BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-191	**Structure Name:**	G4-901	**Road Name:**	COBB SOUTH FSR	**Inspection Date:**	2012/07/24
KM:	4.20	**User km:**	4.20	**Crossing Name:**	Unknown	**Next Inspection Date:**	2014/07/24
Project File ID #:	10235	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18.3
UTM Zone:	10			**UTM Easting:**	465636	**UTM Northing:**	5973017
Inspector Name:	Shane Gorezky			**Year Superstructure Installed:**		2006	
Access:							

ABUTMENTS

Bearings	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	light surface rust
Caps or Sills	Good	
Fill	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	Concrete and logs, logs are completey rotten
Road Surface	Fair	

DECK

Span 1

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-191	Structure Name:	G4-901	Road Name:	COBB SOUTH FSR	Inspection Date:	2012/07/24

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Unrated	not rated on inspection
Hardware	Fair	some nuts are missing
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	Replace rotten plans prior to industrial use
Sub Deck	Poor	8 - 9 planks are in poor condition due to rot
Ties	Fair	3 or 4 ties are getting soft spots where exposed

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	Damage to right abutment bracing from installation
Girders	Good	
Hardware	Unrated	Not rated on inspection
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.2
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	No

Comment: Dead Pine logs laying under the bridge

REPAIRS

#	Status	Priority	Estimate	Description
1	Suggested	Medium	$	Replace deck planks and cross ties as required prior to industrial use

MONITORS

#	Description

GENERAL

Inspector's Comment: Need to confirm why commets state that bridge is G4-912 and if so is there a G4-901 bridge

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-191	Structure Name:	G4-901	Road Name:	COBB SOUTH FSR	Inspection Date:	2012/07/24

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2021	Estimated Replacement (year):	2021

Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100

Professional Inspection Required?	No	Report Status:	Accepted By Jason Olmsted on 2013/05/27 00:00:00

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-180	**Structure Name:**	G4-180	**Road Name:**	BARLOW FSR	**Inspection Date:**	2019/08/08
KM:	23.90	**User km:**	23.90	**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2022/08/08
Project File ID #:	10653	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Pile -Permanent Materials
Superstructure:	Steel I-beam	Right	Pile -Permanent Materials

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	402220	**UTM Northing:**	6005460		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	2006				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91000	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-180	Structure Name:	G4-180	Road Name:	BARLOW FSR	Inspection Date:	2019/08/08

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	Estimated Present Water Level Width:	2.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 500.00	brush both sides

MONITORS

#	Description

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-180	Structure Name:	G4-180	Road Name:	BARLOW FSR	Inspection Date:	2019/08/08

GENERAL	**Inspector's Comment:**	good
GENERAL	**PEng's Comment:**	

GENERAL							
Estimated Load Restriction (year):	2045	**Estimated Replacement (year):**					
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/23 14:10:14				

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-181	**Structure Name:**	G4-181	**Road Name:**	BARLOW FSR	**Inspection Date:**	2019/08/08
KM:	27.00	**User km:**	27.00	**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2022/08/08
Project File ID #:	10653	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Pile -Permanent Materials
Superstructure:	Steel I-beam	Right	Pile -Permanent Materials

Total Length (metres):	12.1	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	399328	**UTM Northing:**	6004168		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	2005				

Access: Travel up the Barlow FSR to 27 km to reach the bridge

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91000	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-181	Structure Name:	G4-181	Road Name:	BARLOW FSR	Inspection Date:	2019/08/08

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Fair	minor burning on right center guardaril
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 500.00	brushing both sides

MONITORS

#	Description

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-181	Structure Name:	G4-181	Road Name:	BARLOW FSR	Inspection Date:	2019/08/08

GENERAL	**Inspector's Comment:**	GOOD, MINOR BURN ON GUARD RAIL. NEEDS BRUSHING
GENERAL	**PEng's Comment:**	

GENERAL						
Estimated Load Restriction (year):	2045	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/23 14:22:56			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-019	**Structure Name:**	G4-019	**Road Name:**	BARLOW FSR	**Inspection Date:**	2021/07/09
KM:	31.10	**User km:**	31.10	**Crossing Name:**	Tatsutnia Creek	**Next Inspection Date:**	2024/07/09
Project File ID #:	10653	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Pile -Permanent Materials
Superstructure:	Steel I-beam	Right	Pile -Permanent Materials

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18.3
UTM Zone:	10			**UTM Easting:**	395491	**UTM Northing:**	6003141
Inspector Name:	Dawson Smith			**Year Superstructure Installed:**		2002	

Access: Turn right at approx km 8 on the Sutherland FSR and travel about 1 km to the site. Or from highway 27 turn onto the Barlow FSR and travel to 31.1 km

ABUTMENTS

Bearings	Poor	Monitor bearing pads (Rate as GOOD. GZ) Rating is considered fair.
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-019	Structure Name:	G4-019	Road Name:	BARLOW FSR	Inspection Date:	2021/07/09

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
5	Required	Medium	$ 500.00	Install 2 delineators

MONITORS

#	Description
4	Monitor bearing pads

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-019	Structure Name:	G4-019	Road Name:	BARLOW FSR	Inspection Date:	2021/07/09

GENERAL	**Inspector's Comment:**	No significant issues. Bearing pads look good, no information on why they are rated poor. GZ
GENERAL	**PEng's Comment:**	Bearings appear stable. Bearing pads have minor deformation. BH

GENERAL						
Estimated Load Restriction (year):	2052	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/01 17:10:38			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-220	**Structure Name:**	G4-220	**Road Name:**	CRYSTAL	**Inspection Date:**	2021/06/13

KM:	0.10	**User km:**	0.10	**Crossing Name:**	Cabin Creek	**Next Inspection Date:**	2022/08/01
Project File ID #:	10660	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Log or Untreated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	12.1	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.1
UTM Zone:	10			**UTM Easting:**	409092	**UTM Northing:**	5941123
Inspector Name:	Dawson Smith			**Year Superstructure Installed:**			

Access:

ABUTMENTS

Bearings	Not Applicable	
Bracing	Good	(none GZ)
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	(FAIR, conks on log sills. GZ)
Fill	Fair	
Hardware	Good	
Log/Timber Cribs	Good	(none. GZ)
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Tie-backs	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Poor	end caps out of position

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-220	Structure Name:	G4-220	Road Name:	CRYSTAL	Inspection Date:	2021/06/13

Posted Load Rating (Enter 0 if sign missing)	91000	
Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Unrated	one layer of running palnks
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
8	Suggested	Medium	$ 500.00	Needs brushing

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-220	Structure Name:	G4-220	Road Name:	CRYSTAL	Inspection Date:	2021/06/13

MONITORS

#	Description

GENERAL

Inspector's Comment:	very brushed in No pics of bearings:monitoring item, no pic from upstream, no cribs or bracing, no mention of scour.

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):		2035	**Estimated Replacement (year):**		
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\GZSOMBOR on 2021/12/02 14:08:27		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-560	**Structure Name:**	G5-992	**Road Name:**	SUSCHONA	**Inspection Date:**	2021/09/22
KM:	0.70	**User km:**	0.70	**Crossing Name:**	unknown	**Next Inspection Date:**	2024/09/22
Project File ID #:	10797	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Log or Untreated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	422026	**UTM Northing:**	6113836		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2013				
Access:							

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	see pic
Fill	Good	
Hardware	Good	
Log/Timber Cribs	Fair	N/A. GZ
Piles or Posts	Not Applicable	
Riprap	Fair	
Tie-backs	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-560	Structure Name:	G5-992	Road Name:	SUSCHONA	Inspection Date:	2021/09/22

Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

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Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-560	Structure Name:	G5-992	Road Name:	SUSCHONA	Inspection Date:	2021/09/22

MONITORS

#	Description

GENERAL

Inspector's Comment:	Poor pics but no issues. GZ

GENERAL

PEng's Comment:	No concerns. BH

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 16:47:10		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-561	**Structure Name:**	G5-972	**Road Name:**	SUSCHONA	**Inspection Date:**	2021/09/22

KM:	3.00	**User km:**	3.00	**Crossing Name:**	unknown	**Next Inspection Date:**	2022/09/01
Project File ID #:	10797	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Log or Untreated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	12.1	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.1

UTM Zone:	10	**UTM Easting:**	422884	**UTM Northing:**	6115916

Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2013

Access:

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	
Fill	Good	
Hardware	Fair	
Log/Timber Cribs	Fair	N/A. GZ
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Tie-backs	Fair	N/A. GZ
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-561	Structure Name:	G5-972	Road Name:	SUSCHONA	Inspection Date:	2021/09/22

Posted Load Rating (Enter 0 if sign missing)	68	
Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	guardrails rotting, see pics
Deck to Girder Bolts	Good	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Poor	guardrails rotting, see pics
Running Planks	Good	
Sub Deck	Good	N/A.GZ
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-561	Structure Name:	G5-972	Road Name:	SUSCHONA	Inspection Date:	2021/09/22

REPAIRS

#	Status	Priority	Estimate	Description
3	Suggested	High	$	
4	Suggested	High		
5	Suggested	Medium		

MONITORS

#	Description

GENERAL

Inspector's Comment:	Rated components that do not exist, missing pics. GZ

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2025	Estimated Replacement (year):	
Current Inspection Load Rating:	See footnote	Design Load GVW (tonnes):	68
Design Vehicle Config.:	L75		
Professional Inspection Required?	No	Report Status:	Rejected By IDIR\GZSOMBOR on 2022/01/06 10:36:07

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-562	**Structure Name:**	G5-995	**Road Name:**	SUSCHONA	**Inspection Date:**	2021/09/22
KM:	5.50	**User km:**	5.50	**Crossing Name:**	Unnamed	**Next Inspection Date:**	2024/09/22
Project File ID #:	10797	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Log or Untreated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	9.1	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9.1
UTM Zone:	10	**UTM Easting:**	424345	**UTM Northing:**	6117599		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2013				
Access:							

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	
Fill	Good	
Hardware	Not Applicable	
Log/Timber Cribs	Poor	down side showing more scour since last inspection
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Tie-backs	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	1	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-562	Structure Name:	G5-995	Road Name:	SUSCHONA	Inspection Date:	2021/09/22

Posted Load Rating (Enter 0 if sign missing)	68	
Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-562	Structure Name:	G5-995	Road Name:	SUSCHONA	Inspection Date:	2021/09/22

REPAIRS

#	Status	Priority	Estimate	Description
6	Required	Medium		Add one bridge ahead sign.
7	Required	Medium	$ 0.00	Minor brushing required around bridge structure.
8	Required	High		Add riprap to both side of stream

MONITORS

#	Description

GENERAL

Inspector's Comment:	down side abutment showing a bit more scour since last inspection Poor inspection and pics but captured scour issue. GZ

GENERAL

PEng's Comment:	Possible undermining of High chain abutment. Flagged for P.Eng Inspection in 2022 to check extent of scour. BH

GENERAL

Estimated Load Restriction (year):	2028	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 17:10:33		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-049	**Structure Name:**	G4-049	**Road Name:**	BOBTAIL LAKE	**Inspection Date:**	2019/08/09

KM:	47.40	**User km:**	10.40	**Crossing Name:**	Cluculz Creek	**Next Inspection Date:**	2022/08/09
Project File ID #:	1771	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Pipe Arch		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	2,000		**Outlet Cover (mm):**	2,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	21.4	**Opening Height (mm):**	3,330	**Opening Width (mm):**	5,050
UTM Zone:	10	**UTM Easting:**	460476	**UTM Northing:**	5952895
Inspector Name:	dawson smith	**Year Superstructure Installed:**		1997	

Access: This site is located at 10.4 km of the Grizzly. Turn off the main Bobtail at 37 km and travel 10.4 km to the site.

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Good	
Fill	Good	
Floor	Not Applicable	
Head Wall	Good	
Inlet	Good	considerable debris
Outlet	Good	
Overall	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-049	Structure Name:	G4-049	Road Name:	BOBTAIL LAKE	Inspection Date:	2019/08/09

Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.5
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 500.00	remove debris from upstream and brush

MONITORS

#	Description

GENERAL

Inspector's Comment:	CULVERT IS AT 10.5KM ON THE GRIZZLY ROAD

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2047	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/23 14:42:52		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-000	**Structure Name:**	G1-000	**Road Name:**	BOBTAIL LAKE	**Inspection Date:**	2019/06/07

KM:	12.27	**User km:**	12.27	**Crossing Name:**	Hwy 16	**Next Inspection Date:**	2022/06/07
Project File ID #:	1771	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Asphalt
Curb Type:		**Abutments** (looking downstream) **Left**	Concrete Cast in Place
Superstructure:	Steel Box Beam	**Right**	Concrete Cast in Place

Total Length (metres):	48.8	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	48.8
UTM Zone:	10	**UTM Easting:**	472592	**UTM Northing:**	5970853		
Inspector Name:	Pat Bredin	**Year Superstructure Installed:**	2009				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Fair	
Concrete Cast in Place	Good	
Corrosion Protection	Good	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

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Site #:	G1-000	Structure Name:	G1-000	Road Name:	BOBTAIL LAKE	Inspection Date:	2019/06/07

Road Surface	Good	

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Good	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	
Diaphrams	Unrated	N/A
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	0.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 200.00	Replace missing delineators

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-000	Structure Name:	G1-000	Road Name:	BOBTAIL LAKE	Inspection Date:	2019/06/07

GENERAL	**Inspector's Comment:**	Reject inspection. Pat failed to take pictures of issues with ballast wall. GZ
GENERAL	**PEng's Comment:**	pictures have been added

GENERAL						
Estimated Load Restriction (year):	2058	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/23 14:37:51			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-001	**Structure Name:**	G4-001	**Road Name:**	BOBTAIL LAKE	**Inspection Date:**	2002/07/23

KM:	20.60	**User km:**	20.60	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2030/01/01
Project File ID #:	1771	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	500		**Outlet Cover (mm):**	500	
Footing Type:			**Gradient (%):**	1.0	
Culvert Length (metres):	18.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	465646	**UTM Northing:**	5968464
Inspector Name:	Tim Silbernagel		**Year Superstructure Installed:**	1980	
Access:					

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Fair	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Fair	No Comment Available -Converter.RNI
Riprap	Fair	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-001	Structure Name:	G4-001	Road Name:	BOBTAIL LAKE	Inspection Date:	2002/07/23

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	1.2		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	Yes	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Suggested	Medium	$ 0.00	Span: 1.0. Debris removal. remove debris from outlet.

MONITORS

#	Description
1	Monitor for continued beaver activity. (no beaver problems at inlet but beaver debris collected at outlet TS2002)

GENERAL

Inspector's Comment: nullCulvert: 2) debris build-up at outlet - remove.

GENERAL

PEng's Comment: Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\RMGETZLA on 2012/04/12 16:18:45		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-002	**Structure Name:**	G4-002	**Road Name:**	BOBTAIL LAKE	**Inspection Date:**	2002/07/23

KM:	22.70	**User km:**	22.70	**Crossing Name:**	Norman Creek	**Next Inspection Date:**	2030/01/01
Project File ID #:	1771	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	3,000		**Outlet Cover (mm):**	3,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	15.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	463818	**UTM Northing:**	5967403
Inspector Name:	Tim Silbernagel		**Year Superstructure Installed:**	1970	
Access:					

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Poor	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Riprap	Fair	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-002	Structure Name:	G4-002	Road Name:	BOBTAIL LAKE	Inspection Date:	2002/07/23

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	0.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
3	Suggested	High	$ 0.00	Span: 1.0. Remove Beaver Dam. Inlet fully plugged - remove.

MONITORS

#	Description
1	MONITOR BEAVER DAM AT INLET. (inlet fully plugged TS2002)

GENERAL

Inspector's Comment:

nullCulvert: 1) 95% blocked by beaver dam
4-7) hard to see inside - beaver dams
14) has been repaired with gravel.

GENERAL

PEng's Comment:

Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\RMGETZLA on 2012/04/12 16:19:48		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-003	**Structure Name:**	G4-003A	**Road Name:**	BOBTAIL LAKE	**Inspection Date:**	2019/07/23

KM:	30.90	**User km:**	30.90	**Crossing Name:**	Cluculz Creek	**Next Inspection Date:**	2022/07/23
Project File ID #:	1771	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18.3
UTM Zone:	10			**UTM Easting:**	456366	**UTM Northing:**	5964805
Inspector Name:	Dawson Smith			**Year Superstructure Installed:**		2008	
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-003	Structure Name:	G4-003A	Road Name:	BOBTAIL LAKE	Inspection Date:	2019/07/23

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	3.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-003	Structure Name:	G4-003A	Road Name:	BOBTAIL LAKE	Inspection Date:	2019/07/23

GENERAL	**Inspector's Comment:**	good, beaver activity upstream
GENERAL	**PEng's Comment:**	

GENERAL						
Estimated Load Restriction (year):	2058	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/23 14:40:03			

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-004	**Structure Name:**	G4-004	**Road Name:**	BOBTAIL LAKE	**Inspection Date:**	2019/08/09
KM:	62.50	**User km:**	62.50	**Crossing Name:**	Grizzly Creek	**Next Inspection Date:**	2022/08/09
Project File ID #:	1771	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Steel Pipe and Precast Pad
Superstructure:	Concrete Slab Girders	Right	Steel Pipe and Precast Pad

Total Length (metres):	11.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	11
UTM Zone:	10	**UTM Easting:**	464057	**UTM Northing:**	5941097		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	1999				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-004	Structure Name:	G4-004	Road Name:	BOBTAIL LAKE	Inspection Date:	2019/08/09

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	considerable rot and degredation
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Poor	guardrails
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	
Hardware	Not Applicable	
Welded/grouted shear connectors	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	CAP APPROACHES
2	Required	Medium	$	guardrails need replaced and brushing

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-004	Structure Name:	G4-004	Road Name:	BOBTAIL LAKE	Inspection Date:	2019/08/09

GENERAL	**Inspector's Comment:**	25.5 ON THE GRIZZLY FSR, GUARD RAILS NEED REPLACED, REQUIRES BRUSHING
GENERAL	**PEng's Comment:**	Curbs need replacing soon or bridge load rating will be reduced.

GENERAL							
	Estimated Load Restriction (year):		2049	**Estimated Replacement (year):**			
	Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
	Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/24 12:18:42			

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-030	**Structure Name:**	G1-030	**Road Name:**	BOBTAIL LAKE	**Inspection Date:**	2019/06/07
KM:	77.90	**User km:**	210.90	**Crossing Name:**	Chilako River	**Next Inspection Date:**	2022/06/07
Project File ID #:	1771	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	21.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	21
UTM Zone:	10	**UTM Easting:**	463629	**UTM Northing:**	5928549		
Inspector Name:	Pat Bredin	**Year Superstructure Installed:**	1986				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Not Applicable	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	0	51,000 kgs
Road Surface	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-030	Structure Name:	G1-030	Road Name:	BOBTAIL LAKE	Inspection Date:	2019/06/07

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	New deck
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	3.0	Estimated Present Water Level Width:	21.0
Estimated High Water Level Clearance:	3.5		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G1-030	Structure Name:	G1-030	Road Name:	BOBTAIL LAKE	Inspection Date:	2019/06/07

GENERAL	**Inspector's Comment:**	
GENERAL	**PEng's Comment:**	

GENERAL						
Estimated Load Restriction (year):	2026	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/23 14:44:51			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-008	**Structure Name:**	G4-008	**Road Name:**	BOBTAIL TATUK	**Inspection Date:**	2019/08/09

KM:	16.00	**User km:**	16.00	**Crossing Name:**	Meadow Creek	**Next Inspection Date:**	2022/08/09
Project File ID #:	1771	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2

UTM Zone:	10	**UTM Easting:**	435566	**UTM Northing:**	5931683

Inspector Name:	dawson smith	**Year Superstructure Installed:**	1995

Access:

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Good	
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-008	Structure Name:	G4-008	Road Name:	BOBTAIL TATUK	Inspection Date:	2019/08/09

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	considerable damage needs replaced
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	replace guardrails and brush

MONITORS

#	Description

GENERAL

Inspector's Comment: 14.8 ON THE TATUK RD, GUARDRAILS NEED REPLACED

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-008	Structure Name:	G4-008	Road Name:	BOBTAIL TATUK	Inspection Date:	2019/08/09

GENERAL

PEng's Comment:	Bridge Load Rated to 30 tonnes until curbs are replaced

GENERAL

Estimated Load Restriction (year):	2035	**Estimated Replacement (year):**			
Current Inspection Load Rating:	30	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/24 12:56:57		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-012	**Structure Name:**	G4-012	**Road Name:**	BOBTAIL TATUK	**Inspection Date:**	2020/09/18

KM:	23.50	**User km:**	23.50	**Crossing Name:**	Falls Creek	**Next Inspection Date:**	2022/09/18
Project File ID #:	1771	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Log or Untreated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	9.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9
UTM Zone:	10	**UTM Easting:**	429437	**UTM Northing:**	5930587		
Inspector Name:	Bruce Henderson	**Year Superstructure Installed:**	1995				
Access:							

ABUTMENTS

Bearings	Poor	Poor connection to sill.
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	Sill has completly rotted out below bearing plates.
Fill	Good	
Hardware	Fair	Bearing bolts not in sound wood.
Log/Timber Cribs	Poor	Rot below bearings on both side of the bridge.
Piles or Posts	Not Applicable	
Riprap	Good	
Tie-backs	Poor	Significant rotting on tiebacks.
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	Poor alignment approaching the bridge. Sharp left turn before approach.
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	Brushing on inside of curve near bridge.
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	Fender rotten and some missing. Needs replacing

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-012	Structure Name:	G4-012	Road Name:	BOBTAIL TATUK	Inspection Date:	2020/09/18

Posted Load Rating (Enter 0 if sign missing)	54	
Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	Still functioning but showing some rot.
Deck to Girder Bolts	Poor	None installed .
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	Some nails exposed due to worn surface.
Overall Deck Condition	Fair	
Running Planks	Fair	Running planks worn and some rot. Nail heads protruding.
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Poor	No deck clips.
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
4	Required	High		Replace rotting cribs

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-012	Structure Name:	G4-012	Road Name:	BOBTAIL TATUK	Inspection Date:	2020/09/18

MONITORS

#	Description

GENERAL

Inspector's Comment:	The bridge is superstructure is in fair condition. Some rot evident on curb rails and blocks, running surface is worn and fenders need replacement. The log crib abutments have significant rotting in the ties and under the bearing plates on both sides. Recommend replacing timber cribs before industrial use.

GENERAL

PEng's Comment:	Bridge to be posted at 30 tonnes because of rotting cribs. Bridge will soon be closed to all traffic.

GENERAL

Estimated Load Restriction (year):		2018	**Estimated Replacement (year):**		
Current Inspection Load Rating:	30	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/01/22 13:34:07		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-010	**Structure Name:**	G4-010	**Road Name:**	BOBTAIL TATUK	**Inspection Date:**	2019/07/24

KM:	7.00	**User km:**	44.00	**Crossing Name:**	Cluculz Creek	**Next Inspection Date:**	2022/07/24
Project File ID #:	1771	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	9.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9
UTM Zone:	10	**UTM Easting:**	450289	**UTM Northing:**	5955053		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	1989				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Not Applicable	MINIMAL
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	A BIT OUT OF POSITION
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-010	Structure Name:	G4-010	Road Name:	BOBTAIL TATUK	Inspection Date:	2019/07/24

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Fair	
Deck Joints	Poor	grouting is required
Grout Pockets	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	6.0
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 250.00	PUT FENDERS BACK IN PLACE
2	Not Required	Medium	$	GROUT DECK JOINTS

MONITORS

#	Description
1	beaver activity and grout situation

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-010	Structure Name:	G4-010	Road Name:	BOBTAIL TATUK	Inspection Date:	2019/07/24

GENERAL	**Inspector's Comment:**	bridge is in fair condition, grout on deck should be repired. beaver acivity upstream
GENERAL	**PEng's Comment:**	There is NO issue with deck joint grout because the bridge is non-composite

GENERAL						
Estimated Load Restriction (year):	2029	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/24 12:48:55			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-009	**Structure Name:**	G4-009	**Road Name:**	BOBTAIL TATUK	**Inspection Date:**	2019/08/09

KM:	30.10	**User km:**	66.10	**Crossing Name:**	44 Mile Creek	**Next Inspection Date:**	2022/08/09
Project File ID #:	1771	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	2,000	**Outlet Cover (mm):**	2,000
Footing Type:		**Gradient (%):**	

Culvert Length (metres):	21.0	**Opening Height (mm):**	2,000	**Opening Width (mm):**	2,000
UTM Zone:	10	**UTM Easting:**	434491	**UTM Northing:**	5944268

Inspector Name:	dawson smith	**Year Superstructure Installed:**	1997

Access:

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-009	Structure Name:	G4-009	Road Name:	BOBTAIL TATUK	Inspection Date:	2019/08/09

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Not Required	Medium	$ 500.00	brush downstream side

MONITORS

#	Description

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):	2046	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/23 14:47:15		

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-009	**Structure Name:**	G4-009-1	**Road Name:**	BOBTAIL TATUK	**Inspection Date:**	2019/07/24

KM:	30.10	**User km:**	66.10	**Crossing Name:**	44 Mile Creek	**Next Inspection Date:**	2022/07/24
Project File ID #:	1771	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	2,000	**Outlet Cover (mm):**	2,000
Footing Type:		**Gradient (%):**	

Culvert Length (metres):	21.0	**Opening Height (mm):**	2,000	**Opening Width (mm):**	2,000
UTM Zone:	10	**UTM Easting:**	434491	**UTM Northing:**	5944268

Inspector Name:	dawson smith	**Year Superstructure Installed:**	1997
Access:			

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Not Applicable	
Embedment Materials	Good	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-009	Structure Name:	G4-009-1	Road Name:	BOBTAIL TATUK	Inspection Date:	2019/07/24

Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	21.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	Good, beaver activity upstream

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2046	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/23 14:48:24		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-035	**Structure Name:**	G1-035	**Road Name:**	BOBTAIL-	**Inspection Date:**	2019/06/26
KM:	2.90	**User km:**	2.90	**Crossing Name:**	Hutchinson Creek	**Next Inspection Date:**	2022/06/26
Project File ID #:	1771	**Br.**	06	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** Left	Concrete Lock Blocks
Superstructure:	Steel I-beam	Right	Concrete Lock Blocks

Total Length (metres):	15.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.3
UTM Zone:	10	**UTM Easting:**	478617	**UTM Northing:**	5974410		
Inspector Name:	Pat Bredin	**Year Superstructure Installed:**	2010				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Fair	Some scour on left side
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	1	Sign on far side of bridge damaged
Brushing Required	Yes	Brush around fenders reduce sight line
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G1-035	Structure Name:	G1-035	Road Name:	BOBTAIL-	Inspection Date:	2019/06/26

Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	U/S replaced recently
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Fair	Planks are showing wear
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	Yes	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 200.00	Brush area for site lines
2	Required	Low	$ 100.00	Install bridge ahead sign

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-035	Structure Name:	G1-035	Road Name:	BOBTAIL-	Inspection Date:	2019/06/26

MONITORS

#	Description
1	Monitor deck plank wear

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2050	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/23 14:54:18		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-171	**Structure Name:**	G4-171	**Road Name:**	BOBTAIL GRIZZLY	**Inspection Date:**	2021/09/16

KM:	74.20	**User km:**	74.20	**Crossing Name:**	Unknown	**Next Inspection Date:**	2024/09/16
Project File ID #:	1771	**Br.**	10	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Pile -Permanent Materials
Superstructure:	Concrete Slab Girders	Right	Pile -Permanent Materials

Total Length (metres):	8.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	8
UTM Zone:	10			**UTM Easting:**	427338	**UTM Northing:**	5941665
Inspector Name:	Dustin Anderberg			**Year Superstructure Installed:**			
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Caps or Sills	Fair	Slightly chipped on HC
Fill	Fair	Slightly undermined on LC
Hardware	Not Applicable	
Piles or Posts	Unrated	Not visible
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	Functional but slightly damaged
Road Surface	Good	

DECK

Span 1

Concrete Deck	Fair	Slightly gouged
Curb Rail/Blocks/Posts	Poor	Both sides rotten

Corporate Bridge Register (CBR)

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Site #:	G4-171	Structure Name:	G4-171	Road Name:	BOBTAIL GRIZZLY	Inspection Date:	2021/09/16

Deck Joints	Not Applicable	
Grout Pockets	Not Applicable	
Grout Pockets	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Fair	Slightly gouged

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	
Hardware	Not Applicable	
Welded/grouted shear connectors	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.8
Estimated High Water Level Clearance:	1.4		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
7	Required	Medium	$ 1.00	Replace rotten sections of curbs.
8	Required	Low	$ 0.00	Install 1 delineator

MONITORS

#	Description

GENERAL

Inspector's Comment:	Stream channel heavily brushed in.

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-171	Structure Name:	G4-171	Road Name:	BOBTAIL GRIZZLY	Inspection Date:	2021/09/16

GENERAL

PEng's Comment:	No major concerns. BH

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	64	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/02 14:55:40		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-172	**Structure Name:**	G4-172	**Road Name:**	BOBTAIL GRIZZLY	**Inspection Date:**	2021/09/16

KM:	75.60	**User km:**	75.60	**Crossing Name:**	Unknown	**Next Inspection Date:**	2024/09/16
Project File ID #:	1771	**Br.**	10	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12

UTM Zone:	10	**UTM Easting:**	426049	**UTM Northing:**	5941262

Inspector Name:	Dustin Anderberg	**Year Superstructure Installed:**	

Access:

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Good	
Caps or Sills	Unrated	N/A
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	Replace LC fender, Broken
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-172	Structure Name:	G4-172	Road Name:	BOBTAIL GRIZZLY	Inspection Date:	2021/09/16

DECK

Span 1

Concrete Deck	Fair	Gouged from Machinery
Curb Rail/Blocks/Posts	Poor	Both sides and risers rotten
Deck Joints	Fair	
Grout Pockets	Fair	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	
Running Surface	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	2.3
Estimated High Water Level Clearance:	2.4		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
5	Required	Medium		Brush around bridge
6	Required	High	$ 0.00	Replace curbs and risers.

MONITORS

#	Description

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-172	Structure Name:	G4-172	Road Name:	BOBTAIL GRIZZLY	Inspection Date:	2021/09/16

GENERAL	**Inspector's Comment:**	Stream heavily brushed in. Curbs need to be replaced, rotten and non-functional. DA
GENERAL	**PEng's Comment:**	Bridge to be downrated 0 tonnes due to rotten and missing curbs. Repairs to be done as soon as feasible. BH

GENERAL						
Estimated Load Restriction (year):	2035	**Estimated Replacement (year):**				
Current Inspection Load Rating:	0	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/24 16:04:22			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-173	**Structure Name:**	G4-173	**Road Name:**	BOBTAIL GRIZZLY	**Inspection Date:**	2021/09/16
KM:	77.30	**User km:**	77.30	**Crossing Name:**	Unknown	**Next Inspection Date:**	2024/09/16
Project File ID #:	1771	**Br.**	10	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	Right	Steel Pipe and Precast Pad

Total Length (metres):	18.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	10	**UTM Easting:**	424604	**UTM Northing:**	5940534		
Inspector Name:	Dustin Anderberg	**Year Superstructure Installed:**					
Access:							

ABUTMENTS

Bearings	Fair	Expanded on one side tight on the other
Bracing	Good	
Ballast Wall	Fair	Slight cracking on LC steel plate
Corrosion Protection	Fair	
Caps or Sills	Unrated	N/A
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	Cracking in sections
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-173	Structure Name:	G4-173	Road Name:	BOBTAIL GRIZZLY	Inspection Date:	2021/09/16

Span 1

Concrete Deck	Fair	Gouged and dirty
Curb Rail/Blocks/Posts	Poor	Rotten and infested with insects
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	
Running Surface	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:			

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
4	Required	Medium	$ 0.00	Brush around bridge
5	Required	High	$ 0.00	Curbs and risers rotten and needs replacing
6	Required	Medium		Clean deck to maintain functionality and visual inspections

MONITORS

#	Description
3	Bearings for expansion and compression
4	Cracked ballast wall concrete on steel plate connections

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-173	Structure Name:	G4-173	Road Name:	BOBTAIL GRIZZLY	Inspection Date:	2021/09/16

GENERAL	**Inspector's Comment:**	Curbs need to be replaced, completely rotten and unfunctional. DA
GENERAL	**PEng's Comment:**	Rotten curbs need replacement. Bridge could be downrated at any time if curbs deteriorate further. Complete high priority repair items. BH

GENERAL						
Estimated Load Restriction (year):	2035	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/24 16:32:15			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-174	**Structure Name:**	G4-174	**Road Name:**	BOBTAIL GRIZZLY	**Inspection Date:**	2021/06/13
KM:	78.90	**User km:**	78.90	**Crossing Name:**	Unknown	**Next Inspection Date:**	2024/06/13
Project File ID #:	1771	**Br.**	10	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	Right	Steel Pipe and Precast Pad

Total Length (metres):	18.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	10	**UTM Easting:**	423134	**UTM Northing:**	5940097		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**					
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	damaged and out of palce
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Fair	needs capping

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-174	Structure Name:	G4-174	Road Name:	BOBTAIL GRIZZLY	Inspection Date:	2021/06/13

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Fair	considerable decay (Rate as POOR GZ)
Deck Joints	Excellent	
Grout Pockets	Good	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
3	Required	Medium	$	Reposition and attach loose barrier components.
4	Required	High	$	Full curb and riser replacement.
5	Required	Medium	$	Grade approaches.
6	Required	Medium	$ 0.00	Remove larger brush as required.

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-174	Structure Name:	G4-174	Road Name:	BOBTAIL GRIZZLY	Inspection Date:	2021/06/13

MONITORS

#	Description
2	monitor guradrails and riser blocks

GENERAL

Inspector's Comment:	needs brushing and trees cut down, approaches capped and has significant guardrail decay Consider load restrictions.GZ

GENERAL

PEng's Comment:	Curbs have significant rot and damage. May be downrated at any time due to condition of curbs. Complete repairs as soon as possible. BH

GENERAL

Estimated Load Restriction (year):	2035	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/03 13:37:01		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-175	**Structure Name:**	G4-175	**Road Name:**	BOBTAIL GRIZZLY	**Inspection Date:**	2021/09/16

KM:	80.10	**User km:**	80.10	**Crossing Name:**	Unknown	**Next Inspection Date:**	2024/09/16
Project File ID #:	1771	**Br.**	10	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	Right	Steel Pipe and Precast Pad

Total Length (metres):	30.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	30
UTM Zone:	10	**UTM Easting:**	421843	**UTM Northing:**	5939883		
Inspector Name:	Dustin Anderberg	**Year Superstructure Installed:**					
Access:							

ABUTMENTS

Bearings	Fair	Expanded on LC compressed on High
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Fair	Broken and cracked
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Fair	Large pot hole on LC

DECK

Span 1

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-175	Structure Name:	G4-175	Road Name:	BOBTAIL GRIZZLY	Inspection Date:	2021/09/16

Concrete Deck	Good	Gouged from machinery
Curb Rail/Blocks/Posts	Poor	Rotten and non functional
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Poor	Bolts pulled out on LC
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	
Running Surface	Fair	Gouged from machinery

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	5.0
Estimated High Water Level Clearance:	8.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
6	Required	High	$ 1.00	Replace curbs rotten and non functional
7	Required	Medium	$ 1.00	Fenders are broken and need replacing
8	Required	Medium	$ 1.00	Concrete broken riser connector under HC down stream riser panel 10
9	Required	Low		Install 1 delineator
10	Required	Medium		Grade approaches .
11	Required	Medium		Remove debris from deck surface.

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-175	Structure Name:	G4-175	Road Name:	BOBTAIL GRIZZLY	Inspection Date:	2021/09/16

MONITORS

#	Description
3	Bearings expanded on LC and compressed on HC
4	Pot holing on road surface

GENERAL

Inspector's Comment:	Full curb and riser replacement due to rot. DA

GENERAL

PEng's Comment:	Replace curbs and risers. BH

GENERAL

Estimated Load Restriction (year):	2035	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/04 11:37:11		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-176	**Structure Name:**	G4-176	**Road Name:**	BOBTAIL GRIZZLY	**Inspection Date:**	2021/09/16
KM:	90.50	**User km:**	90.50	**Crossing Name:**	Unknown	**Next Inspection Date:**	2024/09/16
Project File ID #:	1771	**Br.**	10	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	Right	Steel Pipe and Precast Pad

Total Length (metres):	15.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15
UTM Zone:	10	**UTM Easting:**	410717	**UTM Northing:**	5940434		
Inspector Name:	Dustin Anderberg	**Year Superstructure Installed:**					
Access:							

ABUTMENTS

Bearings	Fair	Left bank compressed right bank expanded
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Unrated	N/A
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	Reposition
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Fair	Pot holing on both approaches

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-176	Structure Name:	G4-176	Road Name:	BOBTAIL GRIZZLY	Inspection Date:	2021/09/16

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	Rotten and need replacing
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	
Running Surface	Fair	Pot holing on both approaches

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
6	Required	Medium	$ 0.00	Add missing delineator
7	Required	High	$ 0.00	Full curb replacement.
8	Required	Medium	$ 0.00	Re-align approach fenders.

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-176	Structure Name:	G4-176	Road Name:	BOBTAIL GRIZZLY	Inspection Date:	2021/09/16

MONITORS

#	Description

GENERAL

Inspector's Comment:	Heavily brushed in channel. Needs full curb replacement, rotten and non-functional. DA

GENERAL

PEng's Comment:	Downrate bridge to 5 tonnes due to rotten curbs and risers. Replace as soon as feasible. BH

GENERAL

Estimated Load Restriction (year):	2046	**Estimated Replacement (year):**			
Current Inspection Load Rating:	5	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/24 16:21:49		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-046	**Structure Name:**	G4-925	**Road Name:**	BOOMER	**Inspection Date:**	2020/09/18
KM:	7.00	**User km:**	7.00	**Crossing Name:**	unknown	**Next Inspection Date:**	2022/09/18
Project File ID #:	1771	**Br.**	15	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Sill -Temporary Materials
Superstructure:	Steel I-beam	**Right**	Sill -Temporary Materials

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10	**UTM Easting:**	427686	**UTM Northing:**	5927667		
Inspector Name:	Bruce Henderson	**Year Superstructure Installed:**	2006				
Access:							

ABUTMENTS

Bearings	Fair	Bearing not aligned properly over sills.
Bracing	Not Applicable	
Ballast Wall	Good	Log ballast wall untreated.
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	Sills not centered under bearing plates
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	Load limit signs posted 91,000kg
Brushing Required	Yes	Brushed in under and next to bridge. Brush growing up against deck.
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-046	Structure Name:	G4-925	Road Name:	BOOMER	Inspection Date:	2020/09/18

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Poor	No girder to deck clips.
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Poor	Deck is worn and a small hole approximately 10cm2 punched through on low chain side.
Sub Deck	Fair	Hole punched down through subdeck
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.2
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
5	Required	Medium		replace running deck
6	Required	Medium	$ 0.00	need deck clips
7	Required	High		Replace abutments

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-046	Structure Name:	G4-925	Road Name:	BOOMER	Inspection Date:	2020/09/18

MONITORS

#	Description

GENERAL

Inspector's Comment:	Bridge is placed improperly on sills and are not centered under the bearing. Appears to be bolted down using steel plate clips. Sill is short on one side but seems stable. No movement of sills was observed since last inspection. The deck is excessively worn needs replacement. Possibly reduce load rating due to poor deck condition and improper placement of sills on both sides. Should replace or realign sills on solid base and replace deck before industrial use. BH

GENERAL

PEng's Comment:	Bridge to down-rated to 30 tonnes until all the abutment and deck are fixed.

GENERAL

Estimated Load Restriction (year):	2021	**Estimated Replacement (year):**			
Current Inspection Load Rating:	30	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/17 10:33:05		

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-013	**Structure Name:**	G4-013	**Road Name:**	THRASHER	**Inspection Date:**	2019/08/09
KM:	0.40	**User km:**	136.00	**Crossing Name:**	Chilako River	**Next Inspection Date:**	2022/08/09
Project File ID #:	1771	**Br.**	18	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18.3
UTM Zone:	10	**UTM Easting:**	434376	**UTM Northing:**	5930074		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	1999				

Access: Take left branch at juntion with Tatuk lake access road.
Crossing can also be accessed from Pelican-Chilako FSR km 37.0

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	some out of place
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-013	Structure Name:	G4-013	Road Name:	THRASHER	Inspection Date:	2019/08/09

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	Estimated Present Water Level Width:	4.0
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$	re position fenders

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-013	Structure Name:	G4-013	Road Name:	THRASHER	Inspection Date:	2019/08/09

GENERAL	**Inspector's Comment:**	GOOD, FENDERS NEED TO BE PUT BACK IN PLACE
GENERAL	**PEng's Comment:**	

GENERAL						
Estimated Load Restriction (year):	2049	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/23 14:34:13			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-045	**Structure Name:**	G5-299	**Road Name:**	BOOMER 1000	**Inspection Date:**	2021/09/09
KM:	0.40	**User km:**	0.30	**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2023/09/09
Project File ID #:	1771	**Br.**	20	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Sill -Temporary Materials
Superstructure:	Steel I-beam	**Right**	Sill -Temporary Materials

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10	**UTM Easting:**	426496	**UTM Northing:**	5925528		
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	2017				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Fair	Double row of small logs
Concrete Lock Blocks	Not Applicable	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Fair	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	1	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Unrated	None
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-045	Structure Name:	G5-299	Road Name:	BOOMER 1000	Inspection Date:	2021/09/09

Road Surface	Fair	Need more approach fill

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	Nothing securing deck to girders
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Unrated	N/A
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	0.3		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
6	Required	Medium		Add fill to both approaches
7	Required	Low	$ 0.00	Install 1 bridge ahead sign
8	Required	Medium		Install deck/girder bolts

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-045	Structure Name:	G5-299	Road Name:	BOOMER 1000	Inspection Date:	2021/09/09

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Temp bridge installed in 2017. L100 designed and certified by Canfor on Nov 22 2017 L100. BH

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/01 17:51:10		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-368	**Structure Name:**	G5-368	**Road Name:**	MCLEOD -	**Inspection Date:**	2019/09/05
KM:	3.90	**User km:**	3.90	**Crossing Name:**	Willowy Creek	**Next Inspection Date:**	2022/09/05
Project File ID #:	1784	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:	Steel Footing		**Gradient (%):**	2.5	
Culvert Length (metres):	14.0	**Opening Height (mm):**	1,910	**Opening Width (mm):**	3,000
UTM Zone:	10	**UTM Easting:**	427925	**UTM Northing:**	6074896
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	2008		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Not Applicable	
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Poor	95% PLUGGED BY BEAVERS
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-368	Structure Name:	G5-368	Road Name:	MCLEOD -	Inspection Date:	2019/09/05

Overall	Poor	95% PLUGGED BY BEAVERS
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.5	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	0.1		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$ 750.00	REMOVE BEAVER DEBRIS BLOCKING INLET

MONITORS

#	Description

GENERAL

Inspector's Comment:	REMOVE BEAVER DEBRIS BLOCKING INLET

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2050	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/06 15:05:38		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-369	**Structure Name:**	G5-369	**Road Name:**	MCLEOD -	**Inspection Date:**	2021/09/21
KM:	5.80	**User km:**	5.80	**Crossing Name:**	Tributary to Willow Creek	**Next Inspection Date:**	2022/09/21
Project File ID #:	1784	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10	**UTM Easting:**	429770	**UTM Northing:**	6074236		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2008				
Access:							

ABUTMENTS

Bearings	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged
Bracing	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged
Ballast Wall	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged
Corrosion Protection	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged
Caps or Sills	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged
Fill	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged
Hardware	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged
Piles or Posts	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged
Riprap	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged
Wing Wall	Not Applicable	Beavers have dammed, with mud right into the structure, the underside is plugged

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	some out of place
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Fair	needs grading

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-369	Structure Name:	G5-369	Road Name:	MCLEOD -	Inspection Date:	2021/09/21

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged
Hardware	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged
Running Planks	Good	
Sub Deck	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged
Ties	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged

SUPERSTRUCTURE

Span 1

Bracing	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged
Diaphrams	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged
Girders	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged
Hardware	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged
Under Trussing	Unrated	Beavers have dammed, with mud right into the structure, the underside is plugged

CHANNEL

Estimated Present Water Level Depth:	2.0	**Estimated Present Water Level Width:**	10.0
Estimated High Water Level Clearance:	0.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment: Beavers have dammed, with mud right into the structure, the underside is plugged

REPAIRS

#	Status	Priority	Estimate	Description
6	Required	High	$	Beavers have dammed, with mud right into the structure, the underside is plugged

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-369	Structure Name:	G5-369	Road Name:	MCLEOD -	Inspection Date:	2021/09/21

GENERAL	**Inspector's Comment:**	Beavers have dammed, with mud right into the structure, the underside is plugged withn debris, could not see abutments or ballast wall Need to reinspect next year. GZ
GENERAL	**PEng's Comment:**	Remove beaver dam as soon as possible. Schedule for inspection in 2022.BH

GENERAL						
Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			2030	
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 13:23:26			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-370	**Structure Name:**	G5-370A	**Road Name:**	MCLEOD -	**Inspection Date:**	2018/10/10

KM:	14.50	**User km:**	14.30	**Crossing Name:**	Silvi Creek	**Next Inspection Date:**	2017/05/17
Project File ID #:	1784	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	15.0	**Opening Height (mm):**	1,600	**Opening Width (mm):**	1,600
UTM Zone:	10	**UTM Easting:**	437311	**UTM Northing:**	6075559
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**			

Access: This site is not deactivated. It is a small culvert that does not need inspection. VS May 2013

APPROACHES

Alignment	Fair	
Road Surface	Fair	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Fair	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Poor	Rotting out
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Fair	
Outlet	Fair	
Overall	Fair	
Riprap	Not Applicable	
Roof	Fair	
Side Walls	Fair	
Trash Rack	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-370	Structure Name:	G5-370A	Road Name:	MCLEOD -	Inspection Date:	2018/10/10

Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.3
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	Minor culvert with issues

GENERAL

PEng's Comment:	no photos. Appears to be a small culvert that does not need engineered inspections. This should be completed during normal district road inspections

GENERAL

Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**	
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	**Design Vehicle Config.:**
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\JOLMSTED on 2019/02/08 11:38:15

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-371	**Structure Name:**	G5-371	**Road Name:**	MCLEOD -	**Inspection Date:**	2019/09/05
KM:	15.30	**User km:**	15.30	**Crossing Name:**	Tsilcoh River	**Next Inspection Date:**	2022/09/05
Project File ID #:	1784	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	2,500		**Outlet Cover (mm):**	2,500	
Footing Type:			**Gradient (%):**	0.0	
Culvert Length (metres):	23.0	**Opening Height (mm):**	2,200	**Opening Width (mm):**	2,200
UTM Zone:	10	**UTM Easting:**	437662	**UTM Northing:**	6075966
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1988		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-371	Structure Name:	G5-371	Road Name:	MCLEOD -	Inspection Date:	2019/09/05

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	ALL GOOD, COULD STAND CREEK SIGN BACK UP

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2028	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/30 15:03:44		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-371	**Structure Name:**	G5-371-2	**Road Name:**	MCLEOD -	**Inspection Date:**	2019/09/05

KM:	15.30	**User km:**	15.30	**Crossing Name:**	Tsilcoh River	**Next Inspection Date:**	2022/09/05
Project File ID #:	1784	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,700		**Outlet Cover (mm):**	1,700	
Footing Type:			**Gradient (%):**	0.0	
Culvert Length (metres):	22.0	**Opening Height (mm):**	1,600	**Opening Width (mm):**	1,600
UTM Zone:	10	**UTM Easting:**	437662	**UTM Northing:**	6075966
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1988		
Access:					

APPROACHES

Alignment	Good	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	MINOR RUST
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	MINOR RUST
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	
Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-371	Structure Name:	G5-371-2	Road Name:	MCLEOD -	Inspection Date:	2019/09/05

Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	1.3		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment: PIPE WAS DRY

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment: ALL GOOD, PIPE WAS DRY WHEN INSPECTED, CROSSING SIGN COULD BE STOOD UP

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):	2028	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/30 15:05:14		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-373	**Structure Name:**	G5-373	**Road Name:**	MCLEOD -	**Inspection Date:**	2021/09/21
KM:	26.70	**User km:**	26.70	**Crossing Name:**	Salmon River	**Next Inspection Date:**	2022/09/01
Project File ID #:	1784	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Binwall
Superstructure:	Steel I-beam	**Right**	Binwall

Total Length (metres):	18.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	10	**UTM Easting:**	447545	**UTM Northing:**	6076736		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1991				
Access:							

ABUTMENTS

Bearings	Fair	
Binwall	Good	
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

Disclaimer:
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Site #:	G5-373	Structure Name:	G5-373	Road Name:	MCLEOD -	Inspection Date:	2021/09/21

Road Surface	Fair	needs grading

DECK

Span 1

Concrete Deck	Fair	joints need work
Curb Rail/Blocks/Posts	Good	
Deck Joints	Fair	joints need work
Grout Pockets	Fair	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	joints and pockets could use patching

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.5	**Estimated Present Water Level Width:**	5.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
6	Suggested	Medium	$	

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-373	Structure Name:	G5-373	Road Name:	MCLEOD -	Inspection Date:	2021/09/21

GENERAL	**Inspector's Comment:**	Previous inspections noted missing welds and joint issues. At the time of inspection the deck was wet, muddy and gravely however the spots we could clean off and look at revealed the same issues. Weld issue remain the same however they appear the same. No pictures of weld issues, repaire do not match component ratings. GZ
GENERAL	**PEng's Comment:**	

Estimated Load Restriction (year):	2031	**Estimated Replacement (year):**			
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\GZSOMBOR on 2022/01/05 10:00:14		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-367	**Structure Name:**	G5-367	**Road Name:**	MCLEOD -	**Inspection Date:**	2021/10/21

KM:	32.10	**User km:**	31.00	**Crossing Name:**	Unnamed Creek	**Next Inspection Date:**	2023/10/21
Project File ID #:	1784	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Arch		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	500		**Outlet Cover (mm):**	900	
Footing Type:	Steel Footing		**Gradient (%):**	5.0	
Culvert Length (metres):	9.6	**Opening Height (mm):**	800	**Opening Width (mm):**	1,610
UTM Zone:	10	**UTM Easting:**	451069	**UTM Northing:**	6076916
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	2020		

Access: Small arch installed in 2020.
Minor structure, set to Do NOT Inspect. 2021 GZ

APPROACHES

Alignment	Fair	Sharp curve
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Unrated	None
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Unrated	N/A
Footing	Fair	Exposed at inlet
Head Wall	Not Applicable	
Inlet	Poor	Scoured down to footing

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-367	Structure Name:	G5-367	Road Name:	MCLEOD -	Inspection Date:	2021/10/21

Outlet	Fair	Aggravation occurring
Overall	Fair	
Riprap	Not Applicable	Shot rock used for bedding but no appricable armouring completed
Roof	Fair	Swayback
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	0.6		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment: Outlet of large swamp. Old culvert left in 10m upchain

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Monitor footing scour at inlet

GENERAL

Inspector's Comment: NEG staff to monitor scour next year.

GENERAL

PEng's Comment: New structure in 2020. Footing exposed at inlet. Continue to monitor scour. BH

GENERAL

Estimated Load Restriction (year):	2065	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/06 16:03:33		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-450	**Structure Name:**	G1-450	**Road Name:**	MCLEOD -	**Inspection Date:**	2002/09/06

KM:	0.20	**User km:**	34.20	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2005/09/06
Project File ID #:	1784	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:			**Culvert Material:**		
Inlet Cover (mm):	0		**Outlet Cover (mm):**	0	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	12.0	**Opening Height (mm):**	1	**Opening Width (mm):**	1
UTM Zone:	10	**UTM Easting:**	474864	**UTM Northing:**	6074893
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	1988		
Access:	Carp Lake Park				

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Poor	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-450	Structure Name:	G1-450	Road Name:	MCLEOD -	Inspection Date:	2002/09/06

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
3	Suggested	Medium	$ 0.00	Span: 1.0. Remove Beaver Dam. Remove beaver dam late in fall. Prior to freeze up..

MONITORS

#	Description
1	MONITOR BEAVER DAM AT INLET. No riprap required.

GENERAL

Inspector's Comment:	nullCulvert: 1) Beaver dam.

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):		**Estimated Replacement (year):**			
Current Inspection Load Rating:	41	**Design Load GVW (tonnes):**	41	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\JOLMSTED on 2012/03/30 14:00:28		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-451	**Structure Name:**	G1-451	**Road Name:**	MCLEOD -	**Inspection Date:**	2002/09/05
KM:	9.70	**User km:**	40.50	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2005/09/05
Project File ID #:	1784	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:			**Culvert Material:**		
Inlet Cover (mm):	0		**Outlet Cover (mm):**	0	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	12.0	**Opening Height (mm):**	1	**Opening Width (mm):**	1
UTM Zone:	10	**UTM Easting:**	469622	**UTM Northing:**	6075995
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	1988		
Access:	Carp Lake Park				

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-451	Structure Name:	G1-451	Road Name:	MCLEOD -	Inspection Date:	2002/09/05

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	0.6		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Monitor for scour as no rip rap is on site.

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):		**Estimated Replacement (year):**			
Current Inspection Load Rating:	41	**Design Load GVW (tonnes):**	41	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\JOLMSTED on 2012/03/30 14:06:08		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-380	**Structure Name:**	G4-161	**Road Name:**	WHITEMUD	**Inspection Date:**	2021/09/21

KM:	0.40	**User km:**	0.40	**Crossing Name:**	Whitemud Creek	**Next Inspection Date:**	2024/09/21
Project File ID #:	1784	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments** (looking downstream) **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2

UTM Zone:	10	**UTM Easting:**	450787	**UTM Northing:**	6075500

Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2021

Access: Km 29.7 McLeod-Tsloch FSR.
Start - McLeod Whitemud FSR.

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Fair	fill is soft
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Fair	need addtional itiiprap
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	68	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-380	Structure Name:	G4-161	Road Name:	WHITEMUD	Inspection Date:	2021/09/21

Road Surface	Good	

DECK

Span 1

Concrete Deck	Fair	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Poor	joints need redone
Grout Pockets	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	joints need redone
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
2	Not Required	Medium	$ 0.00	Install grouting in joints.
3	Required	High	$ 0.00	Install curb risers on end panels.
4	Required	Medium	$ 0.00	Add additional riprap along stream banks.

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-380	Structure Name:	G4-161	Road Name:	WHITEMUD	Inspection Date:	2021/09/21

MONITORS

#	Description

GENERAL

Inspector's Comment:	No issues other than joints not grouted. GZ

GENERAL

PEng's Comment:	Non composite bridge grouting is not required. Risers missing on interior deck panels. Does not conform with standard drawings timber curbs. BH

GENERAL

Estimated Load Restriction (year):	2066	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 13:17:01		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-381	**Structure Name:**	G4-953	**Road Name:**	WHITEMUD	**Inspection Date:**	2021/09/21

KM:	3.10	**User km:**	3.10	**Crossing Name:**	unnamed	**Next Inspection Date:**	2024/09/21
Project File ID #:	1784	**Br.**	06	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18.3
UTM Zone:	10	**UTM Easting:**	453135	**UTM Northing:**	6070337		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2008				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Poor	log fenders
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

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Site #:	G5-381	Structure Name:	G4-953	Road Name:	WHITEMUD	Inspection Date:	2021/09/21

Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	rotten riser blocks
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Fair	
Sub Deck	Unrated	none
Ties	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-381	Structure Name:	G4-953	Road Name:	WHITEMUD	Inspection Date:	2021/09/21

REPAIRS

#	Status	Priority	Estimate	Description
3	Required	High		Install approach fenders. (log)
4	Required	High		Install both bridge ahead signs
5	Required	High		Install 4 delineators
6	Required	Medium		Brush approaches
7	Required	High		Replace riser blocks

MONITORS

#	Description

GENERAL

Inspector's Comment:	Log fenders, it has a locked gate on the up end. see pictures Consider load restriction to flag maintenance items identified on previos inspection. GZ

GENERAL

PEng's Comment:	Address high repair items before industrial use. BH

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	64	**Design Load GVW (tonnes):**	64	**Design Vehicle Config.:**	BCL62
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/06 19:19:38		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-120	**Structure Name:**	G4-120A	**Road Name:**	SINKUT	**Inspection Date:**	2020/07/22

KM:	0.20	**User km:**	0.20	**Crossing Name:**	Sinkut River	**Next Inspection Date:**	2023/07/22
Project File ID #:	1787	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	21.9	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	20.7
UTM Zone:	10	**UTM Easting:**	431510	**UTM Northing:**	5972565		
Inspector Name:	Vince Sewell	**Year Superstructure Installed:**	2016				

Access: Go left at km 1 on Hargreaves road which is off Sinkut Lake road.

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Good	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	low chain needs to be replaced
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	holder bent
Delineator Missing Right (approaching structure)	1	holder bent
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	75	old sign
Road Surface	Good	

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-120	Structure Name:	G4-120A	Road Name:	SINKUT	Inspection Date:	2020/07/22

DECK

Span 1

Concrete Deck	Good	dirty
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.7	**Estimated Present Water Level Width:**	12.0
Estimated High Water Level Clearance:	1.6		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-120	Structure Name:	G4-120A	Road Name:	SINKUT	Inspection Date:	2020/07/22

GENERAL	Inspector's Comment:	
GENERAL	PEng's Comment:	looks good

GENERAL							
	Estimated Load Restriction (year):	2066	Estimated Replacement (year):				
	Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100	
	Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2021/02/16 14:18:47			

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-016	**Structure Name:**	G4-016A	**Road Name:**	DOG CREEK	**Inspection Date:**	2019/08/08

KM:	2.00	**User km:**	2.00	**Crossing Name:**	Dog Creek	**Next Inspection Date:**	2022/08/08
Project File ID #:	1788	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments** (looking downstream) **Left**	Steel Pipe and Precast Pad
Superstructure:	Concrete Slab Girders	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	10.6	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	10.6
UTM Zone:	10	**UTM Easting:**	416386	**UTM Northing:**	6014431		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	2008				

Access: This road is accessed from highway 27 north of Vanderhoof.

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	63700	
Road Surface	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-016	Structure Name:	G4-016A	Road Name:	DOG CREEK	Inspection Date:	2019/08/08

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	
Hardware	Not Applicable	
Welded/grouted shear connectors	Good	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 250.00	INSTALL MISSING DELINEATORS

MONITORS

#	Description
1	Concrete spall on upstream left side. Currently no rebar exposed.

GENERAL

Inspector's Comment: GOOD, MISSING 2 DELINEATORS

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-016	Structure Name:	G4-016A	Road Name:	DOG CREEK	Inspection Date:	2019/08/08

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2038	**Estimated Replacement (year):**			
Current Inspection Load Rating:	64	**Design Load GVW (tonnes):**	64	**Design Vehicle Config.:**	BCL62
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/22 10:57:48		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-026	Structure Name:	G4-026A	Road Name:	DOG CREEK	Inspection Date:	2019/08/08

KM:	11.10	User km:	11.10	Crossing Name:	Unknown	Next Inspection Date:	2022/08/08
Project File ID #:	1788	Br.	02	Forest District:	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom	Culvert Material:	Corrugated Steel
Inlet Cover (mm):		Outlet Cover (mm):	
Footing Type:	Precast Concrete Footing	Gradient (%):	

Culvert Length (metres):	23.0	Opening Height (mm):	2,360	Opening Width (mm):	5,790
UTM Zone:	10	UTM Easting:	407385	UTM Northing:	6014480

Inspector Name:	dawson smith	Year Superstructure Installed:	2008

Access:

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Good	
Fill	Good	
Floor	Not Applicable	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-026	Structure Name:	G4-026A	Road Name:	DOG CREEK	Inspection Date:	2019/08/08

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	GOOD

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2048	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	CL625
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/22 11:00:28		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-130	**Structure Name:**	G4-130	**Road Name:**	SUTHERLAND	**Inspection Date:**	2001/06/14

KM:	18.00	**User km:**	0.00	**Crossing Name:**	Angly Creek	**Next Inspection Date:**	2004/06/14
Project File ID #:	1795	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	2,000		**Outlet Cover (mm):**	2,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	27.0	**Opening Height (mm):**	1,400	**Opening Width (mm):**	1,400
UTM Zone:	10	**UTM Easting:**	388362	**UTM Northing:**	6008206
Inspector Name:	Tim Silbernagel	**Year Superstructure Installed:**	1990		
Access:	1400mm culvert. Leave as DNI. GZ 2020				

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Fair	No Comment Available -Converter.RNI
Riprap	Good	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-130	Structure Name:	G4-130	Road Name:	SUTHERLAND	Inspection Date:	2001/06/14

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	0.8		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Monitor for scour as no rip rap is on site. (no scour TS 2001)

GENERAL

Inspector's Comment:	nullCulvert: 2) 0.1M drop, fast water, may not have fish passage.

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2040	**Estimated Replacement (year):**			
Current Inspection Load Rating:	41	**Design Load GVW (tonnes):**	41	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\RMGETZLA on 2012/04/13 11:21:47		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-132	**Structure Name:**	G4-936	**Road Name:**	SUTHERLAND	**Inspection Date:**	2021/07/09

KM:	22.00	**User km:**	22.00	**Crossing Name:**	Peta Creek	**Next Inspection Date:**	2022/08/01
Project File ID #:	1795	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Sill -Temporary Materials
Superstructure:	Steel I-beam	**Right**	Sill -Temporary Materials

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	385126	**UTM Northing:**	6009776		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2003				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-132	Structure Name:	G4-936	Road Name:	SUTHERLAND	Inspection Date:	2021/07/09

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	guardrails and risers have decay
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
3	Suggested	Medium	$ 500.00	install 3
4	Suggested	Medium	$ 500.00	
5	Suggested	Medium	$	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-132	Structure Name:	G4-936	Road Name:	SUTHERLAND	Inspection Date:	2021/07/09

MONITORS

#	Description
2	Monitor guardrail and riser block decay

GENERAL

Inspector's Comment:	No up/down stream pics, rails very poor, repairs do not match conditions

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):		2024	**Estimated Replacement (year):**		
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\GZSOMBOR on 2021/12/02 09:37:49		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-159	**Structure Name:**	G4-159	**Road Name:**	SUTHERLAND	**Inspection Date:**	2019/08/08

KM:	26.50	**User km:**	26.50	**Crossing Name:**	Un-named	**Next Inspection Date:**	2022/08/08
Project File ID #:	1795	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,500	
Footing Type:	Steel Footing		**Gradient (%):**		
Culvert Length (metres):	18.4	**Opening Height (mm):**	1,910	**Opening Width (mm):**	3,660
UTM Zone:	10	**UTM Easting:**	381768	**UTM Northing:**	6011076
Inspector Name:	dawson smith	**Year Superstructure Installed:**		2009	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Good	
Fill	Good	
Floor	Not Applicable	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-159	Structure Name:	G4-159	Road Name:	SUTHERLAND	Inspection Date:	2019/08/08

Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	ALL GOOD

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2059	**Estimated Replacement (year):**	2059		
Current Inspection Load Rating:	64	**Design Load GVW (tonnes):**	64	**Design Vehicle Config.:**	CL625
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/14 15:07:51		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-162	**Structure Name:**	G4-162	**Road Name:**	OLD TROUT	**Inspection Date:**	2019/08/08
KM:	4.80	**User km:**	4.80	**Crossing Name:**	Tatin Creek	**Next Inspection Date:**	2022/08/08
Project File ID #:	1795	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Precast
Superstructure:	Steel I-beam	**Right**	Concrete Precast

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	371188	**UTM Northing:**	5997663		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	1993				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Concrete Precast	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	54000	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-162	Structure Name:	G4-162	Road Name:	OLD TROUT	Inspection Date:	2019/08/08

Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	damage on left side
Deck to Girder Bolts	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Fair	
Sub Deck	Fair	
Ties	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	2.0	**Estimated Present Water Level Width:**	3.5
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	REPLACE ROTTEN GUARD RAILS

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-162	Structure Name:	G4-162	Road Name:	OLD TROUT	Inspection Date:	2019/08/08

MONITORS

#	Description

GENERAL

Inspector's Comment:	NEEDS GUARD RAILS REPLACED

GENERAL

PEng's Comment:	I curbs are not replaced soon the bridge could be downrated.

GENERAL

Estimated Load Restriction (year):	2033	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	L60
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/24 11:56:11		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-163	**Structure Name:**	G4-163	**Road Name:**	OLD TROUT	**Inspection Date:**	2019/08/08

KM:	9.00	**User km:**	9.00	**Crossing Name:**	unnamed	**Next Inspection Date:**	2022/08/08
Project File ID #:	1795	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	Right	Steel Pipe and Precast Pad

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10	**UTM Easting:**	373141	**UTM Northing:**	5999712		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	2011				
Access:							

ABUTMENTS

Bearings	Fair	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	63700	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-163	Structure Name:	G4-163	Road Name:	OLD TROUT	Inspection Date:	2019/08/08

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.2
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$	brushing

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-163	Structure Name:	G4-163	Road Name:	OLD TROUT	Inspection Date:	2019/08/08

GENERAL	**Inspector's Comment:**	GOOD, REQUIRES BRUSHING
GENERAL	**PEng's Comment:**	

GENERAL							
Estimated Load Restriction (year):	2056	**Estimated Replacement (year):**	2060				
Current Inspection Load Rating:	64	**Design Load GVW (tonnes):**	64	**Design Vehicle Config.:**	BCL62		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/14 14:45:34				

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-164	**Structure Name:**	G4-166A	**Road Name:**	OLD TROUT	**Inspection Date:**	2019/08/08
KM:	9.30	**User km:**	9.30	**Crossing Name:**	unnamed	**Next Inspection Date:**	2022/08/08
Project File ID #:	1795	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18.3
UTM Zone:	10			**UTM Easting:**	373423	**UTM Northing:**	5999862
Inspector Name:	dawson smith			**Year Superstructure Installed:**		2011	

Access: Structure number was wrong. Changed to G4-166A

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	63700	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-164	Structure Name:	G4-166A	Road Name:	OLD TROUT	Inspection Date:	2019/08/08

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 500.00	brushing

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-164	Structure Name:	G4-166A	Road Name:	OLD TROUT	Inspection Date:	2019/08/08

GENERAL	Inspector's Comment:	BRUSHED IN, COULD NOT GET UP OR DOWN PICTURES
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2056	Estimated Replacement (year):	2060			
Current Inspection Load Rating:	64	Design Load GVW (tonnes):	64	Design Vehicle Config.:	BCL62	
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/01/14 14:48:39			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-166	**Structure Name:**	G4-164A	**Road Name:**	OLD TROUT	**Inspection Date:**	2019/08/08

KM:	12.60	**User km:**	12.60	**Crossing Name:**	unnamed	**Next Inspection Date:**	2022/08/08
Project File ID #:	1795	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18.3
UTM Zone:	10			**UTM Easting:**	375180	**UTM Northing:**	6001982
Inspector Name:	dawson smith			**Year Superstructure Installed:**		2011	

Access: Structure number was wrong. Changed from G4-166 to G4-164A.

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	end of guardrailes exposed
Posted Load Rating (Enter 0 if sign missing)	63700	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-166	Structure Name:	G4-164A	Road Name:	OLD TROUT	Inspection Date:	2019/08/08

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Not Required	Medium	$	PUT FENDERS BACK IN PLACE
2	Not Required	Medium	$ 500.00	brushing

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-166	Structure Name:	G4-164A	Road Name:	OLD TROUT	Inspection Date:	2019/08/08

GENERAL	Inspector's Comment:	good, bridge is marked G4 164 but is G4 166 location?.
GENERAL	PEng's Comment:	

GENERAL							
	Estimated Load Restriction (year):	2050	Estimated Replacement (year):				
	Current Inspection Load Rating:	64	Design Load GVW (tonnes):	64	Design Vehicle Config.:	BCL62	
	Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/01/14 14:56:12			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-167	**Structure Name:**	G4-167	**Road Name:**	OLD TROUT	**Inspection Date:**	2020/05/06
KM:	20.10	**User km:**	20.10	**Crossing Name:**	Ormond Creek	**Next Inspection Date:**	2023/05/06
Project File ID #:	1795	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	380344	**UTM Northing:**	6006993		
Inspector Name:	Warren Wilkinson, Sott Atkinson	**Year Superstructure Installed:**	2010				
Access:	*** FIELD-CHECK 'kilometre' and 'user kilometre' ***						

ABUTMENTS

Bearings	Fair	
Bracing	Fair	
Ballast Wall	Fair	water running down walls left and right sides
Corrosion Protection	Fair	
Caps or Sills	Fair	
Fill	Fair	
Hardware	Fair	
Piles or Posts	Fair	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-167	Structure Name:	G4-167	Road Name:	OLD TROUT	Inspection Date:	2020/05/06

DECK

Span 1

Concrete Deck	Fair	crack in downstream left at guard rail bracket
Curb Rail/Blocks/Posts	Poor	repair damage to rail and brackets
Deck Joints	Poor	re-seal joints
Grout Pockets	Fair	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	
Running Surface	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Fair	rust stains around joints
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.8	**Estimated Present Water Level Width:**	6.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
2	Required	Medium	$	replace broken bolts on curb

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-167	Structure Name:	G4-167	Road Name:	OLD TROUT	Inspection Date:	2020/05/06

GENERAL	**Inspector's Comment:**	Inspected by Scott Atkinson under direct supervision of W.Wilkinson joint inspection with Branch Engineer & DSN engineering staff
GENERAL	**PEng's Comment:**	

GENERAL						
Estimated Load Restriction (year):	2050	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/16 15:21:40			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-160	**Structure Name:**	G4-160	**Road Name:**	OLD TROUT	**Inspection Date:**	2019/10/17

KM:	29.70	**User km:**	23.32	**Crossing Name:**	Peta Creek	**Next Inspection Date:**	2022/10/17
Project File ID #:	1795	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Gravel	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Concrete Precast
Superstructure:	Concrete Slab Girders	**Right**	Concrete Precast

Total Length (metres):	8.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	8
UTM Zone:	10	**UTM Easting:**	381427	**UTM Northing:**	6008008		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	2000				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Precast	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	NOT REQUIRED
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	NOT REQUIRED
Delineator Missing Right (approaching structure)	2	NOT REQUIRED
Fender Condition	None	NOT REQUIRED
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-160	Structure Name:	G4-160	Road Name:	OLD TROUT	Inspection Date:	2019/10/17

DECK

Span 1

Curb Rail/Blocks/Posts	Unrated	NOT REQUIRED
Gravel Deck Depth (metres)	0.5	
Grout Pockets	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	
Hardware	Not Applicable	
Welded/grouted shear connectors	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	THIS IS LOCATED AT APPROX.14KM ON THE OONA FSR (2KMS OFF THE SOUTHERLAND TROUT)

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-160	Structure Name:	G4-160	Road Name:	OLD TROUT	Inspection Date:	2019/10/17

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2050	Estimated Replacement (year):	
Current Inspection Load Rating:	68	Design Load GVW (tonnes):	68
Design Vehicle Config.:	L75		
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/02/03 11:08:23

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-150	**Structure Name:**	G4-150	**Road Name:**	SUTHERLAND	**Inspection Date:**	2019/08/08

KM:	2.70	**User km:**	2.70	**Crossing Name:**	Duncan Creek	**Next Inspection Date:**	2022/08/08
Project File ID #:	1795	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	2,500		**Outlet Cover (mm):**	2,500	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	24.0	**Opening Height (mm):**	2,700	**Opening Width (mm):**	2,700
UTM Zone:	10	**UTM Easting:**	379689	**UTM Northing:**	6014933
Inspector Name:	bceid\dawson smith	**Year Superstructure Installed:**	1993		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	
Overall	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-150	Structure Name:	G4-150	Road Name:	SUTHERLAND	Inspection Date:	2019/08/08

Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	ALL GOOD

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2033	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/23 14:05:55		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-133	**Structure Name:**	G4-133	**Road Name:**	DIPPER	**Inspection Date:**	2020/09/04

KM:	0.70	**User km:**	0.70	**Crossing Name:**	Un-named	**Next Inspection Date:**	2023/09/04
Project File ID #:	1795	**Br.**	06	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:	Precast Concrete Footing		**Gradient (%):**	4.0	
Culvert Length (metres):	18.4	**Opening Height (mm):**	1,840	**Opening Width (mm):**	4,270
UTM Zone:	10	**UTM Easting:**	374970	**UTM Northing:**	6022920
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2009		

Access: Travel up the Sutherland FSR to 43 km. Turn left onto the Sutherland Dipper FSR and travel to 0.7 km

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Fair	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Good	
Fill	Good	1m
Floor	Not Applicable	
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Fair	drop to stream, perched

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-133	Structure Name:	G4-133	Road Name:	DIPPER	Inspection Date:	2020/09/04

Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Good	downstream right only

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	looks good

GENERAL

Estimated Load Restriction (year):	2050	**Estimated Replacement (year):**			
Current Inspection Load Rating:	64	**Design Load GVW (tonnes):**	64	**Design Vehicle Config.:**	BCL62
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/16 14:21:39		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-140	**Structure Name:**	G4-927	**Road Name:**	SUTHERLAND	**Inspection Date:**	2019/08/08

KM:	4.90	**User km:**	4.90	**Crossing Name:**	Angly Creek	**Next Inspection Date:**	2022/08/08
Project File ID #:	1795	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	387742	**UTM Northing:**	6005979		
Inspector Name:	bceid\dawson smith	**Year Superstructure Installed:**	2009				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Good	
Ballast Wall	Good	
Concrete Lock Blocks	Not Applicable	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	68000	

Corporate Bridge Register (CBR)

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Site #:	G4-140	Structure Name:	G4-927	Road Name:	SUTHERLAND	Inspection Date:	2019/08/08

Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 500.00	brushing

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-140	Structure Name:	G4-927	Road Name:	SUTHERLAND	Inspection Date:	2019/08/08

MONITORS

#	Description

GENERAL

Inspector's Comment:	GOOD

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2024	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/14 15:00:21		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-139	**Structure Name:**	G4-139	**Road Name:**	SUTHERLAND	**Inspection Date:**	2020/09/04

KM:	1.90	**User km:**		**Crossing Name:**	Un-named	**Next Inspection Date:**	2023/09/04
Project File ID #:	1795	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Steel	**Running Surface:**	Anti-skid
Curb Type:		**Abutments** (looking downstream) **Left**	Concrete Lock Blocks
Superstructure:	Steel Box Beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10	**UTM Easting:**	390504	**UTM Northing:**	6005458		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2009				

Access: Travel to 12.8 on the Sutherland FSR and turn left onto the Sutherland Oona FSR. Travel to 1.9 km

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	not sitting on center of blocks
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	75	

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-139	Structure Name:	G4-139	Road Name:	SUTHERLAND	Inspection Date:	2020/09/04

Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Poor	non slip worn off
Steel Deck Plate	Good	

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	
Diaphrams	Unrated	does not have any
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-139	Structure Name:	G4-139	Road Name:	SUTHERLAND	Inspection Date:	2020/09/04

GENERAL	Inspector's Comment:	
GENERAL	PEng's Comment:	looks good

GENERAL							
Estimated Load Restriction (year):	2039	Estimated Replacement (year):					
Current Inspection Load Rating:	68	Design Load GVW (tonnes):	68	Design Vehicle Config.:	L75		
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2021/02/16 14:26:39				

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-145	**Structure Name:**	G4-123	**Road Name:**	ANGLY	**Inspection Date:**	2020/09/04

KM:	3.60	**User km:**	3.60	**Crossing Name:**	Angly Creek	**Next Inspection Date:**	2023/09/04
Project File ID #:	1795	**Br.**	08	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** Left	Concrete Lock Blocks
Superstructure:	Steel I-beam	Right	Concrete Lock Blocks

Total Length (metres):	9.1	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9
UTM Zone:	10	**UTM Easting:**	390461	**UTM Northing:**	6010122		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2013				

Access: Turn right at km 17 on the Sutherland FSR.

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	2 timbers right, log and timper on left
Concrete Lock Blocks	Good	Movement right side downstream block
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	Corner left side
Bridge Ahead Signs Missing	1	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-145	Structure Name:	G4-123	Road Name:	ANGLY	Inspection Date:	2020/09/04

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Excellent	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.1	Estimated Present Water Level Width:	2.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-145	Structure Name:	G4-123	Road Name:	ANGLY	Inspection Date:	2020/09/04

GENERAL	Inspector's Comment:	
GENERAL	PEng's Comment:	looks good

GENERAL							
	Estimated Load Restriction (year):	2045	Estimated Replacement (year):				
	Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100	
	Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2021/02/16 14:29:42			

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-148	**Structure Name:**	G4-148	**Road Name:**	ANGLY	**Inspection Date:**	2020/09/30

KM:	4.00	**User km:**	4.10	**Crossing Name:**	Unnamed Creek	**Next Inspection Date:**	2023/09/30
Project File ID #:	1795	**Br.**	08	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	480		**Outlet Cover (mm):**	670	
Footing Type:	Steel Footing		**Gradient (%):**	5.4	
Culvert Length (metres):	12.2	**Opening Height (mm):**	1,030	**Opening Width (mm):**	1,930
UTM Zone:	10	**UTM Easting:**	390582	**UTM Northing:**	6010484
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**		2020	
Access:					

APPROACHES

Alignment	Fair	Poor vertical, humped over arch
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Unrated	None
Road Surface	Fair	Poor vertical, humped over arch

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Not Applicable	
Embedment Materials	Poor	Footing exposed
Fill	Good	
Floor	Unrated	Open bottom
Footing	Poor	Exposed
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Poor	Exposed footing

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-148	Structure Name:	G4-148	Road Name:	ANGLY	Inspection Date:	2020/09/30

Overall	Fair	
Riprap	Fair	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	Yes	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment: New install, poor installation

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 1.00	Install rock apron at outlet, construct wier for fish passage
2	Required	High	$ 1.00	Add more fill to approaches so grader doesnt remove cover over arch
3	Required	Medium	$ 1.00	Replace embedment material

MONITORS

#	Description

GENERAL

Inspector's Comment: Possible failure next freshet as footings will undermine.Stream channel is about 8%, arch at 3%, outlet is perched.

GENERAL

PEng's Comment: Will look at this culvert in 2021 to confirm what repairs and/or load restrictions are required.

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-148	Structure Name:	G4-148	Road Name:	ANGLY	Inspection Date:	2020/09/30

GENERAL

Estimated Load Restriction (year):	2035	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/16 15:17:27		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-146	**Structure Name:**	G4-921	**Road Name:**	ANGLY	**Inspection Date:**	2021/07/09
KM:	7.30	**User km:**	7.30	**Crossing Name:**	Un-named	**Next Inspection Date:**	2024/07/09
Project File ID #:	1795	**Br.**	08	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Sill -Temporary Materials
Superstructure:	Steel I-beam	**Right**	Sill -Temporary Materials

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	393494	**UTM Northing:**	6011692		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2009				

Access: Travel up the Sutherland FSR to 17 km and turn right onto the Sutherland Angly FSR. Travel to 7.3 km

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-146	Structure Name:	G4-921	Road Name:	ANGLY	Inspection Date:	2021/07/09

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Not Applicable	(GOOD GZ)
Sub Deck	Good	(N/A GZ)
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-146	Structure Name:	G4-921	Road Name:	ANGLY	Inspection Date:	2021/07/09

GENERAL	**Inspector's Comment:**	No significant issues. GZ
GENERAL	**PEng's Comment:**	

GENERAL						
Estimated Load Restriction (year):	2024	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/02 14:22:00			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-147	**Structure Name:**	G4-922	**Road Name:**	ANGLY	**Inspection Date:**	2021/07/09
KM:	9.00	**User km:**	9.00	**Crossing Name:**	Un-named	**Next Inspection Date:**	2021/08/08
Project File ID #:	1795	**Br.**	08	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Sill -Temporary Materials
Superstructure:	Steel I-beam	**Right**	Sill -Temporary Materials

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18.3
UTM Zone:	10	**UTM Easting:**	394763	**UTM Northing:**	6012971		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2009				

Access: Travel up the Sutherland FSR to 17 km and turn right onto the Sutherland Angly FSR. Travel to 9 km.

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-147	Structure Name:	G4-922	Road Name:	ANGLY	Inspection Date:	2021/07/09

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	Estimated Present Water Level Width:	2.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-147	Structure Name:	G4-922	Road Name:	ANGLY	Inspection Date:	2021/07/09

GENERAL	**Inspector's Comment:**	No pics up/down stream, no pics of ballast walls (to be monitored)
GENERAL	**PEng's Comment:**	

GENERAL						
Estimated Load Restriction (year):	2024	**Estimated Replacement (year):**	2024			
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\GZSOMBOR on 2022/01/10 12:27:34			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-210	**Structure Name:**	G4-933	**Road Name:**	ANGLY 900 FSR	**Inspection Date:**	2020/09/04

KM:	4.60	**User km:**	4.60	**Crossing Name:**	Unnamed Creek	**Next Inspection Date:**	2022/09/04
Project File ID #:	1795	**Br.**	12	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10	**UTM Easting:**	391581	**UTM Northing:**	6015035		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2014				
Access:							

ABUTMENTS

Bearings	Good	not centered on sill
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Log/Timber Cribs	Unrated	does not have
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Tie-backs	Not Applicable	
Wing Wall	Good	right downstream

APPROACHES

Alignment	Good	hill on left side
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	fire damage Shovle Lake fire

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-210	Structure Name:	G4-933	Road Name:	ANGLY 900 FSR	Inspection Date:	2020/09/04

Posted Load Rating (Enter 0 if sign missing)	68	
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Fair	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-210	Structure Name:	G4-933	Road Name:	ANGLY 900 FSR	Inspection Date:	2020/09/04

MONITORS

#	Description

GENERAL

Inspector's Comment:	remove reference to Log/Timber Cribs

GENERAL

PEng's Comment:	looks ok

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/18 13:33:50		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-131	**Structure Name:**	G4-909	**Road Name:**	DUNCAN	**Inspection Date:**	2018/09/27

KM:	4.20	**User km:**	0.00	**Crossing Name:**	Duncan Creek	**Next Inspection Date:**	2022/10/01
Project File ID #:	1795	**Br.**	13	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Sill - Permanent Materials
Superstructure:	Steel I-beam	**Right**	Sill - Permanent Materials

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	381584	**UTM Northing:**	6017179		
Inspector Name:	Adam Mathison, GradTech	**Year Superstructure Installed:**	2011				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Good	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	Existing piles and timbers from old bridge retaining fill
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	Reattach
Delineator Missing Right (approaching structure)	0	Reattach
Fender Condition	Fair	Sections not connected, need to be flared more
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-131	Structure Name:	G4-909	Road Name:	DUNCAN	Inspection Date:	2018/09/27

Span 1

Curb Rail/Blocks/Posts	Fair	Starting to rot, some damage to steel risers
Deck to Girder Bolts	Good	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment: Beaver dam on upstream side

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$ 500.00	Install bridge ahead signs and reattach delineators
2	Required	Medium	$	Remove accumulated material at bridge corners
3	Required	Low	$	Reposition fenders

MONITORS

#	Description
1	Monitor beaver dam upstream of bridge

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-131	Structure Name:	G4-909	Road Name:	DUNCAN	Inspection Date:	2018/09/27

GENERAL	**Inspector's Comment:**	Bridge is in overall fair condition due to signage and fenders.
GENERAL	**PEng's Comment:**	

GENERAL						
Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2019/02/05 09:05:48			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-135	**Structure Name:**	G4-923	**Road Name:**	DUNCAN	**Inspection Date:**	2020/05/13
KM:	0.30	**User km:**	0.30	**Crossing Name:**	No Name Creek	**Next Inspection Date:**	2023/05/13
Project File ID #:	1795	**Br.**	13	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18.3
UTM Zone:	10	**UTM Easting:**	375123	**UTM Northing:**	6024091		
Inspector Name:	Sey Choi	**Year Superstructure Installed:**	2000				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Fair	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	
Fill	Fair	
Hardware	Fair	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Poor	slope erosion to be monitored in future

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Fair	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-135	Structure Name:	G4-923	Road Name:	DUNCAN	Inspection Date:	2020/05/13

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Good	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Not Applicable	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	Estimated Present Water Level Width:	5.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	Yes	Scour:	No	Ice:	Yes	Debris:	Yes	Aggradation:	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-135	Structure Name:	G4-923	Road Name:	DUNCAN	Inspection Date:	2020/05/13

MONITORS

#	Description
1	Fender Condition
2	Fill Behind Ballast Walls

GENERAL

Inspector's Comment:	Overall good condition. Actual Structure ID was G4-922, but it is an identical structure to G4-923. The current Structure Id will be kept and the structure will be remarked as G4-923. Structure ID will be G4-922. Site G4-147 structure will be renamed to G4-923. GZ

GENERAL

PEng's Comment:	Good for L-100

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/05/20 12:32:29		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-134	**Structure Name:**	G4-134	**Road Name:**	DUNCAN	**Inspection Date:**	2021/07/09

KM:	14.70	**User km:**	43.50	**Crossing Name:**	unnamed	**Next Inspection Date:**	2024/07/09
Project File ID #:	1795	**Br.**	13	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	3,000		**Outlet Cover (mm):**	3,000	
Footing Type:	Precast Concrete Footing		**Gradient (%):**	4.0	
Culvert Length (metres):	22.0	**Opening Height (mm):**	1,840	**Opening Width (mm):**	4,270
UTM Zone:	10	**UTM Easting:**	375282	**UTM Northing:**	6023159
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**		2009	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Good	
Fill	Good	
Floor	Not Applicable	
Footing	Not Applicable	
Head Wall	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-134	Structure Name:	G4-134	Road Name:	DUNCAN	Inspection Date:	2021/07/09

Inlet	Good	
Outlet	Good	
Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	Poor pictures but no issues. GZ

GENERAL

PEng's Comment:	No concerns. BH

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-134	Structure Name:	G4-134	Road Name:	DUNCAN	Inspection Date:	2021/07/09

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	64	**Design Load GVW (tonnes):**	64	**Design Vehicle Config.:**	BCL62
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/02 14:05:48		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-230	**Structure Name:**	G5-810	**Road Name:**	SUTHERLAND	**Inspection Date:**	2020/10/08

KM:	5.88	**User km:**	0.00	**Crossing Name:**	Unknown	**Next Inspection Date:**	2023/10/08
Project File ID #:	1795	**Br.**	17	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments** (looking downstream) **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	24.4	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	24.4
UTM Zone:	10	**UTM Easting:**	379313	**UTM Northing:**	6027629		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2018				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Fair	
Hardware	Good	
Piles or Posts	Unrated	not observable
Riprap	Not Applicable	
Wing Wall	Good	

APPROACHES

Alignment	Fair	Hill and Corners
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	63	

Corporate Bridge Register (CBR)

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G4-230	Structure Name:	G5-810	Road Name:	SUTHERLAND	Inspection Date:	2020/10/08

Road Surface	Fair	

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	5.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-230	Structure Name:	G5-810	Road Name:	SUTHERLAND	Inspection Date:	2020/10/08

GENERAL	Inspector's Comment:	
GENERAL	PEng's Comment:	looks good

GENERAL							
Estimated Load Restriction (year):	2026	Estimated Replacement (year):					
Current Inspection Load Rating:	64	Design Load GVW (tonnes):	64	Design Vehicle Config.:	BCL62		
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2021/03/02 08:36:49				

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-231	**Structure Name:**	G1-910	**Road Name:**	SUTHERLAND	**Inspection Date:**	2020/10/08

KM:	8.10	**User km:**	0.00	**Crossing Name:**	Unknown	**Next Inspection Date:**	2023/10/08
Project File ID #:	1795	**Br.**	17	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** Left	Concrete Lock Blocks
Superstructure:	Steel I-beam	Right	Concrete Lock Blocks

Total Length (metres):	20.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	20
UTM Zone:	10	**UTM Easting:**	377949	**UTM Northing:**	6028232		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2019				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Fair	left side blocks are leaning in towards stream, right side blocks have bulging
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Fair	

APPROACHES

Alignment	Poor	hills and S corners pothe sides
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	100	should be L75

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G4-231	Structure Name:	G1-910	Road Name:	SUTHERLAND	Inspection Date:	2020/10/08

Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-231	Structure Name:	G1-910	Road Name:	SUTHERLAND	Inspection Date:	2020/10/08

MONITORS

#	Description

GENERAL

Inspector's Comment:	Left Lock Block wall is leaning in. Ed Folk from Celtic Engineering was on site for the duration of this bridge installation and acted as POR. The lean in the lock block abutment occurred during the installation, not after. Sean Baumann was on site most of the time as well and expressed some concern to Ed about the lean in the lock blocks, but Ed assured us that this was OK, and he had no issue approving the installation as it was. (comments from Ken Yorston)

GENERAL

PEng's Comment:	bridge appears in ok condition.

GENERAL

Estimated Load Restriction (year):	2029	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/01/22 15:08:10		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-232	**Structure Name:**	G5-298	**Road Name:**	SUTHERLAND	**Inspection Date:**	2020/10/08

KM:	10.50	**User km:**	0.00	**Crossing Name:**	Unknown	**Next Inspection Date:**	2023/10/08
Project File ID #:	1795	**Br.**	17	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	377027	**UTM Northing:**	6029840		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2018				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	bottom of hill
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	100	
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-232	Structure Name:	G5-298	Road Name:	SUTHERLAND	Inspection Date:	2020/10/08

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Not Applicable	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Excellent	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.1	Estimated Present Water Level Width:	1.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-232	Structure Name:	G5-298	Road Name:	SUTHERLAND	Inspection Date:	2020/10/08

GENERAL	Inspector's Comment:	
GENERAL	PEng's Comment:	Looks ok

GENERAL						
Estimated Load Restriction (year):	2030	Estimated Replacement (year):				
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100	
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2021/03/02 08:42:42			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-161	**Structure Name:**	G5-161	**Road Name:**	HAT	**Inspection Date:**	2020/10/09

KM:	5293.00	**User km:**	5.20	**Crossing Name:**	Un-named	**Next Inspection Date:**	2023/10/09
Project File ID #:	6057	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,900		**Outlet Cover (mm):**	2,100	
Footing Type:	Steel Footing		**Gradient (%):**	2.0	
Culvert Length (metres):	28.0	**Opening Height (mm):**	2,500	**Opening Width (mm):**	3,400
UTM Zone:	10	**UTM Easting:**	420713	**UTM Northing:**	6069554
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**		2019	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Excellent	
Embedment Materials	Good	
Fill	Good	
Floor	Not Applicable	
Footing	Unrated	Buried
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-161	Structure Name:	G5-161	Road Name:	HAT	Inspection Date:	2020/10/09

Inlet	Good	
Outlet	Good	
Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	0.6		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment: Beaver activity

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: Culvert looks good. Need to get certification documents from industry. Conceptual drawings indicate L100

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-161	Structure Name:	G5-161	Road Name:	HAT	Inspection Date:	2020/10/09

GENERAL

Estimated Load Restriction (year):	2064	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/19 12:06:11		

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-160	**Structure Name:**	G5-160A	**Road Name:**	HAT	**Inspection Date:**	2019/09/05
KM:	4.00	**User km:**	42.90	**Crossing Name:**	Tezzeron Creek	**Next Inspection Date:**	2022/09/05
Project File ID #:	6057	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	36.6	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	36
UTM Zone:	10	**UTM Easting:**	421930	**UTM Northing:**	6070343		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	2015				

Access: 42.9 km Germanson Hat FSR @ 39 km North Road

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-160	Structure Name:	G5-160A	Road Name:	HAT	Inspection Date:	2019/09/05

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	5.0
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 400.00	ADD LOAD LIMIT SIGN

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-160	Structure Name:	G5-160A	Road Name:	HAT	Inspection Date:	2019/09/05

GENERAL	Inspector's Comment:	BRIDGE AHEAD SIGNS BUT NO LOAD LIMIT
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2060	Estimated Replacement (year):				
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100	
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/02/11 15:41:43			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-150	**Structure Name:**	G5-150	**Road Name:**	CRIPPLE	**Inspection Date:**	2019/09/11
KM:	13.00	**User km:**	413.00	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/09/11
Project File ID #:	6057	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	19.0	**Opening Height (mm):**	3,000	**Opening Width (mm):**	3,000
UTM Zone:	10	**UTM Easting:**	436365	**UTM Northing:**	6082216
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1984		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Not Applicable	
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Fair	NEEDS BRUSHING
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-150	Structure Name:	G5-150	Road Name:	CRIPPLE	Inspection Date:	2019/09/11

Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	NEEDS BRUSHING

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2034	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/27 12:40:19		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-151	**Structure Name:**	G5-151A	**Road Name:**	CRIPPLE	**Inspection Date:**	2020/05/21
KM:	26.50	**User km:**	426.50	**Crossing Name:**	Salmon River	**Next Inspection Date:**	2023/05/21
Project File ID #:	6057	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	16.7	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	16
UTM Zone:	10	**UTM Easting:**	448687	**UTM Northing:**	6084435		
Inspector Name:	Vince Sewell	**Year Superstructure Installed:**	2016				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Unrated	can't see
Ballast Wall	Good	
Corrosion Protection	Good	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	faded, replce
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	High chane downstream pulled apart but still in place
Posted Load Rating (Enter 0 if sign missing)	100	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-151	Structure Name:	G5-151A	Road Name:	CRIPPLE	Inspection Date:	2020/05/21

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Fair	soled but showing wear
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.2	**Estimated Present Water Level Width:**	10.0
Estimated High Water Level Clearance:	1.2		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
3	Required	High		high chain dowstrream

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-151	Structure Name:	G5-151A	Road Name:	CRIPPLE	Inspection Date:	2020/05/21

GENERAL	Inspector's Comment:	
GENERAL	PEng's Comment:	looks good

GENERAL							
Estimated Load Restriction (year):	2051	Estimated Replacement (year):					
Current Inspection Load Rating:	91	Design Load GVW (tonnes):		Design Vehicle Config.:	L100		
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2021/03/01 11:34:46				

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-170	**Structure Name:**	G5-170	**Road Name:**	INDATA	**Inspection Date:**	2021/09/22

KM:	2.40	**User km:**	0.00	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/09/22
Project File ID #:	6057	**Br.**	04	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	2,000		**Outlet Cover (mm):**	2,000	
Footing Type:			**Gradient (%):**	1.0	
Culvert Length (metres):	21.0	**Opening Height (mm):**	2,000	**Opening Width (mm):**	2,000
UTM Zone:	10	**UTM Easting:**	417676	**UTM Northing:**	6121617
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1990		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Not Applicable	
Footing	Not Applicable	
Head Wall	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-170	Structure Name:	G5-170	Road Name:	INDATA	Inspection Date:	2021/09/22

Inlet	Good	overflow pipe plugged
Outlet	Good	
Overall	Fair	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Good	

CHANNEL

Estimated Present Water Level Depth:	1.5	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
3	Required	Medium	$	Clean inlet of overflow pipe

MONITORS

#	Description

GENERAL

Inspector's Comment:	overflow pipe plugged by beavers Unable to confirm culvert ratings due to flooded channel. Note heavy rust in pictures on inside and outside of pipes. GZ

GENERAL

PEng's Comment:	No major concerns. BH

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-170	Structure Name:	G5-170	Road Name:	INDATA	Inspection Date:	2021/09/22

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/05 11:22:51		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-174	**Structure Name:**	G5-174-2	**Road Name:**	INDATA	**Inspection Date:**	2021/09/08

KM:	13.10	**User km:**	12.30	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/09/08
Project File ID #:	6057	**Br.**	04	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Pipe Arch		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,500		**Outlet Cover (mm):**	1,600	
Footing Type:			**Gradient (%):**	1.0	
Culvert Length (metres):	16.0	**Opening Height (mm):**	1,500	**Opening Width (mm):**	1,500
UTM Zone:	10	**UTM Easting:**	408418	**UTM Northing:**	6121009
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	1990		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Unrated	None
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Head Wall	Not Applicable	
Inlet	Fair	Large piece of riprap in front of inlet
Outlet	Good	
Overall	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-174	Structure Name:	G5-174-2	Road Name:	INDATA	Inspection Date:	2021/09/08

Riprap	Fair	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	3.2
Estimated High Water Level Clearance:	0.4		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	Yes

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
3	Required	Medium		Remove large rock from inlet

MONITORS

#	Description

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: No major concerns.

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/06 09:01:47		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-174	**Structure Name:**	G5-174	**Road Name:**	INDATA	**Inspection Date:**	2021/09/08
KM:	13.10	**User km:**	12.30	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/09/08
Project File ID #:	6057	**Br.**	04	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	1,000	**Outlet Cover (mm):**	1,000
Footing Type:		**Gradient (%):**	1.0

Culvert Length (metres):	16.0	**Opening Height (mm):**	1,600	**Opening Width (mm):**	1,600
UTM Zone:	10	**UTM Easting:**	408418	**UTM Northing:**	6121009

Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	1990
Access:			

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Unrated	None
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Unrated	Buried
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-174	Structure Name:	G5-174	Road Name:	INDATA	Inspection Date:	2021/09/08

Overall	Good	
Riprap	Fair	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	3.2
Estimated High Water Level Clearance:	0.4		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	Yes
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	No major issues. BH

GENERAL

Estimated Load Restriction (year):	2026	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/06 13:58:11		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-175	**Structure Name:**	G5-175	**Road Name:**	INDATA	**Inspection Date:**	2021/09/22

KM:	15.50	**User km:**	16.00	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/09/22
Project File ID #:	6057	**Br.**	04	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	800		**Outlet Cover (mm):**	800	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	15.0	**Opening Height (mm):**	2,400	**Opening Width (mm):**	2,400
UTM Zone:	10	**UTM Easting:**	406998	**UTM Northing:**	6118776
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1999		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Not Applicable	
Footing	Not Applicable	
Head Wall	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-175	Structure Name:	G5-175	Road Name:	INDATA	Inspection Date:	2021/09/22

Inlet	Good	
Outlet	Good	
Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
3	monitor beaver activity upstream

GENERAL

Inspector's Comment:	beaver dam approx. 10 yards up stream No issues. GZ

GENERAL

PEng's Comment:	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-175	Structure Name:	G5-175	Road Name:	INDATA	Inspection Date:	2021/09/22

GENERAL

Estimated Load Restriction (year):	2040	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/06 09:24:14		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-171	**Structure Name:**	G5-171	**Road Name:**	INDATA	**Inspection Date:**	2021/09/22
KM:	18.80	**User km:**	18.80	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/09/22
Project File ID #:	6057	**Br.**	04	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	15.7	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.7
UTM Zone:	10	**UTM Easting:**	404918	**UTM Northing:**	6118072		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1999				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	some out of place
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	needs grading

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-171	Structure Name:	G5-171	Road Name:	INDATA	Inspection Date:	2021/09/22

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	need replaced
Deck Joints	Good	
Grout Pockets	Not Applicable	deck muddy
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Poor	riser blocks need replaced

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
4	Required	High		Replace riser blocks
5	Required	Medium		Install bridge ahead signs both sides
7	Required	Medium		Install 1 delineator
8	Required	Medium		Reposition fenders

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-171	Structure Name:	G5-171	Road Name:	INDATA	Inspection Date:	2021/09/22

MONITORS

#	Description

GENERAL

Inspector's Comment:	Riser blocks show significant decay, they need to be replaced No significant issues other than rotten riser blocks. GZ

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2040	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/05 11:42:29		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-172	**Structure Name:**	G5-172	**Road Name:**	INDATA	**Inspection Date:**	2021/09/08
KM:	19.10	**User km:**	19.10	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/09/08
Project File ID #:	6057	**Br.**	04	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Pipe Arch		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	2,000		**Outlet Cover (mm):**	2,200	
Footing Type:			**Gradient (%):**	2.0	
Culvert Length (metres):	15.0	**Opening Height (mm):**	1,000	**Opening Width (mm):**	1,550
UTM Zone:	10	**UTM Easting:**	410310	**UTM Northing:**	6122282
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	1990		
Access:	Minor culvert on Apollo Permit R09277.I				

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Fair	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Fair	
Floor	Fair	
Head Wall	Not Applicable	
Inlet	Fair	
Outlet	Good	
Overall	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-172	Structure Name:	G5-172	Road Name:	INDATA	Inspection Date:	2021/09/08

Riprap	Not Applicable	
Roof	Good	
Side Walls	Fair	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.6
Estimated High Water Level Clearance:	0.3		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	No

Comment: Beavers have a dam around inlet. Does not block inlet.

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment: A minor pipe arch. Set to do not inspect.

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):	2040	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 16:41:50		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-173	**Structure Name:**	G5-173	**Road Name:**	INDATA	**Inspection Date:**	2001/09/12

KM:	26.20	**User km:**	23.00	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2030/01/01
Project File ID #:	6057	**Br.**	04	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	500		**Outlet Cover (mm):**	500	
Footing Type:			**Gradient (%):**	1.5	
Culvert Length (metres):	18.0	**Opening Height (mm):**	1,600	**Opening Width (mm):**	1,600
UTM Zone:	10	**UTM Easting:**	417252	**UTM Northing:**	6121918
Inspector Name:	Tim Silbernagel		**Year Superstructure Installed:**	1990	

Access: Stay left at 25.1 km Junction with Chuchi Road.
Minor culvert

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Riprap	Good	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-173	Structure Name:	G5-173	Road Name:	INDATA	Inspection Date:	2001/09/12

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
2	Suggested	Medium	$ 0.00	Span: 1.0. Debris removal. Remove log at inlet.

MONITORS

#	Description

GENERAL

Inspector's Comment:	nullCulvert: 1)log at inlet 2) 15 cm drop to small plunge pool.

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2040	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\RMGETZLA on 2012/04/12 14:46:08		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-190	**Structure Name:**	G5-190	**Road Name:**	TSILCOH	**Inspection Date:**	2021/09/21
KM:	11.80	**User km:**	11.80	**Crossing Name:**	Tsilcoh River	**Next Inspection Date:**	2024/09/21
Project File ID #:	6057	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Pile -Permanent Materials
Superstructure:	Steel I-beam	Right	Pile -Permanent Materials

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18.3
UTM Zone:	10	**UTM Easting:**	435597	**UTM Northing:**	6072016		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2002				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	some out of place or missing
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	needs grading

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-190	Structure Name:	G5-190	Road Name:	TSILCOH	Inspection Date:	2021/09/21

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Not Applicable	(Rate as GOOD. GZ)
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
4	Required	High	$ 0.00	Realign approach fenders
5	Required	Medium		Install all 4 delineators
6	Required	High		Install both bridge ahead signs
8	Required	Medium	$ 0.00	Grade approaches

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-190	Structure Name:	G5-190	Road Name:	TSILCOH	Inspection Date:	2021/09/21

MONITORS

#	Description

GENERAL

Inspector's Comment:	No issues. GZ

GENERAL

PEng's Comment:	No concerns. BH

GENERAL

Estimated Load Restriction (year):	2045	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/06 14:32:32		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-207	**Structure Name:**	G5-302	**Road Name:**	NORTH SALMON	**Inspection Date:**	2020/05/12

KM:	4.50	**User km:**	10.50	**Crossing Name:**	Unnamed	**Next Inspection Date:**	2022/05/12
Project File ID #:	6057	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Log or Untreated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	9.1	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9.1
UTM Zone:	10			**UTM Easting:**	447065	**UTM Northing:**	6094073
Inspector Name:	Vince Sewell			**Year Superstructure Installed:**		2020	

Access: Bridge is on BR. 36. update once RRS-CBR issues resolved. LNH

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Good	
Caps or Sills	Good	log sills
Fill	Good	
Hardware	Good	
Log/Timber Cribs	Unrated	N\A
Piles or Posts	Not Applicable	
Riprap	Good	
Tie-backs	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-207	Structure Name:	G5-302	Road Name:	NORTH SALMON	Inspection Date:	2020/05/12

Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Excellent	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-207	Structure Name:	G5-302	Road Name:	NORTH SALMON	Inspection Date:	2020/05/12

MONITORS

#	Description

GENERAL

Inspector's Comment:	change user kms location to 10.5km

GENERAL

PEng's Comment:	looks ok

GENERAL

Estimated Load Restriction (year):	2034	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/02 09:43:22		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-180	**Structure Name:**	G5-180	**Road Name:**	NORTH SALMON	**Inspection Date:**	2021/07/07
KM:	4.70	**User km:**	604.70	**Crossing Name:**	Salmon River	**Next Inspection Date:**	2024/07/07
Project File ID #:	6057	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Binwall
Superstructure:	Steel I-beam	**Right**	Binwall

Total Length (metres):	16.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	16
UTM Zone:	10	**UTM Easting:**	446165	**UTM Northing:**	6088323		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1991				
Access:							

ABUTMENTS

Bearings	Good	
Binwall	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	Right Side corner, left side hill and corner
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	68	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-180	Structure Name:	G5-180	Road Name:	NORTH SALMON	Inspection Date:	2021/07/07

Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	Broken curb and post. Damaged curb
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Good	Some wear from trucks with chains
Sub Deck	Good	Creosode
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.6	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-180	Structure Name:	G5-180	Road Name:	NORTH SALMON	Inspection Date:	2021/07/07

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	No concerns. BH

GENERAL

Estimated Load Restriction (year):	2031	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/06 14:13:18		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-183	**Structure Name:**	G5-919	**Road Name:**	S SIDE TEZZERON	**Inspection Date:**	2021/09/22
KM:	6.30	**User km:**	6.30	**Crossing Name:**	Unnamed	**Next Inspection Date:**	2024/09/22
Project File ID #:	6057	**Br.**	14	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** Left	Concrete Lock Blocks
Superstructure:	Steel I-beam	Right	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10	**UTM Easting:**	412526	**UTM Northing:**	6057091		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1999				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Concrete Precast	Unrated	Lock blocks, good
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-183	Structure Name:	G5-919	Road Name:	S SIDE TEZZERON	Inspection Date:	2021/09/22

Posted Load Rating (Enter 0 if sign missing)	68	
Road Surface	Fair	needs grading

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:	beaver dam under structure								

REPAIRS

#	Status	Priority	Estimate	Description
2	Required	Medium	$ 0.00	Remove Beaver dam
3	Required	Medium	$ 0.00	Repair approach fill.

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-183	Structure Name:	G5-919	Road Name:	S SIDE TEZZERON	Inspection Date:	2021/09/22

MONITORS

#	Description

GENERAL

Inspector's Comment:	beaver dam under structure No significant issues other than beaver dam. GZ

GENERAL

PEng's Comment:	No concerns. BH

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**		2025	
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/24 13:37:47		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-005	**Structure Name:**	G5-921	**Road Name:**	OLD CINNABAR	**Inspection Date:**	2021/09/22

KM:	0.60	**User km:**	0.60	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/09/22
Project File ID #:	6057	**Br.**	15	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10	**UTM Easting:**	413298	**UTM Northing:**	6056752		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1999				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	some out of place
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-005	Structure Name:	G5-921	Road Name:	OLD CINNABAR	Inspection Date:	2021/09/22

Road Surface	Fair	needs grading

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	(Rate as poor for rot. GZ)
Deck to Girder Bolts	Good	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Fair	(rated as FAIR. GZ)
Sub Deck	Good	(none)
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-005	Structure Name:	G5-921	Road Name:	OLD CINNABAR	Inspection Date:	2021/09/22

REPAIRS

#	Status	Priority	Estimate	Description
7	Required	Medium	$ 0.00	Brushing required.
8	Required	Medium	$ 0.00	Install bridge ahead signs.
9	Required	Medium	$ 0.00	Cap and grade approaches
10	Required	Medium	$ 0.00	Realign approach fenders
11	Required	High		Replace rotten sections of curbs.

MONITORS

#	Description
4	monitor guardrail and riser blocks for decay, see pics
5	Monitor deck and subdeck for rot.

GENERAL

Inspector's Comment:	Deck and rails look rotten. Suggest load restrictions. Flagged for in-house inspection next summer. GZ

GENERAL

PEng's Comment:	Repairs should be done to rails and deck. Down rating is possible at any time. Flagged for P.Eng Inspection 2022. BH

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	Yes	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/20 14:27:38		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-194	**Structure Name:**	G5-194	**Road Name:**	A74600	**Inspection Date:**	2010/06/23
KM:	1.00	**User km:**		**Crossing Name:**	unnamed	**Next Inspection Date:**	2012/06/23
Project File ID #:	6057	**Br.**	25	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments** (looking downstream) **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9
UTM Zone:	10			**UTM Easting:**	426866	**UTM Northing:**	6066919
Inspector Name:	Warren Wilkinson			**Year Superstructure Installed:**			

Access: Note: Bridge Deactivated as identified by Warren Wilkinson August 29, 2012.

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	both approaches come off corners
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-194	Structure Name:	G5-194	Road Name:	A74600	Inspection Date:	2010/06/23

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Not Applicable	
Sub Deck	Unrated	cover with dirt
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:	No Flow - Still water								

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-194	Structure Name:	G5-194	Road Name:	A74600	Inspection Date:	2010/06/23

GENERAL	**Inspector's Comment:**	
GENERAL	**PEng's Comment:**	Refer to Inspection Comments for historical PEng Comments

GENERAL							
	Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**				
	Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**		
	Professional Inspection Required?	No	**Report Status:**	Accepted By Raymond Getzlaf on 2012/04/12 00:00:00			

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-199	**Structure Name:**	G5-979	**Road Name:**	COHO	**Inspection Date:**	2016/07/07

KM:	1.20	**User km:**	1.20	**Crossing Name:**	Unknown	**Next Inspection Date:**	2016/07/07
Project File ID #:	6057	**Br.**	32	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):			**Outlet Cover (mm):**		
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	14.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	444673	**UTM Northing:**	6088200
Inspector Name:	Donovan J. A. Melin		**Year Superstructure Installed:**		
Access:	Minor culvert				

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	minor rust
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	minor rust
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-199	Structure Name:	G5-979	Road Name:	COHO	Inspection Date:	2016/07/07

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	Culvert is in good condition.

GENERAL

PEng's Comment:	Need to verify if this is a culvert or a bridge at the location.

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2017/01/19 10:01:43		

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-181	**Structure Name:**	G5-181	**Road Name:**	COHO	**Inspection Date:**	2021/07/07
KM:	3.90	**User km:**	3.90	**Crossing Name:**	unnamed	**Next Inspection Date:**	2024/07/07
Project File ID #:	6057	**Br.**	32	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments** (looking downstream) **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10	**UTM Easting:**	443529	**UTM Northing:**	6089428		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2009				

Access:

ABUTMENTS

Bearings	Poor	Due to shifting of blocks not level on concrete
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Poor	Shifted
Corrosion Protection	Not Applicable	
Caps or Sills	Unrated	No sill
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Fair	Needs more to lock in
Wing Wall	Good	

APPROACHES

Alignment	Poor	Bottom of steep hill both sides
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

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Site #:	G5-181	Structure Name:	G5-181	Road Name:	COHO	Inspection Date:	2021/07/07

Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Good	
Sub Deck	Good	
Ties	Fair	Ties have been reused rotated 180?

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Fair	Girders resting on edge of blocks
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-181	Structure Name:	G5-181	Road Name:	COHO	Inspection Date:	2021/07/07

MONITORS

#	Description

GENERAL

Inspector's Comment:	Professional Inspection required Active logging on road proposed BCTS blocks past bridge possible Canfor blocks

GENERAL

PEng's Comment:	Good condition. BH

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/06 14:19:03		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-200	**Structure Name:**	G5-980	**Road Name:**	COHO	**Inspection Date:**	2021/07/07
KM:	5.40	**User km:**	5.40	**Crossing Name:**	Unknown	**Next Inspection Date:**	2024/07/07
Project File ID #:	6057	**Br.**	32	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	18.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	10	**UTM Easting:**	443781	**UTM Northing:**	6090623		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2008				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Fair	Washing right upstream between fender and bridge
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Good	

APPROACHES

Alignment	Poor	Steep Hill both sides corner at top of one
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-200	Structure Name:	G5-980	Road Name:	COHO	Inspection Date:	2021/07/07

Road Surface	Fair	Wilderness

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-200	Structure Name:	G5-980	Road Name:	COHO	Inspection Date:	2021/07/07

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	No concerns. BH

GENERAL

Estimated Load Restriction (year):	2048	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/06 14:37:19		

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-202	**Structure Name:**	G5-981	**Road Name:**	COHO	**Inspection Date:**	2021/07/07
KM:	5.70	**User km:**	5.70	**Crossing Name:**	Unnamed Creek	**Next Inspection Date:**	2024/07/07
Project File ID #:	6057	**Br.**	32	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	443985	**UTM Northing:**	6091142		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2010				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	Settling
Corrosion Protection	Not Applicable	Sheet Rust
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Good	

APPROACHES

Alignment	Poor	Bottom of hill with corners both sides
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	Left side nose cones knocked off road surface
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Fair	Wilderness level.

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-202	Structure Name:	G5-981	Road Name:	COHO	Inspection Date:	2021/07/07

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	Rust Forming
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	Estimated Present Water Level Width:	1.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-202	Structure Name:	G5-981	Road Name:	COHO	Inspection Date:	2021/07/07

GENERAL	**Inspector's Comment:**	
GENERAL	**PEng's Comment:**	No concerns. BH

GENERAL							
Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**					
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/06 14:43:16				

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-201	**Structure Name:**	G5-982	**Road Name:**	COHO	**Inspection Date:**	2018/09/25

KM:	5.90	**User km:**	5.90	**Crossing Name:**	Unknown	**Next Inspection Date:**	2022/09/01
Project File ID #:	6057	**Br.**	32	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10	**UTM Easting:**	443910	**UTM Northing:**	6091022		
Inspector Name:	Adam Mathison, GradTech	**Year Superstructure Installed:**	2008				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Good	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Fair	Not in line with guardrails
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-201	Structure Name:	G5-982	Road Name:	COHO	Inspection Date:	2018/09/25

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	Starting to rot
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Fair	Rotting
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.4
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$	Install 2 bridge ahead signs and 4 delineators
2	Required	Medium	$	Reposition fenders
3	Required	High	$	Replace wear deck prior to industrial use

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-201	Structure Name:	G5-982	Road Name:	COHO	Inspection Date:	2018/09/25

MONITORS

#	Description

GENERAL

Inspector's Comment:	Bridge is in overall fair condition. Requires all delineators. Replace wear deck prior to industrial use. Stand up fallen bridge ahead signs. Structure is at 5.7km on unknown road off the North Salmon FSR. Structure G5-982 is at this site, not G5-981.

GENERAL

PEng's Comment:	Inspector is correct, this is structure G5-982. Comments and repairs from this inspection are for this site.

GENERAL

Estimated Load Restriction (year):		2045	**Estimated Replacement (year):**		
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Ross Hyam on 2018/12/10 11:15:52		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-205	**Structure Name:**	G4-952	**Road Name:**	KILNER CREEK	**Inspection Date:**	2019/09/11
KM:	0.20	**User km:**	0.20	**Crossing Name:**	UNNAMED	**Next Inspection Date:**	2022/09/11
Project File ID #:	6057	**Br.**	35	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	436142	**UTM Northing:**	6082392		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**					
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Good	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-205	Structure Name:	G4-952	Road Name:	KILNER CREEK	Inspection Date:	2019/09/11

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	NEEDS REDECKING
Running Planks	Fair	NEEDS REDECKING
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 250.00	ADD LOAD LIMIT SIGN
2	Required	Medium	$	RE DECK
3	Required	Low	$ 500.00	BRUSHING

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-205	Structure Name:	G4-952	Road Name:	KILNER CREEK	Inspection Date:	2019/09/11

MONITORS

#	Description

GENERAL

Inspector's Comment:	BRIDGE AHEAD SIGNS BUT NO LOAD LIMITS, NEEDS RE DECKED AND BRUSHING, TOO BRUSHED IN TO GET GOOD CROSSING PICTURES

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**			
Current Inspection Load Rating:	64	**Design Load GVW (tonnes):**	64	**Design Vehicle Config.:**	CL625
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/06 13:55:46		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-206	**Structure Name:**	G5-994	**Road Name:**	KILNER CREEK	**Inspection Date:**	2019/09/11
KM:	1.70	**User km:**	1.70	**Crossing Name:**	UNNAMED	**Next Inspection Date:**	2022/09/11
Project File ID #:	6057	**Br.**	35	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	435915	**UTM Northing:**	6083719		
Inspector Name:	dawson smith	**Year Superstructure Installed:**					
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Not Applicable	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	
Fill	Fair	BOTH APPROACHES HAVE MINOR SLUFFING
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	LOG FENDERS
Road Surface	Fair	SLUFFED AT BOTH ENDS OF STRUCTURE

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-206	Structure Name:	G5-994	Road Name:	KILNER CREEK	Inspection Date:	2019/09/11

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	MONITOR ROT
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Fair	
Running Planks	Fair	
Sub Deck	Fair	
Ties	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.1
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 250.00	ADD LOAD LIMIT SIGN
2	Required	Low	$ 500.00	BRUSH

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-206	Structure Name:	G5-994	Road Name:	KILNER CREEK	Inspection Date:	2019/09/11

MONITORS

#	Description
1	MONITOR GUARD RAIL ROT

GENERAL

Inspector's Comment:	LOG FENDERS, GUARDRAILS HAVE SOME DECAY, NEEDS BRUSHING, LOAD LIMIT SIGN AND COULD BE GRADED

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/06 13:53:10		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-204	**Structure Name:**	G5-924	**Road Name:**	WAMPUM	**Inspection Date:**	2021/07/07
KM:	3.10	**User km:**	3.10	**Crossing Name:**	Unnamed	**Next Inspection Date:**	2024/07/07
Project File ID #:	6057	**Br.**	36	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	15.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15
UTM Zone:	10	**UTM Easting:**	446820	**UTM Northing:**	6092971		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2014				
Access:							

ABUTMENTS

Bearings	Fair	left side not sitting flat on sill
Bracing	Not Applicable	
Ballast Wall	Fair	Rot found i un-pealed logs
Concrete Lock Blocks	Fair	Some settling. gaps between sill timbers, uneven gaps between blocks
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Fair	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Good	

APPROACHES

Alignment	Poor	Steep hills and corners both sides
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	68	

Corporate Bridge Register (CBR)

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Site #:	G5-204	Structure Name:	G5-924	Road Name:	WAMPUM	Inspection Date:	2021/07/07

Road Surface	Fair	wilderness level

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	Clips
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Not Applicable	
Sub Deck	Fair	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.4	**Estimated Present Water Level Width:**	2.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
5	Required	High		Install both bridge ahead signs.

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-204	Structure Name:	G5-924	Road Name:	WAMPUM	Inspection Date:	2021/07/07

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	No concerns. BH

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/06 15:21:49		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-470	**Structure Name:**	G5-470-2	**Road Name:**	TEARDROP	**Inspection Date:**	2021/09/21

KM:	47.50	**User km:**	450.20	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/09/01
Project File ID #:	6480	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,300		**Outlet Cover (mm):**	1,300	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	21.0	**Opening Height (mm):**	1,200	**Opening Width (mm):**	1,200
UTM Zone:	10	**UTM Easting:**	463645	**UTM Northing:**	6023597
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**		1972	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	
Footing	Not Applicable	
Head Wall	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-470	Structure Name:	G5-470-2	Road Name:	TEARDROP	Inspection Date:	2021/09/21

Inlet	Fair	
Outlet	Fair	
Overall	Fair	
Riprap	Not Applicable	
Roof	Fair	
Side Walls	Fair	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment: culvert is showing rust

REPAIRS

#	Status	Priority	Estimate	Description
3	Suggested	Medium	$	remove log from inlet

MONITORS

#	Description

GENERAL

Inspector's Comment: Poor pics, no mention of slumping fill or plunge pool. GZ

GENERAL

PEng's Comment:

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-470	Structure Name:	G5-470-2	Road Name:	TEARDROP	Inspection Date:	2021/09/21

GENERAL

Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**			
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\GZSOMBOR on 2022/01/06 07:59:13		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-470	**Structure Name:**	G5-470	**Road Name:**	TEARDROP	**Inspection Date:**	2021/09/21

KM:	47.50	**User km:**	450.20	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/09/01
Project File ID #:	6480	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	2,000		**Outlet Cover (mm):**	2,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	21.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	463645	**UTM Northing:**	6023597
Inspector Name:	Dawson Smith		**Year Superstructure Installed:**	1972	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-470	Structure Name:	G5-470	Road Name:	TEARDROP	Inspection Date:	2021/09/21

Inlet	Good	
Outlet	Good	
Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment: beavers have inlet plugged , pipe is dry

REPAIRS

#	Status	Priority	Estimate	Description
4	Suggested	High	$	remove beaver dam, inlet

MONITORS

#	Description

GENERAL

Inspector's Comment: Poor pics, outlet rated good:no mention of plunge pool. GZ

GENERAL

PEng's Comment:

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-470	Structure Name:	G5-470	Road Name:	TEARDROP	Inspection Date:	2021/09/21

GENERAL

Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**			
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\GZSOMBOR on 2022/01/06 07:52:20		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-471	**Structure Name:**	G5-471	**Road Name:**	TEARDROP	**Inspection Date:**	2002/07/25

KM:	50.20	**User km:**	452.90	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2005/07/25
Project File ID #:	6480	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	3,700		**Outlet Cover (mm):**	3,700	
Footing Type:			**Gradient (%):**	2.0	
Culvert Length (metres):	18.0	**Opening Height (mm):**	1,200	**Opening Width (mm):**	1,200
UTM Zone:	10	**UTM Easting:**	465812	**UTM Northing:**	6023735
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**		1972	

Access: minor culvert 1200
2nd 1200 @ 123-30-34, 54-21-45. GZ
2019 design in G Drive. to be install when CMP washes out. GZ 2020

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Fair	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Fair	No Comment Available -Converter.RNI
Coating	Fair	No Comment Available -Converter.RNI
Fill	Fair	No Comment Available -Converter.RNI
Floor	Fair	No Comment Available -Converter.RNI
Inlet	Poor	No Comment Available -Converter.RNI
Outlet	Fair	No Comment Available -Converter.RNI
Roof	Fair	No Comment Available -Converter.RNI
Side Walls	Fair	No Comment Available -Converter.RNI

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-471	Structure Name:	G5-471	Road Name:	TEARDROP	Inspection Date:	2002/07/25

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	0.8		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
5	Suggested	Medium	$ 0.00	Span: 1.0. Lengthen Culvert. Lenghten culvert..

MONITORS

#	Description
1	ALSO ONE 800mm AND ONE 500mm CULVERT AT THE SAME SITE. Monitor debris at inlet of 800 pipe. (building up - beaver dam)

GENERAL

Inspector's Comment:	nullCulvert: 1) too short. Extend by 2 m..

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2022	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\RMGETZLA on 2012/04/12 09:39:15		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-469	**Structure Name:**	G5-469	**Road Name:**	TEARDROP	**Inspection Date:**	2020/10/21
KM:	51.60	**User km:**	454.30	**Crossing Name:**	Un-Named Creek	**Next Inspection Date:**	2023/10/21
Project File ID #:	6480	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	18.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	10	**UTM Easting:**	466911	**UTM Northing:**	6024023		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2019				

Access: Structure installed at this site was originally supposed to be installed at Site G5-035. Structure information on Site file.

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	sills
Fill	Good	
Hardware	Good	
Piles or Posts	Good	posts
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	hills and corners both sides
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	100	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-469	Structure Name:	G5-469	Road Name:	TEARDROP	Inspection Date:	2020/10/21

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.4	Estimated Present Water Level Width:	2.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-469	Structure Name:	G5-469	Road Name:	TEARDROP	Inspection Date:	2020/10/21

GENERAL	**Inspector's Comment:**	Approaches re-aligned 2020
GENERAL	**PEng's Comment:**	looks good

GENERAL						
Estimated Load Restriction (year):	2064	**Estimated Replacement (year):**		2066		
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/02 12:21:55			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-472	**Structure Name:**	G5-472	**Road Name:**	TEARDROP	**Inspection Date:**	2002/07/25
KM:	55.70	**User km:**	458.50	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2005/07/25
Project File ID #:	6480	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	700		**Outlet Cover (mm):**	700	
Footing Type:			**Gradient (%):**	2.0	
Culvert Length (metres):	12.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	470825	**UTM Northing:**	6025740
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	1972		

Access: Minor culvert
2019 design in G Drive. to be install when CMP washes out. GZ 2020

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Fair	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Poor	No Comment Available -Converter.RNI
Floor	Fair	No Comment Available -Converter.RNI
Inlet	Fair	No Comment Available -Converter.RNI
Outlet	Fair	No Comment Available -Converter.RNI
Roof	Fair	No Comment Available -Converter.RNI
Side Walls	Fair	No Comment Available -Converter.RNI

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-472	Structure Name:	G5-472	Road Name:	TEARDROP	Inspection Date:	2002/07/25

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	1.3		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
6	Suggested	Medium	$ 0.00	Span: 1.0. Add Headwall/cutoff wall.
7	Suggested	Medium	$ 0.00	Span: 1.0. Lengthen Culvert. Lengthen CMP or install headwalls or aprons to retain road fill..

MONITORS

#	Description
1	ALSO ONE 1200mm CULVERT AT THE SAME SITE. (Fair condition & some beaver activity chinch99) Pipe may need to be replaced because it may be sagged and split - check at low flows. (NO chinch99) Monitor road shoulder erosion (chinch99)

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2022	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\RMGETZLA on 2012/04/12 09:40:19		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-473	**Structure Name:**	G5-473-2	**Road Name:**	TEARDROP	**Inspection Date:**	2021/09/21

KM:	59.80	**User km:**	462.50	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/09/21
Project File ID #:	6480	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,500		**Outlet Cover (mm):**	1,500	
Footing Type:			**Gradient (%):**	2.0	
Culvert Length (metres):	17.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	471525	**UTM Northing:**	6029494
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**		1972	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	end section
Coupled Connections	Fair	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Not Applicable	
Footing	Not Applicable	
Head Wall	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-473	Structure Name:	G5-473-2	Road Name:	TEARDROP	Inspection Date:	2021/09/21

Inlet	Fair	Beaver has built a dam around inlet
Outlet	Good	
Overall	Fair	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$	remove beaver dam around inlet

MONITORS

#	Description

GENERAL

Inspector's Comment:	beavers have partially dammed inlet Costing overrated. no significant issues. GZ.

GENERAL

PEng's Comment:	No concerns. BH

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-473	Structure Name:	G5-473-2	Road Name:	TEARDROP	Inspection Date:	2021/09/21

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 13:47:40		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-473	**Structure Name:**	G5-473	**Road Name:**	TEARDROP	**Inspection Date:**	2021/09/21
KM:	59.80	**User km:**	462.50	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/09/21
Project File ID #:	6480	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	1,500	**Outlet Cover (mm):**	1,500
Footing Type:		**Gradient (%):**	2.0

Culvert Length (metres):	17.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	471525	**UTM Northing:**	6029494

Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1972
Access:			

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Not Applicable	
Footing	Not Applicable	
Head Wall	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-473	Structure Name:	G5-473	Road Name:	TEARDROP	Inspection Date:	2021/09/21

Inlet	Fair	Beaver has built a dam around inlet
Outlet	Good	
Overall	Fair	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
2	Required	High	$	around inlet

MONITORS

#	Description
4	Monito beaver activity

GENERAL

Inspector's Comment:	beaver have dammed (partially inlets)

GENERAL

PEng's Comment:	No concerns. BH

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-473	Structure Name:	G5-473	Road Name:	TEARDROP	Inspection Date:	2021/09/21

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 13:42:40		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-474	**Structure Name:**	G5-474	**Road Name:**	TEARDROP	**Inspection Date:**	2021/09/21
KM:	61.10	**User km:**	463.90	**Crossing Name:**	Salmon River	**Next Inspection Date:**	2024/09/21
Project File ID #:	6480	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	39.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	39
UTM Zone:	10	**UTM Easting:**	471724	**UTM Northing:**	6030686		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1989				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Fair	some out of place
Posted Load Rating (Enter 0 if sign missing)	91	(5 tonne signs not posted. GZ)
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-474	Structure Name:	G5-474	Road Name:	TEARDROP	Inspection Date:	2021/09/21

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	need replaced see pics
Deck Joints	Good	
Grout Pockets	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	guard rails need replaced see pics
Running Surface	Good	(Good GZ)

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	5.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
9	Required	High	$ 0.00	Replace all curbs and risers.
10	Required	Medium		Install 3 delineators.
11	Required	Medium	$ 0.00	Realign approach fenders.
12	Required	High	$ 0.00	Post load rating signs (5 tonnes)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-474	Structure Name:	G5-474	Road Name:	TEARDROP	Inspection Date:	2021/09/21

MONITORS

#	Description

GENERAL

Inspector's Comment:	guardrails and blocks need to be replaced Not a great inspection but noted major defects. Load restriction signs not posted. GZ

GENERAL

PEng's Comment:	Install 5 tonne rating sign. Complete repairs as soon as possible. Bridge could be closed at any time due to failing curbs and user safety. BH

GENERAL

Estimated Load Restriction (year):	2029	**Estimated Replacement (year):**			
Current Inspection Load Rating:	5	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 14:05:12		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-490	**Structure Name:**	G5-490	**Road Name:**	TEARDROP	**Inspection Date:**	2019/09/05
KM:	13.30	**User km:**	480.80	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/09/05
Project File ID #:	6480	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments** (looking downstream) **Left**	Concrete Precast
Superstructure:	Concrete Box Beam	**Right**	Concrete Precast

Total Length (metres):	14.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	14
UTM Zone:	10	**UTM Easting:**	480605	**UTM Northing:**	6040321		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	2000				

Access: Can also be accessed from km 50 branch road off Davie-Muskeg (400 road). Stay left at km 410 fork.

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Precast	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-490	Structure Name:	G5-490	Road Name:	TEARDROP	Inspection Date:	2019/09/05

DECK

Span 1

Concrete Deck	Good	
Deck Joints	Good	
Grout Pockets	Not Applicable	
Grout Pockets	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	
Hardware	Not Applicable	
Welded/grouted shear connectors	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.5
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 250.00	REMOVE BEAVER ACTIVITY
2	Required	Low	$ 500.00	BRUSH

MONITORS

#	Description
1	MONITOR GUARD RAILS

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-490	Structure Name:	G5-490	Road Name:	TEARDROP	Inspection Date:	2019/09/05

GENERAL	Inspector's Comment:	GOOD, GUARDRAILS DEGRADING, BEAVER ACTIVITY 5M UPSTREAM, NEEDS BRUSHING
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2050	Estimated Replacement (year):				
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100	
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/03/05 12:17:13			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-477	**Structure Name:**	G5-477	**Road Name:**	CARRIER	**Inspection Date:**	2021/09/21
KM:	28.00	**User km:**	138.00	**Crossing Name:**	UNNAMED	**Next Inspection Date:**	2024/09/21
Project File ID #:	6480	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.5	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.5
UTM Zone:	10	**UTM Easting:**	446590	**UTM Northing:**	6052042		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2004				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Poor	some out of place
Posted Load Rating (Enter 0 if sign missing)	68	

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-477	Structure Name:	G5-477	Road Name:	CARRIER	Inspection Date:	2021/09/21

Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	showing decay, see pic
Deck to Girder Bolts	Good	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
4	Required	Medium	$	Replace fenders
5	Required	Medium	$ 0.00	Replace missing delineators

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-477	Structure Name:	G5-477	Road Name:	CARRIER	Inspection Date:	2021/09/21

MONITORS

#	Description
3	guardraiol decay , see pics

GENERAL

Inspector's Comment:	beaver dam under structure, missing 2 del, guardrails out of place No significant issues. GZ

GENERAL

PEng's Comment:	No concerns

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/18 13:29:19		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-478	**Structure Name:**	G5-478-2	**Road Name:**	CARRIER	**Inspection Date:**	2021/10/15
KM:	32.30	**User km:**	142.70	**Crossing Name:**	O'Cock Creek	**Next Inspection Date:**	2024/10/15
Project File ID #:	6480	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	850		**Outlet Cover (mm):**	400	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	17.0	**Opening Height (mm):**	1,500	**Opening Width (mm):**	1,500
UTM Zone:	10	**UTM Easting:**	447397	**UTM Northing:**	6056446
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	1977		
Access:					

APPROACHES

Alignment	Fair	Curve
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Unrated	could not inspect due to inlet plugged by beavers
Coating	Poor	Heavy rust
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Unrated	could not inspect due to inlet plugged by beavers
Footing	Unrated	could not inspect
Head Wall	Not Applicable	
Inlet	Poor	inlet plugged by beavers
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-478	Structure Name:	G5-478-2	Road Name:	CARRIER	Inspection Date:	2021/10/15

Overall	Poor	not functional due to inlet blockage
Riprap	Not Applicable	
Roof	Unrated	could not inspect due to inlet plugged by beavers
Side Walls	Unrated	could not inspect due to inlet plugged by beavers
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:			

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	Yes	**Aggradation:**	No

Comment: could not take measurements due to beaver activity

REPAIRS

#	Status	Priority	Estimate	Description
3	Required	High		Inlet plugged by beavers
4	Required	High		Culverts rusting out

MONITORS

#	Description

GENERAL

Inspector's Comment: Need to replace crossing

GENERAL

PEng's Comment: Consider replacing both culverts soon.

GENERAL

Estimated Load Restriction (year):	2024	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/18 15:01:06		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-478	**Structure Name:**	G5-478	**Road Name:**	CARRIER	**Inspection Date:**	2021/10/15
KM:	32.30	**User km:**	142.70	**Crossing Name:**	O'Cock Creek	**Next Inspection Date:**	2024/10/15
Project File ID #:	6480	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	1,000	**Outlet Cover (mm):**	1,000
Footing Type:		**Gradient (%):**	

Culvert Length (metres):	17.0	**Opening Height (mm):**	1,500	**Opening Width (mm):**	1,500
UTM Zone:	10	**UTM Easting:**	447397	**UTM Northing:**	6056446
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	1977		
Access:					

APPROACHES

Alignment	Fair	Curve
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Poor	Heavy rust
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Poor	perferated with rust
Footing	Unrated	can not inspect
Head Wall	Not Applicable	
Inlet	Fair	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-478	Structure Name:	G5-478	Road Name:	CARRIER	Inspection Date:	2021/10/15

Overall	Poor	needs replacement
Riprap	Not Applicable	
Roof	Fair	
Side Walls	Poor	perferated with rust
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:			

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	Yes	**Aggradation:**	No

Comment:	unable to assess due to beaver activity

REPAIRS

#	Status	Priority	Estimate	Description
5	Required	High	$ 0.00	Culverts rusting out, need to be replaced

MONITORS

#	Description
3	monitor rust and perforations of culvert walls and floor

GENERAL

Inspector's Comment:	Heavy rust, perforated pipe walls

GENERAL

PEng's Comment:	Consider replacing both culverts.

GENERAL

Estimated Load Restriction (year):	2024	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/18 15:08:12		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-680	**Structure Name:**	G1-680	**Road Name:**	CHIEF	**Inspection Date:**	2021/09/01
KM:	6.40	**User km:**	206.40	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/09/01
Project File ID #:	6480	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	800		**Outlet Cover (mm):**	800	
Footing Type:			**Gradient (%):**	1.0	
Culvert Length (metres):	13.0	**Opening Height (mm):**	1,500	**Opening Width (mm):**	1,500
UTM Zone:	10	**UTM Easting:**	496202	**UTM Northing:**	5999671
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	1975		
Access:					

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Poor	Rusting through
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	
Overall	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-680	Structure Name:	G1-680	Road Name:	CHIEF	Inspection Date:	2021/09/01

Riprap	Fair	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	0.3		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	No

Comment: Beaver activity

REPAIRS

#	Status	Priority	Estimate	Description
6	Required	Medium		Culvert floor rusting through

MONITORS

#	Description

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: No concerns. BH

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 14:13:01		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-680	**Structure Name:**	G1-680-2	**Road Name:**	CHIEF	**Inspection Date:**	2021/09/01

KM:	6.40	**User km:**	206.40	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/09/01
Project File ID #:	6480	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	800		**Outlet Cover (mm):**	800	
Footing Type:			**Gradient (%):**	1.0	
Culvert Length (metres):	13.0	**Opening Height (mm):**	1,500	**Opening Width (mm):**	1,500
UTM Zone:	10	**UTM Easting:**	496202	**UTM Northing:**	5999671
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	1975		
Access:					

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Fair	Eroding into inlet
Floor	Poor	Rust holes
Head Wall	Not Applicable	
Inlet	Fair	Gravel and beavers impairing capacity
Outlet	Good	
Overall	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-680	Structure Name:	G1-680-2	Road Name:	CHIEF	Inspection Date:	2021/09/01

Riprap	Fair	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	0.3		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	No

Comment: Beaver activity

REPAIRS

#	Status	Priority	Estimate	Description
3	Required	Medium		Culvert floor rusting through

MONITORS

#	Description
2	Monitor corrosion in culvert floor

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: No major concerns. BH

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 14:19:04		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-681	**Structure Name:**	G1-681	**Road Name:**	CHIEF	**Inspection Date:**	2021/09/01
KM:	11.20	**User km:**	211.20	**Crossing Name:**	Crocker Creek	**Next Inspection Date:**	2024/09/01
Project File ID #:	6480	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Concrete Box Beam	**Right**	Pile -Permanent Materials

Total Length (metres):	18.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	10	**UTM Easting:**	496256	**UTM Northing:**	6003964		
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	1986				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Fair	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Road Surface	Fair	

DECK

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-681	Structure Name:	G1-681	Road Name:	CHIEF	Inspection Date:	2021/09/01

Span 1

Concrete Deck	Fair	
Curb Rail/Blocks/Posts	Poor	All 4 corners require replacement
Deck Joints	Good	
Gravel Deck Depth (metres)	0	
Grout Pockets	Not Applicable	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	
Running Surface	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	
Hardware	Not Applicable	
Welded/grouted shear connectors	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	7.5
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment: Creek damed by beavers, back watering structure

REPAIRS

#	Status	Priority	Estimate	Description
11	Required	Medium	$ 0.00	Some fill escaping on deck corner
12	Required	High	$ 0.00	Replace all 4 corners. Damaged and rotten. Remaining rails likely have rot.
13	Required	High	$ 0.00	Replace no posts on left upstream corner
14	Required	Medium	$ 0.00	Replace missing delineator

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-681	Structure Name:	G1-681	Road Name:	CHIEF	Inspection Date:	2021/09/01

GENERAL	**Inspector's Comment:**	
GENERAL	**PEng's Comment:**	Complete all required repair items. Bridge could be downrated at any time due to deteriorating curbs. BH

GENERAL						
Estimated Load Restriction (year):	2035	**Estimated Replacement (year):**				
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 14:40:47			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-682	**Structure Name:**	G1-682A	**Road Name:**	CHIEF	**Inspection Date:**	2021/09/01
KM:	15.90	**User km:**	215.90	**Crossing Name:**	Docs Creek	**Next Inspection Date:**	2024/09/01
Project File ID #:	6480	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	42.6	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	42.65
UTM Zone:	10	**UTM Easting:**	495743	**UTM Northing:**	6007846		
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	2020				

Access: Bridge is on the Chief. Currently on a short section of RP road. District to take over that section, so continue to inspect.

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-682	Structure Name:	G1-682A	Road Name:	CHIEF	Inspection Date:	2021/09/01

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	Estimated Present Water Level Width:	14.0
Estimated High Water Level Clearance:	3.9		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment: Structure back-watered by beaver dam

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-682	Structure Name:	G1-682A	Road Name:	CHIEF	Inspection Date:	2021/09/01

GENERAL	**Inspector's Comment:**	
GENERAL	**PEng's Comment:**	No concerns. New bridge in 2020. BH

GENERAL						
Estimated Load Restriction (year):	2065	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 14:49:09			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-683	**Structure Name:**	G1-683	**Road Name:**	CHIEF	**Inspection Date:**	2017/05/29

KM:	43.60	**User km:**		**Crossing Name:**	Unnamed	**Next Inspection Date:**	2022/05/02
Project File ID #:	6480	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	900		**Outlet Cover (mm):**	930	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	42.0	**Opening Height (mm):**	1,120	**Opening Width (mm):**	2,800
UTM Zone:	10	**UTM Easting:**	479756	**UTM Northing:**	6023207
Inspector Name:	Al Kennedy		**Year Superstructure Installed:**		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	N/A (Culvert)
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	N/A (Culvert)
Delineator Missing Right (approaching structure)	0	N/A (Culvert)
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	None	N/A (Culvert)
Road Surface	Fair	Some rough sections, and several soft spots where fine material was used

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Unrated	No access for inspection due to trash racks
Coating	Good	Minor loss of galvanized coating at water level troughout length of pipe
Embedment Materials	Good	
Fill	Good	Scour evident from roadway drainage, outlet end, shown in photos
Floor	Unrated	No access for inspection
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-683	Structure Name:	G1-683	Road Name:	CHIEF	Inspection Date:	2017/05/29

Inlet	Fair	Small accumulation of wood debris on trash rack
Outlet	Good	
Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Good	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$	Fill in scour trench on roadway embankment at outlet end.

MONITORS

#	Description
1	Monitor woody debris accumulation at inlet end of culvert.

GENERAL

Inspector's Comment:	Overall condition of culvert is good. Slight loss of galvanized coating at base of pipe near water level. Small amount of woody debris at inlet end of culvert. Scouring of the culvert fill at the edge of road shoulder, due to roadway surface drainage. No significant issues. GZ

GENERAL

PEng's Comment:	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-683	Structure Name:	G1-683	Road Name:	CHIEF	Inspection Date:	2017/05/29

GENERAL

Estimated Load Restriction (year):	2042	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2018/03/21 09:10:53		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-690	**Structure Name:**	G1-690	**Road Name:**	UNNAMED 1	**Inspection Date:**	2017/05/29

KM:	19.00	**User km:**	618.60	**Crossing Name:**	Salmon River	**Next Inspection Date:**	2022/05/02
Project File ID #:	6480	**Br.**	10	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Gravel
Curb Type:		**Abutments (looking downstream)** **Left**	Other
Superstructure:	Steel I-beam	**Right**	Other

Total Length (metres):	68.0	**# Spans:**	3	**Span Width:**		**Span Length(s) (metres):**	17, 34, 17
UTM Zone:	10	**UTM Easting:**	496687	**UTM Northing:**	6009577		
Inspector Name:	Al Kennedy	**Year Superstructure Installed:**	1981				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Fair	
Caps or Sills	Unrated	No caps or sills present
Fill	Good	
General Abutment Condition	Good	Minor scouring of abutment fill at both left and right abutments due to road runoff.
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	1	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	2	Replace broken delineators
Fender Condition	Fair	Woods end upstream corner, missaligned and missing bulnose

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G1-690	Structure Name:	G1-690	Road Name:	UNNAMED 1	Inspection Date:	2017/05/29

Posted Load Rating (Enter 0 if sign missing)	None	
Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Gravel Surface	Unrated	No gravel surface
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

Span 2

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Gravel Surface	Unrated	no grasvel surface
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

Span 3

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Gravel Surface	Unrated	no gravel surface
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	

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Site #:	G1-690	Structure Name:	G1-690	Road Name:	UNNAMED 1	Inspection Date:	2017/05/29

Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

PIERS

Pier 1

Bearings	Good	
Bracing or Sheathing	Not Applicable	
Caps	Unrated	No pier caps
Cribs	Not Applicable	
Dolphins	Not Applicable	
Hardware	Good	
Overall	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wall	Good	

Pier 2

Bearings	Good	
Bracing or Sheathing	Not Applicable	
Caps	Unrated	No pier caps
Cribs	Not Applicable	
Dolphins	Not Applicable	
Hardware	Good	
Overall	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wall	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	

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Site #:	G1-690	Structure Name:	G1-690	Road Name:	UNNAMED 1	Inspection Date:	2017/05/29

Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	
Span 2		
Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	
Span 3		
Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	3.0	**Estimated Present Water Level Width:**	30.0
Estimated High Water Level Clearance:	6.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 250.00	add bridge ahead sign
2	Required	High	$ 400.00	add 2 right and 1 left delineator

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-690	Structure Name:	G1-690	Road Name:	UNNAMED 1	Inspection Date:	2017/05/29

GENERAL	**Inspector's Comment:**	Concrete repairs on both piers and abutment location has been completed. Timber running deck has been replaced. The remainder of the repair items previously identified have not been completed.
GENERAL	**PEng's Comment:**	No Issues. GZ

GENERAL						
Estimated Load Restriction (year):	2021	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2018/03/21 09:12:37			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-691	**Structure Name:**	G1-691A	**Road Name:**	UNNAMED 1	**Inspection Date:**	2021/09/07
KM:	28.00	**User km:**	646.60	**Crossing Name:**	Muskeg River	**Next Inspection Date:**	2024/09/07
Project File ID #:	6480	**Br.**	10	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	27.4	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	27.43
UTM Zone:	10	**UTM Easting:**	490308	**UTM Northing:**	6029666		
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	2020				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Unrated	none
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-691	Structure Name:	G1-691A	Road Name:	UNNAMED 1	Inspection Date:	2021/09/07

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	Estimated Present Water Level Width:	16.0
Estimated High Water Level Clearance:	1.8		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G1-691	Structure Name:	G1-691A	Road Name:	UNNAMED 1	Inspection Date:	2021/09/07

GENERAL	**Inspector's Comment:**	New install, no issues
GENERAL	**PEng's Comment:**	No concerns. BH

GENERAL						
Estimated Load Restriction (year):	2065	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 14:58:05			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-540	**Structure Name:**	G4-934	**Road Name:**	OWEN	**Inspection Date:**	2020/08/04

KM:	10.50	**User km:**	10.50	**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2023/08/04
Project File ID #:	6480	**Br.**	29	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Sill - Permanent Materials
Superstructure:	Steel I-beam	**Right**	Sill - Permanent Materials

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	457252	**UTM Northing:**	6021841		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2015				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Fair	signs of rot
Corrosion Protection	Not Applicable	
Caps or Sills	Good	3 12x12
Fill	Good	
Hardware	Good	
Log/Timber Cribs	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Tie-backs	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	1	up chain
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Fair	logs sitting on ground, left upstream knocked of R\W

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-540	Structure Name:	G4-934	Road Name:	OWEN	Inspection Date:	2020/08/04

Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Poor	large pot holes, no surface

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:	natural channel								

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-540	Structure Name:	G4-934	Road Name:	OWEN	Inspection Date:	2020/08/04

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	looks ok

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/25 15:16:18		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-541	**Structure Name:**	G5-915	**Road Name:**	OWEN	**Inspection Date:**	2020/08/04
KM:	10.80	**User km:**	10.80	**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2022/08/04
Project File ID #:	6480	**Br.**	29	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Sill -Temporary Materials
Superstructure:	Steel I-beam	**Right**	Sill -Temporary Materials

Total Length (metres):	10.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	10
UTM Zone:	10	**UTM Easting:**	456916	**UTM Northing:**	6021852		
Inspector Name:	Warren Wiilkinson	**Year Superstructure Installed:**	2015				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Fair	
Corrosion Protection	Good	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Excellent	
Bridge Ahead Signs Missing	1	Upchian
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	loggs sitting on ground
Posted Load Rating (Enter 0 if sign missing)	75	
Road Surface	Poor	large pot holes, no surface

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-541	Structure Name:	G5-915	Road Name:	OWEN	Inspection Date:	2020/08/04

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	covered in mus and dirt
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.3
Estimated High Water Level Clearance:	0.4		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:	Natural stream bed								

REPAIRS

#	Status	Priority	Estimate	Description
4	Required	High	$	up-chain bridge ahead sign
5	Required	High	$	L75 weight sign

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-541	Structure Name:	G5-915	Road Name:	OWEN	Inspection Date:	2020/08/04

MONITORS

#	Description
1	Rot in ballast walls

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	looks ok

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/19 12:17:02		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-476	**Structure Name:**	G4-920	**Road Name:**	OWEN	**Inspection Date:**	2021/09/21

KM:	2.70	**User km:**		**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2023/09/21
Project File ID #:	6480	**Br.**	29	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Crib, Log or Untreated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	464057	**UTM Northing:**	6020966		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2014				
Access:							

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	
Fill	Good	
Hardware	Fair	
Log/Timber Cribs	Fair	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Tie-backs	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	1	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	log fenders

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-476	Structure Name:	G4-920	Road Name:	OWEN	Inspection Date:	2021/09/21

Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	needs grading

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Poor	missing 1 running plank, see pics
Running Planks	Poor	missing 1 running plank, see pics
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-476	Structure Name:	G4-920	Road Name:	OWEN	Inspection Date:	2021/09/21

REPAIRS

#	Status	Priority	Estimate	Description
5	Required	Low		Needs 1 running plank
7	Required	Medium		Add approach fenders
8	Required	Medium		Grade approaches to encourage proper drainage.

MONITORS

#	Description

GENERAL

Inspector's Comment:	No rip rap, deck missing 1 running plank, needs approaches graded No significant issues. GZ

GENERAL

PEng's Comment:	No concerns. JDS

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jordan Smith on 2022/02/10 12:49:04		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-479	**Structure Name:**	JH-93	**Road Name:**	46 ROAD	**Inspection Date:**	2021/09/07
KM:	2.40	**User km:**	2.40	**Crossing Name:**	Unnamed	**Next Inspection Date:**	2024/09/07
Project File ID #:	6480	**Br.**	30	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	7.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	7.3
UTM Zone:	10			**UTM Easting:**	445975	**UTM Northing:**	6058634
Inspector Name:	Gary Zsombor			**Year Superstructure Installed:**		2009	

Access: Structure installed G5-988 = JH-93 LNH (2020-05-05)

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Poor	Settled
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	Left corner pushed over
Road Surface	Poor	Approach fill settled

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-479	Structure Name:	JH-93	Road Name:	46 ROAD	Inspection Date:	2021/09/07

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.2
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium		Add additional material to bring road grade to deck elevation
2	Required	Medium		Reset left upstream corner
3	Required	Medium		Add signs

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-479	Structure Name:	JH-93	Road Name:	46 ROAD	Inspection Date:	2021/09/07

MONITORS

#	Description

GENERAL

Inspector's Comment:	Swamp complex. Standing water with minimal flow to SE.

GENERAL

PEng's Comment:	No concerns. JDS

GENERAL

Estimated Load Restriction (year):	2024	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jordan Smith on 2022/02/10 13:00:39		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-080	**Structure Name:**	G5-080	**Road Name:**	CUNNINGHAM	**Inspection Date:**	2019/08/12
KM:	23.30	**User km:**	23.30	**Crossing Name:**	Un-named	**Next Inspection Date:**	2022/08/12
Project File ID #:	7537	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Steel Pipe and Precast Pad
Superstructure:	Concrete Slab Girders	Right	Steel Pipe and Precast Pad

Total Length (metres):	9.6	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9.6
UTM Zone:	10	**UTM Easting:**	397629	**UTM Northing:**	6030468		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	2012				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Excellent	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	FENDER OUT OF POSITION
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-080	Structure Name:	G5-080	Road Name:	CUNNINGHAM	Inspection Date:	2019/08/12

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Not Applicable	
Grout Pockets	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	
Hardware	Not Applicable	
Welded/grouted shear connectors	Good	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 250.00	PUT FENDER BACK IN PLACE

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-080	Structure Name:	G5-080	Road Name:	CUNNINGHAM	Inspection Date:	2019/08/12

GENERAL	**Inspector's Comment:**	ALL GOOD, FENDER OUT OF PLACE
GENERAL	**PEng's Comment:**	

GENERAL						
Estimated Load Restriction (year):	2057	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/11 16:04:47			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-084	**Structure Name:**	G5-084	**Road Name:**	CUNNINGHAM	**Inspection Date:**	2019/08/12

KM:	27.00	**User km:**	27.00	**Crossing Name:**	unnamed	**Next Inspection Date:**	2022/08/12
Project File ID #:	7537	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	500		**Outlet Cover (mm):**	500	
Footing Type:	Steel Footing		**Gradient (%):**		
Culvert Length (metres):	11.0	**Opening Height (mm):**	1,440	**Opening Width (mm):**	2,740
UTM Zone:	10	**UTM Easting:**	394366	**UTM Northing:**	6032386
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**		2009	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Not Applicable	
Embedment Materials	Good	
Fill	Good	
Floor	Not Applicable	
Footing	Not Applicable	
Head Wall	Fair	ROAD FILL NEEDS TO BE PULLED BACK BOTH SIDES

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-084	Structure Name:	G5-084	Road Name:	CUNNINGHAM	Inspection Date:	2019/08/12

Inlet	Good	
Outlet	Good	
Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 500.00	PULL FILL BACK ON THE ROAD AND CLEAN OUT INLET

MONITORS

#	Description

GENERAL

Inspector's Comment:	ACTUALLY 27.4KMS

GENERAL

PEng's Comment:	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-084	Structure Name:	G5-084	Road Name:	CUNNINGHAM	Inspection Date:	2019/08/12

GENERAL

Estimated Load Restriction (year):	2059	**Estimated Replacement (year):**			
Current Inspection Load Rating:	64	**Design Load GVW (tonnes):**	64	**Design Vehicle Config.:**	BCL62
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/11 16:09:17		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-081	**Structure Name:**	G5-081	**Road Name:**	CUNNINGHAM	**Inspection Date:**	2019/08/12
KM:	29.80	**User km:**	29.80	**Crossing Name:**	Un-named	**Next Inspection Date:**	2022/08/12
Project File ID #:	7537	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Steel Pipe and Precast Pad
Superstructure:	Concrete Slab Girders	Right	Steel Pipe and Precast Pad

Total Length (metres):	8.6	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	8.6
UTM Zone:	10	**UTM Easting:**	392690	**UTM Northing:**	6033955		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	2012				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Excellent	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-081	Structure Name:	G5-081	Road Name:	CUNNINGHAM	Inspection Date:	2019/08/12

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Not Applicable	
Grout Pockets	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	
Hardware	Not Applicable	
Welded/grouted shear connectors	Good	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-081	Structure Name:	G5-081	Road Name:	CUNNINGHAM	Inspection Date:	2019/08/12

GENERAL	Inspector's Comment:	GOOD, SIGNS WITH WEIGHT AND 4 DELINEATORS
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2057	Estimated Replacement (year):				
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100	
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/02/11 16:26:12			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-082	**Structure Name:**	G5-082	**Road Name:**	CUNNINGHAM	**Inspection Date:**	2019/08/12

KM:	62.20	**User km:**	62.20	**Crossing Name:**	unnamed	**Next Inspection Date:**	2022/08/12
Project File ID #:	7537	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	720		**Outlet Cover (mm):**	720	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	13.5	**Opening Height (mm):**	2,000	**Opening Width (mm):**	2,000
UTM Zone:	10	**UTM Easting:**	366492	**UTM Northing:**	6043695
Inspector Name:	Dawson SMITH		**Year Superstructure Installed:**	2009	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Good	
Fill	Good	
Floor	Not Applicable	
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-082	Structure Name:	G5-082	Road Name:	CUNNINGHAM	Inspection Date:	2019/08/12

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.3
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	ALL GOOD

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2059	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/11 16:28:31		

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-083	Structure Name:	G5-083	Road Name:	CUNNINGHAM	Inspection Date:	2019/08/12
KM:	62.80	User km:	62.80	Crossing Name:	unnamed	Next Inspection Date:	2022/08/12
Project File ID #:	7537	Br.	01	Forest District:	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom	Culvert Material:	Corrugated Steel
Inlet Cover (mm):	940	Outlet Cover (mm):	940
Footing Type:	Steel Footing	Gradient (%):	3.5

Culvert Length (metres):	14.8	Opening Height (mm):	1,870	Opening Width (mm):	4,570
UTM Zone:	10	UTM Easting:	366287	UTM Northing:	6043677

Inspector Name:	Dawson SMITH	Year Superstructure Installed:	2009
Access:			

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Good	
Fill	Good	
Floor	Not Applicable	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-083	Structure Name:	G5-083	Road Name:	CUNNINGHAM	Inspection Date:	2019/08/12

Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	ALL GOOD

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2059	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/11 16:30:20		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-001	**Structure Name:**	G5-001	**Road Name:**	CUNNINGHAM	**Inspection Date:**	2019/08/12

KM:	17.60	**User km:**	916.80	**Crossing Name:**	Sowchea Creek	**Next Inspection Date:**	2022/08/12
Project File ID #:	7537	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	21.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	21
UTM Zone:	10	**UTM Easting:**	400954	**UTM Northing:**	6026923		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	2001				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91,000	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-001	Structure Name:	G5-001	Road Name:	CUNNINGHAM	Inspection Date:	2019/08/12

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Not Applicable	
Grout Pockets	Fair	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-001	Structure Name:	G5-001	Road Name:	CUNNINGHAM	Inspection Date:	2019/08/12

GENERAL	Inspector's Comment:	GROUT POCKETS GOOD,, ALL 4 DELINEATORS
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2051	Estimated Replacement (year):				
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100	
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/02/11 15:55:36			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-002	**Structure Name:**	G5-002	**Road Name:**	CUNNINGHAM	**Inspection Date:**	2002/08/09
KM:	64.00	**User km:**	964.90	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2005/08/09
Project File ID #:	7537	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	4,000		**Outlet Cover (mm):**	4,000	
Footing Type:			**Gradient (%):**	2.0	
Culvert Length (metres):	34.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	364149	**UTM Northing:**	6043994
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	1983		
Access:	Minor culvert				

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Excellent	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-002	Structure Name:	G5-002	Road Name:	CUNNINGHAM	Inspection Date:	2002/08/09

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	1.2		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Monitor for scour as no rip rap is present. Monitor beaver dam surrounding inlet.

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2033	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\RMGETZLA on 2012/04/10 09:21:51		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-003	**Structure Name:**	G5-003	**Road Name:**	CUNNINGHAM	**Inspection Date:**	2002/08/09

KM:	65.90	**User km:**	965.90	**Crossing Name:**	Larson's Leap Creek	**Next Inspection Date:**	2030/01/01
Project File ID #:	7537	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	9,000		**Outlet Cover (mm):**	9,000	
Footing Type:			**Gradient (%):**	3.0	
Culvert Length (metres):	61.0	**Opening Height (mm):**	1,600	**Opening Width (mm):**	1,600
UTM Zone:	10	**UTM Easting:**	363103	**UTM Northing:**	6043694
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**		1986	
Access:	Minor culvert 1600				

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Excellent	No Comment Available -Converter.RNI
Outlet	Excellent	No Comment Available -Converter.RNI
Riprap	Good	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-003	Structure Name:	G5-003	Road Name:	CUNNINGHAM	Inspection Date:	2002/08/09

CHANNEL

Estimated Present Water Level Depth:		Estimated Present Water Level Width:	
Estimated High Water Level Clearance:	0.8		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2036	Estimated Replacement (year):	
Current Inspection Load Rating:	54	Design Load GVW (tonnes):	54	Design Vehicle Config.:	
Professional Inspection Required?	No	Report Status:	Accepted By IDIR\RMGETZLA on 2012/04/10 09:24:31		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-RW001	**Structure Name:**	G5-RW001	**Road Name:**	CUNNINGHAM	**Inspection Date:**	2020/09/22

KM:	17.50	**User km:**		**Crossing Name:**	Retaining Wall	**Next Inspection Date:**	2023/09/22
Project File ID #:	7537	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):			**Outlet Cover (mm):**		
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	5.0	**Opening Height (mm):**	300	**Opening Width (mm):**	300
UTM Zone:	10	**UTM Easting:**	400979	**UTM Northing:**	6026746
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**		2002	

Access: This site is the location of a retaining wall, 917.5km Cunningham FSR.
** INSPECT THIS STRUCTURE ANNUALLY **

This is now part of the Retaining Wall Program - 2021 (JO)

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Not Applicable	
Coating	Not Applicable	
Embedment Materials	Not Applicable	
Fill	Unrated	retaining wall
Floor	Not Applicable	
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Unrated	retaining wall

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-RW001	Structure Name:	G5-RW001	Road Name:	CUNNINGHAM	Inspection Date:	2020/09/22

Outlet	Unrated	retaining wall
Overall	Unrated	retaining wall
Riprap	Not Applicable	
Roof	Unrated	retaining wall
Side Walls	Unrated	retaining wall
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	0.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
3	shifting of lock blocks

GENERAL

Inspector's Comment:	some movement in lock Blocks no major issues noted. Ditch work completed 2020 including cleaning of culverts should keep majority of water coming down the upslope side of the road away from wall and help keep road \ hill side from slipping. requested that survey points be put on wall.

GENERAL

PEng's Comment:	this is not part of the retaining wall inventory program and no longer part of the routine bridge inspections.

GENERAL

Estimated Load Restriction (year):	2047	**Estimated Replacement (year):**			
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/22 13:27:47		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-006	**Structure Name:**	G5-006	**Road Name:**	ANTIMONY	**Inspection Date:**	2021/10/14
KM:	0.40	**User km:**	0.40	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/10/14
Project File ID #:	7537	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** Left	Concrete Lock Blocks
Superstructure:	Steel Truss/Bailey/Acrow	Right	Concrete Lock Blocks

Total Length (metres):	9.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9
UTM Zone:	10	**UTM Easting:**	397201	**UTM Northing:**	6031028		
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	2002				

Access: Turn right at km 24 on the Cunningham FSR

ABUTMENTS

Bearings	Poor	Crushing timber sill
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Good	
Caps or Sills	Poor	Showing rot and crushing under bearings
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-006	Structure Name:	G5-006	Road Name:	ANTIMONY	Inspection Date:	2021/10/14

Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	200mm timbers
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Fair	
Sub Deck	Good	
Ties	Unrated	None

SUPERSTRUCTURE

Span 1

Bracing	Fair	Bent but not structural
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	Yes	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
4	Required	Medium	$ 0.00	Install both bridge ahead signs
5	Required	Medium	$ 0.00	Minor brush removel
6	Required	High	$ 0.00	Remove beaver dam. Will flood approach if height increases
7	Required	High		Replace timber sills

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-006	Structure Name:	G5-006	Road Name:	ANTIMONY	Inspection Date:	2021/10/14

MONITORS

#	Description

GENERAL

Inspector's Comment:	Recommend load restriction

GENERAL

PEng's Comment:	Replace timber sills before industrial use. May be downrated at any time due to poor sills. BH

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/04 12:10:47		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-007	**Structure Name:**	G5-007	**Road Name:**	ANTIMONY	**Inspection Date:**	2021/10/14
KM:	1.60	**User km:**	1.60	**Crossing Name:**	Ucausley Creek tributary	**Next Inspection Date:**	2024/10/14
Project File ID #:	7537	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel Truss/Bailey/Acrow	**Right**	Concrete Lock Blocks

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	397480	**UTM Northing:**	6032148		
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	2002				

Access: Turn right at km 24 on the Cunningham FSR.

ABUTMENTS

Bearings	Poor	Crushing timber sill
Bracing	Not Applicable	
Ballast Wall	Fair	
Concrete Lock Blocks	Good	
Concrete Precast	Good	
Corrosion Protection	Good	
Caps or Sills	Poor	Show signs of decay and crushing under bearing
Fill	Fair	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	

Corporate Bridge Register (CBR)

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-007	Structure Name:	G5-007	Road Name:	ANTIMONY	Inspection Date:	2021/10/14

Posted Load Rating (Enter 0 if sign missing)	68	
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	200mm x 200mm timbers
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Fair	
Running Planks	Fair	Showing some rot
Sub Deck	Fair	Indicators of decay
Ties	Unrated	N/A

SUPERSTRUCTURE

Span 1

Bracing	Fair	One bent but not structural
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-007	Structure Name:	G5-007	Road Name:	ANTIMONY	Inspection Date:	2021/10/14

REPAIRS

#	Status	Priority	Estimate	Description
4	Required	Medium	$ 0.00	Install both bridge ahead signs
5	Required	Medium	$ 0.00	Minor brushing around abutments
6	Required	Medium		Replace timber sills

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Consider replacing sills. Indicating rot in decking. May be downrated at any time.

GENERAL

Estimated Load Restriction (year):	2025	Estimated Replacement (year):	
Current Inspection Load Rating:	68	Design Load GVW (tonnes):	68
Design Vehicle Config.:			
Professional Inspection Required?	No	Report Status:	Reviewed By Bruce Henderson on 2022/02/06 13:31:21

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-055	**Structure Name:**	G4-055	**Road Name:**	KLUSKUS	**Inspection Date:**	2019/08/09

KM:	26.50	**User km:**	26.50	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/08/09
Project File ID #:	7655	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Elliptical		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	20.7	**Opening Height (mm):**	1,630	**Opening Width (mm):**	2,240
UTM Zone:	10	**UTM Easting:**	415341	**UTM Northing:**	5968528
Inspector Name:	dawson smith	**Year Superstructure Installed:**		1998	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-055	Structure Name:	G4-055	Road Name:	KLUSKUS	Inspection Date:	2019/08/09

Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	GOOD

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2048	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/22 10:40:16		

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-056	**Structure Name:**	G4-056	**Road Name:**	KLUSKUS	**Inspection Date:**	2002/07/10

KM:	27.00	**User km:**	27.00	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2030/01/01
Project File ID #:	7655	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	2,500		**Outlet Cover (mm):**	2,500	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	20.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	415185	**UTM Northing:**	5967875
Inspector Name:	Ed Cienciala	**Year Superstructure Installed:**	1998		
Access:					

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Riprap	Good	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-056	Structure Name:	G4-056	Road Name:	KLUSKUS	Inspection Date:	2002/07/10

CHANNEL

Estimated Present Water Level Depth:		Estimated Present Water Level Width:	
Estimated High Water Level Clearance:	1.3		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2048	Estimated Replacement (year):	
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	
Professional Inspection Required?	No	Report Status:	Accepted By IDIR\RMGETZLA on 2012/04/12 16:28:57		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-048	**Structure Name:**	G4-048	**Road Name:**	KLUSKUS	**Inspection Date:**	2019/08/08

KM:	33.50	**User km:**	33.50	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/08/08
Project File ID #:	7655	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Elliptical		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,500		**Outlet Cover (mm):**	1,500	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	18.9	**Opening Height (mm):**	2,080	**Opening Width (mm):**	2,690
UTM Zone:	10	**UTM Easting:**	412440	**UTM Northing:**	5962541
Inspector Name:	dawson smith	**Year Superstructure Installed:**		1998	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-048	Structure Name:	G4-048	Road Name:	KLUSKUS	Inspection Date:	2019/08/08

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	1.2		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Not Required	Medium	$ 250.00	inlet and outlet require brushing

MONITORS

#	Description

GENERAL

Inspector's Comment:	inlet and outlet require brushing..

GENERAL

PEng's Comment:	Brushing NOT required.

GENERAL

Estimated Load Restriction (year):	2048	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/20 16:02:14		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-061	**Structure Name:**	G4-061	**Road Name:**	KLUSKUS	**Inspection Date:**	2020/10/22

KM:	48.70	**User km:**	49.00	**Crossing Name:**	Un-named	**Next Inspection Date:**	2023/10/22
Project File ID #:	7655	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Elliptical		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,500		**Outlet Cover (mm):**	1,500	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	37.0	**Opening Height (mm):**	1,869	**Opening Width (mm):**	2,590
UTM Zone:	10	**UTM Easting:**	411423	**UTM Northing:**	5947289
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**		2007	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Good	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-061	Structure Name:	G4-061	Road Name:	KLUSKUS	Inspection Date:	2020/10/22

Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	looks good

GENERAL

Estimated Load Restriction (year):	2055	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/09 15:41:49		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-067	**Structure Name:**	G4-067	**Road Name:**	KLUSKUS	**Inspection Date:**	2020/10/22

KM:	60.10	**User km:**	61.00	**Crossing Name:**	Un-named	**Next Inspection Date:**	2023/10/22
Project File ID #:	7655	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	3,000		**Outlet Cover (mm):**		
Footing Type:	Piles		**Gradient (%):**		
Culvert Length (metres):	30.0	**Opening Height (mm):**	3,000	**Opening Width (mm):**	5,000
UTM Zone:	10	**UTM Easting:**	406898	**UTM Northing:**	5938177
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**		2006	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Not Applicable	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-067	Structure Name:	G4-067	Road Name:	KLUSKUS	Inspection Date:	2020/10/22

Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	looks ok

GENERAL

Estimated Load Restriction (year):	2056	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/09 16:00:41		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-050	Structure Name:	G4-050	Road Name:	KLUSKUS	Inspection Date:	2005/05/26

KM:	61.20	User km:	61.20	Crossing Name:	Roy Creek	Next Inspection Date:	2008/05/26
Project File ID #:	7655	Br.	01	Forest District:	Stuart Nechako Natural Resource District		

Culvert Type:		Culvert Material:	
Inlet Cover (mm):	3	Outlet Cover (mm):	3
Footing Type:		Gradient (%):	

Culvert Length (metres):	27.0	Opening Height (mm):	3	Opening Width (mm):	3
UTM Zone:	10	UTM Easting:	406843	UTM Northing:	5938277

Inspector Name:	Vince Sewell	Year Superstructure Installed:	1987
Access:			

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Riprap	Good	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-050	Structure Name:	G4-050	Road Name:	KLUSKUS	Inspection Date:	2005/05/26

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Monitor beaver dams up and down stream. (OK chinch99) (OK chinch02) OK U/S - May/05 Mntce 200B - Not required - Crossing to be removed 2005 - May/05

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):		**Estimated Replacement (year):**	
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):** 91	**Design Vehicle Config.:**
Professional Inspection Required?	No	**Report Status:**	Accepted By Raymond Getzlaf on 2012/04/13 00:00:00

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-051	**Structure Name:**	G4-051	**Road Name:**	KLUSKUS	**Inspection Date:**	2020/07/29

KM:	77.00	**User km:**	77.00	**Crossing Name:**	Big Bend Creek	**Next Inspection Date:**	2023/07/29
Project File ID #:	7655	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	2,000		**Outlet Cover (mm):**	2,000	
Footing Type:	Piles		**Gradient (%):**		
Culvert Length (metres):	14.6	**Opening Height (mm):**	2,530	**Opening Width (mm):**	7,446
UTM Zone:	10	**UTM Easting:**	394950	**UTM Northing:**	5932573
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1997		
Access:					

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	Rust along bottom edge
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Not Applicable	
Footing	Good	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-051	Structure Name:	G4-051	Road Name:	KLUSKUS	Inspection Date:	2020/07/29

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Good	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	5.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	Yes	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:	scour along left footing top

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	looks good

GENERAL

Estimated Load Restriction (year):	2047	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/09 14:37:28		

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-057	Structure Name:	G4-057	Road Name:	KLUSKUS	Inspection Date:	2016/07/12

KM:	83.00	User km:	83.00	Crossing Name:	unknown	Next Inspection Date:	2019/07/12
Project File ID #:	7655	Br.	01	Forest District:	Stuart Nechako Natural Resource District		

Culvert Type:	Elliptical	Culvert Material:	Corrugated Steel
Inlet Cover (mm):	1,000	Outlet Cover (mm):	1,000
Footing Type:		Gradient (%):	1.0

Culvert Length (metres):	26.0	Opening Height (mm):	1,400	Opening Width (mm):	2,130
UTM Zone:	10	UTM Easting:	397599	UTM Northing:	5928242

Inspector Name:	Donovan J. A. Melin	Year Superstructure Installed:	2007

Access:	Minor culvert

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Excellent	beautiful with the spaced rocks and gravel.
Fill	Good	
Floor	Unrated	under gravel
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-057	Structure Name:	G4-057	Road Name:	KLUSKUS	Inspection Date:	2016/07/12

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	0.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:	No water has touched this culvert.								

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	This culvert is not here for a watercourse. It looks like it was built for animal migration. Culvert is in excellent condition. Wrong photos uploaded in 2013. MD

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2045	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2016/12/19 09:30:09		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-052	**Structure Name:**	G4-052-2	**Road Name:**	KLUSKUS	**Inspection Date:**	2020/07/29

KM:	83.70	**User km:**	84.10	**Crossing Name:**	Big Bend Creek	**Next Inspection Date:**	2023/07/29
Project File ID #:	7655	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	500		**Outlet Cover (mm):**	500	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	24.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	398740	**UTM Northing:**	5927463
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1979		
Access:					

APPROACHES

Alignment	Good	
Alignment	Good	
Bridge Ahead Signs Missing	2	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Fender Condition	None	
Road Surface	Good	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Baffles	Not Applicable	
Bolted Connections	Good	Rivets

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-052	Structure Name:	G4-052-2	Road Name:	KLUSKUS	Inspection Date:	2020/07/29

Bolted Connections	Good	Rivets
Coupled Connections	Not Applicable	
Coupled Connections	Not Applicable	
Coating	Fair	Rust on bottom
Coating	Fair	Rust on bottom
Embedment Materials	Not Applicable	
Embedment Materials	Not Applicable	
Fill	Good	
Fill	Good	
Floor	Fair	rust
Floor	Fair	rust
Footing	Not Applicable	
Footing	Not Applicable	
Head Wall	Good	
Head Wall	Good	
Inlet	Good	
Inlet	Good	
Outlet	Good	
Outlet	Good	
Overall	Good	
Overall	Good	
Riprap	Not Applicable	
Riprap	Not Applicable	
Roof	Good	
Roof	Good	
Side Walls	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-052	Structure Name:	G4-052-2	Road Name:	KLUSKUS	Inspection Date:	2020/07/29

Wiers/Backwater Structures	Not Applicable	
Wing Wall	Good	
Wing Wall	Good	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	see structure 1 for photos

GENERAL

PEng's Comment:	looks ok

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/09 15:27:13		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-052	**Structure Name:**	G4-052	**Road Name:**	KLUSKUS	**Inspection Date:**	2020/09/29

KM:	83.70	**User km:**	84.10	**Crossing Name:**	Big Bend Creek	**Next Inspection Date:**	2023/09/29
Project File ID #:	7655	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	500		**Outlet Cover (mm):**	500	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	24.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	398740	**UTM Northing:**	5927463
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1979		
Access:					

APPROACHES

Alignment	Good	
Alignment	Good	
Bridge Ahead Signs Missing	2	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Fender Condition	None	
Road Surface	Good	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Baffles	Not Applicable	
Bolted Connections	Good	Rivets

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-052	Structure Name:	G4-052	Road Name:	KLUSKUS	Inspection Date:	2020/09/29

Bolted Connections	Good	Rivets
Coupled Connections	Not Applicable	
Coupled Connections	Not Applicable	
Coating	Fair	Rust on bottom
Coating	Fair	Rust on bottom
Embedment Materials	Not Applicable	
Embedment Materials	Not Applicable	
Fill	Good	
Fill	Good	
Floor	Fair	rust
Floor	Fair	rust
Footing	Not Applicable	
Footing	Not Applicable	
Head Wall	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Inlet	Good	
Outlet	Good	
Outlet	Good	
Overall	Good	
Overall	Good	
Riprap	Not Applicable	
Riprap	Not Applicable	
Roof	Good	
Roof	Good	
Side Walls	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-052	Structure Name:	G4-052	Road Name:	KLUSKUS	Inspection Date:	2020/09/29

Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.2
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Looks ok

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**	2030		
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/09 15:17:42		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-052	**Structure Name:**	G4-052-3	**Road Name:**	KLUSKUS	**Inspection Date:**	2020/07/29

KM:	83.70	**User km:**	84.10	**Crossing Name:**	Big Bend Creek	**Next Inspection Date:**	2023/07/29
Project File ID #:	7655	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	500		**Outlet Cover (mm):**	500	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	24.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	398740	**UTM Northing:**	5927463
Inspector Name:	Warren Wilkinson		**Year Superstructure Installed:**	1979	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	Rivets
Coupled Connections	Not Applicable	
Coating	Good	Rust on flloor
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	Rust
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-052	Structure Name:	G4-052-3	Road Name:	KLUSKUS	Inspection Date:	2020/07/29

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	See culvert # 1 for photos

GENERAL

PEng's Comment:	looks good

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/09 15:28:49		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-110	**Structure Name:**	G4-110A	**Road Name:**	KLUSKUS	**Inspection Date:**	2019/08/08
KM:	118.00	**User km:**	117.20	**Crossing Name:**	Chedakuz Creek	**Next Inspection Date:**	2022/08/08
Project File ID #:	7655	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Pile -Permanent Materials
Superstructure:	Steel I-beam	Right	Pile -Permanent Materials

Total Length (metres):	21.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	21.3
UTM Zone:	10	**UTM Easting:**	383940	**UTM Northing:**	5909411		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	2008				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Excellent	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-110	Structure Name:	G4-110A	Road Name:	KLUSKUS	Inspection Date:	2019/08/08

DECK

Span 1

Concrete Deck	Fair	
Curb Rail/Blocks/Posts	Good	new sections
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	4.5
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-110	Structure Name:	G4-110A	Road Name:	KLUSKUS	Inspection Date:	2019/08/08

GENERAL	**Inspector's Comment:**	good
GENERAL	**PEng's Comment:**	

GENERAL						
Estimated Load Restriction (year):	2050	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/20 15:47:39			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-114	**Structure Name:**	G4-114	**Road Name:**	KLUSKUS	**Inspection Date:**	2019/08/08

KM:	119.00	**User km:**	119.00	**Crossing Name:**	Unnamed Creek	**Next Inspection Date:**	2022/08/08
Project File ID #:	7655	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	700		**Outlet Cover (mm):**	900	
Footing Type:	Precast Concrete Footing		**Gradient (%):**		
Culvert Length (metres):	14.0	**Opening Height (mm):**	1,360	**Opening Width (mm):**	3,350
UTM Zone:	10	**UTM Easting:**	382946	**UTM Northing:**	5908529
Inspector Name:	dawson smith	**Year Superstructure Installed:**		2005	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Not Applicable	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Not Applicable	
Head Wall	Good	
Inlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-114	Structure Name:	G4-114	Road Name:	KLUSKUS	Inspection Date:	2019/08/08

Outlet	Poor	breaks in welds
Overall	Fair	
Riprap	Not Applicable	
Roof	Unrated	CULVERT WAS FULL COULD NOT INSPECT
Side Walls	Unrated	CULVERT WAS FULL COULD NOT INSPECT
Trash Rack	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	2.0	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	weld breaks

MONITORS

#	Description

GENERAL

Inspector's Comment: fair, WELDS BROKEN ON RIGHT HAND HEADWALL.

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):	2050	**Estimated Replacement (year):**			
Current Inspection Load Rating:	64	**Design Load GVW (tonnes):**	64	**Design Vehicle Config.:**	BCL62
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/24 14:23:01		

Corporate Bridge Register (CBR)

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-111	**Structure Name:**	G4-111	**Road Name:**	KLUSKUS	**Inspection Date:**	2019/08/08

KM:	141.40	**User km:**	140.50	**Crossing Name:**	Fawnie Creek #1	**Next Inspection Date:**	2022/08/08
Project File ID #:	7655	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Binwall
Superstructure:	Steel I-beam	**Right**	Binwall

Total Length (metres):	22.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	22

UTM Zone:	10	**UTM Easting:**	363856	**UTM Northing:**	5899306

Inspector Name:	dawson smith	**Year Superstructure Installed:**	1996

Access: ROAD TENURE IS REQUIRES UPDATING

ABUTMENTS

Bearings	Not Applicable	
Binwall	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	91000	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G4-111	Structure Name:	G4-111	Road Name:	KLUSKUS	Inspection Date:	2019/08/08

Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	RECENT REPLACED
Deck to Girder Bolts	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-111	Structure Name:	G4-111	Road Name:	KLUSKUS	Inspection Date:	2019/08/08

MONITORS

#	Description

GENERAL

Inspector's Comment:	good

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2036	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/20 14:58:31		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-112	**Structure Name:**	G4-112	**Road Name:**	KLUSKUS	**Inspection Date:**	2019/08/08
KM:	143.00	**User km:**	142.00	**Crossing Name:**	Fawnie Creek #2	**Next Inspection Date:**	2022/08/08
Project File ID #:	7655	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Glulam Girder	**Right**	Pile -Permanent Materials

Total Length (metres):	13.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	13
UTM Zone:	10	**UTM Easting:**	362656	**UTM Northing:**	5898147		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	1978				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Fair	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Poor	2 posts on up side have shifted a bit
Riprap	Fair	minimal on both sides
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91000	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-112	Structure Name:	G4-112	Road Name:	KLUSKUS	Inspection Date:	2019/08/08

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Excellent	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.5
Estimated High Water Level Clearance:	5.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	monitor posts for movement

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-112	Structure Name:	G4-112	Road Name:	KLUSKUS	Inspection Date:	2019/08/08

GENERAL	**Inspector's Comment:**	good, LOAD RATING SIGNS AND DELINIATORS DONE
GENERAL	**PEng's Comment:**	Close Proximity Inspection scheduled for 2020 to determine condition of bridge. That inspection could result in additional repairs or load rating reductions.

GENERAL						
Estimated Load Restriction (year):	2024	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/24 12:15:01			

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-062	**Structure Name:**	G4-062	**Road Name:**	KLUSKUS	**Inspection Date:**	2021/09/09
KM:	148.50	**User km:**	148.50	**Crossing Name:**	Unknown	**Next Inspection Date:**	2024/09/09
Project File ID #:	7655	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	Right	Steel Pipe and Precast Pad

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18.3
UTM Zone:	10	**UTM Easting:**	362147	**UTM Northing:**	5892933		
Inspector Name:	Vince Sewell	**Year Superstructure Installed:**	2006				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Good	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91	Old type sign
Road Surface	Good	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-062	Structure Name:	G4-062	Road Name:	KLUSKUS	Inspection Date:	2021/09/09

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.3	Estimated Present Water Level Width:	3.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-062	Structure Name:	G4-062	Road Name:	KLUSKUS	Inspection Date:	2021/09/09

GENERAL	**Inspector's Comment:**	
GENERAL	**PEng's Comment:**	No concerns

GENERAL						
Estimated Load Restriction (year):	2050	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/19 13:46:46			

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-064	**Structure Name:**	G4-064	**Road Name:**	KLUSKUS	**Inspection Date:**	2021/09/08

KM:	150.20	**User km:**	151.60	**Crossing Name:**	Unknown	**Next Inspection Date:**	2024/09/08
Project File ID #:	7655	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Concrete Slab Girders	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	10.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	10
UTM Zone:	10	**UTM Easting:**	361361	**UTM Northing:**	5890287		
Inspector Name:	Vince Sewell	**Year Superstructure Installed:**	2006				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	Not visible
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-064	Structure Name:	G4-064	Road Name:	KLUSKUS	Inspection Date:	2021/09/08

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Fair	1 broken riser US side broken curb
Deck Joints	Good	
Grout Pockets	Not Applicable	
Grout Pockets	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	
Hardware	Not Applicable	
Welded/grouted shear connectors	Unrated	Can't see

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	Yes	**Debris:**	No	**Aggradation:**	No

Comment: Ice builds up under bridge in some winters, no damage

REPAIRS

#	Status	Priority	Estimate	Description
3	Required	High	$ 0.00	Replace damaged riser, curb and mudboards.

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-064	Structure Name:	G4-064	Road Name:	KLUSKUS	Inspection Date:	2021/09/08

GENERAL	**Inspector's Comment:**	Good condition except curbs will require repairs soon if hit again, still solid
GENERAL	**PEng's Comment:**	Repairs required for damaged riser, curbs and replace mud boards. BH

GENERAL

Estimated Load Restriction (year):	2056	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/19 14:19:52		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-113	**Structure Name:**	G4-113	**Road Name:**	KLUSKUS	**Inspection Date:**	2021/09/23
KM:	156.70	**User km:**	156.80	**Crossing Name:**	Rozek Creek	**Next Inspection Date:**	2024/09/23
Project File ID #:	7655	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** Left	Pile -Permanent Materials
Superstructure:	Glulam Girder	Right	Pile -Permanent Materials

Total Length (metres):	13.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	13
UTM Zone:	10	**UTM Easting:**	358283	**UTM Northing:**	5886472		
Inspector Name:	Kody Pepper	**Year Superstructure Installed:**	1977				
Access:							

ABUTMENTS

Bearings	Good	Galvanized steel angle clips. The visible portions of the clips were in good condition. Other portions covered in debris.
Bracing	Not Applicable	N/A
Ballast Wall	Fair	Some scour/erosion noted at the bottom of the left abutment wall
Corrosion Protection	Not Applicable	Creosote leaching
Caps or Sills	Good	Good during sounding. Debris on the cap beams, recommend removing the debris
Fill	Fair	No issues noted
Hardware	Not Applicable	N/A
Piles or Posts	Fair	Drilled one pile per abutment, both showed dry and no rot.
Riprap	Not Applicable	No rip rap present. Only high fines under the bridge with natural vegetation beside the bridge
Wing Wall	Fair	Some scour/erosion on all wing walls. Monitor wing wall piles for movement

APPROACHES

Alignment	Good	Slight raise in grade near the bridge, but adequate
Bridge Ahead Signs Missing	1	Right approach sign is knocked over
Brushing Required	No	No issues noted
Delineator Missing Left (approaching structure)	1	Missing upstream delineator
Delineator Missing Right (approaching structure)	0	Both still in place
Fender Condition	Fair	Right downstream corner is hanging off the ballast wall. Barriers need alignment and connection, general wear noted on barriers

Corporate Bridge Register (CBR)

Disclaimer:
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Site #:	G4-113	Structure Name:	G4-113	Road Name:	KLUSKUS	Inspection Date:	2021/09/23

Posted Load Rating (Enter 0 if sign missing)	0	No load rating signs
Road Surface	Fair	Slight erosion on the right approach. Noticeable hole at center of roadway

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	Good during sounding. Downstream curb is leaning but was still connected to the deck and functional. Some washers missing and loose nuts noted
Deck to Girder Bolts	Good	Some washers missing and loose nuts noted
Hardware	Not Applicable	N/A
Hand Rails/Walkouts	Not Applicable	N/A
Nails	Good	No issues noted
Overall Deck Condition	Poor	Replace 30% of the wearing surface planks. Monitor remaining wearing surface for deterioration and the downstream curb for movement
Running Planks	Poor	30% of the wearing planks were in poor condition, remaining planks were in fair condition
Sub Deck	Fair	Subdeck noted to be soft during sounding. Drill sample near right abutment and left abutments were dry with no rot or moisture noted.
Ties	Fair	Drill near midspan was very hard, no rot or moisture. Drill near left abutment similar to mid span. Remaining ties were good during sounding.

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	N/A
Diaphrams	Good	No issues noted
Girders	Good	General checking noted with width 2mm or less and depth 30mm or less
Hardware	Good	No issues noted
Under Trussing	Not Applicable	N/A

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:	Present water clearance is 1.84m. High fines under the bridge with no rip rap								

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-113	Structure Name:	G4-113	Road Name:	KLUSKUS	Inspection Date:	2021/09/23

REPAIRS

#	Status	Priority	Estimate	Description
6	Required	High	$ 0.00	Replace 30% of the wearing surface
7	Required	Medium	$ 0.00	Re-align and connect the approach barriers
8	Required	Low	$ 0.00	Fix right approach bridge ahead sign
9	Required	Low	$ 0.00	Install left upstream delineator and re-align the others

MONITORS

#	Description
4	Monitor wear surface and subdeck for deterioration
6	Monitor approaches for erosion

GENERAL

Inspector's Comment: The bridge is generally in adequate condition, but some of the wearing surface planks were worn and soft during sounding. Approximately 30% of the wearing planks are required to be replaced. The approach barriers on all four corners were noted to be disconnected and the right approach downstream barrier was hanging off the ballast wall. The right downstream barrier should be realigned and all barriers should be re-connected. The approaches should be monitored for further erosion. The downstream curb was noted to be leaning outwards and should be monitored for future movement. The fourth bearing pile on the left abutment was wrapped with some tape material and partially coated with a mortar based material. This was later determined to be a repair that was approved by Scouten Engineering in 2019. For further details, see the 2021 Close Proximity Inspection Report.

Concern with curbs and end fill. DA.

GENERAL

PEng's Comment: Bridge seems in fair condition overall. LH Replacement date extended till 2024. See Allnorth Sept 23 2021 CP inspection report in documents and photos for details. BH

GENERAL

Estimated Load Restriction (year):	2024	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/21 13:42:27		

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-065	**Structure Name:**	G4-065-3	**Road Name:**	CORKSCREW	**Inspection Date:**	2019/08/01

KM:	9.50	**User km:**	10.20	**Crossing Name:**	Corkscrew Creek	**Next Inspection Date:**	2022/08/01
Project File ID #:	7655	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	300		**Outlet Cover (mm):**	300	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	16.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	423730	**UTM Northing:**	5966028
Inspector Name:	Dawson SMITH		**Year Superstructure Installed:**		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	LOG ACROSS INLET SHOULD BE REMOVED
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-065	Structure Name:	G4-065-3	Road Name:	CORKSCREW	Inspection Date:	2019/08/01

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 250.00	REMOVE LOG ACROSS THE INLETS

MONITORS

#	Description

GENERAL

Inspector's Comment:	GOOD, PIPE ON THE LEFT IN THE INLET PICTURES. LOG ACROSS INLETS NEEDS TO BE REMOVED..

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/14 13:07:53		

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-065	**Structure Name:**	G4-065	**Road Name:**	CORKSCREW	**Inspection Date:**	2019/08/08
KM:	9.50	**User km:**	10.20	**Crossing Name:**	Corkscrew Creek	**Next Inspection Date:**	2022/08/08
Project File ID #:	7655	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	300	**Outlet Cover (mm):**	300
Footing Type:		**Gradient (%):**	

Culvert Length (metres):	16.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	423730	**UTM Northing:**	5966028

Inspector Name:	dawson smith	**Year Superstructure Installed:**	1983
Access:			

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-065	Structure Name:	G4-065	Road Name:	CORKSCREW	Inspection Date:	2019/08/08

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 250.00	REMOVE LOG FROM INLET

MONITORS

#	Description

GENERAL

Inspector's Comment:	good, LOG NEEDS TO BE REMOVED FROM INLET, PIPE IS ON THE RIGHT IN THE INLET PICTURE

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/14 12:47:10		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-065	**Structure Name:**	G4-065-2	**Road Name:**	CORKSCREW	**Inspection Date:**	2019/08/01

KM:	9.50	**User km:**	10.20	**Crossing Name:**	Corkscrew Creek	**Next Inspection Date:**	2022/08/01
Project File ID #:	7655	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	300		**Outlet Cover (mm):**	300	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	16.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	423730	**UTM Northing:**	5966028
Inspector Name:	Dawson SMITH		**Year Superstructure Installed:**	1983	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-065	Structure Name:	G4-065-2	Road Name:	CORKSCREW	Inspection Date:	2019/08/01

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 250.00	REMOVE LOG FROM ACROSS INLET

MONITORS

#	Description

GENERAL

Inspector's Comment:	GOOD, MIDDLE PIPE IN THE PICTURES.

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/14 13:06:38		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-070	**Structure Name:**	G4-070	**Road Name:**	LAVOIE-GOLD	**Inspection Date:**	2020/10/22

KM:	3.00	**User km:**	2.50	**Crossing Name:**	Roy Creek	**Next Inspection Date:**	2023/10/22
Project File ID #:	7655	**Br.**	04	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,200		**Outlet Cover (mm):**	1,200	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	21.0	**Opening Height (mm):**	3,000	**Opening Width (mm):**	3,000
UTM Zone:	10	**UTM Easting:**	409378	**UTM Northing:**	5937340
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1993		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	rust on floor
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	rust on floor
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-070	Structure Name:	G4-070	Road Name:	LAVOIE-GOLD	Inspection Date:	2020/10/22

Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	looks good

GENERAL

Estimated Load Restriction (year):	2033	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/09 16:03:23		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-071	**Structure Name:**	G4-071-2	**Road Name:**	LAVOIE-GOLD	**Inspection Date:**	2020/10/22

KM:	3.50	**User km:**	3.50	**Crossing Name:**	Finger Creek	**Next Inspection Date:**	2023/10/22
Project File ID #:	7655	**Br.**	04	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,500		**Outlet Cover (mm):**	1,500	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	21.0	**Opening Height (mm):**	1,600	**Opening Width (mm):**	1,600
UTM Zone:	10	**UTM Easting:**	408572	**UTM Northing:**	5936852
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1983		
Access:					

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:			

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	beaver dam inlet culvert #2

MONITORS

#	Description

GENERAL

Inspector's Comment:	second culvert from left see culvert #1 for photos

GENERAL

PEng's Comment:	remove debris from culvert

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-071	Structure Name:	G4-071-2	Road Name:	LAVOIE-GOLD	Inspection Date:	2020/10/22

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/16 14:09:28		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-071	**Structure Name:**	G4-071	**Road Name:**	LAVOIE-GOLD	**Inspection Date:**	2020/10/22

KM:	3.50	**User km:**	3.50	**Crossing Name:**	Finger Creek	**Next Inspection Date:**	2023/10/22
Project File ID #:	7655	**Br.**	04	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,100		**Outlet Cover (mm):**	1,100	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	21.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	408572	**UTM Northing:**	5936852
Inspector Name:	warren Wilkinson	**Year Superstructure Installed:**	1983		
Access:					

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Fair	Rust on floor
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	Rust on floor
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-071	Structure Name:	G4-071	Road Name:	LAVOIE-GOLD	Inspection Date:	2020/10/22

Overall	Fair	
Riprap	Fair	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	1.7		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: Remove debris from culvert.

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/16 14:07:22		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-072	**Structure Name:**	G4-072	**Road Name:**	LAVOIE-GOLD	**Inspection Date:**	2020/10/22

KM:	11.40	**User km:**	11.40	**Crossing Name:**	Tatuk Creek	**Next Inspection Date:**	2023/10/22
Project File ID #:	7655	**Br.**	04	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Binwall
Superstructure:	Steel I-beam	Right	Binwall

Total Length (metres):	9.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9
UTM Zone:	10	**UTM Easting:**	411599	**UTM Northing:**	5931051		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1995				
Access:							

ABUTMENTS

Bearings	Good	
Binwall	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	cannot see
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-072	Structure Name:	G4-072	Road Name:	LAVOIE-GOLD	Inspection Date:	2020/10/22

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	Estimated Present Water Level Width:	2.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-072	Structure Name:	G4-072	Road Name:	LAVOIE-GOLD	Inspection Date:	2020/10/22

GENERAL	**Inspector's Comment:**	New Deck has been put on bridge. BCTS.
GENERAL	**PEng's Comment:**	looks good

GENERAL							
Estimated Load Restriction (year):		2035	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**			
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/16 14:12:05				

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-073	**Structure Name:**	G4-924	**Road Name:**	LAVOIE-GOLD	**Inspection Date:**	2021/09/09

KM:	16.40	**User km:**	16.70	**Crossing Name:**	Unknown	**Next Inspection Date:**	2024/09/09
Project File ID #:	7655	**Br.**	04	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Steel	**Running Surface:**	Anti-skid
Curb Type:		**Abutments (looking downstream)** **Left**	Sill - Permanent Materials
Superstructure:	Steel Box Beam	**Right**	Sill - Permanent Materials

Total Length (metres):	7.6	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	0
UTM Zone:	10	**UTM Easting:**	410422	**UTM Northing:**	5926223		
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	2006				

Access: Travel down the Kluskus FSR to 59 km and turn south onto the Gold Road. Travel to 16 km to reach the bridge

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	Treated timbers are undersized for soft ground
Fill	Fair	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Unrated	None
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-073	Structure Name:	G4-924	Road Name:	LAVOIE-GOLD	Inspection Date:	2021/09/09

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	
Running Surface	Poor	5cm of mud over deck
Steel Deck Plate	Good	

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	
Diaphrams	Unrated	Can not inspect. No clearance
Girders	Unrated	Can not inspect. No clearance
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	0.2		

HAZARDS

High Water:	Yes	**Scour:**	No	**Ice:**	No	**Debris:**	Yes	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
2	Required	Medium	$ 0.00	Brush obscuring bridge rails
3	Required	High	$ 0.00	Replace sills with larger bearing surface or add mud sill
4	Required	Medium	$ 0.00	Add two delineators
5	Required	High	$ 0.00	Beaver Dam removal

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-073	Structure Name:	G4-924	Road Name:	LAVOIE-GOLD	Inspection Date:	2021/09/09

GENERAL	**Inspector's Comment:**	Bridge has settled 3cm below ballast boards on both sides consistently. Need an abutment with a much larger bearing surface. Bridge should be raised 500 mm minimum. Load restriction required. Cannot take abutment pictures due to low clearance/high water.
GENERAL	**PEng's Comment:**	Beaver activity and high water has submerged abutments and difficult to inspect. Poor sill bearing suspected. Bridge should be removed if not needed. Could be downrated at any time due to settlement of bridge. BH

GENERAL						
Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**	2030			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/01 18:17:44			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-100	**Structure Name:**	G4-100	**Road Name:**	NATALKUZ-500	**Inspection Date:**	2021/08/30

KM:	36.20	**User km:**	536.20	**Crossing Name:**	Lucas Creek	**Next Inspection Date:**	2024/08/30
Project File ID #:	7655	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	30.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	30
UTM Zone:	10	**UTM Easting:**	362694	**UTM Northing:**	5936258		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1999				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Fair	Left downstream Spalding at corner of girder
Corrosion Protection	Not Applicable	
Caps or Sills	Good	Sills
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	Can't see
Riprap	Good	None along stream and not required
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Fair	One nose cone nocked off
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-100	Structure Name:	G4-100	Road Name:	NATALKUZ-500	Inspection Date:	2021/08/30

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Fair	One bolt broken by grader
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
5	Not Required	Medium	$ 0.00	Add load limit signs
6	Required	Medium		Replace missing delineators 2 right 1 left
7	Required	High	$ 0.00	Replace rotten curbs. Replace broken bolt in curb.

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-100	Structure Name:	G4-100	Road Name:	NATALKUZ-500	Inspection Date:	2021/08/30

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Some sections of curbs need replacement. Downrating may occur if repairs are not done as soon as possible. BH

GENERAL

Estimated Load Restriction (year):	2049	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/02 12:55:54		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-053	**Structure Name:**	G4-053-2	**Road Name:**	KLUSKUS BLUE	**Inspection Date:**	2019/08/08

KM:	21.50	**User km:**	0.00	**Crossing Name:**	Suscha Creek	**Next Inspection Date:**	2022/08/08
Project File ID #:	7655	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	900		**Outlet Cover (mm):**	900	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	18.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	407485	**UTM Northing:**	5898122
Inspector Name:	dawson smith		**Year Superstructure Installed:**	1983	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-053	Structure Name:	G4-053-2	Road Name:	KLUSKUS BLUE	Inspection Date:	2019/08/08

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Not Required	Medium	$	inlet and outlet require brushing

MONITORS

#	Description

GENERAL

Inspector's Comment:	PIPE ON THE LEFT IN PICTURE 6072, THICK BRUSH MADE IT IMPOSSIBLE TO GET BETTER PICTURES, NEEDS BRUSHING

GENERAL

PEng's Comment:	no brush issue

GENERAL

Estimated Load Restriction (year):	2023	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/20 15:00:23		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-053	**Structure Name:**	G4-053	**Road Name:**	KLUSKUS BLUE	**Inspection Date:**	2019/08/08

KM:	21.50	**User km:**	0.00	**Crossing Name:**	Suscha Creek	**Next Inspection Date:**	2022/08/08
Project File ID #:	7655	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	500		**Outlet Cover (mm):**	500	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	18.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	407485	**UTM Northing:**	5898122
Inspector Name:	dawson smith		**Year Superstructure Installed:**	1983	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-053	Structure Name:	G4-053	Road Name:	KLUSKUS BLUE	Inspection Date:	2019/08/08

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.2		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Not Required	Medium	$	inlet and outlet require brushing

MONITORS

#	Description

GENERAL

Inspector's Comment:	GOOD, DOWNSTREAM SIDE BRUSHED IN

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2023	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/20 14:55:59		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-054	**Structure Name:**	G4-054	**Road Name:**	KLUSKUS BLUE	**Inspection Date:**	2020/07/29

KM:	49.50	**User km:**	51.00	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2023/07/29
Project File ID #:	7655	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	14.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	384128	**UTM Northing:**	5887208
Inspector Name:	Vince Sewell	**Year Superstructure Installed:**		1993	

Access: Site is located at 49.5 km of the Blue Road.
Mainly winter access.
culvert #1 left when facing downstream

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	too much water to walk through, appears good
Coating	Fair	some bottom rust
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-054	Structure Name:	G4-054	Road Name:	KLUSKUS BLUE	Inspection Date:	2020/07/29

Inlet	Good	minor scour
Outlet	Good	25cm drop, small fish trying to jump
Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	5.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	looks good

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-054	Structure Name:	G4-054	Road Name:	KLUSKUS BLUE	Inspection Date:	2020/07/29

GENERAL

Estimated Load Restriction (year):	2033	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/09 15:34:37		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-054	**Structure Name:**	G4-054-2	**Road Name:**	KLUSKUS BLUE	**Inspection Date:**	2020/07/29

KM:	49.50	**User km:**	51.00	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2023/07/29
Project File ID #:	7655	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	14.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	384128	**UTM Northing:**	5887208
Inspector Name:	Vince Sewell	**Year Superstructure Installed:**		1993	

Access: Site is located at 49.5 km of the Blue Road.
Mainly winter access.
culvert #1 left when facing downstream

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-054	Structure Name:	G4-054-2	Road Name:	KLUSKUS BLUE	Inspection Date:	2020/07/29

Inlet	Good	
Outlet	Good	
Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.2
Estimated High Water Level Clearance:	0.6		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	culvert #2 right when facing downstream see culvert 1 2020 inspection for photos

GENERAL

PEng's Comment:	looks good

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-054	Structure Name:	G4-054-2	Road Name:	KLUSKUS BLUE	Inspection Date:	2020/07/29

GENERAL

Estimated Load Restriction (year):	2033	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/09 15:32:58		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-090	**Structure Name:**	G4-090	**Road Name:**	MALAPUT	**Inspection Date:**	2001/07/12

KM:	3.60	**User km:**	3.60	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2030/01/01
Project File ID #:	7655	**Br.**	09	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	21,000		**Outlet Cover (mm):**	21,000	
Footing Type:			**Gradient (%):**	7.0	
Culvert Length (metres):	89.4	**Opening Height (mm):**	1,600	**Opening Width (mm):**	1,600
UTM Zone:	10	**UTM Easting:**	360346	**UTM Northing:**	5897540
Inspector Name:	Ed Cienciala	**Year Superstructure Installed:**		1989	
Access:	Minor culvert				

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI
Trash Rack	Good	No Comment Available -Converter.RNI

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-090	Structure Name:	G4-090	Road Name:	MALAPUT	Inspection Date:	2001/07/12

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	0.9		

HAZARDS

High Water:	No	Scour:	Yes	Ice:	No	Debris:	Yes	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Monitor scour at outlet and road fill erosion if not repaired.

GENERAL

Inspector's Comment:	Approach: Medium potential for road surface erosion on D/S side.

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2039	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\RMGETZLA on 2012/04/12 16:35:25		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-091	**Structure Name:**	G4-091	**Road Name:**	MALAPUT	**Inspection Date:**	2002/06/26
KM:	16.70	**User km:**	16.70	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2005/06/26
Project File ID #:	7655	**Br.**	09	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	700		**Outlet Cover (mm):**	700	
Footing Type:			**Gradient (%):**	3.0	
Culvert Length (metres):	18.0	**Opening Height (mm):**	1,400	**Opening Width (mm):**	1,400
UTM Zone:	10	**UTM Easting:**	349257	**UTM Northing:**	5891544
Inspector Name:	Tim Silbernagel		**Year Superstructure Installed:**	1989	
Access:	Minor culvert, 1400mm, leave as DNI. GZ 2020				

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Riprap	Good	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-091	Structure Name:	G4-091	Road Name:	MALAPUT	Inspection Date:	2002/06/26

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	0.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Windfall problem upstream to monitor. Monitor scour at outlet if not fixed. (no change - chinch 2002)

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2039	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\RMGETZLA on 2012/04/13 11:20:48		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-092	**Structure Name:**	G4-092	**Road Name:**	MALAPUT	**Inspection Date:**	2019/08/08

KM:	19.60	**User km:**	19.60	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/08/08
Project File ID #:	7655	**Br.**	09	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	10,700		**Outlet Cover (mm):**	10,700	
Footing Type:			**Gradient (%):**	7.0	
Culvert Length (metres):	48.0	**Opening Height (mm):**	1,600	**Opening Width (mm):**	1,600
UTM Zone:	10	**UTM Easting:**	346584	**UTM Northing:**	5892022
Inspector Name:	dawson smith	**Year Superstructure Installed:**		1989	
Access:	Minor culvert				

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	INLET SIDE
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Fair	MINOR SCOURING ON RIGHT SIDE OF ROAD

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Excellent	
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-092	Structure Name:	G4-092	Road Name:	MALAPUT	Inspection Date:	2019/08/08

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	5.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Not Required	Medium	$	brush out inlet

MONITORS

#	Description

GENERAL

Inspector's Comment:	good, LOCK BLOCKS ON ROAD BED, INLET BRUSHED IN, MINOR SCOURING ON ROAD BED

GENERAL

PEng's Comment:	From the pictures the brush is NOT in the stream or blocking the inlet. It appears to be just vegetation growing on the ground.

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/20 14:52:44		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-059	**Structure Name:**	G4-059	**Road Name:**	BLACKWATER-	**Inspection Date:**	2019/08/08
KM:	6.30	**User km:**	6.30	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/08/08
Project File ID #:	7655	**Br.**	10	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	900		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**	1.0	
Culvert Length (metres):	20.0	**Opening Height (mm):**	2,000	**Opening Width (mm):**	2,000
UTM Zone:	10	**UTM Easting:**	411445	**UTM Northing:**	5896792
Inspector Name:	dawson smith		**Year Superstructure Installed:**	1988	
Access:	Road is posted as the 4000 Road				

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Good	
Bolted Connections	Not Applicable	
Coupled Connections	Poor	seperation 1/3 way from outlet end
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-059	Structure Name:	G4-059	Road Name:	BLACKWATER-	Inspection Date:	2019/08/08

Overall	Fair	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$	inlet and outlet rquire brushing

MONITORS

#	Description
1	monitor seperation of coupler

GENERAL

Inspector's Comment: good,at 5.9 kms

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):	2028	**Estimated Replacement (year):**	
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91
Design Vehicle Config.:			
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/24 08:30:54

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-058	**Structure Name:**	G4-926	**Road Name:**	BLACKWATER-	**Inspection Date:**	2020/07/22

KM:	16.00	**User km:**	16.00	**Crossing Name:**	Beamis Creek	**Next Inspection Date:**	2022/05/12
Project File ID #:	7655	**Br.**	10	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Sill -Temporary Materials
Superstructure:	Steel I-beam	**Right**	Sill -Temporary Materials

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10			**UTM Easting:**	419934	**UTM Northing:**	5896711
Inspector Name:	Warren Wilkinson			**Year Superstructure Installed:**		2001	

Access: Turn off at 100 km on Kluskus onto Blue Road. Turn left at 19 km onto Kluskus-Blackwater. Access control (concrete blocks) at 13.5 km.

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	a couple of board bowed
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	corner and hill
Bridge Ahead Signs Missing	0	badly brushed in
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-058	Structure Name:	G4-926	Road Name:	BLACKWATER-	Inspection Date:	2020/07/22

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Good	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	Estimated Present Water Level Width:	1.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-058	Structure Name:	G4-926	Road Name:	BLACKWATER-	Inspection Date:	2020/07/22

GENERAL	**Inspector's Comment:**	inspected earlier in the year by Gary Zsombor
GENERAL	**PEng's Comment:**	see other inspection

GENERAL						
Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/17 10:40:29			

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-066	**Structure Name:**	G4-066	**Road Name:**	BLACKWATER-	**Inspection Date:**	2021/09/09
KM:	19.00	**User km:**	19.00	**Crossing Name:**	Fireguard Creek	**Next Inspection Date:**	2024/09/09
Project File ID #:	7655	**Br.**	10	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	Right	Steel Pipe and Precast Pad

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	10	**UTM Easting:**	420956	**UTM Northing:**	5894382		
Inspector Name:	Vince Sewell	**Year Superstructure Installed:**	2020				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Good	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-066	Structure Name:	G4-066	Road Name:	BLACKWATER-	Inspection Date:	2021/09/09

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-066	Structure Name:	G4-066	Road Name:	BLACKWATER-	Inspection Date:	2021/09/09

GENERAL	**Inspector's Comment:**	New Bridge no industrial use very good condition
GENERAL	**PEng's Comment:**	No concerns. BH

GENERAL							
Estimated Load Restriction (year):	2065	**Estimated Replacement (year):**	2065				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	L100		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/18 12:01:31				

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-080	**Structure Name:**	G4-908	**Road Name:**	LUCAS	**Inspection Date:**	2021/08/30
KM:	1.30	**User km:**	1.20	**Crossing Name:**	Lucas Creek	**Next Inspection Date:**	2023/08/30
Project File ID #:	7655	**Br.**	14	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Sill -Temporary Materials
Superstructure:	Steel I-beam	**Right**	Sill -Temporary Materials

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	363144	**UTM Northing:**	5935188		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1990				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Fair	Unpealed spruce/pne
Corrosion Protection	Not Applicable	
Caps or Sills	Good	Treated sills sitting on ground
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Poor	None on left side limited on right side
Wing Wall	Not Applicable	

APPROACHES

Alignment	Poor	Curves on both sides
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	Logs sitting on gravel
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Fair	Wilderness level

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-080	Structure Name:	G4-908	Road Name:	LUCAS	Inspection Date:	2021/08/30

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	Clips
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Fair	Loose bolts
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
8	Required	Medium	$ 0.00	Add rip rap to left side.

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-080	Structure Name:	G4-908	Road Name:	LUCAS	Inspection Date:	2021/08/30

GENERAL	Inspector's Comment:	
GENERAL	PEng's Comment:	Nearing end of life. Needs rip rap installed left side. Posted at 91 tonnes. BH

GENERAL						
Estimated Load Restriction (year):	2025	Estimated Replacement (year):	2025			
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100	
Professional Inspection Required?	No	Report Status:	Reviewed By Bruce Henderson on 2022/02/02 11:56:01			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-060	**Structure Name:**	G4-060	**Road Name:**	CHEDAKUZ	**Inspection Date:**	2020/08/19

KM:	8.10	**User km:**	8.10	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2023/08/19
Project File ID #:	7655	**Br.**	18	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,500		**Outlet Cover (mm):**	1,500	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	18.0	**Opening Height (mm):**	2,200	**Opening Width (mm):**	2,200
UTM Zone:	10	**UTM Easting:**	369047	**UTM Northing:**	5909925
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1991		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Fair	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	Rust on floor
Embedment Materials	Not Applicable	
Fill	Good	1m
Floor	Fair	Rust
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	rip rap has rolled in to inlet
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-060	Structure Name:	G4-060	Road Name:	CHEDAKUZ	Inspection Date:	2020/08/19

Overall	Excellent	
Riprap	Fair	rip rap has rolled in to inlet
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	Yes	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:	Scour at inlet								

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
2	Scour at inlet

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	looks good

GENERAL

Estimated Load Restriction (year):	2031	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/09 15:37:01		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-095	**Structure Name:**	G4-915	**Road Name:**	NARCOSLI	**Inspection Date:**	2020/07/15
KM:	3.80	**User km:**	5.00	**Crossing Name:**	Beamis Creek	**Next Inspection Date:**	2023/07/15
Project File ID #:	7655	**Br.**	20	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Concrete Lock Blocks
Superstructure:	Steel I-beam	Right	Concrete Lock Blocks

Total Length (metres):	15.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.3
UTM Zone:	10			**UTM Easting:**	417615	**UTM Northing:**	5898444
Inspector Name:	Gary Zsombor			**Year Superstructure Installed:**		1998	

Access: Turn left at about km 10 on the Kluskus-Blackwater FSR (4000 road)

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Fair	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Fair	Graded. all small boulders
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Fair	
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-095	Structure Name:	G4-915	Road Name:	NARCOSLI	Inspection Date:	2020/07/15

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Fair	
Running Planks	Fair	
Sub Deck	Fair	Showing signs of decay on underside
Ties	Fair	Showing signs of decay on underside

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.4	**Estimated Present Water Level Width:**	6.0
Estimated High Water Level Clearance:	1.9		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	Yes	**Aggradation:**	No
Comment:	Lots of blow down in stream								

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Monitor deck components for decay

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-095	Structure Name:	G4-915	Road Name:	NARCOSLI	Inspection Date:	2020/07/15

GENERAL	**Inspector's Comment:**	
GENERAL	**PEng's Comment:**	looks ok

GENERAL						
Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**		2030		
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/17 14:28:08			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-094	**Structure Name:**	G4-911	**Road Name:**	MOOSE LAKE	**Inspection Date:**	2020/08/19
KM:	12.80	**User km:**	12.80	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2023/08/19
Project File ID #:	7655	**Br.**	28	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	10.4	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	10.4
UTM Zone:	10	**UTM Easting:**	348085	**UTM Northing:**	5886716		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1999				
Access:	Gated at the start of the road - get key from District or Helicopter access						

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Poor	Right upstream side broken, letting fill fall through
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Poor	does not go to bank edge, some has fallen into stream
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Poor	post good, rot in treated logs
Posted Load Rating (Enter 0 if sign missing)	5	
Road Surface	Poor	Wilderness

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-094	Structure Name:	G4-911	Road Name:	MOOSE LAKE	Inspection Date:	2020/08/19

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	curbs soft and missing posts
Deck to Girder Bolts	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Poor	rotting deck
Overall Deck Condition	Poor	rot
Running Planks	Not Applicable	
Sub Deck	Poor	Rotting with holes
Ties	Poor	good under deck but rotting where exposed

SUPERSTRUCTURE

Span 1

Bracing	Fair	one badly bent
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Fair	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	Yes	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:	scour under bridge not protected by riprap								

REPAIRS

#	Status	Priority	Estimate	Description
9	Required	High	$	replace all wood componence

MONITORS

#	Description
2	broken boards in ballast wall

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-094	Structure Name:	G4-911	Road Name:	MOOSE LAKE	Inspection Date:	2020/08/19

GENERAL	**Inspector's Comment:**	
GENERAL	**PEng's Comment:**	Bridge deck needs replacing ASAP or else it might be closed to all traffic.

GENERAL						
Estimated Load Restriction (year):	2010	**Estimated Replacement (year):**				
Current Inspection Load Rating:	5	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/17 14:10:28			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-127	**Structure Name:**	G4-127	**Road Name:**	BLACKFLY	**Inspection Date:**	2011/09/21

KM:	4.80	**User km:**	4.80	**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2013/09/21
Project File ID #:	7655	**Br.**	38	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Log or Untreated Timber
Superstructure:	Log Stringers	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	6.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	6
UTM Zone:	10			**UTM Easting:**	387129	**UTM Northing:**	5902659
Inspector Name:	Shane Goretzky			**Year Superstructure Installed:**			

Access: Bridge was removed by BCTS in 2013.
Travel south on the Kluskus to 124.5 km. Turn onto the Davidson Road and travel to 6 km. Turn left onto the Blackfly and travel to

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	Signs of rot on downchain side
Fill	Fair	
Hardware	Not Applicable	
Log/Timber Cribs	Fair	
Piles or Posts	Not Applicable	
Riprap	Good	
Tie-backs	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-127	Structure Name:	G4-127	Road Name:	BLACKFLY	Inspection Date:	2011/09/21

Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Fair	fair to poor condition
Running Planks	Not Applicable	
Sub Deck	Fair	Some planks showing rot and hole in deck
Ties	Fair	

STRINGERS

Span 1

Log Curbs	Fair	
Needle Beam(s) and Shims	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	Deck requires replacement prior to any industrial use

MONITORS

#	Description
1	monitor rot in stringer, sill and ties

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-127	Structure Name:	G4-127	Road Name:	BLACKFLY	Inspection Date:	2011/09/21

GENERAL	**Inspector's Comment:**	Low to zero traffic, behind access management point Need Log stringer measurements. Bridge rated at 5 tonnes until structure data is completed and checked.
GENERAL	**PEng's Comment:**	Refer to Inspection Comments for historical PEng Comments

GENERAL							
Estimated Load Restriction (year):		2015	**Estimated Replacement (year):**				
Current Inspection Load Rating:	5	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**			
Professional Inspection Required?	No	**Report Status:**	Accepted By Jason Olmsted on 2013/05/24 00:00:00				

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-115	**Structure Name:**	G4-115A	**Road Name:**	SALAMANDER/BL	**Inspection Date:**	2021/09/09

KM:	6.40	**User km:**	1.50	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/09/09
Project File ID #:	7655	**Br.**	49	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** Left	Concrete Lock Blocks
Superstructure:	Steel I-beam	Right	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10			**UTM Easting:**	408907	**UTM Northing:**	5908883
Inspector Name:	Gary Zsombor			**Year Superstructure Installed:**		2019	

Access: Turn left off Kluskus FSR at 99.5 km (Blue Road) then turn left off Blue road at 8.8 km onto 2500 road then turn right at 2503 km.

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Fair	small dead timber logs
Concrete Lock Blocks	Fair	Corner block spalling from fire damage, gap under the front of the timber sill on left abutment
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	1	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Good	

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-115	Structure Name:	G4-115A	Road Name:	SALAMANDER/BL	Inspection Date:	2021/09/09

Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	Low on eaach side

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Unrated	none
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	1.6		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-115	Structure Name:	G4-115A	Road Name:	SALAMANDER/BL	Inspection Date:	2021/09/09

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium		Bush side missing
2	Required	Low		
3	Required	Low		add fill to both approaches

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Bridge is to be removed in 2022. BH

GENERAL

Estimated Load Restriction (year):	2060	Estimated Replacement (year):	
Current Inspection Load Rating:	68	Design Load GVW (tonnes):	
Design Vehicle Config.:	L75		
Professional Inspection Required?	No	Report Status:	Reviewed By Bruce Henderson on 2022/02/04 11:22:44

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-122	**Structure Name:**	G1-927	**Road Name:**	VIGANO	**Inspection Date:**	2020/08/19

KM:	3.20	**User km:**	1.90	**Crossing Name:**	Matthews Creek	**Next Inspection Date:**	2023/08/19
Project File ID #:	7655	**Br.**	60	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Precast
Superstructure:	Steel I-beam	**Right**	Concrete Precast

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18.3
UTM Zone:	10	**UTM Easting:**	355058	**UTM Northing:**	5886964		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2016				

Access: Turn right at km 156 on the Kluskus-Ootsa then turn left at km 1.0

ABUTMENTS

Bearings	Good	skewed on Right upstream, sitting on sill
Bracing	Not Applicable	
Ballast Wall	Good	right side top timber not sitting square
Concrete Precast	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Fair	
Wing Wall	Good	some lock blocks skewed

APPROACHES

Alignment	Poor	hill and corners
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	30	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G4-122	Structure Name:	G1-927	Road Name:	VIGANO	Inspection Date:	2020/08/19

Road Surface	Poor	wilderness

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	rot in a couple of curbs
Deck to Girder Bolts	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Fair	ro tin some boards first pannel
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:			

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-122	Structure Name:	G1-927	Road Name:	VIGANO	Inspection Date:	2020/08/19

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	According to previous bridge inspection bridge deck needs to be replaced and it does not appeared to have happen. Keep bridge at 30 tonnes.

GENERAL

Estimated Load Restriction (year):	2050	**Estimated Replacement (year):**			
Current Inspection Load Rating:	30	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/01/22 13:56:51		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-075	**Structure Name:**	G4-919	**Road Name:**	GOLD 5000	**Inspection Date:**	2021/10/06
KM:	1.70	**User km:**	1.70	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/10/06
Project File ID #:	7655	**Br.**	77	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Concrete Precast
Superstructure:	Steel I-beam	Right	Concrete Precast

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	409777	**UTM Northing:**	5928545		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1999				

Access: Turn left off Kluskus FSR at 59 km (Gold Road) then turn right of Gold Road at 13.8 km.
Note: Coloured named roads have changed (RJ06)

ABUTMENTS

Bearings	Poor	collapsing/rotting sills
Bracing	Not Applicable	
Ballast Wall	Fair	Starting to rot, unpeeled logs
Concrete Precast	Poor	Blocks, shifting
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	Rotting and collapsing/compressing
Fill	Good	
Hardware	Poor	Missing nuts washers, some bent bolts
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	1	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	5	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G4-075	Structure Name:	G4-919	Road Name:	GOLD 5000	Inspection Date:	2021/10/06

Road Surface	Poor	Wilderness level

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	Rot
Deck to Girder Bolts	Not Applicable	None seen
Hardware	Poor	Missing fastenings
Hand Rails/Walkouts	Not Applicable	
Nails	Poor	Coming out
Overall Deck Condition	Poor	See all above
Running Planks	Poor	Rotting rails coming off
Sub Deck	Poor	Rotting
Ties	Poor	Tops and ends rotting

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	"
Diaphrams	Good	Could not observe
Girders	Good	
Hardware	Not Applicable	"
Under Trussing	Not Applicable	"

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	Yes	**Scour:**	No	**Ice:**	No	**Debris:**	Yes	**Aggradation:**	No
Comment:	Beaver dams above and below water backed up under bridge								

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-075	Structure Name:	G4-919	Road Name:	GOLD 5000	Inspection Date:	2021/10/06

MONITORS

#	Description
3	Monitor sills and lock blocks
4	Monitor deck
5	Monitor beaver dams

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2025	Estimated Replacement (year):	
Current Inspection Load Rating:	5	Design Load GVW (tonnes):	91
Design Vehicle Config.:	L100		
Professional Inspection Required?	No	Report Status:	Rejected By IDIR\BHENDERS on 2022/02/28 09:27:05

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-085	**Structure Name:**	G4-085	**Road Name:**	88 ROAD	**Inspection Date:**	2021/10/06

KM:	3.20	**User km:**	3.20	**Crossing Name:**	Unnamed	**Next Inspection Date:**	2024/10/06
Project File ID #:	7655	**Br.**	91	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	700		**Outlet Cover (mm):**	700	
Footing Type:	Steel Footing		**Gradient (%):**		
Culvert Length (metres):	12.3	**Opening Height (mm):**	1,524	**Opening Width (mm):**	3,048
UTM Zone:	10	**UTM Easting:**	401077	**UTM Northing:**	5922860
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**		2009	
Access:					

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Poor	Wilderness level

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Fair	Some rust
Embedment Materials	Not Applicable	
Fill	Fair	One third down stream side not covered by dirt
Floor	Not Applicable	
Footing	Fair	Scoured at inlet water running along and under left footing
Head Wall	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-085	Structure Name:	G4-085	Road Name:	88 ROAD	Inspection Date:	2021/10/06

Inlet	Good	scour on left bank and under footing
Outlet	Good	Water running under left footing
Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Fair	Rusting from bottom up
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	0.2		

HAZARDS

High Water:	No	Scour:	Yes	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
2	Inlet left footing scour

GENERAL

Inspector's Comment: Look to remove culvert. About 4 cross drains and the culvert.

GENERAL

PEng's Comment:

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-085	Structure Name:	G4-085	Road Name:	88 ROAD	Inspection Date:	2021/10/06

GENERAL

Estimated Load Restriction (year):	2050	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/02 12:38:13		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-209	**Structure Name:**	G5-209	**Road Name:**	LEO CREEK	**Inspection Date:**	2020/10/15

KM:	1.00	**User km:**	1.00	**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2023/10/15
Project File ID #:	7671	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	1,000	**Outlet Cover (mm):**	1,000
Footing Type:		**Gradient (%):**	

Culvert Length (metres):	28.0	**Opening Height (mm):**	3,600	**Opening Width (mm):**	3,600
UTM Zone:	10	**UTM Easting:**	392440	**UTM Northing:**	6056394

Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2019
Access:			

APPROACHES

Alignment	Fair	middle of curve
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Good	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-209	Structure Name:	G5-209	Road Name:	LEO CREEK	Inspection Date:	2020/10/15

Overall	Good	
Riprap	Excellent	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment: beaver dams down stream backing water up past inlet of stream

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Beaver dam activity

GENERAL

Inspector's Comment:	2019 install

GENERAL

PEng's Comment:	looks good

GENERAL

Estimated Load Restriction (year):	2064	**Estimated Replacement (year):**	2075		
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/01 11:07:52		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-210	**Structure Name:**	G5-210A	**Road Name:**	LEO CREEK	**Inspection Date:**	2019/10/03
KM:	20.80	**User km:**	20.80	**Crossing Name:**	Kuzkwa River	**Next Inspection Date:**	2022/10/03
Project File ID #:	7671	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Pile -Permanent Materials
Superstructure:	Steel I-beam	Right	Pile -Permanent Materials

Total Length (metres):	73.3	**# Spans:**	3	**Span Width:**		**Span Length(s) (metres):**	12.2, 42.7, 18.3
UTM Zone:	10	**UTM Easting:**	391315	**UTM Northing:**	6073543		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	2011				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Poor	FENDERS OUT OF PLACE
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-210	Structure Name:	G5-210A	Road Name:	LEO CREEK	Inspection Date:	2019/10/03

Span 1		
Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1		
Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	
Span 2		
Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	
Span 3		
Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-210	Structure Name:	G5-210A	Road Name:	LEO CREEK	Inspection Date:	2019/10/03

CHANNEL

Estimated Present Water Level Depth:	1.5	**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	OVERALL GOOD

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2060	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/10 12:33:46		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-265	**Structure Name:**	G5-211	**Road Name:**	LEO CREEK	**Inspection Date:**	2020/08/05

KM:	27.00	**User km:**	27.00	**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2023/08/05
Project File ID #:	7671	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	21.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	21.3
UTM Zone:	10	**UTM Easting:**	357242	**UTM Northing:**	6091496		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2019				

Access: Road is actually br 08, but no responsibility entered yet so road section gives error. Bridge is on Kazchek
Cannot update GZ Jan 31/22

ABUTMENTS

Bearings	Good	Right upstream 28mm gap at front 24mm gap at back
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	right side may have some twist, see photos
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Fair	right downstream nose missing
Posted Load Rating (Enter 0 if sign missing)	200	
Road Surface	Fair	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-265	Structure Name:	G5-211	Road Name:	LEO CREEK	Inspection Date:	2020/08/05

DECK

Span 1

Concrete Deck	Good	chipping at leading edges of deck and road
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Fair	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:	scour of stream downstream from bridge, cause from blowout of old culvert								

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-265	Structure Name:	G5-211	Road Name:	LEO CREEK	Inspection Date:	2020/08/05

GENERAL	**Inspector's Comment:**	PEng to look at right upstream bearing
GENERAL	**PEng's Comment:**	looks good

GENERAL						
Estimated Load Restriction (year):	2047	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/01 13:06:24			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-212	**Structure Name:**	G5-212	**Road Name:**	LEO CREEK	**Inspection Date:**	2019/10/03
KM:	43.10	**User km:**	43.10	**Crossing Name:**	Inzana Creek	**Next Inspection Date:**	2022/10/03
Project File ID #:	7671	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	Right	Steel Pipe and Precast Pad

Total Length (metres):	27.4	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	27.4
UTM Zone:	10	**UTM Easting:**	378608	**UTM Northing:**	6092810		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	2002				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Fill	Good	
Hardware	Not Applicable	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Poor	OUT OF POSITION
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

DECK

Span 1

Corporate Bridge Register (CBR)

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-212	Structure Name:	G5-212	Road Name:	LEO CREEK	Inspection Date:	2019/10/03

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.5	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	5.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 250.00	INSTALL 2 DELINEATERS

MONITORS

#	Description

GENERAL

Inspector's Comment: NEEDS 2 DELINEATORS.

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-212	Structure Name:	G5-212	Road Name:	LEO CREEK	Inspection Date:	2019/10/03

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2052	Estimated Replacement (year):	
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91
Design Vehicle Config.:			
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/02/10 12:28:45

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-211	**Structure Name:**	G5-211A	**Road Name:**	LEO CREEK	**Inspection Date:**	2019/11/03
KM:	46.10	**User km:**	46.10	**Crossing Name:**	Barbara-Anne Creek	**Next Inspection Date:**	2022/11/03
Project File ID #:	7671	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Pile -Permanent Materials
Superstructure:	Steel I-beam	Right	Pile -Permanent Materials

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15
UTM Zone:	10	**UTM Easting:**	376693	**UTM Northing:**	6095284		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	2018				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Excellent	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-211	Structure Name:	G5-211A	Road Name:	LEO CREEK	Inspection Date:	2019/11/03

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Fair	town side foam pealing
Grout Pockets	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	because of foam strip otherwise good
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 250.00	redo foam fill on town end deck gap

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-211	Structure Name:	G5-211A	Road Name:	LEO CREEK	Inspection Date:	2019/11/03

GENERAL	**Inspector's Comment:**	all around okay,town side expansion joint foam is pealing
GENERAL	**PEng's Comment:**	

GENERAL						
Estimated Load Restriction (year):	2063	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/07 12:26:12			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-213	**Structure Name:**	G5-213	**Road Name:**	LEO CREEK	**Inspection Date:**	2001/09/25
KM:	46.60	**User km:**	46.60	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2004/09/25
Project File ID #:	7671	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**	1.0	
Culvert Length (metres):	21.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	376730	**UTM Northing:**	6095750
Inspector Name:	Tim Silbernagel	**Year Superstructure Installed:**	1979		
Access:	Minor culvert 1800 New arch design 2017 on file				

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Poor	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Riprap	Fair	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-213	Structure Name:	G5-213	Road Name:	LEO CREEK	Inspection Date:	2001/09/25

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	0.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
2	Suggested	High	$ 0.00	Span: 1.0. Remove Beaver Dam. inlet totally blocked by dams.

MONITORS

#	Description
1	MONITOR - Culvert has constant beaver problems. (totally plugged/submerged TS 2001)

GENERAL

Inspector's Comment: nullCulvert: 1) plugged by beavers, submerged 0.2
4,5,6,7) can't see due to high water, assume solid
12) no scour.

GENERAL

PEng's Comment: Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2029	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By Raymond Getzlaf on 2012/04/10 00:00:00		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-214	**Structure Name:**	G5-214	**Road Name:**	LEO CREEK	**Inspection Date:**	2020/09/22

KM:	74.50	**User km:**	74.50	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2023/09/22
Project File ID #:	7671	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	4,000		**Outlet Cover (mm):**	4,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	31.0	**Opening Height (mm):**	2,000	**Opening Width (mm):**	2,000
UTM Zone:	10	**UTM Easting:**	357223	**UTM Northing:**	6111022
Inspector Name:	Vine Sewell	**Year Superstructure Installed:**	1975		
Access:					

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Fair	Down Stream end damaged at install
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-214	Structure Name:	G5-214	Road Name:	LEO CREEK	Inspection Date:	2020/09/22

Inlet	Good	lots of despri upstream, not in culvert
Outlet	Fair	badly deformed, 60cm drop
Overall	Fair	
Riprap	Fair	
Roof	Fair	
Side Walls	Good	several holes from install some deformation
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	No

Comment: debris at inlet

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Will look at this culvert this summer and determine what the next steps are.

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-214	Structure Name:	G5-214	Road Name:	LEO CREEK	Inspection Date:	2020/09/22

GENERAL

Estimated Load Restriction (year):	2015	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/01 13:24:30		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-215	**Structure Name:**	G5-215	**Road Name:**	LEO CREEK	**Inspection Date:**	2019/10/04
KM:	77.50	**User km:**	77.50	**Crossing Name:**	Takatoot Creek	**Next Inspection Date:**	2022/10/04
Project File ID #:	7671	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Concrete Precast
Superstructure:	Steel I-beam	**Right**	Concrete Precast

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	355999	**UTM Northing:**	6108809		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1988				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Precast	Good	LOCK BLOCKS
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	DAMAGED/MISSING
Posted Load Rating (Enter 0 if sign missing)	91	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-215	Structure Name:	G5-215	Road Name:	LEO CREEK	Inspection Date:	2019/10/04

Road Surface	Fair	

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	DAMAGED
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$	REPAIR DAMAGED FENDERS AND GUARD RAILS
2	Required	Medium	$ 250.00	INSTALL LOAD RATE SIGNS

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-215	Structure Name:	G5-215	Road Name:	LEO CREEK	Inspection Date:	2019/10/04

GENERAL	**Inspector's Comment:**	DAMAGED FENDERS AND GUARD RAILS, NEEDS BRUSHING
GENERAL	**PEng's Comment:**	curb needs to repaired

GENERAL

Estimated Load Restriction (year):	2033	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/06 14:34:49		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-222	**Structure Name:**	G5-222	**Road Name:**	LEO CREEK	**Inspection Date:**	2021/11/04
KM:	98.50	**User km:**	348.40	**Crossing Name:**	UNNAMED	**Next Inspection Date:**	2022/09/01
Project File ID #:	7671	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	20.9	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	20.9
UTM Zone:	10	**UTM Easting:**	340389	**UTM Northing:**	6104412		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2006				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	(Rate as fiar. Note exposed geotextile.GZ)
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	1	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Poor	sone broken and out of place
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	approached need grading

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-222	Structure Name:	G5-222	Road Name:	LEO CREEK	Inspection Date:	2021/11/04

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	guardrails rotten
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Poor	due to guardrails and fenders
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
7	Suggested	High	$	
8	Suggested	High	$	
9	Suggested	High	$	
10	Suggested	Medium	$	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-222	Structure Name:	G5-222	Road Name:	LEO CREEK	Inspection Date:	2021/11/04

MONITORS

#	Description

GENERAL

Inspector's Comment:	fenders need replaced, guardrails rotten Did not note significant scour of right abutment since last inspection. Load restrict to flag riser rail repairs not completed. GZ

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2050	**Estimated Replacement (year):**			
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\GZSOMBOR on 2022/01/04 15:00:37		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-216	**Structure Name:**	G5-216	**Road Name:**	LEO CREEK	**Inspection Date:**	2020/08/05
KM:	101.90	**User km:**	352.00	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2023/08/05
Project File ID #:	7671	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	600		**Outlet Cover (mm):**	750	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	18.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	337468	**UTM Northing:**	6106984
Inspector Name:	Warren wilkinson	**Year Superstructure Installed:**	1975		
Access:	Minor culvert				

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	2m
Floor	Fair	one hole 3/4 from inlet
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-216	Structure Name:	G5-216	Road Name:	LEO CREEK	Inspection Date:	2020/08/05

Inlet	Good	steep drop
Outlet	Fair	perched
Overall	Fair	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	0.3
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
4	monitor hole in floor, 3/4 from inlet

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	This is a minor culvert that will be no longer scheduled for inspection as a major culvert. This will now be inspected by the district during their road inspections.

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-216	Structure Name:	G5-216	Road Name:	LEO CREEK	Inspection Date:	2020/08/05

GENERAL

Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/01 13:17:53		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-217	**Structure Name:**	G5-217	**Road Name:**	LEO CREEK	**Inspection Date:**	2021/07/20
KM:	104.50	**User km:**	354.50	**Crossing Name:**	Leo Creek	**Next Inspection Date:**	2022/09/01
Project File ID #:	7671	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	15.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15
UTM Zone:	10	**UTM Easting:**	335286	**UTM Northing:**	6108035		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1996				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	(N/A. GZ)
Fill	Good	
Hardware	Fair	loose bolts
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	?? Repair item. GZ
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	?? Repair item. GZ
Delineator Missing Right (approaching structure)	0	?? Repair item. GZ
Fender Condition	Poor	log fenders, some missing
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-217	Structure Name:	G5-217	Road Name:	LEO CREEK	Inspection Date:	2021/07/20

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Fair	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
4	Suggested	Medium	$ 500.00	
6	Suggested	Medium		
7	Suggested	Medium	$ 500.00	
8	Suggested	Medium	$	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-217	Structure Name:	G5-217	Road Name:	LEO CREEK	Inspection Date:	2021/07/20

MONITORS

#	Description

GENERAL

Inspector's Comment:	Missing pictures, repair items don't match component ratings. GZ

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):		2036	**Estimated Replacement (year):**		
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\GZSOMBOR on 2022/01/04 13:07:05		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-218	**Structure Name:**	G5-218	**Road Name:**	LEO CREEK	**Inspection Date:**	2001/09/25

KM:	106.40	**User km:**	358.10	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2030/01/01
Project File ID #:	7671	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	6,000		**Outlet Cover (mm):**	6,000	
Footing Type:			**Gradient (%):**	3.0	
Culvert Length (metres):	37.0	**Opening Height (mm):**	1,500	**Opening Width (mm):**	1,500
UTM Zone:	10	**UTM Easting:**	333966	**UTM Northing:**	6109585
Inspector Name:	Tim Silbernagel	**Year Superstructure Installed:**	1974		
Access:	Minor culvert, 1600, Coordinates approximate, based on Km.				

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Poor	No Comment Available -Converter.RNI
Riprap	Fair	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-218	Structure Name:	G5-218	Road Name:	LEO CREEK	Inspection Date:	2001/09/25

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Monitor for scour as no rip rap is on site. Crossing is heavily vegetated.

GENERAL

Inspector's Comment:	nullCulvert: 2) crushing, supports inside only temp fix, major piping at last joint/seperation,piping failure in road fill slope 12) minor scour at inlet 14) hole near outlet end.

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2024	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	Yes	**Report Status:**	Accepted By Raymond Getzlaf on 2012/04/10 00:00:00		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-219	**Structure Name:**	G5-219-2	**Road Name:**	LEO CREEK	**Inspection Date:**	2021/07/07

KM:	109.40	**User km:**	359.40	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/07/07
Project File ID #:	7671	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	9,000		**Outlet Cover (mm):**	9,000	
Footing Type:			**Gradient (%):**	2.0	
Culvert Length (metres):	56.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	332510	**UTM Northing:**	6112563
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1974		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	
Footing	Fair	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-219	Structure Name:	G5-219-2	Road Name:	LEO CREEK	Inspection Date:	2021/07/07

Inlet	Fair	
Outlet	Fair	
Overall	Fair	
Riprap	Not Applicable	
Roof	Fair	
Side Walls	Fair	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
2	Required	Medium	$ 500.00	Clean debris from culvert.

MONITORS

#	Description

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: No concerns. BH

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-219	Structure Name:	G5-219-2	Road Name:	LEO CREEK	Inspection Date:	2021/07/07

GENERAL

Estimated Load Restriction (year):	2024	**Estimated Replacement (year):**		2024	
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/24 15:25:44		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-219	**Structure Name:**	G5-219	**Road Name:**	LEO CREEK	**Inspection Date:**	2021/07/20

KM:	109.40	**User km:**	359.40	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/09/01
Project File ID #:	7671	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	10,000		**Outlet Cover (mm):**	10,000	
Footing Type:			**Gradient (%):**	2.0	
Culvert Length (metres):	56.0	**Opening Height (mm):**	1,500	**Opening Width (mm):**	1,500
UTM Zone:	10	**UTM Easting:**	332510	**UTM Northing:**	6112563
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**		1974	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Poor	culvert has failed, last coupler has come aprt
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Not Applicable	
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-219	Structure Name:	G5-219	Road Name:	LEO CREEK	Inspection Date:	2021/07/20

Inlet	Fair	
Outlet	Poor	culvert has failed, last coupler has come aprt
Overall	Poor	culvert has failed
Riprap	Not Applicable	
Roof	Fair	
Side Walls	Fair	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.1
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
8	monitor separation at outlet end

GENERAL

Inspector's Comment:	Component items listed as poor but no repair items. Pictures are distorted: round pipe looks elliptical. GZ

GENERAL

PEng's Comment:	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-219	Structure Name:	G5-219	Road Name:	LEO CREEK	Inspection Date:	2021/07/20

GENERAL

Estimated Load Restriction (year):	2024	**Estimated Replacement (year):**		2024	
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\GZSOMBOR on 2022/01/04 13:38:51		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-220	**Structure Name:**	G5-220	**Road Name:**	LEO CREEK	**Inspection Date:**	2009/09/30

KM:	110.70	**User km:**	360.70	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2030/01/01
Project File ID #:	7671	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	9,000		**Outlet Cover (mm):**	9,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	56.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	331285	**UTM Northing:**	6112340
Inspector Name:	Sue Forshner		**Year Superstructure Installed:**	1974	
Access:	Minor culvert 1800				

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	None
Road Surface	Good	

CULVERT ELEMENT

Baffles	Fair	
Bolted Connections	Fair	
Coupled Connections	Fair	
Coating	Unrated	Not rated on inspection sheet
Embedment Materials	Not Applicable	
Fill	Unrated	Not rated on inspection sheet
Floor	Fair	Rust
Footing	Unrated	Not rated on inspection sheet
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-220	Structure Name:	G5-220	Road Name:	LEO CREEK	Inspection Date:	2009/09/30

Inlet	Unrated	Plugged minimal drainage - beaver dam
Outlet	Unrated	Perched
Overall	Poor	No comments on inspection sheet
Riprap	Unrated	Not rated on inspection sheet
Roof	Unrated	Not rated on inspection sheet
Side Walls	Unrated	Not rated on inspection sheet
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	20.0	**Estimated Present Water Level Width:**	99.0
Estimated High Water Level Clearance:	99.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Beavers

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-220	Structure Name:	G5-220	Road Name:	LEO CREEK	Inspection Date:	2009/09/30

GENERAL

Estimated Load Restriction (year):	2024	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By Raymond Getzlaf on 2010/03/03 00:00:00		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-221	**Structure Name:**	G5-221	**Road Name:**	LEO CREEK	**Inspection Date:**	2021/07/20

KM:	111.70	**User km:**	361.70	**Crossing Name:**	Sandypoint Creek	**Next Inspection Date:**	2024/07/20
Project File ID #:	7671	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Binwall
Superstructure:	Steel I-beam	**Right**	Binwall

Total Length (metres):	16.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	16

UTM Zone:	10	**UTM Easting:**	330473	**UTM Northing:**	6112727
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1992		
Access:					

ABUTMENTS

Bearings	Fair	
Binwall	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Good	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Poor	log fenders, some missing
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-221	Structure Name:	G5-221	Road Name:	LEO CREEK	Inspection Date:	2021/07/20

Road Surface	Good	

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	Riser blocks show decay
Deck Joints	Good	
Grout Pockets	Good	(Rate as GOOD. GZ)
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
9	Required	Medium	$ 0.00	install bridge ahead signs
11	Required	Medium	$ 500.00	install delineators
12	Required	Medium	$	Replace missing fenders
13	Required	Medium	$	Replace rotten curbs and risers

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-221	Structure Name:	G5-221	Road Name:	LEO CREEK	Inspection Date:	2021/07/20

MONITORS

#	Description

GENERAL

Inspector's Comment:	No significant issues. GZ

GENERAL

PEng's Comment:	No major concerns. BH

GENERAL

Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/01 15:54:57		

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-310	**Structure Name:**	G5-310	**Road Name:**	PURVIS	**Inspection Date:**	2019/10/04
KM:	15.70	**User km:**	415.70	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/10/04
Project File ID #:	7671	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	1,000	**Outlet Cover (mm):**	1,000
Footing Type:		**Gradient (%):**	

Culvert Length (metres):	18.0	**Opening Height (mm):**	2,000	**Opening Width (mm):**	2,000
UTM Zone:	10	**UTM Easting:**	345434	**UTM Northing:**	6117625

Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1985
Access:			

APPROACHES

Alignment	Good	
Road Surface	Good	

CULVERT ELEMENT

Coupled Connections	Good	
Inlet	Fair	MINOR BEND IN OUTER LIP
Outlet	Fair	MINOR BEND IN OUTER LIP
Overall	Good	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.8
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-310	Structure Name:	G5-310	Road Name:	PURVIS	Inspection Date:	2019/10/04

GENERAL	**Inspector's Comment:**	GOOD
GENERAL	**PEng's Comment:**	

GENERAL							
Estimated Load Restriction (year):		2025	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**			
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/07 14:02:33				

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-311	**Structure Name:**	G5-311	**Road Name:**	PURVIS	**Inspection Date:**	2019/10/04
KM:	20.40	**User km:**	419.80	**Crossing Name:**	Purvis Creek	**Next Inspection Date:**	2022/10/04
Project File ID #:	7671	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Treated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Treated Timber

Total Length (metres):	8.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	8
UTM Zone:	10	**UTM Easting:**	347767	**UTM Northing:**	6120836		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1992				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Log/Timber Cribs	Fair	
Piles or Posts	Not Applicable	
Riprap	Good	
Tie-backs	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	LOG FENDERS
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-311	Structure Name:	G5-311	Road Name:	PURVIS	Inspection Date:	2019/10/04

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 250.00	INSTALL LOAD RATING SIGNS

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-311	Structure Name:	G5-311	Road Name:	PURVIS	Inspection Date:	2019/10/04

GENERAL	**Inspector's Comment:**	LOG FENDERS
GENERAL	**PEng's Comment:**	Temporary certification of 91 tonnes expires in September 2020. Need to inspect the bridge to see what the load rating should be after September

GENERAL						
Estimated Load Restriction (year):	2027	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/05 12:09:37			

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-312	**Structure Name:**	G5-312	**Road Name:**	PURVIS	**Inspection Date:**	2020/09/17
KM:	22.40	**User km:**	422.40	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2023/09/17
Project File ID #:	7671	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Crib, Treated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Treated Timber

Total Length (metres):	14.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	14
UTM Zone:	10	**UTM Easting:**	349651	**UTM Northing:**	6122471		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1992				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Fair	
Ballast Wall	Poor	broken boards and rot
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	
Fill	Fair	
Hardware	Fair	
Log/Timber Cribs	Fair	
Piles or Posts	Fair	
Riprap	Fair	
Tie-backs	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	1	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Poor	loggs sitting on ground

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-312	Structure Name:	G5-312	Road Name:	PURVIS	Inspection Date:	2020/09/17

Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	
Deck to Girder Bolts	Good	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
11	Required	High	$	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-312	Structure Name:	G5-312	Road Name:	PURVIS	Inspection Date:	2020/09/17

MONITORS

#	Description
4	Timber Abutments for rot

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	will look at this bridge this summer to determine the condition of the timber abutments.

GENERAL

Estimated Load Restriction (year):	2019	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/02 09:57:18		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-320	**Structure Name:**	G5-320	**Road Name:**	SAKENICHE	**Inspection Date:**	2019/10/03
KM:	0.80	**User km:**	900.80	**Crossing Name:**	Middle River	**Next Inspection Date:**	2022/10/03
Project File ID #:	7671	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	147.	**# Spans:**	7	**Span Width:**		**Span Length(s) (metres):**	21, 21, 21, 21, 21, 21,
UTM Zone:	10	**UTM Easting:**	340262	**UTM Northing:**	6103770		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1988				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	RECENTLY REPLACED
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-320	Structure Name:	G5-320	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

Span 1		
Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	
Span 2		
Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	
Span 3		
Curb Rail/Blocks/Posts	Excellent	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	
Span 4		
Curb Rail/Blocks/Posts	Good	

Corporate Bridge Register (CBR)

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Site #:	G5-320	Structure Name:	G5-320	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	
Span 5		
Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	
Span 6		
Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	
Span 7		
Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	

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Site #:	G5-320	Structure Name:	G5-320	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

PIERS

Pier 1

Bearings	Good	
Bracing or Sheathing	Good	
Caps	Good	
Cribs	Not Applicable	
Dolphins	Not Applicable	
Hardware	Not Applicable	
Overall	Good	
Piles or Posts	Good	
Riprap	Not Applicable	
Wall	Not Applicable	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

Span 2

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	

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Site #:	G5-320	Structure Name:	G5-320	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

Under Trussing	Not Applicable	
Span 3		
Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	
Span 4		
Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	
Span 5		
Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	
Span 6		
Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	
Span 7		
Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-320	Structure Name:	G5-320	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	40.0
Estimated High Water Level Clearance:	10.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 500.00	INSTALL BRIDGE AHEAD AND LOAD RATING SIGNS

MONITORS

#	Description

GENERAL

Inspector's Comment:	RECENT NEW DECK BOARDS AND FENDERS.

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2028	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/28 12:36:54		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-321	**Structure Name:**	G5-321	**Road Name:**	SAKENICHE	**Inspection Date:**	2019/10/03
KM:	2.00	**User km:**	902.00	**Crossing Name:**	Gluskie Creek	**Next Inspection Date:**	2022/10/03
Project File ID #:	7671	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Treated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Treated Timber

Total Length (metres):	15.7	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15
UTM Zone:	10	**UTM Easting:**	339435	**UTM Northing:**	6103608		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1992				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Log/Timber Cribs	Good	
Piles or Posts	Good	
Riprap	Poor	MINIMAL OR NONE
Tie-backs	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-321	Structure Name:	G5-321	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

Posted Load Rating (Enter 0 if sign missing)	63.5	
Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Poor	DECK BOARDS ROTTING AND FALLING APART
Running Planks	Poor	BOARDS ROTTING AND FALLING APART
Sub Deck	Fair	
Ties	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	2.5
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	REPLACE GUARD RAILS

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-321	Structure Name:	G5-321	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

MONITORS

#	Description
1	MONITOR DECK BOARDS

GENERAL

Inspector's Comment:	DECK BOARDS AND GUARD RAILS ROTTEN.

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2021	**Estimated Replacement (year):**			
Current Inspection Load Rating:	64	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/05 12:02:19		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-322	**Structure Name:**	G5-322	**Road Name:**	SAKENICHE	**Inspection Date:**	2019/10/03
KM:	6.50	**User km:**	906.50	**Crossing Name:**	Bivouac Creek	**Next Inspection Date:**	2022/10/03
Project File ID #:	7671	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Treated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Treated Timber

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	335575	**UTM Northing:**	6105574		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1981				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Log/Timber Cribs	Good	
Piles or Posts	Good	
Riprap	Fair	MINIMAL
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Good	
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-322	Structure Name:	G5-322	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

Span 1

Curb Rail/Blocks/Posts	Fair	MINOR DAMAGE
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 0.00	Curbs need replacing
2	Required	Low	$ 200.00	REPLACE MISSING DELINEATOR

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-322	Structure Name:	G5-322	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

GENERAL	**Inspector's Comment:**	MINOR DAMAGE TO GUARDRAIL..
GENERAL	**PEng's Comment:**	Curbs need to be replaced soon.

GENERAL						
Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/28 12:31:40			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-323	**Structure Name:**	G5-323	**Road Name:**	SAKENICHE	**Inspection Date:**	2020/05/12
KM:	16.70	**User km:**	916.70	**Crossing Name:**	Hobo Creek	**Next Inspection Date:**	2022/05/12
Project File ID #:	7671	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Crib, Log or Untreated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	9.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9
UTM Zone:	10	**UTM Easting:**	327325	**UTM Northing:**	6111945		
Inspector Name:	Vince Sewell	**Year Superstructure Installed:**	1979				

Access:

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Good	
Caps or Sills	Good	treated timber
Fill	Good	
Hardware	Good	
Log/Timber Cribs	Fair	old but still solid
Piles or Posts	Not Applicable	
Riprap	Good	Minor scower low chain
Tie-backs	Fair	
Wing Wall	Fair	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	road rrequires brushing
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-323	Structure Name:	G5-323	Road Name:	SAKENICHE	Inspection Date:	2020/05/12

Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	rough

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	curbs and risers very old wit rot
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	deck needs cleaning

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.7	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
14	Required	Medium		Replace Curbs

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-323	Structure Name:	G5-323	Road Name:	SAKENICHE	Inspection Date:	2020/05/12

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Curbs will need replacing soon or else the bridge will be down-rated.

GENERAL

Estimated Load Restriction (year):		2029	**Estimated Replacement (year):**		
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/02 11:53:01		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-324	**Structure Name:**	G5-324	**Road Name:**	SAKENICHE	**Inspection Date:**	2019/10/03
KM:	22.40	**User km:**	922.40	**Crossing Name:**	Sakeniche River	**Next Inspection Date:**	2022/10/03
Project File ID #:	7671	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Treated Timber
Superstructure:	Steel Truss/Bailey/Acrow	**Right**	Binwall

Total Length (metres):	31.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	31
UTM Zone:	10	**UTM Easting:**	322622	**UTM Northing:**	6114064		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1974				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Binwall	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Poor	FAILING ON WOODS SIDE
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-324	Structure Name:	G5-324	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$	INSTALL RIP RAP ON UPSTREAM SIDE

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-324	Structure Name:	G5-324	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

MONITORS

#	Description

GENERAL

Inspector's Comment:	WATER COURSE HAD SHIFTED TO WOODS SIDE (LEFT LOOKING DOWNSTREAM)AND IS UNDERMINING ABUTMENT

GENERAL

PEng's Comment:	Will do an inspection this year to determine the severity of the HC scour.

GENERAL

Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/05 11:55:56		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-325	**Structure Name:**	G5-325	**Road Name:**	SAKENICHE	**Inspection Date:**	2019/10/03
KM:	24.20	**User km:**	924.20	**Crossing Name:**	Mule Chute Creek	**Next Inspection Date:**	2022/10/03
Project File ID #:	7671	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Pile -Permanent Materials
Superstructure:	Steel I-beam	Right	Pile -Permanent Materials

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	321358	**UTM Northing:**	6113156		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1991				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Poor	MINIMAL
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Good	
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-325	Structure Name:	G5-325	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	GUARD RAILS ROTTEN AND FALLING APART
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Poor	DECK GOOD GUARD RAILS NOT

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	3.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 500.00	INSTALL BRIDGE, LOAD RATING SIGNS AND MISSING DELINEATOR
2	Required	High	$	REPLACE GUARD RAILS

MONITORS

#	Description
1	MONITOR BANKS WHERE THERE IS MINIMAL RIP RAP

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-325	Structure Name:	G5-325	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

GENERAL	**Inspector's Comment:**	MINIMAL OR NO RIP RAPP, GUARD RAILS ROTTEN NEED TO BE REPLACED.
GENERAL	**PEng's Comment:**	Curbs need replacing soon or bridge will be down-rated.

GENERAL

Estimated Load Restriction (year):	2031	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/28 08:42:55		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-326	**Structure Name:**	G5-326	**Road Name:**	SAKENICHE	**Inspection Date:**	2019/10/03

KM:	43.60	**User km:**	943.60	**Crossing Name:**	McDougall Creek	**Next Inspection Date:**	2022/10/03
Project File ID #:	7671	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,440		**Outlet Cover (mm):**	1,440	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	23.0	**Opening Height (mm):**	2,400	**Opening Width (mm):**	2,400
UTM Zone:	9	**UTM Easting:**	497285	**UTM Northing:**	6116013
Inspector Name:	Dawson SMITH		**Year Superstructure Installed:**	1992	
Access:					

APPROACHES

Alignment	Good	
Brushing Required	No	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	
Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-326	Structure Name:	G5-326	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	GOOD

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/03 11:59:03		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-327	**Structure Name:**	G5-327	**Road Name:**	SAKENICHE	**Inspection Date:**	2019/10/03
KM:	58.00	**User km:**	957.90	**Crossing Name:**	Rabbits Foot Creek	**Next Inspection Date:**	2022/10/03
Project File ID #:	7671	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	1,050	**Outlet Cover (mm):**	1,050
Footing Type:		**Gradient (%):**	

Culvert Length (metres):	20.0	**Opening Height (mm):**	2,000	**Opening Width (mm):**	2,000
UTM Zone:	9	**UTM Easting:**	494950	**UTM Northing:**	6127820

Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1990
Access:			

APPROACHES

Alignment	Good	
Brushing Required	Yes	
Road Surface	Good	

CULVERT ELEMENT

Coupled Connections	Good	
Coating	Good	
Fill	Good	
Inlet	Good	
Outlet	Good	
Overall	Good	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	0.3
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Not Required	Medium	$ 500.00	BRUSH BOTH SIDES

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-327	Structure Name:	G5-327	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

MONITORS

#	Description

GENERAL

Inspector's Comment:	LOACATION IS ACTUALY 59.2 KM

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):		2030	**Estimated Replacement (year):**		
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/07 13:42:15		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-328	**Structure Name:**	G5-328	**Road Name:**	SAKENICHE	**Inspection Date:**	2019/10/03
KM:	61.80	**User km:**	961.80	**Crossing Name:**	Sinta Creek	**Next Inspection Date:**	2022/10/03
Project File ID #:	7671	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Pile -Permanent Materials
Superstructure:	Steel I-beam	Right	Pile -Permanent Materials

Total Length (metres):	15.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15
UTM Zone:	9	**UTM Easting:**	684393	**UTM Northing:**	6135211		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1991				
Access:							

ABUTMENTS

Bearings	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Piles or Posts	Good	
Riprap	Fair	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	MISSING AND OUT OF PLACE
Road Surface	Good	

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-328	Structure Name:	G5-328	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

Deck Joints	Good	
Grout Pockets	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 500.00	INSTALL MISSING DELINEATOR AND BRIDGE SIGNS
2	Required	Medium	$	REPLACE MISSING AND DAMAGED FENDERS

MONITORS

#	Description

GENERAL

Inspector's Comment: FENDERS OUT OF PLACE, ACTUALLY AT 63.1KM

GENERAL

PEng's Comment:

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-328	Structure Name:	G5-328	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

GENERAL

Estimated Load Restriction (year):	2031	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/05 11:47:03		

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-329	**Structure Name:**	G5-329	**Road Name:**	SAKENICHE	**Inspection Date:**	2019/10/03
KM:	65.30	**User km:**	965.30	**Crossing Name:**	Tim Creek	**Next Inspection Date:**	2022/10/03
Project File ID #:	7671	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** Left	Pile -Permanent Materials
Superstructure:	Steel I-beam	Right	Pile -Permanent Materials

Total Length (metres):	18.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	9	**UTM Easting:**	493989	**UTM Northing:**	6134063		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1992				
Access:							

ABUTMENTS

Bearings	Good	
Ballast Wall	Good	
Caps or Sills	Good	
Fill	Good	
Piles or Posts	Good	
Riprap	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-329	Structure Name:	G5-329	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	INSTALL FENDERS

MONITORS

#	Description

GENERAL

Inspector's Comment: 66.1 KMS, NO FENDERS.

GENERAL

PEng's Comment: Need to inspect the bridge in 2020 to see if the 2016 missing bracing bolts have been repaired.

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-329	Structure Name:	G5-329	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

GENERAL

Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/03 11:57:11		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-330	**Structure Name:**	G5-330	**Road Name:**	SAKENICHE	**Inspection Date:**	2019/10/03
KM:	66.00	**User km:**	966.60	**Crossing Name:**	Dust Creek	**Next Inspection Date:**	2022/10/03
Project File ID #:	7671	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** Left	Pile -Permanent Materials
Superstructure:	Steel I-beam	Right	Pile -Permanent Materials

Total Length (metres):	18.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	9	**UTM Easting:**	494016	**UTM Northing:**	6136057		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1992				
Access:							

ABUTMENTS

Bearings	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Fill	Good	
Piles or Posts	Good	
Riprap	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Poor	NO FENDERS
Road Surface	Good	

DECK

Span 1

Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-330	Structure Name:	G5-330	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 250.00	INSTALL BRIDGE AND LOAD RATING SIGNS
2	Required	Medium	$	INSTALL FENDERS

MONITORS

#	Description

GENERAL

Inspector's Comment: NO FENDERS, SIGNS OR DELINIATORS, 67.3KM

GENERAL

PEng's Comment:

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-330	Structure Name:	G5-330	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

GENERAL

Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/03 11:43:36		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-331	**Structure Name:**	G5-331	**Road Name:**	SAKENICHE	**Inspection Date:**	2019/10/03
KM:	73.00	**User km:**	967.40	**Crossing Name:**	Beaverdale Creek	**Next Inspection Date:**	2022/10/03
Project File ID #:	7671	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel Box Beam	**Right**	Pile -Permanent Materials

Total Length (metres):	9.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9
UTM Zone:	9	**UTM Easting:**	683959	**UTM Northing:**	6139139		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1991				
Access:							

ABUTMENTS

Ballast Wall	Fair	
Caps or Sills	Fair	
Piles or Posts	Poor	WATER POOLING AROUND POSTS, THEY ARE SHOWING ROT
Wing Wall	Fair	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Good	

DECK

Span 1

Nails	Poor	SOME ARE MISSING
Overall Deck Condition	Poor	DECK BOARDS CRACKED, BROKEN AND LOOSE
Running Planks	Poor	SHOWING DAMAGE
Sub Deck	Fair	
Ties	Fair	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-331	Structure Name:	G5-331	Road Name:	SAKENICHE	Inspection Date:	2019/10/03

SUPERSTRUCTURE

Span 1

Girders	Good	

CHANNEL

Estimated Present Water Level Depth:	0.5	Estimated Present Water Level Width:	4.0
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	REPLACE DECK

MONITORS

#	Description
1	MONITOR WOODEN POSTS IN THE WATER

GENERAL

Inspector's Comment:	DECK IS IN POOR CONDITION, WATER POOLING AROUND POSTS, POST SHOWING ROT.

GENERAL

PEng's Comment:	Bridge deck needs replacing ASAP or it will be down-rated

GENERAL

Estimated Load Restriction (year):	2031	Estimated Replacement (year):			
Current Inspection Load Rating:	68	Design Load GVW (tonnes):	68	Design Vehicle Config.:	L75
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/03/05 11:32:02		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-291	**Structure Name:**	G5-291	**Road Name:**	MIDDLE	**Inspection Date:**	2019/10/18
KM:	5.60	**User km:**	5.60	**Crossing Name:**	unnamed	**Next Inspection Date:**	2021/10/18
Project File ID #:	7671	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Sill -Temporary Materials
Superstructure:	Rail Car	**Right**	Sill -Temporary Materials

Total Length (metres):	16.1	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	16.1
UTM Zone:	10	**UTM Easting:**	341650	**UTM Northing:**	6078778		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**					

Access: FORT ST. JAMES FOREST PRODUCTS GENERAL PARTNER LTD. R01565.CG
FSR Retired in 2021

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Excellent	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Poor	MISSING OR ROTTEN
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-291	Structure Name:	G5-291	Road Name:	MIDDLE	Inspection Date:	2019/10/18

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Poor	NOT ATTACHED
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Hardware	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	INSTALL FENDERS
2	Required	Medium	$ 250.00	INSTALL DELINEATORS

MONITORS

#	Description

GENERAL

Inspector's Comment: DOES NOT APPEAR TO BE SITTING CENTERED ON ABUTMENTS OR ATTACHED, NEEDS DELINEATORS, BRIDGE IS AT 25.5 ON THE AUSTIN FSR

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-291	Structure Name:	G5-291	Road Name:	MIDDLE	Inspection Date:	2019/10/18

GENERAL

PEng's Comment:	Will do a field trip this year and determine if bridge should be further down-rated.

GENERAL

Estimated Load Restriction (year):	2020	Estimated Replacement (year):	
Current Inspection Load Rating:	30	Design Load GVW (tonnes):	Design Vehicle Config.:
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/03/06 15:11:34

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-289	**Structure Name:**	G5-289	**Road Name:**	MIDDLE	**Inspection Date:**	2020/09/09

KM:	40.20	**User km:**	31.90	**Crossing Name:**	Sydney Creek #2	**Next Inspection Date:**	2023/09/09
Project File ID #:	7671	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,400		**Outlet Cover (mm):**	1,500	
Footing Type:			**Gradient (%):**	4.0	
Culvert Length (metres):	20.0	**Opening Height (mm):**	2,700	**Opening Width (mm):**	2,700
UTM Zone:	10	**UTM Easting:**	346371	**UTM Northing:**	6081639
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1993		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Poor	Wilderness

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	rust on floor
Embedment Materials	Not Applicable	
Fill	Good	1m
Floor	Fair	Rust on Floor
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-289	Structure Name:	G5-289	Road Name:	MIDDLE	Inspection Date:	2020/09/09

Inlet	Good	
Outlet	Good	some material washed down ro outlet
Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	looks ok

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-289	Structure Name:	G5-289	Road Name:	MIDDLE	Inspection Date:	2020/09/09

GENERAL

Estimated Load Restriction (year):	2033	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/01 12:15:02		

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-289	**Structure Name:**	G5-289-2	**Road Name:**	MIDDLE	**Inspection Date:**	2020/09/09

KM:	40.20	**User km:**	31.90	**Crossing Name:**	Sydney Creek #2	**Next Inspection Date:**	2023/09/09
Project File ID #:	7671	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,400	
Footing Type:			**Gradient (%):**	4.0	
Culvert Length (metres):	20.0	**Opening Height (mm):**	2,700	**Opening Width (mm):**	2,700
UTM Zone:	10	**UTM Easting:**	346371	**UTM Northing:**	6081639
Inspector Name:	Warren wilkinson		**Year Superstructure Installed:**	1993	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Poor	wilderness

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	some rust on floor, culvert does not get large flow of water through it
Embedment Materials	Not Applicable	
Fill	Good	1m
Floor	Fair	some rust
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-289	Structure Name:	G5-289-2	Road Name:	MIDDLE	Inspection Date:	2020/09/09

Inlet	Good	some brush at inlet
Outlet	Good	some brush at ioutlet
Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.4
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	see culvert 1 for inspection photos

GENERAL

PEng's Comment:	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-289	Structure Name:	G5-289-2	Road Name:	MIDDLE	Inspection Date:	2020/09/09

GENERAL

Estimated Load Restriction (year):	2031	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/01 12:17:58		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-287	**Structure Name:**	G5-287	**Road Name:**	MIDDLE	**Inspection Date:**	2020/09/09
KM:	36.70	**User km:**	34.70	**Crossing Name:**	Upper Baptiste Creek	**Next Inspection Date:**	2023/09/09
Project File ID #:	7671	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	3,500	**Outlet Cover (mm):**	3,600
Footing Type:		**Gradient (%):**	

Culvert Length (metres):	35.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	350380	**UTM Northing:**	6082286
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1991		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Poor	Wilderness

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Unrated	cannot get into culvert to examan
Coating	Fair	Rust
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Unrated	cannot get into culvert to examan
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-287	Structure Name:	G5-287	Road Name:	MIDDLE	Inspection Date:	2020/09/09

Inlet	Fair	Beaver dam
Outlet	Poor	lifting
Overall	Fair	
Riprap	Not Applicable	
Roof	Fair	Rust
Side Walls	Unrated	cannot get into culvert to examan
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	2.0	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	Yes	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	No

Comment: Beaver Dam at outlet, this culvert is always 3/4 full

REPAIRS

#	Status	Priority	Estimate	Description
2	Not Required	Medium	$	Replace culvert
3	Complete	High	$ 0.00	Remove beaver dam

MONITORS

#	Description
2	lifting of culvert at outlet

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: Beaver dam needs removing. Will look at this culvert in the summer to determine if it needs replacing and what priority it is for funding.

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-287	Structure Name:	G5-287	Road Name:	MIDDLE	Inspection Date:	2020/09/09

GENERAL

Estimated Load Restriction (year):	2031	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/01 12:26:24		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-280	**Structure Name:**	G5-280	**Road Name:**	MIDDLE	**Inspection Date:**	2020/09/09
KM:	3.50	**User km:**	703.50	**Crossing Name:**	Forfar Creek	**Next Inspection Date:**	2022/09/09
Project File ID #:	7671	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Log or Untreated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	15.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15
UTM Zone:	10	**UTM Easting:**	342035	**UTM Northing:**	6101130		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1980				
Access:							

ABUTMENTS

Bearings	Fair	Rot found under bearings
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	soft spots found
Fill	Good	
Hardware	Fair	
Log/Timber Cribs	Poor	rot found in timber members
Piles or Posts	Not Applicable	
Riprap	Good	
Tie-backs	Poor	rot found in timber members
Wing Wall	Poor	rot found in timber members

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	1	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-280	Structure Name:	G5-280	Road Name:	MIDDLE	Inspection Date:	2020/09/09

Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-280	Structure Name:	G5-280	Road Name:	MIDDLE	Inspection Date:	2020/09/09

MONITORS

#	Description
8	Abutments for rot

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Will look at this bridge during the summer to determine the extent of the rot.

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	90	**Design Load GVW (tonnes):**	90	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/01 12:56:41		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-281	**Structure Name:**	G5-281	**Road Name:**	MIDDLE	**Inspection Date:**	2020/09/09
KM:	10.60	**User km:**	710.60	**Crossing Name:**	O'Ne-ell Creek	**Next Inspection Date:**	2023/09/09
Project File ID #:	7671	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Binwall
Superstructure:	Steel I-beam	Right	Binwall

Total Length (metres):	16.8	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	16.8
UTM Zone:	10	**UTM Easting:**	346426	**UTM Northing:**	6096689		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1981				
Access:							

ABUTMENTS

Bearings	Good	
Binwall	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Unrated	cannot see
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-281	Structure Name:	G5-281	Road Name:	MIDDLE	Inspection Date:	2020/09/09

Road Surface	Poor	pot holes on approach

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Fair	joints between ballast wall broken out
Grout Pockets	Fair	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	5.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
11	Required	Low	$ 0.00	

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-281	Structure Name:	G5-281	Road Name:	MIDDLE	Inspection Date:	2020/09/09

GENERAL	**Inspector's Comment:**	
GENERAL	**PEng's Comment:**	bridge looks ok

GENERAL							
Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**					
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**			
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/01 12:45:47				

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-282	**Structure Name:**	G5-282	**Road Name:**	MIDDLE	**Inspection Date:**	2001/10/15
KM:	11.90	**User km:**	711.90	**Crossing Name:**	6 Creek Tributary	**Next Inspection Date:**	2030/01/01
Project File ID #:	7671	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	3,000		**Outlet Cover (mm):**	3,000	
Footing Type:			**Gradient (%):**	5.0	
Culvert Length (metres):	16.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	347395	**UTM Northing:**	6095347
Inspector Name:	Brent Case	**Year Superstructure Installed:**	1981		
Access:	minor culvert 1800				

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Riprap	Fair	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-282	Structure Name:	G5-282	Road Name:	MIDDLE	Inspection Date:	2001/10/15

CHANNEL

Estimated Present Water Level Depth:		Estimated Present Water Level Width:	
Estimated High Water Level Clearance:	1.3		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	nullCulvert: 11) Minor rust on floor. 12) Little, but little scour..

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2031	Estimated Replacement (year):	
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	
Professional Inspection Required?	No	Report Status:	Accepted By Raymond Getzlaf on 2012/04/10 00:00:00		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-283	**Structure Name:**	G5-283	**Road Name:**	MIDDLE	**Inspection Date:**	2001/10/15
KM:	14.70	**User km:**	714.70	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2030/01/01
Project File ID #:	7671	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1	
Footing Type:			**Gradient (%):**	2.0	
Culvert Length (metres):	18.0	**Opening Height (mm):**	1,600	**Opening Width (mm):**	1,600
UTM Zone:	10	**UTM Easting:**	349472	**UTM Northing:**	6093361
Inspector Name:	Brent Case	**Year Superstructure Installed:**	1981		
Access:	minor culvert 1600				

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Poor	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Riprap	Fair	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-283	Structure Name:	G5-283	Road Name:	MIDDLE	Inspection Date:	2001/10/15

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	0.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
3	Suggested	High	$ 0.00	Span: 1.0. Remove Beaver Dam. Remove beaver dam at inlet.

MONITORS

#	Description
1	Monitor for scour as no rip rap is on site. Monitor for beaver activity, blocked in 2001 by beaver.

GENERAL

Inspector's Comment:	nullCulvert: 1) Blocked by beaver. Remove debris - could top road in spring. 11) Some rust on floor. 12) Little, but no scour..

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2031	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By Raymond Getzlaf on 2012/04/10 00:00:00		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-284	**Structure Name:**	G5-284	**Road Name:**	MIDDLE	**Inspection Date:**	2020/09/09
KM:	15.30	**User km:**	715.30	**Crossing Name:**	vanDecar Creek	**Next Inspection Date:**	2023/09/09
Project File ID #:	7671	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** Left	Binwall
Superstructure:	Steel I-beam	Right	Binwall

Total Length (metres):	19.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	19
UTM Zone:	10	**UTM Easting:**	350027	**UTM Northing:**	6093157		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1989				
Access:							

ABUTMENTS

Bearings	Good	hard to see
Binwall	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	covered in dirt
Fill	Fair	large hole left side, bridge edge
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	75	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-284	Structure Name:	G5-284	Road Name:	MIDDLE	Inspection Date:	2020/09/09

Road Surface	Poor	wilderness

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	Yes	**Aggradation:**	No
Comment:	old decking with spikes								

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-284	Structure Name:	G5-284	Road Name:	MIDDLE	Inspection Date:	2020/09/09

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	looks ok

GENERAL

Estimated Load Restriction (year):	2029	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/04 14:07:43		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-285	**Structure Name:**	G5-285	**Road Name:**	MIDDLE	**Inspection Date:**	2020/09/09

KM:	17.50	**User km:**	717.50	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2023/09/09
Project File ID #:	7671	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,300		**Outlet Cover (mm):**	1,300	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	24.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	351215	**UTM Northing:**	6091295
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1989		
Access:	minor culvert				

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Unrated	wlderness

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Fair	some gaps between culvert segments
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	1m
Floor	Good	
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-285	Structure Name:	G5-285	Road Name:	MIDDLE	Inspection Date:	2020/09/09

Inlet	Good	
Outlet	Good	pool at outlet
Overall	Good	
Riprap	Fair	some has fallen into stream
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	Yes	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment: Pool at outlet

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: looks ok

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-285	Structure Name:	G5-285	Road Name:	MIDDLE	Inspection Date:	2020/09/09

GENERAL

Estimated Load Restriction (year):	2029	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/01 12:32:19		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-290	**Structure Name:**	G5-290	**Road Name:**	MIDDLE	**Inspection Date:**	2001/10/15
KM:	21.00	**User km:**	721.00	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2030/01/01
Project File ID #:	7671	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,500		**Outlet Cover (mm):**	1,500	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	20.0	**Opening Height (mm):**	1,200	**Opening Width (mm):**	1,200
UTM Zone:	10	**UTM Easting:**	352685	**UTM Northing:**	6088722
Inspector Name:	Brent Case	**Year Superstructure Installed:**	1989		
Access:	minor culvert, twin 1200				

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Riprap	Good	No Comment Available -Converter.RNI
Roof	Fair	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-290	Structure Name:	G5-290	Road Name:	MIDDLE	Inspection Date:	2001/10/15

CHANNEL

Estimated Present Water Level Depth:		Estimated Present Water Level Width:	
Estimated High Water Level Clearance:	0.6		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	nullCulvert: 5) Minor deformations. 11) Minor rust on floor..

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2039	Estimated Replacement (year):	
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	
Professional Inspection Required?	No	Report Status:	Accepted By Raymond Getzlaf on 2012/04/12 00:00:00		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-286	**Structure Name:**	G5-286	**Road Name:**	MIDDLE	**Inspection Date:**	2020/09/09
KM:	28.80	**User km:**	728.80	**Crossing Name:**	Baptiste Creek	**Next Inspection Date:**	2023/09/09
Project File ID #:	7671	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Sill - Permanent Materials
Superstructure:	Steel I-beam	**Right**	Sill - Permanent Materials

Total Length (metres):	15.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15
UTM Zone:	10	**UTM Easting:**	357302	**UTM Northing:**	6085235		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1990				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Unrated	can't see elements
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	can't see elements
Riprap	Fair	Steep banks, RipRap not to stream edge
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	1	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Poor	wilderness

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-286	Structure Name:	G5-286	Road Name:	MIDDLE	Inspection Date:	2020/09/09

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	starting to show age, Rot Ants, one bracket broken
Deck Joints	Fair	
Grout Pockets	Fair	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.4	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
6	Required	Medium	$	replace curb and posts

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-286	Structure Name:	G5-286	Road Name:	MIDDLE	Inspection Date:	2020/09/09

GENERAL	**Inspector's Comment:**	
GENERAL	**PEng's Comment:**	Rails should be replaced soon.

GENERAL							
	Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**				
	Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**		
	Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/01 12:29:58			

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-288	**Structure Name:**	G5-288	**Road Name:**	MIDDLE	**Inspection Date:**	2020/09/09
KM:	40.00	**User km:**	740.00	**Crossing Name:**	Sydney Creek #1	**Next Inspection Date:**	2023/09/09
Project File ID #:	7671	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	1,300	**Outlet Cover (mm):**	1,500
Footing Type:		**Gradient (%):**	

Culvert Length (metres):	18.0	**Opening Height (mm):**	2,400	**Opening Width (mm):**	2,400
UTM Zone:	10	**UTM Easting:**	346546	**UTM Northing:**	6081719
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1993		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Unrated	Wilderness

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Fair	Gap in bottom of first connector
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-288	Structure Name:	G5-288	Road Name:	MIDDLE	Inspection Date:	2020/09/09

Inlet	Good	
Outlet	Fair	perched
Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	Yes	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment: Scour at outlet

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: looks good

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-288	Structure Name:	G5-288	Road Name:	MIDDLE	Inspection Date:	2020/09/09

GENERAL

Estimated Load Restriction (year):	2033	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/01 12:20:12		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-365	**Structure Name:**	G5-365	**Road Name:**	TARNEZELL	**Inspection Date:**	2021/07/20
KM:	1.30	**User km:**	1.30	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/07/01
Project File ID #:	7671	**Br.**	06	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	389605	**UTM Northing:**	6073610		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1999				
Access:							

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Fair	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	1 missing. GZ
Delineator Missing Right (approaching structure)	0	1 missing. GZ
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-365	Structure Name:	G5-365	Road Name:	TARNEZELL	Inspection Date:	2021/07/20

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	significant rot
Deck Joints	Good	
Grout Pockets	Not Applicable	Rate as GOOD. GZ
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.1
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
9	Suggested	High	$	
10	Suggested	Medium	$	
11	Suggested	Medium	$ 250.00	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-365	Structure Name:	G5-365	Road Name:	TARNEZELL	Inspection Date:	2021/07/20

MONITORS

#	Description
7	monitor beaver activity

GENERAL

Inspector's Comment:	Repair and monitoring items do not match component conditions. Insufficient pictures. GZ

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):		2040	**Estimated Replacement (year):**		
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\GZSOMBOR on 2022/01/04 15:22:14		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-366	**Structure Name:**	G5-366	**Road Name:**	TARNEZELL	**Inspection Date:**	2021/07/20

KM:	7.10	**User km:**	7.20	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/07/01
Project File ID #:	7671	**Br.**	06	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	2,000		**Outlet Cover (mm):**	2,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	19.0	**Opening Height (mm):**	2,000	**Opening Width (mm):**	2,000
UTM Zone:	10	**UTM Easting:**	384993	**UTM Northing:**	6075070
Inspector Name:	Dawson Smith		**Year Superstructure Installed:**	1981	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Poor	one side has failed

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Unrated	culvert has failed
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Poor	culvert has failed
Floor	Poor	culvert has failed
Footing	Not Applicable	
Head Wall	Poor	culvert has failed

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-366	Structure Name:	G5-366	Road Name:	TARNEZELL	Inspection Date:	2021/07/20

Inlet	Poor	culvert has failed
Outlet	Poor	culvert has failed
Overall	Poor	culvert has failed
Riprap	Not Applicable	
Roof	Poor	culvert has failed
Side Walls	Poor	culvert has failed
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.1
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
4	Suggested	High	$	replace culvert

MONITORS

#	Description

GENERAL

Inspector's Comment:	No detailed pictures or descriptions of what failed. Restrict loading. GZ

GENERAL

PEng's Comment:	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-366	Structure Name:	G5-366	Road Name:	TARNEZELL	Inspection Date:	2021/07/20

GENERAL

Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**			
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\GZSOMBOR on 2022/01/04 15:27:26		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-260	**Structure Name:**	G5-260	**Road Name:**	KAZCHEK	**Inspection Date:**	2019/10/03
KM:	18.00	**User km:**	318.00	**Crossing Name:**	Kazchek Creek	**Next Inspection Date:**	2022/10/03
Project File ID #:	7671	**Br.**	08	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Concrete Precast
Superstructure:	Steel I-beam	Right	Concrete Cast in Place

Total Length (metres):	30.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	30
UTM Zone:	10	**UTM Easting:**	364483	**UTM Northing:**	6092637		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1987				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Cast in Place	Good	
Concrete Precast	Good	
Corrosion Protection	Not Applicable	
Fill	Poor	UNDERMINING ON WOODS SIDE
Hardware	Not Applicable	
Riprap	Poor	MINIMAL
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	ROTTEN
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-260	Structure Name:	G5-260	Road Name:	KAZCHEK	Inspection Date:	2019/10/03

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	5.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$	REPLACE ROTTEN FENDERS

MONITORS

#	Description
1	MONITOR UNDERMINING OF RIGHT SIDE (WOODS) ABUTMENT

GENERAL

Inspector's Comment: RIGHT SIDE(LOOKING DOWNSTREAM) ABUTMENT APPEARS TO BE UNDERMINING.

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-260	Structure Name:	G5-260	Road Name:	KAZCHEK	Inspection Date:	2019/10/03

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2027	Estimated Replacement (year):	
Current Inspection Load Rating:	68	Design Load GVW (tonnes):	68
Design Vehicle Config.:			
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/03/06 15:16:29

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-261	**Structure Name:**	G5-261	**Road Name:**	KAZCHEK	**Inspection Date:**	2020/08/05
KM:	37.40	**User km:**	337.40	**Crossing Name:**	Natazutlo Creek	**Next Inspection Date:**	2023/08/05
Project File ID #:	7671	**Br.**	08	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	4,000	**Outlet Cover (mm):**	4,000
Footing Type:		**Gradient (%):**	1.0

Culvert Length (metres):	28.0	**Opening Height (mm):**	5,230	**Opening Width (mm):**	5,230
UTM Zone:	10	**UTM Easting:**	348379	**UTM Northing:**	6098042

Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1990
Access:			

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	2m
Floor	Fair	some rust
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-261	Structure Name:	G5-261	Road Name:	KAZCHEK	Inspection Date:	2020/08/05

Inlet	Good	
Outlet	Good	
Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	PENG please review why structure is rated at 54,000kg

GENERAL

PEng's Comment:	Culvert was originally defaulted to load rating the road, which was 54 tonnes in the 90s.

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-261	Structure Name:	G5-261	Road Name:	KAZCHEK	Inspection Date:	2020/08/05

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/01 13:11:15		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-262	**Structure Name:**	G5-262	**Road Name:**	KAZCHEK	**Inspection Date:**	2021/07/20

KM:	42.80	**User km:**	342.80	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/07/20
Project File ID #:	7671	**Br.**	08	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	10,200		**Outlet Cover (mm):**	10,200	
Footing Type:			**Gradient (%):**	3.0	
Culvert Length (metres):	60.0	**Opening Height (mm):**	2,000	**Opening Width (mm):**	2,000
UTM Zone:	10	**UTM Easting:**	344500	**UTM Northing:**	6101547
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**		1990	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-262	Structure Name:	G5-262	Road Name:	KAZCHEK	Inspection Date:	2021/07/20

Inlet	Good	
Outlet	Good	
Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	Distorted photos but no issues. GZ

GENERAL

PEng's Comment:	No concerns. BH

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-262	Structure Name:	G5-262	Road Name:	KAZCHEK	Inspection Date:	2021/07/20

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/06 15:41:11		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-263	Structure Name:	G5-263	Road Name:	KAZCHEK	Inspection Date:	2002/07/15
KM:	44.70	User km:	344.70	Crossing Name:	Unnamed creek	Next Inspection Date:	2030/01/01
Project File ID #:	7671	Br.	08	Forest District:	Stuart Nechako Natural Resource District		

Culvert Type:	Round	Culvert Material:	Corrugated Steel
Inlet Cover (mm):	7,000	Outlet Cover (mm):	7,000
Footing Type:		Gradient (%):	6.0

Culvert Length (metres):	37.0	Opening Height (mm):	1,800	Opening Width (mm):	1,800
UTM Zone:	10	UTM Easting:	343346	UTM Northing:	6102578

Inspector Name:	Brent Case	Year Superstructure Installed:	1990
Access:	Minor culvert, 1800		

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Fair	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Riprap	Good	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-263	Structure Name:	G5-263	Road Name:	KAZCHEK	Inspection Date:	2002/07/15

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Monitor road fill erosion on upstream side. Monitor last 2 connections near outlet.

GENERAL

Inspector's Comment:	nullCulvert: 4) Last 2 connections near outlet have some separation. 11) Rusting on floor..

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2040	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By Raymond Getzlaf on 2012/04/10 00:00:00		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-264	**Structure Name:**	G5-264	**Road Name:**	KAZCHEK	**Inspection Date:**	2021/07/20

KM:	45.40	**User km:**	345.40	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/07/20
Project File ID #:	7671	**Br.**	08	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	6,000		**Outlet Cover (mm):**	6,000	
Footing Type:			**Gradient (%):**	2.0	
Culvert Length (metres):	33.0	**Opening Height (mm):**	2,400	**Opening Width (mm):**	2,400
UTM Zone:	10	**UTM Easting:**	342770	**UTM Northing:**	6102877
Inspector Name:	Dawson Smith		**Year Superstructure Installed:**	1990	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-264	Structure Name:	G5-264	Road Name:	KAZCHEK	Inspection Date:	2021/07/20

Inlet	Fair	Beaver has built a dam around inlet
Outlet	Good	
Overall	Fair	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:	Beaver has built a dam around inlet

REPAIRS

#	Status	Priority	Estimate	Description
4	Required	High		Remove beaver dam

MONITORS

#	Description

GENERAL

Inspector's Comment:	Beaver dam above inlet, not blocking pipe. No issues. GZ

GENERAL

PEng's Comment:	No major concerns. BH

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-264	Structure Name:	G5-264	Road Name:	KAZCHEK	Inspection Date:	2021/07/20

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/06 15:50:26		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-240	**Structure Name:**	G5-240	**Road Name:**	AIRLINE	**Inspection Date:**	2019/10/04
KM:	6.50	**User km:**	6.60	**Crossing Name:**	Airline Creek	**Next Inspection Date:**	2022/10/04
Project File ID #:	7671	**Br.**	11	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Binwall
Superstructure:	Steel I-beam	Right	Binwall

Total Length (metres):	18.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	10	**UTM Easting:**	367344	**UTM Northing:**	6115750		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1992				

Access: 68 km on Leo Creek - 3 km on Driftwood - 6.5 km on Leo Airline.
Ladder and two inspectors recommended - bin walls limit access to abutments.

ABUTMENTS

Bearings	Good	
Binwall	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Unrated	COULDNT SEE
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Fair	MINIMAL
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-240	Structure Name:	G5-240	Road Name:	AIRLINE	Inspection Date:	2019/10/04

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	Estimated Present Water Level Width:	3.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-240	Structure Name:	G5-240	Road Name:	AIRLINE	Inspection Date:	2019/10/04

GENERAL	**Inspector's Comment:**	NO BRIDGE SIGNS, ALL GOOD
GENERAL	**PEng's Comment:**	

GENERAL						
Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/03 13:27:50			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-241	**Structure Name:**	G5-966	**Road Name:**	AIRLINE	**Inspection Date:**	2019/10/04
KM:	12.00	**User km:**	12.60	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/10/04
Project File ID #:	7671	**Br.**	11	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** Left	Concrete Lock Blocks
Superstructure:	Steel I-beam	Right	Concrete Lock Blocks

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10			**UTM Easting:**	373159	**UTM Northing:**	6115426
Inspector Name:	Dawson SMITH			**Year Superstructure Installed:**		2009	

Access: 12.7km Leo Airline FSR.

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-241	Structure Name:	G5-966	Road Name:	AIRLINE	Inspection Date:	2019/10/04

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Poor	DECK BOARD LEFT SIDE MISSING
Running Planks	Fair	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 500.00	REPLACE MISSING DECK BOARD

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-241	Structure Name:	G5-966	Road Name:	AIRLINE	Inspection Date:	2019/10/04

GENERAL	Inspector's Comment:	DECK BOARD LEFT SIDE ON UP APPROACH IS DAMAGED/MISSING, SEE PICTURES
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2039	Estimated Replacement (year):				
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100	
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/02/03 13:23:08			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-235	**Structure Name:**	G5-943	**Road Name:**	TAKATOOT 1	**Inspection Date:**	2020/09/22
KM:	0.29	**User km:**	0.30	**Crossing Name:**	Unnamed	**Next Inspection Date:**	2023/09/22
Project File ID #:	7671	**Br.**	23	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** Left	Concrete Lock Blocks
Superstructure:	Steel Truss/Bailey/Acrow	Right	Concrete Lock Blocks

Total Length (metres):	3.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	3
UTM Zone:	10	**UTM Easting:**	356372	**UTM Northing:**	6107782		
Inspector Name:	Vince Sewell	**Year Superstructure Installed:**	1997				

Access: This site was installed with Acrow pannels G5-943 and G5-944.

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Poor	needs repair for industrial use
Concrete Lock Blocks	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	Sill plank needs replacing if industrial use
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	6	5000kg

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-235	Structure Name:	G5-943	Road Name:	TAKATOOT 1	Inspection Date:	2020/09/22

Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	
Deck to Girder Bolts	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Fair	
Running Planks	Not Applicable	
Sub Deck	Fair	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
5	Required	Medium		replace sills prior to industrial use

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-235	Structure Name:	G5-943	Road Name:	TAKATOOT 1	Inspection Date:	2020/09/22

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**			
Current Inspection Load Rating:	5	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/03 10:58:23		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-235	**Structure Name:**	G5-944	**Road Name:**	TAKATOOT 1	**Inspection Date:**	2020/09/22

KM:	0.29	**User km:**	0.30	**Crossing Name:**	Unnamed	**Next Inspection Date:**	2023/09/22
Project File ID #:	7671	**Br.**	23	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** Left	Concrete Lock Blocks
Superstructure:	Steel Truss/Bailey/Acrow	Right	Concrete Lock Blocks

Total Length (metres):	3.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	3
UTM Zone:	10	**UTM Easting:**	356372	**UTM Northing:**	6107782		
Inspector Name:	Vince Sewell	**Year Superstructure Installed:**	1997				
Access:	This site was installed with Acrow pannels G5-943 and G5-944.						

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:			

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	see structure G5-943 for photos

GENERAL

PEng's Comment:	see G5-943

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-235	Structure Name:	G5-944	Road Name:	TAKATOOT 1	Inspection Date:	2020/09/22

GENERAL

Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**			
Current Inspection Load Rating:	5	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/03 10:51:26		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-236	**Structure Name:**	G5-945	**Road Name:**	TAKATOOT 1	**Inspection Date:**	2020/09/22

KM:	3.01	**User km:**	3.00	**Crossing Name:**	Unnamed Creek	**Next Inspection Date:**	2023/09/22
Project File ID #:	7671	**Br.**	23	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** Left	Concrete Lock Blocks
Superstructure:	Steel Truss/Bailey/Acrow	Right	Concrete Lock Blocks

Total Length (metres):	3.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	3

UTM Zone:	10	**UTM Easting:**	357120	**UTM Northing:**	6107981

Inspector Name:	Vince Sewell	**Year Superstructure Installed:**	1997

Access: This site is installed with Acrow pannels G5-945, G5-946 and G5-947.

APPROACHES

Alignment	Fair	ok for rec traffic
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Not Applicable	Fungus found on bottom
Sub Deck	Fair	
Ties	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-236	Structure Name:	G5-945	Road Name:	TAKATOOT 1	Inspection Date:	2020/09/22

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.2		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
7	Required	Medium		
8	Required	Medium		
9	Required	Medium		

MONITORS

#	Description

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: Will look at this bridge this summer to determine the condition it is in and if anything needs to be down-rated.

GENERAL

Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/03 11:30:57		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-236	**Structure Name:**	G5-946	**Road Name:**	TAKATOOT 1	**Inspection Date:**	2020/09/22

KM:	3.01	**User km:**	3.00	**Crossing Name:**	Unnamed Creek	**Next Inspection Date:**	2023/09/22
Project File ID #:	7671	**Br.**	23	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel Truss/Bailey/Acrow	**Right**	Concrete Lock Blocks

Total Length (metres):	3.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	3
UTM Zone:	10	**UTM Easting:**	357120	**UTM Northing:**	6107981		
Inspector Name:	Vince sewell	**Year Superstructure Installed:**	1997				

Access: This site is installed with Acrow pannels G5-945, G5-946 and G5-947.

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Poor	replace
Concrete Lock Blocks	Good	
Corrosion Protection	Good	
Caps or Sills	Poor	replace
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-236	Structure Name:	G5-946	Road Name:	TAKATOOT 1	Inspection Date:	2020/09/22

Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Not Applicable	
Sub Deck	Fair	white fungus starting on bottom
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.2		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
2	Required	Medium		Replace sills
3	Required	Medium		
4	Required	Medium		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-236	Structure Name:	G5-946	Road Name:	TAKATOOT 1	Inspection Date:	2020/09/22

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/22 13:25:32		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-236	**Structure Name:**	G5-947	**Road Name:**	TAKATOOT 1	**Inspection Date:**	2020/09/22

KM:	3.01	**User km:**	3.00	**Crossing Name:**	Unnamed Creek	**Next Inspection Date:**	2023/09/22
Project File ID #:	7671	**Br.**	23	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** Left	Concrete Lock Blocks
Superstructure:	Steel Truss/Bailey/Acrow	Right	Concrete Lock Blocks

Total Length (metres):	3.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	3
UTM Zone:	10	**UTM Easting:**	357120	**UTM Northing:**	6107981		
Inspector Name:	Vince Sewell	**Year Superstructure Installed:**	1997				

Access: This site is installed with Acrow pannels G5-945, G5-946 and G5-947.

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Poor	Shold be replaced
Concrete Lock Blocks	Good	
Corrosion Protection	Good	
Caps or Sills	Poor	should be replaced
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	ok for rec traffic
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-236	Structure Name:	G5-947	Road Name:	TAKATOOT 1	Inspection Date:	2020/09/22

Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Not Applicable	
Sub Deck	Good	white fungus starting on bottom
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.2		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
2	Required	Medium		replace sill timbers
3	Required	Medium		
4	Required	Medium		

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-236	Structure Name:	G5-947	Road Name:	TAKATOOT 1	Inspection Date:	2020/09/22

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	See G5-945 for comments

GENERAL

Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/19 12:10:49		

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-248	**Structure Name:**	G5-931	**Road Name:**	WILLY	**Inspection Date:**	2018/09/20

KM:	1.33	**User km:**	1.33	**Crossing Name:**	Unknown	**Next Inspection Date:**	2022/09/01
Project File ID #:	7671	**Br.**	50	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Concrete Lock Blocks
Superstructure:	Steel I-beam	Right	Concrete Lock Blocks

Total Length (metres):	18.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	10	**UTM Easting:**	358403	**UTM Northing:**	6084173		
Inspector Name:	Adam Mathison, GradTech	**Year Superstructure Installed:**	2007				
Access:							

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Poor	Blocks have settled on each end, more on the downstream side. Bridge is tilted downstream and slightly wracked.
Corrosion Protection	Good	
Caps or Sills	Fair	Treated 6"x12" (x2) Sill has deflected with lock blocks
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Good	
Road Surface	Poor	Rough road, large bumps at each end of bridge due to settlement

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-248	Structure Name:	G5-931	Road Name:	WILLY	Inspection Date:	2018/09/20

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	Showing age, rot starting
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Fair	
Running Planks	Poor	Rotting
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Fair	Uneven settlement has caused a slight wrack in the bridge
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$	Rebuild lock block abutments and replace sills with 8"x16" treated timbers to remove wrack from bridge. Regrade approaches.
2	Required	High	$	Replace wear deck prior to industrial use
3	Required	Medium	$ 750.00	Brush approaches and around bridge
4	Required	High	$ 400.00	Install delineators all four corners

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-248	Structure Name:	G5-931	Road Name:	WILLY	Inspection Date:	2018/09/20

MONITORS

#	Description

GENERAL

Inspector's Comment:	Bridge is in overall fair condition due to uneven settlement in lock blocks causing wrack in the bridge. Repair prior to industrial use.

GENERAL

PEng's Comment:	Bridge down-rated to 30 Tonnes until foundation repaired and re-certified.

GENERAL

Estimated Load Restriction (year):	2057	**Estimated Replacement (year):**			
Current Inspection Load Rating:	30	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Ross Hyam on 2018/11/23 11:40:50		

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-255	**Structure Name:**	G5-255	**Road Name:**	HART	**Inspection Date:**	2019/10/03
KM:	1.10	**User km:**	1.10	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/10/03
Project File ID #:	7671	**Br.**	52	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Concrete Lock Blocks
Superstructure:	Steel Truss/Bailey/Acrow	Right	Concrete Lock Blocks

Total Length (metres):	9.1	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9.1
UTM Zone:	10			**UTM Easting:**	386003	**UTM Northing:**	6063255
Inspector Name:	Dawson SMITH			**Year Superstructure Installed:**		2002	

Access: Road starts at km 6.5 on the Tanizul FSR.

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	68	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-255	Structure Name:	G5-255	Road Name:	HART	Inspection Date:	2019/10/03

Road Surface	Fair	UP SIDE COULD USE CAPPING

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-255	Structure Name:	G5-255	Road Name:	HART	Inspection Date:	2019/10/03

MONITORS

#	Description
1	MONITOR APPROACH FOR CAPPING

GENERAL

Inspector's Comment:	APPROACHES COULD USE CAPPING

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/11 15:51:12		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-256	**Structure Name:**	G5-256	**Road Name:**	HART	**Inspection Date:**	2019/10/03
KM:	3.50	**User km:**	3.50	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/10/03
Project File ID #:	7671	**Br.**	52	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** Left	Concrete Precast
Superstructure:	Steel Truss/Bailey/Acrow	Right	Concrete Precast

Total Length (metres):	9.1	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9.1
UTM Zone:	10	**UTM Easting:**	384950	**UTM Northing:**	6065284		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	2002				

Access: road is at km 6.5 on the Tanizul FSR.

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Precast	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Fair	MINIMAL BUT SEEMS TO BE HIGH ENOUGH
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Good	
Road Surface	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-256	Structure Name:	G5-256	Road Name:	HART	Inspection Date:	2019/10/03

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Poor	SOME NAILS HAVE CAME UP
Overall Deck Condition	Poor	BOARDS ARE COMING UP, NEED TO BE RENAILED
Running Planks	Poor	BOARDS ARE COMING UP, NEED TO BE RENAILED

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 250.00	NAIL DECK BOARDS
2	Required	Low	$ 750.00	INSTALL DELINEATORS AND BRIDGE SINGS

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-256	Structure Name:	G5-256	Road Name:	HART	Inspection Date:	2019/10/03

GENERAL	Inspector's Comment:	DECK BOARDS LOOSE.
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2020	Estimated Replacement (year):				
Current Inspection Load Rating:	68	Design Load GVW (tonnes):	68	Design Vehicle Config.:	L75	
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/03/06 15:19:37			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-231	**Structure Name:**	G5-231	**Road Name:**	CURTIS	**Inspection Date:**	2019/10/04

KM:	0.15	**User km:**	0.15	**Crossing Name:**	Unnamed	**Next Inspection Date:**	2022/10/04
Project File ID #:	7671	**Br.**	64	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):			**Outlet Cover (mm):**		
Footing Type:	Precast Concrete Footing		**Gradient (%):**		
Culvert Length (metres):	23.3	**Opening Height (mm):**	1,840	**Opening Width (mm):**	4,298
UTM Zone:	10	**UTM Easting:**	372822	**UTM Northing:**	6106125
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**		2010	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Good	
Fill	Good	
Floor	Not Applicable	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-231	Structure Name:	G5-231	Road Name:	CURTIS	Inspection Date:	2019/10/04

Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	ALL GOOD

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2050	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/11 16:32:57		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-230	**Structure Name:**	G5-230	**Road Name:**	CURTIS	**Inspection Date:**	2019/10/04
KM:	0.23	**User km:**	0.23	**Crossing Name:**	Unnamed	**Next Inspection Date:**	2022/10/04
Project File ID #:	7671	**Br.**	64	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	372877	**UTM Northing:**	6106186		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1998				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Poor	OUT OF POSITION
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-230	Structure Name:	G5-230	Road Name:	CURTIS	Inspection Date:	2019/10/04

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	DAMAGED AND ROTTEN
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Poor	WORN
Running Planks	Poor	WORN
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	5.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:	BEAVERS BUILDING A DAM APPROX 50M UPSTREAM								

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 250.00	PUT FENDERS BACK IN PLACE

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-230	Structure Name:	G5-230	Road Name:	CURTIS	Inspection Date:	2019/10/04

MONITORS

#	Description
1	MONITOR BEAVER ACTIVITY UPSTREAM
2	MONITOR RUNNING SURFACE OF DECK
3	MONITOR GUARD RAILS

GENERAL

Inspector's Comment:	DECK AND GUARD RAIL DAMAGE, BEAVERS BUILDING A DAM APPROX. 50M UPSTREAM.

GENERAL

PEng's Comment:	Need to replace curbs and running deck soon or the bridge will be down-rated

GENERAL

Estimated Load Restriction (year):	2043	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/05 11:19:28		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-840	**Structure Name:**	G5-952	**Road Name:**	ALEXANDER	**Inspection Date:**	2019/10/04
KM:	0.20	**User km:**	0.20	**Crossing Name:**	Unknown	**Next Inspection Date:**	2022/10/04
Project File ID #:	7671	**Br.**	65	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15
UTM Zone:	10	**UTM Easting:**	373028	**UTM Northing:**	6107728		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	2015				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	WATER SITTING AGAINST
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	OUT OF PLACE
Posted Load Rating (Enter 0 if sign missing)	63	ACTUALLY 63,500

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-840	Structure Name:	G5-952	Road Name:	ALEXANDER	Inspection Date:	2019/10/04

Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	6.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Not Required	Medium	$ 250.00	PUT FENDERS INTO POSITION

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-840	Structure Name:	G5-952	Road Name:	ALEXANDER	Inspection Date:	2019/10/04

MONITORS

#	Description

GENERAL

Inspector's Comment:	FENDERS OUT OF PLACE, WATER SITTING AGAINST LOCK BLOCKS..

GENERAL

PEng's Comment:	Will look at bridge in 2020 to ensure no issues with bearing pressures at abutments.

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	64	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/03 13:17:52		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-841	**Structure Name:**	P025	**Road Name:**	ALEXANDER	**Inspection Date:**	2021/07/21
KM:	1.50	**User km:**	1.50	**Crossing Name:**	Unknown	**Next Inspection Date:**	2022/09/01
Project File ID #:	7671	**Br.**	65	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Log or Untreated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	10.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	10
UTM Zone:	10	**UTM Easting:**	374051	**UTM Northing:**	6108302		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2015				
Access:							

ABUTMENTS

Bearings	Not Applicable	(Rate as FAIR. GZ)
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Log/Timber Cribs	Good	N/A. GZ
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Tie-backs	Good	N/A. GZ
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	log fenders, some missing

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-841	Structure Name:	P025	Road Name:	ALEXANDER	Inspection Date:	2021/07/21

Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Fair	showing rot
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-841	Structure Name:	P025	Road Name:	ALEXANDER	Inspection Date:	2021/07/21

REPAIRS

#	Status	Priority	Estimate	Description
5	Suggested	Medium	$	
7	Suggested	Medium	$ 500.00	
8	Suggested	Medium	$	
9	Suggested	Medium	$	

MONITORS

#	Description
2	guardrails and riser blocks

GENERAL

Inspector's Comment:	Poor pics, repairs do not match ratings, rated componets that do not exist, suspect rot in in all wood components. GZ

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\GZSOMBOR on 2022/01/06 10:59:43		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-570	**Structure Name:**	G5-570	**Road Name:**	JEAN MARIE	**Inspection Date:**	2021/09/22
KM:	1.70	**User km:**	1.70	**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2024/09/22
Project File ID #:	7671	**Br.**	68	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Steel	**Running Surface:**	Anti-skid
Curb Type:		**Abutments (looking downstream)** Left	Concrete Lock Blocks
Superstructure:	Steel Box Beam	Right	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	391982	**UTM Northing:**	6109102		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2016				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	some out of place
Posted Load Rating (Enter 0 if sign missing)	91	

Corporate Bridge Register (CBR)

Disclaimer:
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Site #:	G5-570	Structure Name:	G5-570	Road Name:	JEAN MARIE	Inspection Date:	2021/09/22

Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	
Steel Deck Plate	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 0.00	Reposition approach fenders

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-570	Structure Name:	G5-570	Road Name:	JEAN MARIE	Inspection Date:	2021/09/22

GENERAL	**Inspector's Comment:**	water is against lock blocks No issues. GZ
GENERAL	**PEng's Comment:**	No concerns. BH

GENERAL						
Estimated Load Restriction (year):	2041	**Estimated Replacement (year):**		2041		
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 17:18:49			

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-571	**Structure Name:**	G5-571	**Road Name:**	JEAN MARIE	**Inspection Date:**	2019/10/30
KM:	2.10	**User km:**	2.10	**Crossing Name:**	Jean Marie Creek	**Next Inspection Date:**	2022/10/30
Project File ID #:	7671	**Br.**	68	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	10	**UTM Easting:**	392146	**UTM Northing:**	6109290		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	2016				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	NO LOAD RATING
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Good	
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-571	Structure Name:	G5-571	Road Name:	JEAN MARIE	Inspection Date:	2019/10/30

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	WAS FROZEN BUT APPEARED TO BE IN GOOD SHAPE
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	5.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 500.00	INSTALL 2 DELINEATORS AND LOAD RATING SIGNS

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-571	Structure Name:	G5-571	Road Name:	JEAN MARIE	Inspection Date:	2019/10/30

GENERAL	**Inspector's Comment:**	GOOD
GENERAL	**PEng's Comment:**	

GENERAL							
Estimated Load Restriction (year):	2061	**Estimated Replacement (year):**				2061	
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**		L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/09 08:20:24				

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-572	**Structure Name:**	G5-572	**Road Name:**	JEAN MARIE	**Inspection Date:**	2021/09/22
KM:	3.20	**User km:**	3.20	**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2024/09/22
Project File ID #:	7671	**Br.**	68	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	391950	**UTM Northing:**	6110334		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2016				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	some out of place and damaged
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-572	Structure Name:	G5-572	Road Name:	JEAN MARIE	Inspection Date:	2021/09/22

Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
3	Required	High	$	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-572	Structure Name:	G5-572	Road Name:	JEAN MARIE	Inspection Date:	2021/09/22

MONITORS

#	Description

GENERAL

Inspector's Comment:	No issues. GZ

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2041	**Estimated Replacement (year):**	2041		
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 17:23:31		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-573	**Structure Name:**	G5-573	**Road Name:**	JEAN MARIE	**Inspection Date:**	2021/09/22

KM:	3.80	**User km:**	3.80	**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2024/09/22
Project File ID #:	7671	**Br.**	68	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Steel	**Running Surface:**	Anti-skid
Curb Type:		**Abutments (looking downstream)** Left	Concrete Lock Blocks
Superstructure:	Steel Box Beam	Right	Concrete Lock Blocks

Total Length (metres):	9.1	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9
UTM Zone:	10	**UTM Easting:**	392270	**UTM Northing:**	6110749		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2016				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	some out of place and damaged
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

Disclaimer:
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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-573	Structure Name:	G5-573	Road Name:	JEAN MARIE	Inspection Date:	2021/09/22

Road Surface	Fair	needs grading

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	
Steel Deck Plate	Good	

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
3	Required	Medium		Reposition and repair approach fenders.

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-573	Structure Name:	G5-573	Road Name:	JEAN MARIE	Inspection Date:	2021/09/22

GENERAL	**Inspector's Comment:**	No issues. GZ
GENERAL	**PEng's Comment:**	

GENERAL							
Estimated Load Restriction (year):	2041	**Estimated Replacement (year):**	2041				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 17:38:38				

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-574	**Structure Name:**	P048	**Road Name:**	JEAN MARIE	**Inspection Date:**	2021/09/22

KM:	7.70	**User km:**	7.70	**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2024/09/22
Project File ID #:	7671	**Br.**	68	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	391068	**UTM Northing:**	6113775		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2017				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	up side sign is damaged
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	some out of place and damaged
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-574	Structure Name:	P048	Road Name:	JEAN MARIE	Inspection Date:	2021/09/22

Road Surface	Fair	needs grading

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
2	Required	Medium		Realign approach fenders
3	Required	Medium		Grade bridge approaches.

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-574	Structure Name:	P048	Road Name:	JEAN MARIE	Inspection Date:	2021/09/22

MONITORS

#	Description

GENERAL

Inspector's Comment:	No issues. GZ

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2041	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 17:43:42		

Corporate Bridge Register (CBR)

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-576	**Structure Name:**	G4-928	**Road Name:**	JEAN MARIE	**Inspection Date:**	2020/09/26

KM:	13.90	**User km:**	13.90	**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2023/09/26
Project File ID #:	7671	**Br.**	68	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10	**UTM Easting:**	386625	**UTM Northing:**	6117228		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2018				
Access:	Check road						

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Fair	limited
Wing Wall	Good	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	100	

Corporate Bridge Register (CBR)

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-576	Structure Name:	G4-928	Road Name:	JEAN MARIE	Inspection Date:	2020/09/26

Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-576	Structure Name:	G4-928	Road Name:	JEAN MARIE	Inspection Date:	2020/09/26

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	looks good

GENERAL

Estimated Load Restriction (year):	2068	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/25 15:21:34		

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-575	**Structure Name:**	P049	**Road Name:**	TAMASGALE	**Inspection Date:**	2020/09/23
KM:	4.20	**User km:**	4.20	**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2022/09/23
Project File ID #:	7671	**Br.**	70	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Steel	**Running Surface:**	Anti-skid
Curb Type:		**Abutments (looking downstream)** Left	Sill -Temporary Materials
Superstructure:	Steel Box Beam	Right	Sill -Temporary Materials

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10			**UTM Easting:**	389079	**UTM Northing:**	6112405
Inspector Name:	Warren Wilkinson			**Year Superstructure Installed:**			
Access:	Check Coords and revise.						

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	100	
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-575	Structure Name:	P049	Road Name:	TAMASGALE	Inspection Date:	2020/09/23

Span 1

Curb Rail/Blocks/Posts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	
Steel Deck Plate	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
2	Required	Low	$ 0.00	replace delineators

MONITORS

#	Description

GENERAL

Inspector's Comment:

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-575	Structure Name:	P049	Road Name:	TAMASGALE	Inspection Date:	2020/09/23

GENERAL

PEng's Comment:	looks good

GENERAL

Estimated Load Restriction (year):	2057	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/04 14:46:39		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-270	**Structure Name:**	G5-270A	**Road Name:**	KEVE	**Inspection Date:**	2020/09/23

KM:	3.20	**User km:**	3.20	**Crossing Name:**	Upper Keve Creek	**Next Inspection Date:**	2023/09/23
Project File ID #:	7671	**Br.**	72	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	10	**UTM Easting:**	355152	**UTM Northing:**	6117477		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2009				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	left off corner
Bridge Ahead Signs Missing	1	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-270	Structure Name:	G5-270A	Road Name:	KEVE	Inspection Date:	2020/09/23

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	Rot in curbs
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Poor	due to rot in running boards
Overall Deck Condition	Fair	
Running Planks	Poor	Rot
Sub Deck	Fair	fungus located under deck
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$	
2	Required	High	$	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-270	Structure Name:	G5-270A	Road Name:	KEVE	Inspection Date:	2020/09/23

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Need to replace deck soon or else it will be down rated.

GENERAL

Estimated Load Restriction (year):	2029	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/01 13:01:14		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-271	**Structure Name:**	G5-965	**Road Name:**	KEVE	**Inspection Date:**	2019/10/04

KM:	5.80	**User km:**	5.80	**Crossing Name:**	Unnamed	**Next Inspection Date:**	2022/10/04
Project File ID #:	7671	**Br.**	72	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10	**UTM Easting:**	354235	**UTM Northing:**	6115393		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	2009				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	OUT OF POSITION
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-271	Structure Name:	G5-965	Road Name:	KEVE	Inspection Date:	2019/10/04

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	Estimated Present Water Level Width:	2.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 250.00	BRUSH

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-271	Structure Name:	G5-965	Road Name:	KEVE	Inspection Date:	2019/10/04

GENERAL	Inspector's Comment:	ALL GOOD, NEEDS BRUSHING
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2030	Estimated Replacement (year):				
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100	
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/02/10 12:49:21			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-020	**Structure Name:**	G4-020	**Road Name:**	HOLY CROSS	**Inspection Date:**	2002/07/24

KM:	14.10	**User km:**	114.10	**Crossing Name:**	Irish Creek	**Next Inspection Date:**	2007/07/20
Project File ID #:	7724	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:			**Culvert Material:**		
Inlet Cover (mm):	6		**Outlet Cover (mm):**	6	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	39.0	**Opening Height (mm):**	1	**Opening Width (mm):**	1
UTM Zone:	10	**UTM Easting:**	386321	**UTM Northing:**	5978062
Inspector Name:	Tim Silbernagel	**Year Superstructure Installed:**	1981		
Access:					

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Riprap	Good	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-020	Structure Name:	G4-020	Road Name:	HOLY CROSS	Inspection Date:	2002/07/24

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	nullCulvert: 4-7) minor sag under roadway, minor deformations.

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):		**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\RMGETZLA on 2012/04/12 16:24:40		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-021	**Structure Name:**	G4-021	**Road Name:**	HOLY CROSS	**Inspection Date:**	2021/06/13

KM:	15.10	**User km:**	115.10	**Crossing Name:**	Smith Creek	**Next Inspection Date:**	2022/09/01
Project File ID #:	7724	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	5,200		**Outlet Cover (mm):**	8,000	
Footing Type:			**Gradient (%):**	5.0	
Culvert Length (metres):	50.6	**Opening Height (mm):**	2,100	**Opening Width (mm):**	2,100
UTM Zone:	10	**UTM Easting:**	386576	**UTM Northing:**	5977248
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1979		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	
Footing	Not Applicable	
Head Wall	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-021	Structure Name:	G4-021	Road Name:	HOLY CROSS	Inspection Date:	2021/06/13

Inlet	Good	
Outlet	Fair	
Overall	Fair	
Riprap	Not Applicable	
Roof	Fair	some deformation
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	monitor deformation in roof

GENERAL

Inspector's Comment:	Insufficient pictures, coupled, not bolted.

GENERAL

PEng's Comment:	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-021	Structure Name:	G4-021	Road Name:	HOLY CROSS	Inspection Date:	2021/06/13

GENERAL

Estimated Load Restriction (year):	2029	**Estimated Replacement (year):**			
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\GZSOMBOR on 2021/12/02 09:12:21		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-022	**Structure Name:**	G4-022	**Road Name:**	HOLY CROSS	**Inspection Date:**	2020/05/06

KM:	31.10	**User km:**	131.10	**Crossing Name:**	Cabin Creek	**Next Inspection Date:**	2023/05/06
Project File ID #:	7724	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,400		**Outlet Cover (mm):**	1,400	
Footing Type:	Precast Concrete Footing		**Gradient (%):**		
Culvert Length (metres):	23.0	**Opening Height (mm):**	4,416	**Opening Width (mm):**	10,860
UTM Zone:	10	**UTM Easting:**	378643	**UTM Northing:**	5966967
Inspector Name:	Warren wilkinson	**Year Superstructure Installed:**		1995	
Access:					

APPROACHES

Alignment	Fair	corner right side
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	1.5m
Floor	Not Applicable	
Footing	Good	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	nateral drop

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-022	Structure Name:	G4-022	Road Name:	HOLY CROSS	Inspection Date:	2020/05/06

Overall	Good	
Riprap	Fair	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	4.5
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:	at outlet								

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Looks good

GENERAL

Estimated Load Restriction (year):	2035	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/01/22 11:04:56		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-023	**Structure Name:**	G4-023	**Road Name:**	HOLY CROSS	**Inspection Date:**	2002/07/24

KM:	41.70	**User km:**	141.70	**Crossing Name:**	Targe Creek	**Next Inspection Date:**	2030/08/01
Project File ID #:	7724	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	5,000		**Outlet Cover (mm):**	5,000	
Footing Type:			**Gradient (%):**	2.0	
Culvert Length (metres):	24.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	374923	**UTM Northing:**	5958945
Inspector Name:	Tim Silbernagel		**Year Superstructure Installed:**	1982	
Access:					

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Fair	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Riprap	Fair	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-023	Structure Name:	G4-023	Road Name:	HOLY CROSS	Inspection Date:	2002/07/24

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Monitor scour at inlet. (very minor, no problems TS2002)

GENERAL

Inspector's Comment:	nullCulvert: 9) large screen laying by outlet but not required 11) rusty bottom 12) no scour, slow creek.

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\RMGETZLA on 2012/04/12 16:25:39		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-024	**Structure Name:**	G4-024	**Road Name:**	HOLY CROSS	**Inspection Date:**	2019/08/08
KM:	59.80	**User km:**	158.80	**Crossing Name:**	Cheslatta River	**Next Inspection Date:**	2022/08/08
Project File ID #:	7724	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Asphalt
Curb Type:		**Abutments (looking downstream)** Left	Concrete Cast in Place
Superstructure:	Steel I-beam	Right	Concrete Cast in Place

Total Length (metres):	37.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	37
UTM Zone:	10	**UTM Easting:**	370955	**UTM Northing:**	5945487		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	1982				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Good	
Ballast Wall	Good	
Concrete Cast in Place	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	end cap far side downstream missing
Posted Load Rating (Enter 0 if sign missing)	91000	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-024	Structure Name:	G4-024	Road Name:	HOLY CROSS	Inspection Date:	2019/08/08

Road Surface	Fair	

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Not Applicable	
Grout Pockets	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Good	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	3.0	**Estimated Present Water Level Width:**	20.0
Estimated High Water Level Clearance:	7.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	add fill and grade approaches

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-024	Structure Name:	G4-024	Road Name:	HOLY CROSS	Inspection Date:	2019/08/08

GENERAL	Inspector's Comment:	good, BOTH APPROACHES NEED CAPPING AND GRADING, ALL DELINIATORS PRESENT.
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2030	Estimated Replacement (year):				
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:		
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/01/23 14:58:03			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-025	**Structure Name:**	G4-025	**Road Name:**	HOLY CROSS	**Inspection Date:**	2020/05/26

KM:	65.00	**User km:**	165.00	**Crossing Name:**	Canyon Creek	**Next Inspection Date:**	2023/05/26
Project File ID #:	7724	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	56.0	**Opening Height (mm):**	3,700	**Opening Width (mm):**	3,700
UTM Zone:	10	**UTM Easting:**	370584	**UTM Northing:**	5940568
Inspector Name:	Vince Sewell	**Year Superstructure Installed:**	1982		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	minor rust
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-025	Structure Name:	G4-025	Road Name:	HOLY CROSS	Inspection Date:	2020/05/26

Inlet	Good	
Outlet	Good	
Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.4	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Looks good

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-025	Structure Name:	G4-025	Road Name:	HOLY CROSS	Inspection Date:	2020/05/26

GENERAL

Estimated Load Restriction (year):	2035	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/01/22 11:08:42		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-030	**Structure Name:**	G4-030	**Road Name:**	HOLY CROSS	**Inspection Date:**	2002/07/16
KM:	11.10	**User km:**	223.00	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2030/01/01
Project File ID #:	7724	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	8,000		**Outlet Cover (mm):**	8,000	
Footing Type:			**Gradient (%):**	2.0	
Culvert Length (metres):	43.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	376396	**UTM Northing:**	5978361
Inspector Name:	Tim Silbernagel	**Year Superstructure Installed:**	1980		
Access:	Coordinates are approximate and based on Km measure. Field verify				

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Head Wall	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Fair	No Comment Available -Converter.RNI
Riprap	Fair	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-030	Structure Name:	G4-030	Road Name:	HOLY CROSS	Inspection Date:	2002/07/16

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	1.3		

HAZARDS

High Water:	No	Scour:	Yes	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Monitor scour at outlet (1.4M drop, TS2002)

GENERAL

Inspector's Comment:	nullCulvert: 2) 1.4M drop at outlet 4-7) minor deformations 12) poor at outlet.

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\RMGETZLA on 2012/04/12 16:26:56		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-031	**Structure Name:**	G4-031	**Road Name:**	HOLY CROSS	**Inspection Date:**	2021/07/14

KM:	14.50	**User km:**	226.60	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/07/14
Project File ID #:	7724	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	4,500		**Outlet Cover (mm):**	5,000	
Footing Type:			**Gradient (%):**	5.0	
Culvert Length (metres):	26.6	**Opening Height (mm):**	1,750	**Opening Width (mm):**	1,750
UTM Zone:	10	**UTM Easting:**	374044	**UTM Northing:**	5975391
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**		1980	

Access: Minor culvert in good condition. Inspect every 10 years. GZ. 2021

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-031	Structure Name:	G4-031	Road Name:	HOLY CROSS	Inspection Date:	2021/07/14

Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	1.2		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	No concerns.

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/19 13:11:34		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-032	**Structure Name:**	G4-032	**Road Name:**	HOLY CROSS	**Inspection Date:**	2021/07/14
KM:	15.00	**User km:**	227.10	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/07/14
Project File ID #:	7724	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	6,300		**Outlet Cover (mm):**	7,000	
Footing Type:			**Gradient (%):**	4.0	
Culvert Length (metres):	37.0	**Opening Height (mm):**	2,130	**Opening Width (mm):**	2,130
UTM Zone:	10	**UTM Easting:**	373566	**UTM Northing:**	5975286
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	1980		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-032	Structure Name:	G4-032	Road Name:	HOLY CROSS	Inspection Date:	2021/07/14

Overall	Good	
Riprap	Fair	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	1.1
Estimated High Water Level Clearance:	1.6		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	No concerns.

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/19 13:17:24		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-033	**Structure Name:**	G4-033	**Road Name:**	HOLY CROSS	**Inspection Date:**	2019/08/08
KM:	33.30	**User km:**	233.30	**Crossing Name:**	Nithi River	**Next Inspection Date:**	2022/08/08
Project File ID #:	7724	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	16.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	16
UTM Zone:	10	**UTM Easting:**	367549	**UTM Northing:**	5977677		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	1979				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-033	Structure Name:	G4-033	Road Name:	HOLY CROSS	Inspection Date:	2019/08/08

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Fair	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	6.0
Estimated High Water Level Clearance:	4.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 250.00	INSTALL LOAD RATING SIGN

MONITORS

#	Description
1	Rot in cross ties

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-033	Structure Name:	G4-033	Road Name:	HOLY CROSS	Inspection Date:	2019/08/08

GENERAL	**Inspector's Comment:**	good, MISSING LOAD RATING SIGN
GENERAL	**PEng's Comment:**	

GENERAL						
Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/22 10:54:38			

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-034	**Structure Name:**	G4-034-A	**Road Name:**	HOLY CROSS	**Inspection Date:**	2020/05/06
KM:	34.50	**User km:**	246.50	**Crossing Name:**	Nithi River	**Next Inspection Date:**	2023/05/06
Project File ID #:	7724	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	Right	Steel Pipe and Precast Pad

Total Length (metres):	24.4	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	24
UTM Zone:	10	**UTM Easting:**	355733	**UTM Northing:**	5976888		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2007				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	corners on both sides
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-034	Structure Name:	G4-034-A	Road Name:	HOLY CROSS	Inspection Date:	2020/05/06

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	Estimated Present Water Level Width:	8.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-034	Structure Name:	G4-034-A	Road Name:	HOLY CROSS	Inspection Date:	2020/05/06

GENERAL	Inspector's Comment:	
GENERAL	PEng's Comment:	bridge in good condition

GENERAL							
Estimated Load Restriction (year):	2052	Estimated Replacement (year):					
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100		
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2021/01/22 11:01:37				

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-040	**Structure Name:**	G4-040	**Road Name:**	H. CROSS CABIN	**Inspection Date:**	2021/06/13
KM:	1.00	**User km:**	0.90	**Crossing Name:**	Nithi River	**Next Inspection Date:**	2024/06/13
Project File ID #:	7724	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	16.5	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	16
UTM Zone:	10	**UTM Easting:**	362837	**UTM Northing:**	5978166		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1995				
Access:	Turn left at km 38.5 on the Holy Cross-Binta FSR which is marked as Boreal Rec. site						

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Excellent	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Fair	wood fenders
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-040	Structure Name:	G4-040	Road Name:	H. CROSS CABIN	Inspection Date:	2021/06/13

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Unrated	one layer of running planks
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	5.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
3	Required	Medium	$	
4	Required	Medium	$	install delineators

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-040	Structure Name:	G4-040	Road Name:	H. CROSS CABIN	Inspection Date:	2021/06/13

MONITORS

#	Description

GENERAL

Inspector's Comment:	No significant issues. GZ

GENERAL

PEng's Comment:	No concerns. BH

GENERAL

Estimated Load Restriction (year):	2035	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/19 13:25:52		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-028	**Structure Name:**	004-13	**Road Name:**	HOLY CROSS	**Inspection Date:**	2018/09/27
KM:	0.30	**User km:**	0.30	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2019/08/01
Project File ID #:	7724	**Br.**	12	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10			**UTM Easting:**	355765	**UTM Northing:**	5976447
Inspector Name:	Adam Mathison, GradTech			**Year Superstructure Installed:**		2018	

Access: Turn left at user km 247 on the Holy Cross-Binta FSR

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Good	
Caps or Sills	Good	Two 6"x6" timbers lagged to front of each sill to increase bearing area
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-028	Structure Name:	004-13	Road Name:	HOLY CROSS	Inspection Date:	2018/09/27

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	Estimated Present Water Level Width:	1.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-028	Structure Name:	004-13	Road Name:	HOLY CROSS	Inspection Date:	2018/09/27

GENERAL	**Inspector's Comment:**	Superstructure has been replaced since last inspection. Ruskin Construction Serial 004-13 L-100 load rating Lock block abutments and existing sills were left in place. Two 6"x6" timbers were stacked and lagged against the front of the existing sills to increase bearing area. Bridge is in good condition
GENERAL	**PEng's Comment:**	Road has been transferred to West Fraser.

GENERAL							
	Estimated Load Restriction (year):	2038	**Estimated Replacement (year):**	2038			
	Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
	Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\JOLMSTED on 2020/02/10 12:46:42			

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-060	**Structure Name:**	G5-060	**Road Name:**	FALL	**Inspection Date:**	2019/10/14

KM:	0.10	**User km:**	200.10	**Crossing Name:**	Teegee Creek #1	**Next Inspection Date:**	2022/10/14
Project File ID #:	7785	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	20.0	**Opening Height (mm):**	2,800	**Opening Width (mm):**	4,000
UTM Zone:	9	**UTM Easting:**	496503	**UTM Northing:**	6163969
Inspector Name:	Dawson SMITH		**Year Superstructure Installed:**	1980	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-060	Structure Name:	G5-060	Road Name:	FALL	Inspection Date:	2019/10/14

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	GOOD, BOLTED CULVERT, SIGNS OF BEAVERS BUT NOTHING BUILT

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/02 13:58:56		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-061	**Structure Name:**	G5-061	**Road Name:**	FALL	**Inspection Date:**	2019/10/14

KM:	4.30	**User km:**	204.30	**Crossing Name:**	Teegee Creek #1	**Next Inspection Date:**	2022/10/14
Project File ID #:	7785	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Elliptical		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	2,000		**Outlet Cover (mm):**	2,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	22.0	**Opening Height (mm):**	2,500	**Opening Width (mm):**	4,000
UTM Zone:	9	**UTM Easting:**	498911	**UTM Northing:**	6166651
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1980		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Fair	LOOKS LIKE THE LAST SECTION HAS BENT DOWNWARDS A BIT

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-061	Structure Name:	G5-061	Road Name:	FALL	Inspection Date:	2019/10/14

Overall	Fair	
Riprap	Fair	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	BOLTED CULVERT, THE LAST SECTION (DOWNSTREAM SIDE) LOOKS LIKE IT HAS SLUMPED DOWN A BIT, EVERYTHING ELSE LOOKS OKAY

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/02 14:00:42		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-062	**Structure Name:**	G5-062	**Road Name:**	FALL	**Inspection Date:**	2021/09/15
KM:	23.50	**User km:**	223.50	**Crossing Name:**	Fall River	**Next Inspection Date:**	2024/09/15
Project File ID #:	7785	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	21.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	21.3
UTM Zone:	10	**UTM Easting:**	324749	**UTM Northing:**	6180054		
Inspector Name:	Vince Sewell	**Year Superstructure Installed:**	1999				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Good	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-062	Structure Name:	G5-062	Road Name:	FALL	Inspection Date:	2021/09/15

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Fair	Some rot showing age
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.7	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-062	Structure Name:	G5-062	Road Name:	FALL	Inspection Date:	2021/09/15

GENERAL	**Inspector's Comment:**	Bridge in good condition except curbs
GENERAL	**PEng's Comment:**	No concerns. BH

GENERAL						
Estimated Load Restriction (year):	2050	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/04 13:17:45			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-063	**Structure Name:**	G5-063	**Road Name:**	FALL	**Inspection Date:**	2019/10/14

KM:	31.20	**User km:**	231.30	**Crossing Name:**	Fall River	**Next Inspection Date:**	2022/10/14
Project File ID #:	7785	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	37.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	37
UTM Zone:	10	**UTM Easting:**	332180	**UTM Northing:**	6181958		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1998				
Access:							

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Fair	
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-063	Structure Name:	G5-063	Road Name:	FALL	Inspection Date:	2019/10/14

Span 1

Concrete Deck	Fair	COULDN'T SEE DUE TO TO FROZEN GROUNDS AND SNOW
Curb Rail/Blocks/Posts	Fair	MINOR DAMAGE/ROT
Deck Joints	Unrated	COULDN'T SEE DUE TO TO FROZEN GROUNDS AND SNOW
Grout Pockets	Unrated	COULDN'T SEE DUE TO TO FROZEN GROUNDS AND SNOW
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	7.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 500.00	INSTALL 2 SIGNS W/LOAD RATING AND 2 DELINEATORS

MONITORS

#	Description
1	MONITOR BEAVER DAM UPSTREAM
2	MONITOR DAMAGED/ROTTEN GUARD RAILS

GENERAL

Inspector's Comment: GUARD RAILS HAVE ROT BUT ARE OKAY FOR NOW, MISSING BRIDGE AHEAD SIGNS AND 2 DELINEATORS, BEAVERS ARE BUIDLING A DAM APPROX 30 M UPSTREAM

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-063	Structure Name:	G5-063	Road Name:	FALL	Inspection Date:	2019/10/14

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2048	Estimated Replacement (year):	
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91
Design Vehicle Config.:	L100		
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/01/30 15:48:47

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-064	**Structure Name:**	G5-064	**Road Name:**	FALL	**Inspection Date:**	2021/09/15
KM:	36.00	**User km:**	236.00	**Crossing Name:**	Fall River	**Next Inspection Date:**	2024/09/15
Project File ID #:	7785	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	24.8	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	24.8
UTM Zone:	10	**UTM Easting:**	335961	**UTM Northing:**	6181752		
Inspector Name:	Vince Sewell	**Year Superstructure Installed:**	1999				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Fair	LC has lots of cracking
Corrosion Protection	Good	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Fair	adequate but may scour in high water
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-064	Structure Name:	G5-064	Road Name:	FALL	Inspection Date:	2021/09/15

DECK

Span 1

Concrete Deck	Good	Dirty
Curb Rail/Blocks/Posts	Fair	Rot and soft sections
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.8	**Estimated Present Water Level Width:**	5.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
6	Required	Medium	$ 0.00	Replace rails/blocks/risers prior to industrial use

MONITORS

#	Description
1	LC ballast wall cracking

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-064	Structure Name:	G5-064	Road Name:	FALL	Inspection Date:	2021/09/15

GENERAL	**Inspector's Comment:**	Overall good except curbs. look at LC ballast wall photos
GENERAL	**PEng's Comment:**	Minor cracking in ballast wall. Replace curbs before industrial ude. BH

GENERAL						
Estimated Load Restriction (year):	2050	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/04 13:40:24			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-065	**Structure Name:**	G5-065	**Road Name:**	FALL	**Inspection Date:**	2019/10/14

KM:	36.70	**User km:**	236.70	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/10/14
Project File ID #:	7785	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	3,000		**Outlet Cover (mm):**	3,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	32.0	**Opening Height (mm):**	2,000	**Opening Width (mm):**	2,000
UTM Zone:	10	**UTM Easting:**	336384	**UTM Northing:**	6181299
Inspector Name:	Dawson SMITH		**Year Superstructure Installed:**	1990	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-065	Structure Name:	G5-065	Road Name:	FALL	Inspection Date:	2019/10/14

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	0.1
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Not Required	Medium	$ 500.00	BRUSH BOTH SIDES

MONITORS

#	Description

GENERAL

Inspector's Comment:	VERY BRUSHED IN, CULVERT IS GOOD

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/02 14:03:01		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-066	**Structure Name:**	G5-066	**Road Name:**	FALL	**Inspection Date:**	2019/10/14
KM:	37.70	**User km:**	237.70	**Crossing Name:**	Buck Creek	**Next Inspection Date:**	2022/10/14
Project File ID #:	7785	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Pile -Permanent Materials
Superstructure:	Steel I-beam	Right	Pile -Permanent Materials

Total Length (metres):	22.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	22
UTM Zone:	10	**UTM Easting:**	337389	**UTM Northing:**	6181203		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1994				
Access:							

ABUTMENTS

Bearings	Fair	BULGING
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Fair	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	LOG FENDERS
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-066	Structure Name:	G5-066	Road Name:	FALL	Inspection Date:	2019/10/14

Span 1

Concrete Deck	Fair	COULD NOT SEE DECK DUE TO FROZEN MUD AND SNOW HOWEVER NO LEAKS
Curb Rail/Blocks/Posts	Good	
Deck Joints	Fair	COULD NOT SEE DECK DUE TO FROZEN MUD AND SNOW HOWEVER NO LEAKS
Grout Pockets	Fair	COULD NOT SEE DECK DUE TO FROZEN MUD AND SNOW HOWEVER NO LEAKS
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	COULD NOT SEE DECK DUE TO FROZEN MUD AND SNOW HOWEVER NO LEAKS

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	5.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 500.00	BRUSH

MONITORS

#	Description
1	MONITOR BEARINGS

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-066	Structure Name:	G5-066	Road Name:	FALL	Inspection Date:	2019/10/14

GENERAL	Inspector's Comment:	BRIDGE IS IN GOOD SHAPE, COULD NOT SEE DECK DUE TO FROZEN MUD AND SNOW HOWEVER NO LEAKS UNDERNEATH, BEARINGS ARE BULGING,
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2034	Estimated Replacement (year):				
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100	
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/01/30 15:45:23			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-067	**Structure Name:**	G5-067-2	**Road Name:**	FALL	**Inspection Date:**	2019/10/14

KM:	44.60	**User km:**	244.60	**Crossing Name:**	Teegee Creek #2	**Next Inspection Date:**	2022/10/14
Project File ID #:	7785	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	3,000		**Outlet Cover (mm):**	3,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	25.0	**Opening Height (mm):**	1,600	**Opening Width (mm):**	1,600
UTM Zone:	10	**UTM Easting:**	343397	**UTM Northing:**	6179828
Inspector Name:	Dawson SMITH		**Year Superstructure Installed:**	1993	
Access:	2 WDR				

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-067	Structure Name:	G5-067-2	Road Name:	FALL	Inspection Date:	2019/10/14

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 250.00	BOTH SIDES NEED BRUSHING

MONITORS

#	Description

GENERAL

Inspector's Comment:	GOOD, VERY BRUSHED IN, INLET HAS A WEIRD PLYWOOD DEFLECTOR

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2033	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/02 14:08:05		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-067	**Structure Name:**	G5-067	**Road Name:**	FALL	**Inspection Date:**	2019/10/14

KM:	44.60	**User km:**	244.60	**Crossing Name:**	Teegee Creek #2	**Next Inspection Date:**	2022/10/14
Project File ID #:	7785	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	3,000		**Outlet Cover (mm):**	3,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	25.0	**Opening Height (mm):**	1,600	**Opening Width (mm):**	1,600
UTM Zone:	10	**UTM Easting:**	343397	**UTM Northing:**	6179828
Inspector Name:	Dawson SMITH		**Year Superstructure Installed:**	1993	
Access:	2 WDR				

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-067	Structure Name:	G5-067	Road Name:	FALL	Inspection Date:	2019/10/14

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 250.00	BRUSH BOTH SIDES

MONITORS

#	Description

GENERAL

Inspector's Comment: PIPE IS IN GOOD SHAPE, THERE IS A WEIRD PLYWOOD WATER DEFLECTOR AT INLET, NEEDS BRUSHING

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):	2033	**Estimated Replacement (year):**	
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/02 14:04:59

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-068	**Structure Name:**	G5-068	**Road Name:**	FALL	**Inspection Date:**	2019/10/14
KM:	46.00	**User km:**	246.00	**Crossing Name:**	Silver Creek	**Next Inspection Date:**	2022/10/14
Project File ID #:	7785	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	34.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	34
UTM Zone:	10	**UTM Easting:**	344767	**UTM Northing:**	6179379		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1993				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-068	Structure Name:	G5-068	Road Name:	FALL	Inspection Date:	2019/10/14

Span 1

Concrete Deck	Unrated	DECK WAS FROZEN SO COULDN'T SEE IT ALL HOWEVER GAPS AT BOTH ENDS
Curb Rail/Blocks/Posts	Poor	ROTTEN
Deck Joints	Poor	DECK WAS FROZEN SO COULDN'T SEE IT ALL HOWEVER GAPS AT BOTH ENDS
Grout Pockets	Unrated	DECK WAS FROZEN SO COULDN'T SEE IT ALL HOWEVER GAPS AT BOTH ENDS
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Poor	POOR DUE TO GUARD RAILS

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	25.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	GROUT DECK JOINTS
2	Required	Medium	$ 500.00	INSTALL BRIDGE AHEAD AND LOAD RATING SIGNS
3	Required	Medium	$	REPLACE GUARD RAILS

MONITORS

#	Description

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-068	Structure Name:	G5-068	Road Name:	FALL	Inspection Date:	2019/10/14

GENERAL	**Inspector's Comment:**	NO BRIDGE AHEAD SIGNS, DECK WAS FROZEN SO COULDN'T SEE IT ALL HOWEVER GAPS AT BOTH ENDS, GUARD RAILS ROTTEN AND SHOULD BE REPLACED
GENERAL	**PEng's Comment:**	Curbs need replacing soon or bridge will be down-rated. Other than the curbs, deck is in good condition from last inspection.

GENERAL						
Estimated Load Restriction (year):	2038	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/30 15:14:06			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-069	**Structure Name:**	G5-069	**Road Name:**	FALL	**Inspection Date:**	2001/09/18

KM:	46.10	**User km:**	246.10	**Crossing Name:**	Silver Side Channel	**Next Inspection Date:**	2030/01/01
Project File ID #:	7785	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	3,500		**Outlet Cover (mm):**	3,600	
Footing Type:			**Gradient (%):**	1.0	
Culvert Length (metres):	26.5	**Opening Height (mm):**	1,600	**Opening Width (mm):**	1,600
UTM Zone:	10	**UTM Easting:**	344789	**UTM Northing:**	6179168
Inspector Name:	Brent Case	**Year Superstructure Installed:**		1993	
Access:	Minor culvert, 1600				

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Excellent	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Excellent	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-069	Structure Name:	G5-069	Road Name:	FALL	Inspection Date:	2001/09/18

CHANNEL

Estimated Present Water Level Depth:		Estimated Present Water Level Width:	
Estimated High Water Level Clearance:	0.8		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2038	Estimated Replacement (year):	
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	
Professional Inspection Required?	No	Report Status:	Accepted By IDIR\RMGETZLA on 2012/04/10 14:34:19		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-140	**Structure Name:**	G5-140	**Road Name:**	TSAYTA	**Inspection Date:**	2019/10/14

KM:	1.70	**User km:**	1.70	**Crossing Name:**	Trout Lake Creek	**Next Inspection Date:**	2022/10/14
Project File ID #:	7785	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	12.6	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.6
UTM Zone:	10	**UTM Easting:**	331155	**UTM Northing:**	6150759		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1997				
Access:	Park boundary sign near Abut #1						

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-140	Structure Name:	G5-140	Road Name:	TSAYTA	Inspection Date:	2019/10/14

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Fair	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	REMOVE BEAVER DAM AND MATERIAL ON UPSTREAM SIDE

MONITORS

#	Description

GENERAL

Inspector's Comment: NO LOAD RATING SIGNS, BEAVERS ARE BUILDING A DAM ALMOST UNDER THE BRIDGE

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-140	Structure Name:	G5-140	Road Name:	TSAYTA	Inspection Date:	2019/10/14

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2047	Estimated Replacement (year):	
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91
Design Vehicle Config.:	L100		
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/02/04 15:21:11

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-147	**Structure Name:**	G5-147	**Road Name:**	TSAYTA	**Inspection Date:**	2019/10/14

KM:	4.50	**User km:**	4.90	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/10/14
Project File ID #:	7785	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	19.0	**Opening Height (mm):**	3,000	**Opening Width (mm):**	3,000
UTM Zone:	10	**UTM Easting:**	334061	**UTM Northing:**	6150367
Inspector Name:	Dawson SMITH		**Year Superstructure Installed:**	1997	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	RUSTY
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-147	Structure Name:	G5-147	Road Name:	TSAYTA	Inspection Date:	2019/10/14

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Fair	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment: PIPE IS IN GOOD SHAPE, LOOKS A BIT RUSTY ON THE BOTTOM, SIGNS THAT THERE WAS BEAVER ACTIVITY

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):	2047	**Estimated Replacement (year):**	
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91
Design Vehicle Config.:			
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/03 13:36:49

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-141	**Structure Name:**	G5-141	**Road Name:**	TSAYTA	**Inspection Date:**	2020/10/06
KM:	15.60	**User km:**	15.60	**Crossing Name:**	West Kwanika Creek	**Next Inspection Date:**	2023/10/06
Project File ID #:	7785	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Concrete Precast
Superstructure:	Concrete Slab Girders	Right	Concrete Precast

Total Length (metres):	10.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	10
UTM Zone:	10	**UTM Easting:**	340699	**UTM Northing:**	6156046		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1998				
Access:							

APPROACHES

Alignment	Poor	90 corner on upchain side
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Fair	one nose cone needs to be re-set
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	wilderness level

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	rotting and broken
Deck Joints	Good	
Grout Pockets	Not Applicable	
Grout Pockets	Not Applicable	
Hardware	Poor	due to curb condition
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	

SUPERSTRUCTURE

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-141	Structure Name:	G5-141	Road Name:	TSAYTA	Inspection Date:	2020/10/06

Span 1

Bracing	Unrated	cannot see components
Hardware	Unrated	cannot see components
Welded/grouted shear connectors	Unrated	cannot see components

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
5	Required	High	$	
6	Required	High		
7	Required	Low	$	
8	Required	Low	$	

MONITORS

#	Description

GENERAL

Inspector's Comment:	down rate bride until all repairs made

GENERAL

PEng's Comment:	Bridge to be posted at 30 tonnes. If any section of rail is missing, then the bridge is to be closed to all traffic.

GENERAL

Estimated Load Restriction (year):	2048	**Estimated Replacement (year):**	2048		
Current Inspection Load Rating:	30	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/01 11:47:08		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-143	**Structure Name:**	G5-143	**Road Name:**	TSAYTA	**Inspection Date:**	1999/09/15
KM:	16.80	**User km:**	16.80	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2030/01/01
Project File ID #:	7785	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	500	**Outlet Cover (mm):**	500
Footing Type:		**Gradient (%):**	

Culvert Length (metres):	14.0	**Opening Height (mm):**	1,200	**Opening Width (mm):**	1,200
UTM Zone:	10	**UTM Easting:**	341699	**UTM Northing:**	6156505
Inspector Name:	unknown	**Year Superstructure Installed:**		1987	
Access:	Minor culvert, 1200				

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Fair	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Riprap	Poor	No Comment Available -Converter.RNI
Roof	Fair	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-143	Structure Name:	G5-143	Road Name:	TSAYTA	Inspection Date:	1999/09/15

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	0.1		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	nullCulvert: 5) Minor deformations. 11) Some rust on floor. 12) No rip rap, but no scour..

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2033	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\RMGETZLA on 2012/04/12 09:54:06		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-144	**Structure Name:**	G5-144	**Road Name:**	TSAYTA	**Inspection Date:**	2002/06/20

KM:	18.30	**User km:**	18.30	**Crossing Name:**	Trout Lake Creek	**Next Inspection Date:**	2030/01/01
Project File ID #:	7785	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	300		**Outlet Cover (mm):**	500	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	12.0	**Opening Height (mm):**	1,200	**Opening Width (mm):**	1,200
UTM Zone:	10	**UTM Easting:**	342966	**UTM Northing:**	6157174
Inspector Name:	Ed Cienciala		**Year Superstructure Installed:**	1987	
Access:	Minor culvert, twin 1200				

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Poor	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Poor	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Riprap	Poor	No Comment Available -Converter.RNI
Roof	Poor	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-144	Structure Name:	G5-144	Road Name:	TSAYTA	Inspection Date:	2002/06/20

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	0.4		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Monitor deformations in roof near center of culverts. No Industrial traffic

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2035	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\RMGETZLA on 2012/04/12 09:52:34		

Corporate Bridge Register (CBR)

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-148	**Structure Name:**	G5-148	**Road Name:**	TSAYTA	**Inspection Date:**	2019/10/14

KM:	38.40	**User km:**	38.40	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/10/14
Project File ID #:	7785	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	12.0	**Opening Height (mm):**	2,300	**Opening Width (mm):**	2,300
UTM Zone:	10	**UTM Easting:**	357257	**UTM Northing:**	6160918
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1975		

Access: Road has been transferred to an RP. Do not inspect - CP Oct 2020

Road currently wilderness maintained. MD Feb 2017

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Poor	SCOURED ON LEFT SIDE,WATER COMING DOWN THE ROAD WILL CONTINUE

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Poor	FAILING ABOUT 1/2 WAY ACROSS
Coating	Poor	RUST ON BOTTOM
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Poor	SHOWING FROST HEAVE
Footing	Not Applicable	
Head Wall	Fair	
Inlet	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-148	Structure Name:	G5-148	Road Name:	TSAYTA	Inspection Date:	2019/10/14

Outlet	Fair	
Overall	Poor	FAILING ABOUT 1/2 WAY ACROSS
Riprap	Not Applicable	
Roof	Poor	FAILING ABOUT 1/2 WAY ACROSS
Side Walls	Fair	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$	GRADE ROAD
2	Required	Medium	$	REPLACE CULVERT

MONITORS

#	Description

GENERAL

Inspector's Comment: ROAD ON INLET SIDE (LEFT GOING UP) IS SCOURED, NEED TO BE GRADED OR ROAD WILL FAIL. THERE IS SIGN CULVERT ROOF IS FAILING ABOUT 1/2 WAY ACROSS (CANT SEE IN THE PICTURE)

GENERAL

PEng's Comment: Will look at the culvert in 2020 to determine the what is required.

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-148	Structure Name:	G5-148	Road Name:	TSAYTA	Inspection Date:	2019/10/14

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/09 08:39:32		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-018	**Structure Name:**	G5-018	**Road Name:**	TSAYTA	**Inspection Date:**	2019/10/14
KM:	55.80	**User km:**	55.80	**Crossing Name:**	Nation River	**Next Inspection Date:**	2022/10/14
Project File ID #:	7785	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18.3
UTM Zone:	10	**UTM Easting:**	330707	**UTM Northing:**	6150281		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1994				

Access: Turn right at approx km 55 on the Old Driftwood FSR - start of ugly road DB2004

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Fair	MINIMAL
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	NEED TO BE REPLACED
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-018	Structure Name:	G5-018	Road Name:	TSAYTA	Inspection Date:	2019/10/14

Span 1

Concrete Deck	Unrated	DECK WAS COVERED IN FROZEN DIRT AND SNOW SO COULD NOT SEE WELL
Curb Rail/Blocks/Posts	Fair	
Deck Joints	Unrated	DECK WAS COVERED IN FROZEN DIRT AND SNOW SO COULD NOT SEE WELL
Grout Pockets	Unrated	DECK WAS COVERED IN FROZEN DIRT AND SNOW SO COULD NOT SEE WELL
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Unrated	DECK WAS COVERED IN FROZEN DIRT AND SNOW SO COULD NOT SEE WELL

SUPERSTRUCTURE

Span 1

Bracing	Good
Diaphrams	Good
Girders	Good
Hardware	Not Applicable
Under Trussing	Not Applicable

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$	REMOVE BEAVER DAM UPSTREAM
2	Required	Low	$ 250.00	INSTALL LOAD SIGNS AND 1 DELINEATOR
3	Required	Low	$	REPLACE FENDERS

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-018	Structure Name:	G5-018	Road Name:	TSAYTA	Inspection Date:	2019/10/14

GENERAL	Inspector's Comment:	DECK WAS COVERED IN FROZEN DIRT AND SNOW SO COULD NOT SEE WELL, HOWEVER THERE IS NO STAINING ON UNDERSIDE TO SUGGEST LEAKS. WOOD FENDERS NEED TO BE REPLACED, BEAVER BUILDING A DAM 20M UPSTREAM
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2034	Estimated Replacement (year):				
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:		
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/03/02 14:21:40			

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-100	**Structure Name:**	G5-100	**Road Name:**	DREAM	**Inspection Date:**	2019/10/14
KM:	3.20	**User km:**	3.20	**Crossing Name:**	Canyon Creek	**Next Inspection Date:**	2022/10/14
Project File ID #:	7785	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Binwall
Superstructure:	Steel I-beam	**Right**	Binwall

Total Length (metres):	10.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	10
UTM Zone:	10	**UTM Easting:**	349538	**UTM Northing:**	6161808		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1991				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Binwall	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Good	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Poor	NONE
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-100	Structure Name:	G5-100	Road Name:	DREAM	Inspection Date:	2019/10/14

Span 1

Curb Rail/Blocks/Posts	Fair	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Unrated	FROZEN SNOW AND DIRT SO I COULDN'T SEE THE DECK BUT NO WATER WAS DRIPPING THOUGH
Overall Deck Condition	Unrated	FROZEN SNOW AND DIRT SO I COULDN'T SEE THE DECK BUT NO WATER WAS DRIPPING THOUGH
Running Planks	Unrated	FROZEN SNOW AND DIRT SO I COULDN'T SEE THE DECK BUT NO WATER WAS DRIPPING THOUGH
Sub Deck	Fair	
Ties	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 250.00	INSTALL BRIDGE AHEAD AND LOAD RATING SIGNS

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-100	Structure Name:	G5-100	Road Name:	DREAM	Inspection Date:	2019/10/14

GENERAL	**Inspector's Comment:**	NO BRIDGE AHEAD SIGNS, NO RIP RAP, FROZEN SNOW AND DIRT SO I COULDN'T SEE THE DECK BUT NO WATER WAS DRIPPING THOUGH
GENERAL	**PEng's Comment:**	Bridge deck will need replacing soon

GENERAL							
	Estimated Load Restriction (year):	2031	**Estimated Replacement (year):**				
	Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**		
	Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/27 12:37:19			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-102	**Structure Name:**	G5-102	**Road Name:**	DREAM	**Inspection Date:**	2019/10/14
KM:	16.20	**User km:**	16.20	**Crossing Name:**	Kenny Creek	**Next Inspection Date:**	2022/10/14
Project File ID #:	7785	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Sill - Permanent Materials
Superstructure:	Steel I-beam	**Right**	Sill - Permanent Materials

Total Length (metres):	20.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	20
UTM Zone:	10	**UTM Easting:**	344936	**UTM Northing:**	6171118		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1991				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	NEED SIGNS TO SLOW TRAFFIC DOWN
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Poor	OUT OF POSITION
Road Surface	Fair	

DECK

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-102	Structure Name:	G5-102	Road Name:	DREAM	Inspection Date:	2019/10/14

Span 1

Curb Rail/Blocks/Posts	Fair	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Unrated	DECK WAS COVERED IN FROZEN DIRT AND SNOW SO COULD NOT SEE IF WELL
Overall Deck Condition	Fair	DECK WAS COVERED IN FROZEN DIRT AND SNOW SO COULD NOT SEE IF WELL
Running Planks	Unrated	DECK WAS COVERED IN FROZEN DIRT AND SNOW SO COULD NOT SEE IF WELL
Sub Deck	Fair	
Ties	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	16.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	INSTALL FENDERS
2	Required	Medium	$ 750.00	INSTALL BRIDGE AHEAD, LOAD RATING AND DELINEATORS

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-102	Structure Name:	G5-102	Road Name:	DREAM	Inspection Date:	2019/10/14

MONITORS

#	Description
1	MONITOR GUARD RAIL ROT

GENERAL

Inspector's Comment:	DECK WAS COVERED IN FROZEN DIRT AND SNOW SO COULD NOT SEE IF WELL, HOWEVER IT APPEARS TO BE SOUND NOTHING DRIPPING THROUGH, NO SIGNS DELINEATORS, ROTTEN GUARD RAILS, FENDERS POOR

GENERAL

PEng's Comment:	deck replacement will need to be done soon.

GENERAL

Estimated Load Restriction (year):		2031	**Estimated Replacement (year):**		
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/24 15:52:48		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-130	**Structure Name:**	G5-130	**Road Name:**	OMINECA	**Inspection Date:**	2021/09/15
KM:	2.80	**User km:**	2.80	**Crossing Name:**	Beaverpond Creek	**Next Inspection Date:**	2024/09/15
Project File ID #:	7785	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Glulam Girder	**Right**	Pile -Permanent Materials

Total Length (metres):	11.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	11
UTM Zone:	10	**UTM Easting:**	326838	**UTM Northing:**	6181858		
Inspector Name:	Vince Sewell	**Year Superstructure Installed:**	1980				

Access: Access is at kilometer 223 off Fall FSR.

ABUTMENTS

Bearings	Not Applicable	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Fair	Center 3 posts on left side cracked
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	End of LC DS fender broken
Posted Load Rating (Enter 0 if sign missing)	30	
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-130	Structure Name:	G5-130	Road Name:	OMINECA	Inspection Date:	2021/09/15

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	Good except running deck
Running Planks	Poor	Rot
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
9	Required	High		Replace running deck surface before industrial use.
10	Required	Medium		Install bridge ahead signs.
11	Required	Medium		Brush out both appraches.

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-130	Structure Name:	G5-130	Road Name:	OMINECA	Inspection Date:	2021/09/15

MONITORS

#	Description

GENERAL

Inspector's Comment:	Bridge difficult to inspect, very high and hard to see. Glulam and everything except running deck is covered in creosote. Professional inspection prior to industrial use due to age.

GENERAL

PEng's Comment:	Running deck needs replacing before industrial use. BH

GENERAL

Estimated Load Restriction (year):		2025	**Estimated Replacement (year):**		
Current Inspection Load Rating:	30	**Design Load GVW (tonnes):**	134	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/24 13:14:41		

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-010	**Structure Name:**	G5-010	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2019/10/04
KM:	6.40	**User km:**	6.40	**Crossing Name:**	Keve Creek	**Next Inspection Date:**	2022/10/04
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Pipe Arch	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	2,000	**Outlet Cover (mm):**	2,000
Footing Type:		**Gradient (%):**	

Culvert Length (metres):	22.0	**Opening Height (mm):**	2,000	**Opening Width (mm):**	4,000
UTM Zone:	10	**UTM Easting:**	359575	**UTM Northing:**	6116574

Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1988
Access:			

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Good	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Fair	SHOWING RUST ON BOTTOM & SIDES
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	SHOWS SOME RUST
Footing	Not Applicable	
Head Wall	Good	
Inlet	Fair	
Outlet	Fair	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-010	Structure Name:	G5-010	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/04

Overall	Fair	
Riprap	Fair	ARMOUR
Roof	Fair	SOME DENTS FROM RIP RAP
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment: PIPE SHOWING RUST ON BOTTOM/SIDES

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):	2028	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/24 15:28:55		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-011	**Structure Name:**	G5-011	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2019/10/04

KM:	14.30	**User km:**	14.30	**Crossing Name:**	Purvis Creek	**Next Inspection Date:**	2022/10/04
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Pipe Arch		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	4,000		**Outlet Cover (mm):**	4,000	
Footing Type:			**Gradient (%):**	1.0	
Culvert Length (metres):	34.0	**Opening Height (mm):**	3,426	**Opening Width (mm):**	4,626
UTM Zone:	10	**UTM Easting:**	355058	**UTM Northing:**	6122847
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1991		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Fair	LOGS ON MOUTH OF PIPE
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-011	Structure Name:	G5-011	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/04

Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	Yes	**Aggradation:**	No

Comment: LOGS ON INLET

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 250.00	REMOVE LOGS ON INLET SIDE

MONITORS

#	Description

GENERAL

Inspector's Comment: ALL GOOD, SOME LOG DEBRIS ON INLET SIDE

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):	2039	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/24 15:33:41		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-034	**Structure Name:**	G5-034	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2010/08/18

KM:	23.20	**User km:**	23.20	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2030/08/01
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	4,000		**Outlet Cover (mm):**	4,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	36.0	**Opening Height (mm):**	1,000	**Opening Width (mm):**	1,000
UTM Zone:	10	**UTM Easting:**	352405	**UTM Northing:**	6130298
Inspector Name:	Susan Forshner		**Year Superstructure Installed:**	1991	
Access:	Minor culvert				

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coating	Good	
Fill	Good	
Floor	Good	Rust
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Fair	perched x 2
Overall	Good	
Riprap	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-034	Structure Name:	G5-034	Road Name:	DRIFTWOOD	Inspection Date:	2010/08/18

Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	0.7
Estimated High Water Level Clearance:	0.6		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Monitor outlets, both perched

GENERAL

Inspector's Comment:	both outlets are perched - monitor

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\RMGETZLA on 2012/04/10 09:32:35		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-013	**Structure Name:**	G5-013	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2019/10/13

KM:	23.40	**User km:**	23.40	**Crossing Name:**	Brule Creek	**Next Inspection Date:**	2022/10/13
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Elliptical		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	3,000		**Outlet Cover (mm):**	3,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	26.0	**Opening Height (mm):**	3,000	**Opening Width (mm):**	6,000
UTM Zone:	10	**UTM Easting:**	352344	**UTM Northing:**	6130418
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1991		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Good	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-013	Structure Name:	G5-013	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/13

Overall	Good	
Riprap	Fair	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	GOOD..

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2031	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/24 15:26:55		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-014	**Structure Name:**	G5-014	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2021/07/20

KM:	36.00	**User km:**	36.00	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/09/19
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Elliptical		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	350		**Outlet Cover (mm):**	350	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	26.0	**Opening Height (mm):**	2,540	**Opening Width (mm):**	4,140
UTM Zone:	10	**UTM Easting:**	342912	**UTM Northing:**	6138856
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**		1992	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-014	Structure Name:	G5-014	Road Name:	DRIFTWOOD	Inspection Date:	2021/07/20

Inlet	Good	
Outlet	Good	
Overall	Good	
Riprap	Not Applicable	
Roof	Fair	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.1
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	Wrong site inspected

GENERAL

PEng's Comment:	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-014	Structure Name:	G5-014	Road Name:	DRIFTWOOD	Inspection Date:	2021/07/20

GENERAL

Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**			
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\GZSOMBOR on 2021/12/02 14:42:33		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-015	**Structure Name:**	G5-015	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2021/07/09
KM:	37.40	**User km:**	37.40	**Crossing Name:**	Andrea Creek	**Next Inspection Date:**	2024/07/09
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	21.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	21
UTM Zone:	10	**UTM Easting:**	341753	**UTM Northing:**	6139454		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1995				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	log fenders, some missing
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-015	Structure Name:	G5-015	Road Name:	DRIFTWOOD	Inspection Date:	2021/07/09

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
6	Required	Medium	$	Install missing fenders

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-015	Structure Name:	G5-015	Road Name:	DRIFTWOOD	Inspection Date:	2021/07/09

GENERAL	**Inspector's Comment:**	Approach fenders an issue. Removed BA signs and LL signs from repairs. GZ
GENERAL	**PEng's Comment:**	No major issues. BH

GENERAL						
Estimated Load Restriction (year):	2035	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/20 14:34:54			

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-035	**Structure Name:**	G5-035	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2021/08/31

KM:	49.80	**User km:**	49.80	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/08/31
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	6,000		**Outlet Cover (mm):**	9,000	
Footing Type:			**Gradient (%):**	12.0	
Culvert Length (metres):	24.0	**Opening Height (mm):**	1,600	**Opening Width (mm):**	1,600
UTM Zone:	10	**UTM Easting:**	334555	**UTM Northing:**	6148157
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	1990		
Access:					

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Unrated	NA
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Fair	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Fair	
Overall	Fair	CMP squashed from poor install but stable

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-035	Structure Name:	G5-035	Road Name:	DRIFTWOOD	Inspection Date:	2021/08/31

Riprap	Good	
Roof	Fair	
Side Walls	Fair	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	0.4		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
4	Required	Low		Culvert is stable. Replacement not required until road upgrade occurs.

MONITORS

#	Description

GENERAL

Inspector's Comment:	5m x 1400 mm extension added to outlet @ 2% grade. Poor install.No urgency to replace. Install new CMP when upgrading road section

GENERAL

PEng's Comment:	Replace during road upgrades. BH

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/24 11:33:41		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-036	**Structure Name:**	G5-036	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2021/08/31

KM:	51.60	**User km:**	51.60	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/08/31
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	900		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**	4.0	
Culvert Length (metres):	19.0	**Opening Height (mm):**	1,500	**Opening Width (mm):**	1,500
UTM Zone:	10	**UTM Easting:**	332888	**UTM Northing:**	6148699
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	1990		
Access:	Minor culvert				

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Fair	0.6m plunge pool
Overall	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-036	Structure Name:	G5-036	Road Name:	DRIFTWOOD	Inspection Date:	2021/08/31

Riprap	Good	
Roof	Good	
Side Walls	Fair	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	0.6		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	Replace with 9m slab bridge with future road upgrade

GENERAL

PEng's Comment:	Consider replacement during road upgrades. BH

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/24 12:52:34		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-016	**Structure Name:**	G5-016	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2020/08/06

KM:	53.60	**User km:**	53.00	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2023/08/06
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	500		**Outlet Cover (mm):**	1,300	
Footing Type:			**Gradient (%):**	9.0	
Culvert Length (metres):	21.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	331258	**UTM Northing:**	6149046
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**		1990	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Poor	compresion of roof
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	1m
Floor	Poor	rust
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Fair	
Outlet	Poor	purched, aggtigation has reated large hole

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-016	Structure Name:	G5-016	Road Name:	DRIFTWOOD	Inspection Date:	2020/08/06

Overall	Poor	as per other ellements
Riprap	Poor	at inlet
Roof	Poor	deformation of roof
Side Walls	Poor	deformation of sides
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	Yes	**Ice:**	No	**Debris:**	No	**Aggradation:**	Yes

Comment: has created deep hole at outlet

REPAIRS

#	Status	Priority	Estimate	Description
6	Required	Medium	$	replace

MONITORS

#	Description

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: Will look at this culvert this year and determine if it needs replacing

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/22 13:21:39		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-017	**Structure Name:**	G5-017	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2020/08/06

KM:	54.20	**User km:**	54.20	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2023/08/06
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	24.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	330379	**UTM Northing:**	6149328
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1990		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	1m
Floor	Fair	Rust
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-017	Structure Name:	G5-017	Road Name:	DRIFTWOOD	Inspection Date:	2020/08/06

Inlet	Good	log jamed in at inlet
Outlet	Fair	
Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	no changes in deformations
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	Yes	**Aggradation:**	Yes
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	looks ok

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-017	Structure Name:	G5-017	Road Name:	DRIFTWOOD	Inspection Date:	2020/08/06

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/18 13:47:39		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-017	**Structure Name:**	G5-017-2	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2020/08/06

KM:	54.20	**User km:**	54.20	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2023/08/06
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	18.0	**Opening Height (mm):**	1,000	**Opening Width (mm):**	1,000
UTM Zone:	10	**UTM Easting:**	330379	**UTM Northing:**	6149328
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1990		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	1m
Floor	Fair	Rust
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-017	Structure Name:	G5-017-2	Road Name:	DRIFTWOOD	Inspection Date:	2020/08/06

Inlet	Good	
Outlet	Fair	
Overall	Good	
Riprap	Good	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	overflow\high water culvert. see culver 1 for photos

GENERAL

PEng's Comment:	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-017	Structure Name:	G5-017-2	Road Name:	DRIFTWOOD	Inspection Date:	2020/08/06

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/18 13:50:09		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-040	**Structure Name:**	G5-040	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2019/10/13
KM:	59.70	**User km:**	59.70	**Crossing Name:**	Nation River	**Next Inspection Date:**	2022/10/13
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	16.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	16
UTM Zone:	10	**UTM Easting:**	326106	**UTM Northing:**	6151745		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1999				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Fair	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-040	Structure Name:	G5-040	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/13

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Unrated	COULD NOT SEE DUE TO FROZEN MUD/SNOW
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-040	Structure Name:	G5-040	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/13

GENERAL	Inspector's Comment:	GOOD, COULD NOT SEE GROUT POCKETS DUE TO FROZEN MUD AND SNOW
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2049	Estimated Replacement (year):				
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100	
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/02/21 14:04:48			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-041	**Structure Name:**	G5-041	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2019/10/13

KM:	62.10	**User km:**	61.10	**Crossing Name:**	Un-named	**Next Inspection Date:**	2022/10/13
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	700		**Outlet Cover (mm):**	1,100	
Footing Type:	Steel Footing		**Gradient (%):**	3.9	
Culvert Length (metres):	15.2	**Opening Height (mm):**	1,524	**Opening Width (mm):**	3,048
UTM Zone:	10	**UTM Easting:**	324059	**UTM Northing:**	6151805
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**		2012	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Good	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-041	Structure Name:	G5-041	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/13

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	GOOD

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2047	**Estimated Replacement (year):**	2047		
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/21 14:07:34		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-020	**Structure Name:**	G5-020	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2019/10/14
KM:	67.50	**User km:**	64.70	**Crossing Name:**	MacLaing Creek	**Next Inspection Date:**	2022/10/14
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	1,000	**Outlet Cover (mm):**	1,000
Footing Type:		**Gradient (%):**	

Culvert Length (metres):	15.0	**Opening Height (mm):**	2,000	**Opening Width (mm):**	2,000
UTM Zone:	10	**UTM Easting:**	320655	**UTM Northing:**	6153181

Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1987
Access:			

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	BIT RUSTY
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-020	Structure Name:	G5-020	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/14

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Not Required	Medium	$ 250.00	BRUSH

MONITORS

#	Description

GENERAL

Inspector's Comment: CULVERTS ARE WORKING FINE, COULD BE BRUSHED OUT

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):	2027	**Estimated Replacement (year):**	
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91
Design Vehicle Config.:			
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/21 14:10:17

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-020	**Structure Name:**	G5-020-2	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2019/10/14

KM:	67.50	**User km:**	64.70	**Crossing Name:**	MacLaing Creek	**Next Inspection Date:**	2022/10/14
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	15.0	**Opening Height (mm):**	2,000	**Opening Width (mm):**	2,000
UTM Zone:	10	**UTM Easting:**	320655	**UTM Northing:**	6153181
Inspector Name:	Dawson SMITH		**Year Superstructure Installed:**	1987	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	SHOWING SOME RUST
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-020	Structure Name:	G5-020-2	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/14

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Not Required	Medium	$ 250.00	BRUSH BOTH SIDES

MONITORS

#	Description

GENERAL

Inspector's Comment:	CULVERT IS IN GOOD SHAPE, SITE COULD BE BRUSHED OUT

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2027	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/21 14:11:32		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-021	**Structure Name:**	G5-021	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2019/10/14

KM:	75.90	**User km:**	76.20	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/10/14
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	25.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	313001	**UTM Northing:**	6158085
Inspector Name:	Dawson SMITH		**Year Superstructure Installed:**	1979	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	FLOOR SHOWS A BIT OF RUST
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	FLOOR SHOWS A BIT OF RUST
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-021	Structure Name:	G5-021	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/14

Overall	Fair	FLOOR SHOWS A BIT OF RUST
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Not Required	Medium	$ 250.00	NEEDS BRUSHED

MONITORS

#	Description

GENERAL

Inspector's Comment: GOOD

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):	2029	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/21 14:31:00		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-021	**Structure Name:**	G5-021-2	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2019/10/14

KM:	75.90	**User km:**	76.20	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/10/14
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	25.0	**Opening Height (mm):**	1,500	**Opening Width (mm):**	1,500
UTM Zone:	10	**UTM Easting:**	313001	**UTM Northing:**	6158085
Inspector Name:	Dawson SMITH		**Year Superstructure Installed:**	1979	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-021	Structure Name:	G5-021-2	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/14

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	0.2
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 250.00	NEEDS BRUSHING

MONITORS

#	Description

GENERAL

Inspector's Comment: WORKING GOOD

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):	2029	**Estimated Replacement (year):**	
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91
Design Vehicle Config.:			
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/09 09:33:03

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-022	**Structure Name:**	G5-022	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2019/10/13
KM:	77.10	**User km:**	78.70	**Crossing Name:**	Bernie Creek	**Next Inspection Date:**	2022/10/13
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	15.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15
UTM Zone:	10	**UTM Easting:**	312866	**UTM Northing:**	6159322		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1996				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	TIMBER FENDERS
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-022	Structure Name:	G5-022	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/13

DECK

Span 1

Concrete Deck	Unrated	THE DECK WAS FROZEN SO COULD NOT SEE POCKETS OR JOINTS
Curb Rail/Blocks/Posts	Good	
Deck Joints	Unrated	THE DECK WAS FROZEN SO COULD NOT SEE POCKETS OR JOINTS
Grout Pockets	Unrated	THE DECK WAS FROZEN SO COULD NOT SEE POCKETS OR JOINTS
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-022	Structure Name:	G5-022	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/13

GENERAL	Inspector's Comment:	BRIDGE IS IN GOOD CONDITION, THE DECK WAS FROZEN SO COULD NOT SEE POCKETS OR JOINTS BUT NO WATER WAS DRIPPING THROUGH, NEW GUARD RAILS
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2036	Estimated Replacement (year):	2036			
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100	
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/03/02 13:46:40			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-023	**Structure Name:**	G5-023	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2021/07/20

KM:	82.80	**User km:**	80.80	**Crossing Name:**	Hudson Bay Creek	**Next Inspection Date:**	2022/09/01
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	15.7	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.7
UTM Zone:	10	**UTM Easting:**	313194	**UTM Northing:**	6163376		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2001				

Access: 82.8 Km Driftwood FSR Bridge has been rebuilt in 2001.

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Fender Condition	Fair	some out of place
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

DECK

Span 1

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-023	Structure Name:	G5-023	Road Name:	DRIFTWOOD	Inspection Date:	2021/07/20

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Fair	showing decay
Deck Joints	Good	
Grout Pockets	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
5	Suggested	Medium	$ 250.00	
7	Suggested	High	$	
8	Suggested	High	$	

MONITORS

#	Description
6	Monitor rot in guardrails and riser blocks

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-023	Structure Name:	G5-023	Road Name:	DRIFTWOOD	Inspection Date:	2021/07/20

GENERAL	**Inspector's Comment:**	No up/down stream pics, did not rate grout pockets, rail & riser rot not clearly identified.
GENERAL	**PEng's Comment:**	

GENERAL							
	Estimated Load Restriction (year):		2051	**Estimated Replacement (year):**			
	Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**		
	Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\GZSOMBOR on 2021/12/02 15:16:42			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-024	**Structure Name:**	G5-024A	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2020/09/03
KM:	92.80	**User km:**	92.80	**Crossing Name:**	Teegee Creek #1	**Next Inspection Date:**	2022/09/03
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Sill -Temporary Materials
Superstructure:	Steel I-beam	**Right**	Sill -Temporary Materials

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	9	**UTM Easting:**	495980	**UTM Northing:**	6163555		
Inspector Name:	Bruce Henderson	**Year Superstructure Installed:**	2019				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Fair	Erosion and loss of material on low chain downstream ballast wall. Fabric not properly installed and approach fill not compacted properly.
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	Minor settlement of hemlock sill logs.
Fill	Fair	Losing fill on low chain side
General Abutment Condition	Fair	Neds repair and additional rip rap to protect abutment slopes.
Hardware	Good	At least 2 deck clips are loose. (high chain)
Piles or Posts	Not Applicable	
Riprap	Fair	Rip Rap is slightly smaller than required and not placed well.
Wing Wall	Not Applicable	

APPROACHES

Alignment	Poor	Blind corners on both approaches.
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	Brushing will improve SSD and improve visibility.
Delineator Missing Left (approaching structure)	1	Both low chain delinators misssing or damagerd
Delineator Missing Right (approaching structure)	1	
Fender Condition	Fair	No post concrete barriers need bull noses installed and one no post chipped and missing concrete

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-024	Structure Name:	G5-024A	Road Name:	DRIFTWOOD	Inspection Date:	2020/09/03

Posted Load Rating (Enter 0 if sign missing)	91	Signs required
Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Fair	Couple loose deck clips ion high chain side.
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	4 deck modules - 12m span
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	5.5
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	Yes	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-024	Structure Name:	G5-024A	Road Name:	DRIFTWOOD	Inspection Date:	2020/09/03

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 100.00	Install delineators on low chain side.
2	Required	Medium	$ 100.00	Repair approach fill and to prevent erosion behind ballast wall low chain side.
3	Required	Medium	$ 100.00	Install reduce speed signs (30km max) both appraches

MONITORS

#	Description
1	Monitor settling of sill logs.

GENERAL

Inspector's Comment:	Structure was installed in 2019 and structurally is in good condition. The approaches and road alignment are poor and have sharp curves entering the bridge. Low chain side is a blind curve and reduce speed signs should be installed. Some erosion of road fill near ballast wall may introduce sediment into stream. Sill log placed over improperly compacted leveling course. Minor settlement observed and should be checked at next inspection.

GENERAL

PEng's Comment:	Will look at this bridge again this summer to determine if there are any issues.

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	L100
Professional Inspection Required?	Yes	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/25 15:33:34		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-025	**Structure Name:**	G5-025	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2019/10/13
KM:	99.80	**User km:**	99.80	**Crossing Name:**	French Creek	**Next Inspection Date:**	2022/10/13
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	24.4	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	24.4
UTM Zone:	9	**UTM Easting:**	491982	**UTM Northing:**	6169310		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	2003				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-025	Structure Name:	G5-025	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/13

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Excellent	
Deck Joints	Good	WHAT I COULD SEE WAS GOOD
Grout Pockets	Unrated	COULD NOT INSPECT GROUT POCKETS DUE TO FROZEN DIRT/ICE
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-025	Structure Name:	G5-025	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/13

GENERAL	Inspector's Comment:	COULD NOT INSPECT GROUT POCKETS DUE TO FROZEN DIRT/ICE, RECENTLY REPLACED GUARD RAILS
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2053	Estimated Replacement (year):				
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100	
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/03/02 13:49:06			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-026	**Structure Name:**	G5-026	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2019/10/13
KM:	106.50	**User km:**	106.50	**Crossing Name:**	Sitlika Creek	**Next Inspection Date:**	2022/10/13
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	15.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15
UTM Zone:	9	**UTM Easting:**	676884	**UTM Northing:**	6178411		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1996				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Fair	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	MISSING 1 FENDER
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-026	Structure Name:	G5-026	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/13

DECK

Span 1

Concrete Deck	Fair	STAINING UNDERNEATH INDICATES WATER DRIPPING THROUGH
Curb Rail/Blocks/Posts	Good	
Deck Joints	Fair	STAINING UNDERNEATH INDICATES WATER DRIPPING THROUGH
Grout Pockets	Unrated	COULDN'T INSPECT DUE TO FROZEN MUD
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	STAINING UNDERNEATH INDICATES WATER DRIPPING THROUGH

SUPERSTRUCTURE

Span 1

Bracing	Good
Diaphrams	Good
Girders	Good
Hardware	Not Applicable
Under Trussing	Not Applicable

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-026	Structure Name:	G5-026	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/13

GENERAL	Inspector's Comment:	NEW GUARD RAILS, DECK WAS PARTIALLY FROZEN SO COULD SEE ALL THE POCKETS OR JOINTS , THERE IS STAINING ON UNDERSIDE INDICATING WATER SEEPING THROUGH
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2036	Estimated Replacement (year):	2036			
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100	
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/03/02 13:52:30			

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-027	**Structure Name:**	G5-027	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2019/10/13
KM:	109.70	**User km:**	109.70	**Crossing Name:**	Bates Creek	**Next Inspection Date:**	2022/10/13
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	18.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	9	**UTM Easting:**	673953	**UTM Northing:**	6179658		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1995				
Access:							

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	WOOD FENDERS SHOWING ROT
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-027	Structure Name:	G5-027	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/13

DECK

Span 1

Concrete Deck	Unrated	COULD NOT SEE POCKETS OR ALL THE DECK JOINT DUE TO FROZEN MUD
Curb Rail/Blocks/Posts	Good	
Deck Joints	Unrated	COULD NOT SEE POCKETS OR ALL THE DECK JOINT DUE TO FROZEN MUD
Grout Pockets	Unrated	COULD NOT SEE POCKETS OR ALL THE DECK JOINT DUE TO FROZEN MUD
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	COULD NOT SEE POCKETS OR ALL THE DECK JOINT DUE TO FROZEN MUD

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-027	Structure Name:	G5-027	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/13

GENERAL	Inspector's Comment:	ALL GOOD, COULD NOT SEE POCKETS OR ALL THE DECK JOINT DUE TO FROZEN MUD HOWEVER THERE IS SOME STAINING ON UNDERSIDE INDICATING LEAKS, NEW GUARD RAILS
GENERAL	PEng's Comment:	

GENERAL							
Estimated Load Restriction (year):	2035	Estimated Replacement (year):					
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:			
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/03/02 13:56:55				

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-045	**Structure Name:**	G5-045	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2019/10/13
KM:	118.50	**User km:**	118.50	**Crossing Name:**	Lion Creek	**Next Inspection Date:**	2022/10/13
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Pile -Permanent Materials
Superstructure:	Steel I-beam	Right	Pile -Permanent Materials

Total Length (metres):	70.4	**# Spans:**	2	**Span Width:**		**Span Length(s) (metres):**	35.2, 35.2
UTM Zone:	9	**UTM Easting:**	666687	**UTM Northing:**	6184285		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1999				
Access:	2 WDr 118.5 Driftwood FSR						

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-045	Structure Name:	G5-045	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/13

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	SOME NEED TO BE REPLACED
Deck Joints	Fair	
Grout Pockets	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.5	**Estimated Present Water Level Width:**	7.0
Estimated High Water Level Clearance:	5.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	REPLACE ROTTEN GUARD RAILS

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-045	Structure Name:	G5-045	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/13

GENERAL	**Inspector's Comment:**	SOME OF THE GUARD RAILS ARE DAMAGED AND SHOULD BE REPLACED
GENERAL	**PEng's Comment:**	Bridge curbs need replacing and deck joints need repaired. If these are not completed soon the bridge could be down-rated.

GENERAL						
Estimated Load Restriction (year):	2049	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/09 09:10:57			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-033	**Structure Name:**	G5-033	**Road Name:**	DRIFTWOOD	**Inspection Date:**	2019/10/13
KM:	140.50	**User km:**	132.00	**Crossing Name:**	Driftwood River #3	**Next Inspection Date:**	2022/10/13
Project File ID #:	7822	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Pile -Permanent Materials
Superstructure:	Steel I-beam	Right	Pile -Permanent Materials

Total Length (metres):	48.0	**# Spans:**	3	**Span Width:**		**Span Length(s) (metres):**	16, 16, 16
UTM Zone:	9	**UTM Easting:**	469970	**UTM Northing:**	6191224		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1993				
Access:							

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	LOG FENDERS ROTTEN
Road Surface	Fair	

DECK

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-033	Structure Name:	G5-033	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/13

Span 1		
Concrete Deck	Fair	
Curb Rail/Blocks/Posts	Fair	
Deck Joints	Fair	NEEDS GROUT
Grout Pockets	Fair	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	NEEDS GUARD RAILS AND GROUT
Running Surface	Fair	

PIERS

Pier 1		
Bearings	Fair	
Bracing or Sheathing	Good	
Caps	Good	
Cribs	Good	
Dolphins	Not Applicable	
Hardware	Not Applicable	
Overall	Fair	
Piles or Posts	Good	
Riprap	Not Applicable	
Wall	Not Applicable	

Pier 2		
Bearings	Fair	
Bracing or Sheathing	Good	
Caps	Good	
Cribs	Good	
Dolphins	Not Applicable	
Hardware	Not Applicable	
Overall	Fair	
Piles or Posts	Good	
Riprap	Not Applicable	

Corporate Bridge Register (CBR)

Disclaimer:
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Site #:	G5-033	Structure Name:	G5-033	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/13

Wall	Not Applicable	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

Span 2

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

Span 3

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	2.0	**Estimated Present Water Level Width:**	10.0
Estimated High Water Level Clearance:	7.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	GROUT DECK JOINTS
2	Required	Medium	$	REPLACE FENDERS
3	Required	Medium	$	REPLACE GUARD RAILS

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-033	Structure Name:	G5-033	Road Name:	DRIFTWOOD	Inspection Date:	2019/10/13

MONITORS

#	Description

GENERAL

Inspector's Comment:	GUARDRAILS AND FENDERS ROTTEN SHOULD BE REPLACED, GROUT POCKETS AND DECK JOINTS SHOULD BE REDONE, BEARINGS ARE FAIR

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2033	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/06 15:36:16		

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-050	**Structure Name:**	G5-050	**Road Name:**	ANKWILL	**Inspection Date:**	2019/10/13
KM:	0.10	**User km:**	6.50	**Crossing Name:**	Blackwater Creek	**Next Inspection Date:**	2022/10/13
Project File ID #:	7822	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	15.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15
UTM Zone:	9	**UTM Easting:**	480998	**UTM Northing:**	6175020		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1994				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	ROTTEN
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-050	Structure Name:	G5-050	Road Name:	ANKWILL	Inspection Date:	2019/10/13

Span 1

Concrete Deck	Unrated	THE MUD/GRAVEL WAS FROZEN SO COULD NOT SEE
Curb Rail/Blocks/Posts	Poor	ROTTEN
Deck Joints	Unrated	THE MUD/GRAVEL WAS FROZEN SO COULD NOT SEE
Grout Pockets	Unrated	THE MUD/GRAVEL WAS FROZEN SO COULD NOT SEE
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	FAIR DIE TO GUARD RAILS
Running Surface	Unrated	THE MUD/GRAVEL WAS FROZEN SO COULD NOT SEE

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	REPLACE GUARD RAILS AND FENDERS

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-050	Structure Name:	G5-050	Road Name:	ANKWILL	Inspection Date:	2019/10/13

GENERAL	**Inspector's Comment:**	GUARD RAILS AND FENDERS ARE ROTTEN AND SHOULD BE REPLACED
GENERAL	**PEng's Comment:**	Curbs need replacing ASAP. Bridge could be down-rated at anytime.

GENERAL						
Estimated Load Restriction (year):	2034	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/27 12:52:16			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-051	**Structure Name:**	G5-051	**Road Name:**	ANKWILL	**Inspection Date:**	2021/07/20

KM:	10.50	**User km:**	17.00	**Crossing Name:**	Ankwill Creek	**Next Inspection Date:**	2021/10/11
Project File ID #:	7822	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Glulam Girder	**Right**	Pile -Permanent Materials

Total Length (metres):	21.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	21

UTM Zone:	9	**UTM Easting:**	487936	**UTM Northing:**	6168009
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1979		

Access: Road washed out at 6 km. No access to bridge site in 2021.

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:			

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment: Ankwill road washed out at approx 6kms, can't access bridge site.

GENERAL

PEng's Comment:

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-051	Structure Name:	G5-051	Road Name:	ANKWILL	Inspection Date:	2021/07/20

GENERAL

Estimated Load Restriction (year):	2024	**Estimated Replacement (year):**			
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\BHENDERS on 2022/01/24 12:43:45		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-028	**Structure Name:**	G5-028	**Road Name:**	SOUTH	**Inspection Date:**	2016/07/02

KM:	114.90	**User km:**	4.90	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2016/07/02
Project File ID #:	7822	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	4,000		**Outlet Cover (mm):**	4,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	24.0	**Opening Height (mm):**	1,000	**Opening Width (mm):**	1,000
UTM Zone:	9	**UTM Easting:**	482089	**UTM Northing:**	6176320
Inspector Name:	Donovan J. A. Melin	**Year Superstructure Installed:**	1991		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	rusting
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	rusting
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-028	Structure Name:	G5-028	Road Name:	SOUTH	Inspection Date:	2016/07/02

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	20.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	Yes	**Aggradation:**	No

Comment: Blocked by beavers, but the pond is empty.

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$ 600.00	Remove beaver dam.

MONITORS

#	Description

GENERAL

Inspector's Comment: The inlet is blocked by beavers still. Culvert is in fair condition - but not very functional due to the plugging.

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):	2031	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2017/02/16 14:11:02		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-029	**Structure Name:**	G5-029	**Road Name:**	SOUTH	**Inspection Date:**	2021/09/21
KM:	6.30	**User km:**	6.30	**Crossing Name:**	Driftwood River #1	**Next Inspection Date:**	2024/09/21
Project File ID #:	7822	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	64.6	**# Spans:**	4	**Span Width:**		**Span Length(s) (metres):**	8.8, 18.4, 18.4, 19
UTM Zone:	9	**UTM Easting:**	669704	**UTM Northing:**	6178886		
Inspector Name:	Kody Pepper	**Year Superstructure Installed:**	1991				

Access:

ABUTMENTS

Bearings	Fair	Both abutment bearings had a slight rotation towards the channel
Bracing	Fair	No issues noted
Ballast Wall	Fair	Right abutment was pressure treated timber and left abutment was creosote timber. Both abutment walls were good during sounding but was notably deflected towards the channel. The tie back piles on the right abutment wall were bearing against the abutment pile bracing and pile cap. Left abutment upstream abutment wall pile was split and deteriorating
Corrosion Protection	Not Applicable	N/A
Caps or Sills	Good	Only the right abutment has a cap beam. Left abutment girders bear directly on piles.
Fill	Fair	Movement in the ballast wall towards the channel on both abutments
Hardware	Not Applicable	N/A
Piles or Posts	Good	2 piles for the left and 4 for the right abutment
Riprap	Fair	Minor rip rap but in adequate condition
Wing Wall	Not Applicable	N/A

APPROACHES

Alignment	Fair	Steep approach on both sides
Bridge Ahead Signs Missing	2	Both approaches are missing bridge ahead sign
Brushing Required	Yes	Brushing required at both approaches
Delineator Missing Left (approaching structure)	0	Both still in place
Delineator Missing Right (approaching structure)	0	Both still in place
Fender Condition	Poor	Approach barrier logs are deteriorated and rotten. 0.95m gap to the bridge and logs are placed on grade.

Corporate Bridge Register (CBR)

Disclaimer:
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Site #:	G5-029	Structure Name:	G5-029	Road Name:	SOUTH	Inspection Date:	2021/09/21

Posted Load Rating (Enter 0 if sign missing)	0	No load rating signs
Road Surface	Poor	Grading required at both approaches

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	Curbs were poor during sounding. Drill samples were very soft with rot and moisture noted.
Deck to Girder Bolts	Poor	Loose curb to tie bolts were noted
Hardware	Not Applicable	N/A
Hand Rails/Walkouts	Not Applicable	N/A
Nails	Fair	No issues noted
Overall Deck Condition	Poor	Replace entire wearing surface and curbs. Monitor subdeck and deck ties for deterioration.
Running Planks	Poor	Wearing surface was noted to be breaking down and in poor condition. Drill samples contained rot and moisture.
Sub Deck	Fair	Some soft sounding spots. Drill samples were dry with no rot
Ties	Fair	Drill samples were good with no rot

Span 2

Curb Rail/Blocks/Posts	Poor	Curbs were poor during sounding. Drill samples were very soft with rot and moisture noted.
Deck to Girder Bolts	Poor	Loose curb to tie bolts were noted
Hardware	Not Applicable	N/A
Hand Rails/Walkouts	Not Applicable	N/A
Nails	Fair	No issues noted
Overall Deck Condition	Poor	Replace entire wearing surface and curbs. Monitor subdeck and deck ties for deterioration.
Running Planks	Poor	Wearing surface was noted to be breaking down and in poor condition. Drill samples contained rot and moisture.
Sub Deck	Fair	Some soft sounding spots. Drill samples were dry with no rot
Ties	Fair	Drill samples were good with no rot

Span 3

Curb Rail/Blocks/Posts	Poor	Curbs were poor during sounding. Drill samples were very soft with rot and moisture noted.
Deck to Girder Bolts	Poor	Loose curb to tie bolts were noted
Hardware	Not Applicable	N/A
Hand Rails/Walkouts	Not Applicable	N/A

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Site #:	G5-029	Structure Name:	G5-029	Road Name:	SOUTH	Inspection Date:	2021/09/21

Nails	Fair	No issues noted
Overall Deck Condition	Poor	Replace entire wearing surface and curbs. Monitor subdeck and deck ties for deterioration.
Running Planks	Poor	Wearing surface was noted to be breaking down and in poor condition. Drill samples contained rot and moisture.
Sub Deck	Fair	Some soft sounding spots. Drill samples were dry with no rot
Ties	Fair	Drill samples were good with no rot. Multiple ties were misaligned or shifted, some cracked
Span 4		
Curb Rail/Blocks/Posts	Poor	Curbs were poor during sounding. Drill samples were very soft with rot and moisture noted.
Deck to Girder Bolts	Poor	Loose curb to tie bolts were noted
Hardware	Not Applicable	N/A
Hand Rails/Walkouts	Not Applicable	N/A
Nails	Fair	No issues noted
Overall Deck Condition	Poor	Replace entire wearing surface and curbs. Monitor subdeck and deck ties for deterioration.
Running Planks	Poor	Wearing surface was noted to be breaking down and in poor condition. Drill samples contained rot and moisture.
Sub Deck	Fair	Some soft sounding spots. Drill samples were dry with no rot
Ties	Fair	Drill samples were good with no rot. Multiple ties were misaligned or shifted, some cracked
PIERS		
Pier 1		
Bearings	Fair	No issues noted. Gusset plate brackets on the right side of each pier to support the next span
Bracing or Sheathing	Good	No issues noted
Caps	Unrated	Girders rest on bearings on the top of the piles
Cribs	Not Applicable	N/A
Dolphins	Not Applicable	N/A
Hardware	Not Applicable	N/A
Overall	Fair	Driftwood and debris must be removed. Piers must be monitored for movement and damage until driftwood is removed.
Piles or Posts	Fair	Adequate condition with no damage noted
Riprap	Not Applicable	N/A
Wall	Not Applicable	N/A

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Site #:	G5-029	Structure Name:	G5-029	Road Name:	SOUTH	Inspection Date:	2021/09/21

Pier 2		
Bearings	Fair	No issues noted. Gusset plate brackets on the right side of each pier to support the next span
Bracing or Sheathing	Good	No issues noted
Caps	Unrated	Girders rest on bearings on the top of the piles
Cribs	Not Applicable	N/A
Dolphins	Not Applicable	N/A
Hardware	Not Applicable	N/A
Overall	Fair	Driftwood and debris must be removed. Piers must be monitored for movement and damage until driftwood is removed.
Piles or Posts	Fair	Significant driftwood and debris against the upstream side
Riprap	Not Applicable	N/A
Wall	Not Applicable	N/A

Pier 3		
Bearings	Fair	No issues noted. Gusset plate brackets on the right side of each pier to support the next span
Bracing or Sheathing	Good	No issues noted
Caps	Unrated	Girders rest on bearings on the top of the piles
Cribs	Not Applicable	N/A
Dolphins	Not Applicable	N/A
Hardware	Not Applicable	N/A
Overall	Fair	Driftwood and debris must be removed. Piers must be monitored for movement and damage until driftwood is removed.
Piles or Posts	Fair	Upstream pile has a dent near the bracket connection, Approximately 1300mm down from the bearing and 19mm inwards. Significant amount of driftwood and debris against the upstream pile
Riprap	Not Applicable	N/A
Wall	Not Applicable	N/A

SUPERSTRUCTURE

Span 1		
Bracing	Good	No issues noted
Diaphrams	Good	No issues noted
Girders	Good	Light surface rust and minor debris/moss growth.
Hardware	Not Applicable	N/A

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Site #:	G5-029	Structure Name:	G5-029	Road Name:	SOUTH	Inspection Date:	2021/09/21

Under Trussing	Not Applicable	N/A
Span 2		
Bracing	Good	No issues noted
Diaphrams	Good	No issues noted
Girders	Good	Light surface rust and minor debris/moss growth.
Hardware	Not Applicable	N/A
Under Trussing	Not Applicable	N/A
Span 3		
Bracing	Good	No issues noted
Diaphrams	Good	No issues noted
Girders	Good	Light surface rust and minor debris/moss growth.
Hardware	Not Applicable	N/A
Under Trussing	Not Applicable	N/A
Span 4		
Bracing	Good	No issues noted
Diaphrams	Good	No issues noted
Girders	Good	Light surface rust and minor debris/moss growth.
Hardware	Not Applicable	N/A
Under Trussing	Not Applicable	N/A

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	4.9		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	Yes	**Aggradation:**	No
Comment:	Present water clearance was 6.9m. Significant amount of driftwood and debris accumulation upstream of the bridge. Driftwood is bearing on piers 2 and 3 and should be removed immediately. Smaller amounts of rip rap, natural vegetation, to be monitored for erosion								

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-029	Structure Name:	G5-029	Road Name:	SOUTH	Inspection Date:	2021/09/21

REPAIRS

#	Status	Priority	Estimate	Description
15	Required	High	$ 0.00	Remove driftwood and debris from the upstream channel
16	Required	High	$ 0.00	Install 30 tonne GVW load rating signs
17	Required	High	$ 0.00	Replace entire wearing surface
18	Required	High	$ 0.00	Replace curbs
19	Required	Medium	$ 0.00	Replace approach barriers
20	Required	Medium	$ 0.00	Install bridge ahead signs on both approaches
21	Required	Medium	$ 0.00	Grade approaches
22	Required	Medium	$ 0.00	Brush approaches

MONITORS

#	Description
5	Monitor movement of abutment walls
6	Monitor piers for lateral/longitudinal movement and damage
7	Monitor abutment bearings for further movement
8	Monitor banks for erosion

GENERAL

Inspector's Comment: This bridge is in immediate need for removal of the driftwood and debris in the upstream portion of the channel; this must be completed before any heavy truck traffic usage and we recommend that the bridge be posted with 30 tonne GVW signs until the driftwood is removed. The wearing surface and the curbs were in poor condition and must be replaced. The barriers were also in poor condition and located too far from the ends of the bridge. The abutments were noted to be leaning towards the channel and the right abutment wall was bearing against the abutment pile cap and bracing system. The bearings at the abutments should be monitored for further movement or rotation. Access to the bridge was also poor, so grading of the road leading into the bridge is recommended. For further details, see the 2021 Close Proximity Inspection Report.

Concern with debris build up, running surface and curbs. DA.

GENERAL

PEng's Comment: Some debris and driftwood was removed in 2020 and continues to be an ongoing issue. Load rating is to remain at 30 tonnes and may be downrated further if significant movement of piers, bearings or abutments are observed. Consider removing bridge. BH

GENERAL

Estimated Load Restriction (year):	2031	**Estimated Replacement (year):**			
Current Inspection Load Rating:	30	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/20 15:49:32		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-032	**Structure Name:**	G5-032	**Road Name:**	SOUTH	**Inspection Date:**	2021/07/20
KM:	20.20	**User km:**	20.20	**Crossing Name:**	Driftwood River #2	**Next Inspection Date:**	2024/07/20
Project File ID #:	7822	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Glulam Girder	**Right**	Pile -Permanent Materials

Total Length (metres):	51.0	**# Spans:**	3	**Span Width:**		**Span Length(s) (metres):**	13.5, 24, 13.5
UTM Zone:	9	**UTM Easting:**	473708	**UTM Northing:**	6184385		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1977				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	
Fill	Good	
Hardware	Fair	
Piles or Posts	Fair	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	Brushing required both approaches.
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	Post load rating 0 tonnes
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-032	Structure Name:	G5-032	Road Name:	SOUTH	Inspection Date:	2021/07/20

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	significant decay
Deck to Girder Bolts	Not Applicable	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Poor	significant decay
Running Planks	Poor	significant decay
Sub Deck	Fair	
Ties	Fair	

PIERS

Pier 1

Bearings	Not Applicable	
Bracing or Sheathing	Fair	
Caps	Fair	
Cribs	Fair	
Dolphins	Fair	
Hardware	Fair	
Overall	Fair	
Piles or Posts	Fair	
Riprap	Not Applicable	
Wall	Fair	

Pier 2

Bearings	Not Applicable	
Bracing or Sheathing	Fair	
Caps	Fair	
Cribs	Fair	
Dolphins	Fair	
Hardware	Fair	
Overall	Fair	

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-032	Structure Name:	G5-032	Road Name:	SOUTH	Inspection Date:	2021/07/20

Piles or Posts	Fair	
Riprap	Not Applicable	
Wall	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Fair	
Diaphrams	Fair	
Girders	Fair	
Hardware	Fair	
Under Trussing	Not Applicable	

Span 2

Bracing	Fair	
Diaphrams	Fair	
Girders	Fair	
Hardware	Fair	
Under Trussing	Fair	

Span 3

Bracing	Fair	
Diaphrams	Fair	
Girders	Fair	
Hardware	Fair	
Under Trussing	Fair	

CHANNEL

Estimated Present Water Level Depth:	3.0	**Estimated Present Water Level Width:**	20.0
Estimated High Water Level Clearance:	5.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-032	Structure Name:	G5-032	Road Name:	SOUTH	Inspection Date:	2021/07/20

REPAIRS

#	Status	Priority	Estimate	Description
17	Required	High		Replace curbs and risers.
18	Required	High		Replace decking and running planks.
19	Required	Medium		Install bridge ahead signs
20	Required	Medium		Install delineators as required.
22	Required	Medium		Brushing required both approaches

MONITORS

#	Description

GENERAL

Inspector's Comment:	Not a great inspection but captured the critical issues. Structure should be load restricted and closed. GZ

GENERAL

PEng's Comment:	Significant wear to running deck and curbs deteriorating. Replace all decking and curbs. Bridge is down rated to 0 tonnes. BH

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	0	**Design Load GVW (tonnes):**	113	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/01/24 11:16:33		

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-030	**Structure Name:**	G5-030	**Road Name:**	SOUTH	**Inspection Date:**	2010/08/18

KM:	122.20	**User km:**	122.20	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2016/08/16
Project File ID #:	7822	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Steel (non-corrugated)	
Inlet Cover (mm):	1,200		**Outlet Cover (mm):**	1,200	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	25.0	**Opening Height (mm):**	1,200	**Opening Width (mm):**	1,200
UTM Zone:	9	**UTM Easting:**	477075	**UTM Northing:**	6178863
Inspector Name:	wwilkinson	**Year Superstructure Installed:**		1977	

Access: Structure removed as per 2016 inspection-SRW

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	Not Required
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	Not Required
Delineator Missing Right (approaching structure)	2	Not Required
Fender Condition	None	
Road Surface	Poor	Wilderness level , no through road

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Poor	See Photos Left culvert in poor condition right culvert in better condition
Coating	Poor	See Photos Left culvert in poor condition right culvert in better condition
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Poor	See Photos Left culvert in poor condition right culvert in better condition
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Fair	Perched

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-030	Structure Name:	G5-030	Road Name:	SOUTH	Inspection Date:	2010/08/18

Overall	Poor	See Photos Left culvert in poor condition right culvert in better condition
Riprap	Not Applicable	
Roof	Poor	See Photos Left culvert in poor condition right culvert in better condition
Side Walls	Poor	See Photos Left culvert in poor condition right culvert in better condition
Trash Rack	Poor	Posts rotting See Photos
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	5.0	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment: Bridge removed 3 km up road

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$ 0.00	Remove Culverts

MONITORS

#	Description

GENERAL

Inspector's Comment: Left culvert in poor condition, bridge has been pulled on road system 3km up chain from culverts - last inspection of culverts 2001 when bridge removed. Suggest pulling culverts and deactivate road past culvert if/when activities are finished past this point.

Field inspection may not be required by engineer. please have engineer make decision for field visit based on photos and information provided.
- Recommend down-rating culverts to 30 tonnes - M.D.

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):	2017	**Estimated Replacement (year):**	
Current Inspection Load Rating:	30	**Design Load GVW (tonnes):**	91
Design Vehicle Config.:			
Professional Inspection Required?	Yes	**Report Status:**	Accepted By Jason Olmsted on 2015/11/25 11:15:36

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-055	**Structure Name:**	G5-916	**Road Name:**	NESABUT	**Inspection Date:**	2021/07/21
KM:	0.60	**User km:**	0.60	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2023/07/21
Project File ID #:	7822	**Br.**	06	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Log or Untreated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	6.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	6.3
UTM Zone:	10	**UTM Easting:**	351948	**UTM Northing:**	6129818		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1995				

Access: Access at 23.3 kilometer on Driftwood FSR.

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	showing rot
Fill	Good	
Hardware	Not Applicable	
Log/Timber Cribs	Poor	showing rot
Piles or Posts	Not Applicable	
Riprap	Good	
Tie-backs	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-055	Structure Name:	G5-916	Road Name:	NESABUT	Inspection Date:	2021/07/21

Posted Load Rating (Enter 0 if sign missing)	5	(not posted at 0 Tonnes.GZ)
Road Surface	Poor	road has been deactvated approx. 500m from site however can be passed with a 4x4

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	showing decay
Deck to Girder Bolts	Not Applicable	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Poor	rotten
Running Planks	Poor	rotten
Sub Deck	Fair	
Ties	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Fair	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	0.1
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:	Road is deactivated (but passable) approx. 500 meter from bridge, bridge deck is rotten								

REPAIRS

#	Status	Priority	Estimate	Description
12	Required	High	$	or deactivate

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-055	Structure Name:	G5-916	Road Name:	NESABUT	Inspection Date:	2021/07/21

MONITORS

#	Description

GENERAL

Inspector's Comment:	road has been deactvated approx. 500m from site however can be passed with a 4x4

GENERAL

PEng's Comment:	Bridge is closed and should be barricaded or deactivated. BH

GENERAL

Estimated Load Restriction (year):	2005	**Estimated Replacement (year):**	2013		
Current Inspection Load Rating:	0	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/04 13:11:39		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-056	**Structure Name:**	G5-056	**Road Name:**	NESABUT	**Inspection Date:**	2020/09/17

KM:	3.10	**User km:**	3.10	**Crossing Name:**	Unnamed Creek	**Next Inspection Date:**	2023/09/17
Project File ID #:	7822	**Br.**	06	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,200	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	20.0	**Opening Height (mm):**	1,200	**Opening Width (mm):**	1,200
UTM Zone:	10	**UTM Easting:**	350360	**UTM Northing:**	6129803
Inspector Name:	Vince Sewell	**Year Superstructure Installed:**	1999		
Access:	Minor culvert				

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Poor	wilderness, not drivable

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	rust on floor
Embedment Materials	Not Applicable	
Fill	Good	1.5m
Floor	Good	rust
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-056	Structure Name:	G5-056	Road Name:	NESABUT	Inspection Date:	2020/09/17

Inlet	Good	
Outlet	Poor	15cm perched
Overall	Fair	
Riprap	Fair	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.6
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Not a major structure. DNI. this is now part of the district's road inspection

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-056	Structure Name:	G5-056	Road Name:	NESABUT	Inspection Date:	2020/09/17

GENERAL

Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/02/25 15:37:07		

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-242	**Structure Name:**	G5-990	**Road Name:**	AIRLINE EAST	**Inspection Date:**	2020/07/23

KM:	1.39	**User km:**	1.39	**Crossing Name:**	Unnamed	**Next Inspection Date:**	2023/09/01
Project File ID #:	7822	**Br.**	10	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Other
Superstructure:	Steel I-beam	**Right**	Other

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	374460	**UTM Northing:**	6115760		
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	2012				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	
Fill	Poor	Soils loose, likely uncompacted
General Abutment Condition	Poor	require P.Eng. inspection
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Poor	Wire forms not connected, forms tied back with cable, top row has no intermediate fabric layer

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-242	Structure Name:	G5-990	Road Name:	AIRLINE EAST	Inspection Date:	2020/07/23

Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	2.9		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	Reconstruction of abutments may be required. P.Eng to inspect and confirm.

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-242	Structure Name:	G5-990	Road Name:	AIRLINE EAST	Inspection Date:	2020/07/23

MONITORS

#	Description
1	Monitor abutments for settlement and rotation

GENERAL

Inspector's Comment:	Sketchy GRS construction, not constructed to typical GRS standards, compaction of soils is suspect. Requires P.Eng. inspection and load rating.

GENERAL

PEng's Comment:	Bridge is to be posted at 30 tonnes until bridge certification is submitted and need to also inspect the GRS abutments this summer to see if those are an issue

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	30	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/19 12:42:57		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-243	**Structure Name:**	G5-991	**Road Name:**	AIRLINE EAST	**Inspection Date:**	2020/07/23

KM:	2.36	**User km:**	2.36	**Crossing Name:**	Unnamed	**Next Inspection Date:**	2023/09/01
Project File ID #:	7822	**Br.**	10	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Other
Superstructure:	Steel I-beam	**Right**	Other

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	375322	**UTM Northing:**	6116169		
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	2012				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Fair	
General Abutment Condition	Fair	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Fair	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-243	Structure Name:	G5-991	Road Name:	AIRLINE EAST	Inspection Date:	2020/07/23

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	one riser damaged but solid
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Fair	Excessive wear on town side
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	2.3		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-243	Structure Name:	G5-991	Road Name:	AIRLINE EAST	Inspection Date:	2020/07/23

GENERAL	**Inspector's Comment:**	Stream channel heavily brushed in
GENERAL	**PEng's Comment:**	Bridge appears ok. Post bridge at 30 tonnes until we receive certification package indicating what this crossing was designed for. We will also take a look at the GRS abutments this summer

GENERAL						
Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**				
Current Inspection Load Rating:	30	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/19 12:59:12			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-340	**Structure Name:**	G5-922	**Road Name:**	AIRLINE EAST	**Inspection Date:**	2020/09/23
KM:	3.98	**User km:**	3.98	**Crossing Name:**	Unnamed Creek	**Next Inspection Date:**	2022/09/23
Project File ID #:	7822	**Br.**	10	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Log or Untreated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	376924	**UTM Northing:**	6116517		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2009				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Poor	logs, rot found, top log is broken on both sides
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	logs, rot found outsid bride covering
Fill	Good	
Hardware	Good	
Log/Timber Cribs	Fair	logs, rot found outsid bride covering
Piles or Posts	Not Applicable	
Riprap	Good	
Tie-backs	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	Hill
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	no nose cones

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-340	Structure Name:	G5-922	Road Name:	AIRLINE EAST	Inspection Date:	2020/09/23

Posted Load Rating (Enter 0 if sign missing)	75	
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Not Applicable	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-340	Structure Name:	G5-922	Road Name:	AIRLINE EAST	Inspection Date:	2020/09/23

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	looks ok

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/04 14:18:03		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-341	**Structure Name:**	G5-917	**Road Name:**	AIRLINE EAST	**Inspection Date:**	2020/09/23

KM:	5.26	**User km:**	5.26	**Crossing Name:**	Unnamed	**Next Inspection Date:**	2022/09/23
Project File ID #:	7822	**Br.**	10	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Log or Untreated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	9.1	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9.1
UTM Zone:	10			**UTM Easting:**	378073	**UTM Northing:**	6117043
Inspector Name:	Warren Wilkinson			**Year Superstructure Installed:**		2014	

Access:

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Fair	log with rot and fungus
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	log with rot and fungus
Fill	Good	
Hardware	Good	
Log/Timber Cribs	Fair	some rot and fungus
Piles or Posts	Not Applicable	
Riprap	Good	
Tie-backs	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	repaired by inspector
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-341	Structure Name:	G5-917	Road Name:	AIRLINE EAST	Inspection Date:	2020/09/23

Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	several broken
Deck to Girder Bolts	Good	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Not Applicable	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	bent members
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
2	Required	Medium		Fix damaged curbs

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-341	Structure Name:	G5-917	Road Name:	AIRLINE EAST	Inspection Date:	2020/09/23

MONITORS

#	Description
1	Sills for rot
2	Ballast wall for rot

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	bridge curbs will need to be repaired soon or else the bridge could be down-rated

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/04 15:13:19		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-342	**Structure Name:**	G5-920	**Road Name:**	AIRLINE EAST	**Inspection Date:**	2020/09/23

KM:	5.75	**User km:**	5.75	**Crossing Name:**	Unnamed	**Next Inspection Date:**	2022/09/23
Project File ID #:	7822	**Br.**	10	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Log or Untreated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	12.1	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.1
UTM Zone:	10			**UTM Easting:**	378387	**UTM Northing:**	6117311
Inspector Name:	Warren Wilkinson			**Year Superstructure Installed:**			
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Fair	Logs unpealed, some fungus growing
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	Logs unpealed, some fungus growing
Fill	Good	
Hardware	Good	
Log/Timber Cribs	Fair	Logs unpealed, some fungus growing
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Tie-backs	Unrated	not found \ seen
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-342	Structure Name:	G5-920	Road Name:	AIRLINE EAST	Inspection Date:	2020/09/23

Posted Load Rating (Enter 0 if sign missing)	75	
Road Surface	Fair	wilderness

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	required
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Not Applicable	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-342	Structure Name:	G5-920	Road Name:	AIRLINE EAST	Inspection Date:	2020/09/23

MONITORS

#	Description
1	all log components for rot

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	looks ok

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/04 14:23:56		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-430	**Structure Name:**	G5-430A	**Road Name:**	TANIZUL	**Inspection Date:**	2016/06/28

KM:	9.00	**User km:**	9.00	**Crossing Name:**	Tachie River	**Next Inspection Date:**	2022/06/01
Project File ID #:	7873	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments** (looking downstream) **Left**	Concrete Cast in Place
Superstructure:	Steel I-beam	**Right**	Concrete Cast in Place

Total Length (metres):	134.	**# Spans:**	4	**Span Width:**		**Span Length(s) (metres):**	27, 40, 40, 27

UTM Zone:	10	**UTM Easting:**	384117	**UTM Northing:**	6063048

Inspector Name:	Donovan J. A. Melin	**Year Superstructure Installed:**	2010

Access:

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Cast in Place	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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Site #:	G5-430	Structure Name:	G5-430A	Road Name:	TANIZUL	Inspection Date:	2016/06/28

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Excellent	HSS
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

Span 2

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Excellent	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

Span 3

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Excellent	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

Span 4

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Excellent	

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Site #:	G5-430	Structure Name:	G5-430A	Road Name:	TANIZUL	Inspection Date:	2016/06/28

Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

PIERS

Pier 1

Bearings	Good	
Bracing or Sheathing	Good	
Caps	Good	
Cribs	Not Applicable	
Dolphins	Good	
Hardware	Good	
Overall	Good	
Piles or Posts	Good	
Riprap	Not Applicable	
Wall	Not Applicable	

Pier 2

Bearings	Good	
Bracing or Sheathing	Good	
Caps	Good	
Cribs	Not Applicable	
Dolphins	Good	
Hardware	Good	
Overall	Good	
Piles or Posts	Good	
Riprap	Not Applicable	
Wall	Not Applicable	

Pier 3

Bearings	Good	

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Site #:	G5-430	Structure Name:	G5-430A	Road Name:	TANIZUL	Inspection Date:	2016/06/28

Bracing or Sheathing	Good	
Caps	Good	
Cribs	Not Applicable	
Dolphins	Good	
Hardware	Good	
Overall	Good	
Piles or Posts	Good	
Riprap	Not Applicable	
Wall	Not Applicable	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

Span 2

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

Span 3

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

Span 4

Bracing	Good	
Diaphrams	Good	

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-430	Structure Name:	G5-430A	Road Name:	TANIZUL	Inspection Date:	2016/06/28

Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	5.0	**Estimated Present Water Level Width:**	50.0
Estimated High Water Level Clearance:	8.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 500.00	Delineator turning apparatuses are not turning properly and need repairs.

MONITORS

#	Description

GENERAL

Inspector's Comment:	Bridge is in good condition. First inspection since bridge replacement. Structure in good condition. MD

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2050	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2017/04/27 13:12:48		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-430	**Structure Name:**	G5-430	**Road Name:**	TANIZUL	**Inspection Date:**	2019/10/03
KM:	9.00	**User km:**	9.00	**Crossing Name:**	Tachie River	**Next Inspection Date:**	2022/09/01
Project File ID #:	7873	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments** (looking downstream) **Left**	Concrete Precast
Superstructure:	Steel I-beam	**Right**	Concrete Precast

Total Length (metres):	134.	**# Spans:**	4	**Span Width:**		**Span Length(s) (metres):**	27, 40, 40, 27
UTM Zone:	10	**UTM Easting:**	384117	**UTM Northing:**	6063048		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	2010				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Concrete Precast	Good	
Corrosion Protection	Not Applicable	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Good	
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-430	Structure Name:	G5-430	Road Name:	TANIZUL	Inspection Date:	2019/10/03

Span 1		
Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

PIERS

Pier 1		
Bearings	Good	
Bracing or Sheathing	Good	
Caps	Good	
Cribs	Good	
Dolphins	Not Applicable	
Hardware	Not Applicable	
Overall	Good	
Piles or Posts	Good	
Riprap	Not Applicable	
Wall	Good	

Pier 2		
Bearings	Good	
Bracing or Sheathing	Good	
Caps	Good	
Cribs	Good	
Dolphins	Not Applicable	
Hardware	Not Applicable	
Overall	Good	
Piles or Posts	Good	
Riprap	Not Applicable	

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Site #:	G5-430	Structure Name:	G5-430	Road Name:	TANIZUL	Inspection Date:	2019/10/03

Wall	Good	
Pier 3		
Bearings	Good	
Bracing or Sheathing	Good	
Caps	Good	
Cribs	Good	
Dolphins	Not Applicable	
Hardware	Not Applicable	
Overall	Good	
Piles or Posts	Good	
Riprap	Not Applicable	
Wall	Good	
SUPERSTRUCTURE		
Span 1		
Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	
Span 2		
Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	
Span 3		
Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-430	Structure Name:	G5-430	Road Name:	TANIZUL	Inspection Date:	2019/10/03

Span 4

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	20.0	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	10.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Suggested	Medium	$ 250.00	INSTALL LOAD RATING SIGN

MONITORS

#	Description

GENERAL

Inspector's Comment: GOOD , NO WEIGHT RATING

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):		2060	**Estimated Replacement (year):**		
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\JOLMSTED on 2020/03/12 12:27:01		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-431	**Structure Name:**	G5-431	**Road Name:**	TANIZUL	**Inspection Date:**	2021/07/20

KM:	18.00	**User km:**	18.00	**Crossing Name:**	Tarnezell Creek	**Next Inspection Date:**	2022/07/01
Project File ID #:	7873	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	5,000		**Outlet Cover (mm):**	5,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	37.0	**Opening Height (mm):**	2,400	**Opening Width (mm):**	2,400
UTM Zone:	10	**UTM Easting:**	376049	**UTM Northing:**	6064715
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**		1983	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	monitor rust
Footing	Not Applicable	
Head Wall	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-431	Structure Name:	G5-431	Road Name:	TANIZUL	Inspection Date:	2021/07/20

Inlet	Good	
Outlet	Fair	damage to roof at outlet end
Overall	Fair	
Riprap	Good	
Roof	Fair	damage to roof at outlet end
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.1
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	No bolted connections, no headwalls, no information on monitoring items, no pics up& downstream. GZ

GENERAL

PEng's Comment:	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-431	Structure Name:	G5-431	Road Name:	TANIZUL	Inspection Date:	2021/07/20

GENERAL

Estimated Load Restriction (year):	2023	**Estimated Replacement (year):**			
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\GZSOMBOR on 2022/01/06 07:28:26		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-432	**Structure Name:**	G5-432	**Road Name:**	TANIZUL	**Inspection Date:**	2000/08/31
KM:	22.90	**User km:**	22.90	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2030/01/01
Project File ID #:	7873	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	3,500		**Outlet Cover (mm):**	3,500	
Footing Type:			**Gradient (%):**	6.0	
Culvert Length (metres):	24.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	371460	**UTM Northing:**	6068517
Inspector Name:	Brent Case	**Year Superstructure Installed:**	1982		

Access: coordinates from LRM. GZ

Minor culvert 1800

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Riprap	Good	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-432	Structure Name:	G5-432	Road Name:	TANIZUL	Inspection Date:	2000/08/31

CHANNEL

Estimated Present Water Level Depth:		Estimated Present Water Level Width:	
Estimated High Water Level Clearance:	0.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	nullCulvert: 4-7) Minor deformations, but solid..

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2032	Estimated Replacement (year):	
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	
Professional Inspection Required?	No	Report Status:	Accepted By IDIR\RMGETZLA on 2012/04/12 08:54:44		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-433	**Structure Name:**	G5-433	**Road Name:**	TANIZUL	**Inspection Date:**	2021/07/20
KM:	25.00	**User km:**	25.00	**Crossing Name:**	West Tarnezell Creek	**Next Inspection Date:**	2022/07/01
Project File ID #:	7873	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	15.6	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15
UTM Zone:	10	**UTM Easting:**	371095	**UTM Northing:**	6069147		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1993				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	recently brushed
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-433	Structure Name:	G5-433	Road Name:	TANIZUL	Inspection Date:	2021/07/20

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Fair	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
8	Suggested	Medium	$	
9	Suggested	Medium	$ 500.00	

MONITORS

#	Description
9	monitor beaver activity

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-433	Structure Name:	G5-433	Road Name:	TANIZUL	Inspection Date:	2021/07/20

GENERAL	**Inspector's Comment:**	Did not monitor bearings, deck/ballast wall connection label as deck joint, missing pics. GZ
GENERAL	**PEng's Comment:**	

GENERAL						
Estimated Load Restriction (year):	2033	**Estimated Replacement (year):**				
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\GZSOMBOR on 2022/01/06 07:45:32			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-434	**Structure Name:**	G5-434	**Road Name:**	TANIZUL	**Inspection Date:**	2019/10/03
KM:	31.70	**User km:**	31.70	**Crossing Name:**	Tarnezell Creek	**Next Inspection Date:**	2022/10/03
Project File ID #:	7873	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Pile -Permanent Materials
Superstructure:	Steel I-beam	Right	Pile -Permanent Materials

Total Length (metres):	17.9	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	17.9
UTM Zone:	10	**UTM Easting:**	369354	**UTM Northing:**	6075265		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1999				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Fill	Poor	FILL HAS FAILED ON DOWN SIDE
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Good	
Road Surface	Poor	FILL HAS FAILED ON DOWN SIDE

DECK

Span 1

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-434	Structure Name:	G5-434	Road Name:	TANIZUL	Inspection Date:	2019/10/03

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	GUARDRAILS ROTTEN
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	2.0	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	FILL AND GRADE DOWN SIDE APPROACH
2	Required	Medium	$ 500.00	INSTALL DELINEATORS AND BRIDGE SIGNS
3	Required	High	$	REPLACE GUARD RAILS

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-434	Structure Name:	G5-434	Road Name:	TANIZUL	Inspection Date:	2019/10/03

GENERAL	**Inspector's Comment:**	GUARDRAILS REQUIRE REPLACEMENT, FILL HAS SLOUGHED AWAY FROM WINGWALL ON UPSTREAM SIDE, RIGHT SIDE APPROACH WHEN FACING DOWNSTREAM.
GENERAL	**PEng's Comment:**	Bridge to be posted at5 tonnes until the curbs are replaced and other outstanding items are addressed

GENERAL						
Estimated Load Restriction (year):	2049	**Estimated Replacement (year):**				
Current Inspection Load Rating:	5	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/04 15:41:12			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-513	**Structure Name:**	G5-912	**Road Name:**	ONJO	**Inspection Date:**	2019/09/11
KM:	12.00	**User km:**	0.00	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/09/11
Project File ID #:	8280	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Concrete Precast
Superstructure:	Steel I-beam	Right	Concrete Precast

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	410710	**UTM Northing:**	6101467		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	1997				

Access: At 72km North Road (hwy 27 N), turn onto Witch FSR. Go to 12.5km.

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Precast	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	ROTTEN AND MISSING
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-513	Structure Name:	G5-912	Road Name:	ONJO	Inspection Date:	2019/09/11

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Fair	MINOR ROT
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$	REPLACE FENDERS
2	Required	Low	$ 500.00	INSTALL 2 DELINEATORS AND BRIDGE SIGNS

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-513	Structure Name:	G5-912	Road Name:	ONJO	Inspection Date:	2019/09/11

MONITORS

#	Description

GENERAL

Inspector's Comment:	NO DOWNSTREAM SIDE DELINIATERS OR BRIDGE SIGNS, LOG FENDERS ROTTEN , DECK FAIR

GENERAL

PEng's Comment:	Curbs will need replacing soon

GENERAL

Estimated Load Restriction (year):		2025	**Estimated Replacement (year):**		
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/07 14:09:10		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-512	**Structure Name:**	G5-512	**Road Name:**	ONJO	**Inspection Date:**	2021/09/22

KM:	10.00	**User km:**	10.00	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/09/22
Project File ID #:	8280	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Glulam Girder	**Right**	Concrete Lock Blocks

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	412592	**UTM Northing:**	6101064		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1997				

Access: Turn onto the Witch FSR at 72km North Road (hwy 27N). 11km on witch FSR.

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Poor	log fenders, most missing
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-512	Structure Name:	G5-512	Road Name:	ONJO	Inspection Date:	2021/09/22

Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Poor	significant decay, especially on approach ends, nails exposed , see pics
Overall Deck Condition	Poor	significant decay, especially on approach ends, nails exposed , see pics
Running Planks	Not Applicable	(Rate as POOR. GZ)
Sub Deck	Poor	significant decay, especially on approach ends, nails exposed , see pics (N/A. GZ)
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Unrated	glulam beams (rate as Good. GZ)
Girders	Good	glulam beams
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
6	Required	High		Replace worn deck.
7	Required	High	$ 0.00	Install Approach fenders
8	Required	Medium	$	Install bridge ahead signs
9	Required	High		Install missing delineators

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-512	Structure Name:	G5-512	Road Name:	ONJO	Inspection Date:	2021/09/22

MONITORS

#	Description

GENERAL

Inspector's Comment:	Running deck decay, nails exposed, needs fenders Consider load restriction to flag repair items. GZ

GENERAL

PEng's Comment:	Downrated to 30 tonnes due to condition of deck. JDS

GENERAL

Estimated Load Restriction (year):	2028	**Estimated Replacement (year):**			
Current Inspection Load Rating:	30	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jordan Smith on 2022/02/28 14:31:18		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-510	**Structure Name:**	G5-510	**Road Name:**	ONJO NORTH	**Inspection Date:**	2020/09/02
KM:	0.60	**User km:**	0.60	**Crossing Name:**	Wittsichica Creek	**Next Inspection Date:**	2023/09/02
Project File ID #:	8280	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** Left	Concrete Lock Blocks
Superstructure:	Steel Truss/Bailey/Acrow	Right	Concrete Lock Blocks

Total Length (metres):	15.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	416349	**UTM Northing:**	6100762		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1996				
Access:	Road is located at km 6.0 of Witch FSR.						

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Poor	Spruce logs 8" rotting
Concrete Lock Blocks	Good	
Corrosion Protection	Good	Galvanived
Caps or Sills	Good	sill
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	hill
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	75	

Corporate Bridge Register (CBR)

Disclaimer:
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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-510	Structure Name:	G5-510	Road Name:	ONJO NORTH	Inspection Date:	2020/09/02

Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Fair	missing 2 retaining C clipps La2 pannals upchain
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Fair	some damage, bent.

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
9	Required	High	$ 500.00	install 2 missing C Rings upper railing

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-510	Structure Name:	G5-510	Road Name:	ONJO NORTH	Inspection Date:	2020/09/02

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Make sure to install missing hardware

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	64	**Design Load GVW (tonnes):**	64	**Design Vehicle Config.:**	BCL62
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/02 13:04:08		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-511	**Structure Name:**	G5-973	**Road Name:**	ONJO NORTH	**Inspection Date:**	2020/09/02
KM:	2.10	**User km:**	2.10	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2023/09/02
Project File ID #:	8280	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15
UTM Zone:	10	**UTM Easting:**	417044	**UTM Northing:**	6101895		
Inspector Name:	Warren Wilkinson, Scott	**Year Superstructure Installed:**	2008				

Access: Road turns north at km 6.0 of Witch FSR
Acrow panel is not in place it has been replaced by BCTS with G5-973 a 15 meter steel and timber portable bridge

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Poor	unpeeled spruce Logs 8", rotting
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Fair	not much
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-511	Structure Name:	G5-973	Road Name:	ONJO NORTH	Inspection Date:	2020/09/02

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	Rot, replace curbs
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Good	
Sub Deck	Good	minor fungus on bottom
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
4	Required	Medium		Replace curbs

MONITORS

#	Description
2	Monitor ballast wall for rot

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-511	Structure Name:	G5-973	Road Name:	ONJO NORTH	Inspection Date:	2020/09/02

GENERAL	**Inspector's Comment:**	Inspection supervised by Warren Wilkinson
GENERAL	**PEng's Comment:**	Curbs need replacing soon or the bridge will be down-rated

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	64	**Design Load GVW (tonnes):**	64	**Design Vehicle Config.:**	BCL62
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/04 14:30:58		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-518	**Structure Name:**	G5-950	**Road Name:**	TIA	**Inspection Date:**	2020/09/02

KM:	2.10	**User km:**	2.20	**Crossing Name:**	Unnamed Crossing	**Next Inspection Date:**	2023/09/02
Project File ID #:	8280	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	418637	**UTM Northing:**	6101591		
Inspector Name:	Warren Wilkinons	**Year Superstructure Installed:**	2008				
Access:							

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Fair	pushing out in the middle when \ where two boards butt join
Concrete Lock Blocks	Poor	right side has shifted, toed out
Corrosion Protection	Not Applicable	
Caps or Sills	Good	2 boards pinned together to make up each sill
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Poor	corners both sides
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Road Surface	Poor	wilderness

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-518	Structure Name:	G5-950	Road Name:	TIA	Inspection Date:	2020/09/02

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Poor	due to rot and hole
Running Planks	Not Applicable	
Sub Deck	Poor	holes and wear
Ties	Poor	found rot in ends

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	0.6		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
5	Required	High		Replace deck

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-518	Structure Name:	G5-950	Road Name:	TIA	Inspection Date:	2020/09/02

GENERAL	**Inspector's Comment:**	
GENERAL	**PEng's Comment:**	bridge deck needs to be replaced and any other outstanding issues. Bridge to be posted at 30 tonnes.

GENERAL						
Estimated Load Restriction (year):	2023	**Estimated Replacement (year):**				
Current Inspection Load Rating:	30	**Design Load GVW (tonnes):**	64	**Design Vehicle Config.:**	CL625	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/04 14:43:54			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-517	**Structure Name:**	G5-918	**Road Name:**	TIA	**Inspection Date:**	2020/09/02

KM:	0.70	**User km:**		**Crossing Name:**	Unnamed Creek	**Next Inspection Date:**	2023/09/02
Project File ID #:	8280	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10	**UTM Easting:**	417822	**UTM Northing:**	6102652		
Inspector Name:	Warren Wilkinson, Scott	**Year Superstructure Installed:**	1999				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Fair	
Piles or Posts	Not Applicable	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	hill and corners
Bridge Ahead Signs Missing	1	upshain
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	left upchain one no post sections knocked over
Road Surface	Fair	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-517	Structure Name:	G5-918	Road Name:	TIA	Inspection Date:	2020/09/02

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Fair	fungus underneath deck
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-517	Structure Name:	G5-918	Road Name:	TIA	Inspection Date:	2020/09/02

GENERAL	**Inspector's Comment:**	inspection supervised by Warren Wilkinson
GENERAL	**PEng's Comment:**	looks ok

GENERAL						
Estimated Load Restriction (year):	2035	**Estimated Replacement (year):**				
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/04 14:39:15			

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-523	**Structure Name:**	G5-523	**Road Name:**	NEWLAND	**Inspection Date:**	2020/09/02
KM:	0.30	**User km:**	13.30	**Crossing Name:**	unnamed	**Next Inspection Date:**	2023/09/02
Project File ID #:	8280	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.1
UTM Zone:	10	**UTM Easting:**	414988	**UTM Northing:**	6105701		
Inspector Name:	Warren Wilkinson, Scott	**Year Superstructure Installed:**	2008				
Access:							

ABUTMENTS

Bearings	Fair	right sill slopped back leaving gap at rear of bearing, not square to bridge
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Fair	some movement leaving gaps between blocks
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Fair	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	hill/corner
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	75	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-523	Structure Name:	G5-523	Road Name:	NEWLAND	Inspection Date:	2020/09/02

Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	curbs have substantial rot in some timbers
Deck to Girder Bolts	Good	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Good	
Sub Deck	Excellent	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
5	Required	Medium		Replace Curbs

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-523	Structure Name:	G5-523	Road Name:	NEWLAND	Inspection Date:	2020/09/02

MONITORS

#	Description
1	right bearing, sill and blocks for movement

GENERAL

Inspector's Comment:	inspection done under supervision of Warren Wilkinson

GENERAL

PEng's Comment:	Curbs will need replacing soon or else bridge will be down-rated

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/02 13:11:57		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-522	**Structure Name:**	G5-245	**Road Name:**	NEWLAND	**Inspection Date:**	2019/09/11
KM:	0.90	**User km:**	14.00	**Crossing Name:**	unnamed	**Next Inspection Date:**	2022/09/11
Project File ID #:	8280	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments** (looking downstream) **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	25.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	25
UTM Zone:	10	**UTM Easting:**	414617	**UTM Northing:**	6106047		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	2010				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-522	Structure Name:	G5-245	Road Name:	NEWLAND	Inspection Date:	2019/09/11

DECK

Span 1

Concrete Deck	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Fair	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 250.00	INSTALL WEIGHT RATING SIGN

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-522	Structure Name:	G5-245	Road Name:	NEWLAND	Inspection Date:	2019/09/11

GENERAL	Inspector's Comment:	NEEDS WEIGH SIGN
GENERAL	PEng's Comment:	

GENERAL							
Estimated Load Restriction (year):	2052	Estimated Replacement (year):					
Current Inspection Load Rating:	68	Design Load GVW (tonnes):	68	Design Vehicle Config.:			
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/02/07 14:42:29				

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-520	**Structure Name:**	G5-974	**Road Name:**	NEWLAND	**Inspection Date:**	2021/09/22

KM:	5.00	**User km:**	18.00	**Crossing Name:**	unnamed	**Next Inspection Date:**	2024/09/22
Project File ID #:	8280	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Other
Superstructure:	Steel I-beam	**Right**	Other

Total Length (metres):	12.1	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.1
UTM Zone:	10	**UTM Easting:**	413027	**UTM Northing:**	6108067		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2011				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
General Abutment Condition	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	

Corporate Bridge Register (CBR)

Disclaimer:
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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-520	Structure Name:	G5-974	Road Name:	NEWLAND	Inspection Date:	2021/09/22

Posted Load Rating (Enter 0 if sign missing)	68	
Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	recently been redecked
Running Planks	Not Applicable	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-520	Structure Name:	G5-974	Road Name:	NEWLAND	Inspection Date:	2021/09/22

MONITORS

#	Description

GENERAL

Inspector's Comment:	No issues. GZ

GENERAL

PEng's Comment:	No concerns. JDS

GENERAL

Estimated Load Restriction (year):	2025	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jordan Smith on 2022/02/10 15:43:33		

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-521	**Structure Name:**	G5-913	**Road Name:**	NEWLAND	**Inspection Date:**	2021/09/22

KM:	6.30	**User km:**	19.20	**Crossing Name:**	unnamed	**Next Inspection Date:**	2024/09/22
Project File ID #:	8280	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Other
Superstructure:	Steel I-beam	**Right**	Other

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	413334	**UTM Northing:**	6109134		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2011				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	wire gabion (Timber planks. GZ)
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
General Abutment Condition	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Fair	
Wing Wall	Good	wire gabion

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	missing end caps

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-521	Structure Name:	G5-913	Road Name:	NEWLAND	Inspection Date:	2021/09/22

Posted Load Rating (Enter 0 if sign missing)	68	
Road Surface	Fair	needs grading

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Not Applicable	
Sub Deck	Fair	up section is narrower than the rest, see pics
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
6	Required	High		Install approach fenders

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-521	Structure Name:	G5-913	Road Name:	NEWLAND	Inspection Date:	2021/09/22

MONITORS

#	Description

GENERAL

Inspector's Comment:	No significant issues. GZ

GENERAL

PEng's Comment:	No concerns. JDS

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jordan Smith on 2022/02/10 15:49:10		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-524	**Structure Name:**	G4-913	**Road Name:**	NEWLAND	**Inspection Date:**	2021/09/22

KM:	9.00	**User km:**	22.21	**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2024/09/22
Project File ID #:	8280	**Br.**	05	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	412612	**UTM Northing:**	6110662		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2015				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-524	Structure Name:	G4-913	Road Name:	NEWLAND	Inspection Date:	2021/09/22

Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Unrated	(Rate as GOOD. GZ)
Overall Deck Condition	Fair	missing a few mud boards
Running Planks	Not Applicable	(Rate as GOOD. GZ)
Sub Deck	Good	missing a few mud boards (N/A)
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
5	Required	Medium		Add bridge ahead signage.

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-524	Structure Name:	G4-913	Road Name:	NEWLAND	Inspection Date:	2021/09/22

MONITORS

#	Description

GENERAL

Inspector's Comment:	No significant issues. GZ

GENERAL

PEng's Comment:	No concerns. JDS

GENERAL

Estimated Load Restriction (year):	2042	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jordan Smith on 2022/02/10 15:59:04		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-420	**Structure Name:**	G5-420	**Road Name:**	RAINBOW	**Inspection Date:**	2021/09/22
KM:	1.30	**User km:**	1.30	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/09/22
Project File ID #:	8287	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel Truss/Bailey/Acrow	**Right**	Concrete Lock Blocks

Total Length (metres):	9.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9
UTM Zone:	10	**UTM Easting:**	428454	**UTM Northing:**	6089332		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	1999				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Unrated	(Rate as GOOD. GZ)
Concrete Precast	Unrated	Lock blocks
Corrosion Protection	Not Applicable	(Rate as FAIR. GZ)
Caps or Sills	Unrated	none, it is bolted to the lock blocks (N/A. GZ)
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	Rate as YES. GZ)
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-420	Structure Name:	G5-420	Road Name:	RAINBOW	Inspection Date:	2021/09/22

Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Unrated	none
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	(N/A. GZ)

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-420	Structure Name:	G5-420	Road Name:	RAINBOW	Inspection Date:	2021/09/22

MONITORS

#	Description

GENERAL

Inspector's Comment:	Bailey/Acrow structure, usually they are green (Bailey) or galvanized (Acrow), the yellow paint is weird. This structure is bolted directly to lock blocks, there is no concrete precast. No issues. GZ

GENERAL

PEng's Comment:	No concerns. BH

GENERAL

Estimated Load Restriction (year):	2039	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/10 13:37:59		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-421	**Structure Name:**	G5-421	**Road Name:**	RAINBOW	**Inspection Date:**	2018/10/11

KM:	6.10	**User km:**	6.10	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2020/01/01
Project File ID #:	8287	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	4,000	**Outlet Cover (mm):**	4,000
Footing Type:		**Gradient (%):**	

Culvert Length (metres):	33.0	**Opening Height (mm):**	1,600	**Opening Width (mm):**	1,600
UTM Zone:	10	**UTM Easting:**	429718	**UTM Northing:**	6089457
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**		1985	
Access:	Minor culvert				

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:			

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	Minor culvert, do not inspect

GENERAL

PEng's Comment:	This culvert falls under the district normal road maintenance inspections and not major structure inspections.

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-421	Structure Name:	G5-421	Road Name:	RAINBOW	Inspection Date:	2018/10/11

GENERAL

Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2019/02/07 13:50:36		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-390	**Structure Name:**	G5-390	**Road Name:**	NECOSLIE	**Inspection Date:**	2019/08/12

KM:	3.50	**User km:**	0.00	**Crossing Name:**	Necoslie River	**Next Inspection Date:**	2022/08/12
Project File ID #:	8303	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	15.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.3
UTM Zone:	10	**UTM Easting:**	429292	**UTM Northing:**	6023009		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	1985				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Fair	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	BENT
Delineator Missing Right (approaching structure)	0	BENT
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	68	
Road Surface	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-390	Structure Name:	G5-390	Road Name:	NECOSLIE	Inspection Date:	2019/08/12

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
2	Complete	Low	$ 600.00	REPLACE ALL 4 DELINIATORS AND BRUSH AROUND THEM

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-390	Structure Name:	G5-390	Road Name:	NECOSLIE	Inspection Date:	2019/08/12

GENERAL	**Inspector's Comment:**	ALL 4 DELINIATORS ARE BENT OR BRUSHED IN
GENERAL	**PEng's Comment:**	

GENERAL

Estimated Load Restriction (year):	2035	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	41	**Design Vehicle Config.:**	L45
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/28 16:17:36		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-395	**Structure Name:**	G4-912	**Road Name:**	NECOSLIE-	**Inspection Date:**	2021/07/09
KM:	16.40	**User km:**	16.40	**Crossing Name:**	Un-named	**Next Inspection Date:**	2024/07/09
Project File ID #:	8303	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Sill -Temporary Materials

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10	**UTM Easting:**	447559	**UTM Northing:**	6011058		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2017				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Log/Timber Cribs	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Tie-backs	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	

Corporate Bridge Register (CBR)

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Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-395	Structure Name:	G4-912	Road Name:	NECOSLIE-	Inspection Date:	2021/07/09

Fender Condition	Poor	log fenders, some missing
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Not Applicable	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-395	Structure Name:	G4-912	Road Name:	NECOSLIE-	Inspection Date:	2021/07/09

REPAIRS

#	Status	Priority	Estimate	Description
2	Required	Medium		Install approach fill
3	Required	Medium		Install fenders

MONITORS

#	Description

GENERAL

Inspector's Comment:	No significant issues. GZ

GENERAL

PEng's Comment:	No concerns. BH

GENERAL

Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/06 19:48:24		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-391	**Structure Name:**	G5-391	**Road Name:**	NECOSLIE-	**Inspection Date:**	2019/08/12

KM:	4.00	**User km:**	704.00	**Crossing Name:**	Necoslie River	**Next Inspection Date:**	2022/08/12
Project File ID #:	8303	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	27.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	27
UTM Zone:	10	**UTM Easting:**	440170	**UTM Northing:**	6012036		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	2004				

Access: Special Equipment Requirement: This structure requires a ladder to inspect right abutment bearings.

ABUTMENTS

Bearings	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Not Applicable	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	68	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-391	Structure Name:	G5-391	Road Name:	NECOSLIE-	Inspection Date:	2019/08/12

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	2.0	**Estimated Present Water Level Width:**	7.0
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 500.00	REPLACE DELINEATOR AND BRUSH

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-391	Structure Name:	G5-391	Road Name:	NECOSLIE-	Inspection Date:	2019/08/12

GENERAL	Inspector's Comment:	MISSING 1 DELINEATOR, GROUT GOOD, NEED BRUSHING
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2049	Estimated Replacement (year):				
Current Inspection Load Rating:	68	Design Load GVW (tonnes):	68	Design Vehicle Config.:	L75	
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/02/07 14:31:16			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-393	**Structure Name:**	G5-906	**Road Name:**	NECOSLIE-	**Inspection Date:**	2021/09/16
KM:	28.00	**User km:**		**Crossing Name:**	Necoslie	**Next Inspection Date:**	2024/09/16
Project File ID #:	8303	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10	**UTM Easting:**	443176	**UTM Northing:**	6014114		
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	2006				
Access:							

ABUTMENTS

Bearings	Fair	Wood sill showing sign of crushing under girder
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	Wood sill showing sign of crushing under girder
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-393	Structure Name:	G5-906	Road Name:	NECOSLIE-	Inspection Date:	2021/09/16

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	rotting rails and riser blocks
Deck to Girder Bolts	Fair	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Fair	
Running Planks	Fair	
Sub Deck	Fair	Fruiting bodies on sub deck
Ties	Fair	Some rotten on ends

SUPERSTRUCTURE

Span 1

Bracing	Fair	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.1
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
10	Required	High		replace all mods rather than patch rails and risers

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-393	Structure Name:	G5-906	Road Name:	NECOSLIE-	Inspection Date:	2021/09/16

GENERAL	**Inspector's Comment:**	
GENERAL	**PEng's Comment:**	Bridge in fair condition Significant rot in all wood components. Replace deck mods before industrial use. Could be downrated at any time until high priority repair items are completed. BH

GENERAL						
Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**				
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/06 20:53:31			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-392	**Structure Name:**	G5-905	**Road Name:**	NECOSLIE-	**Inspection Date:**	2021/09/16

KM:	27.80	**User km:**		**Crossing Name:**	Necoslie	**Next Inspection Date:**	2024/09/16
Project File ID #:	8303	**Br.**	07	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10	**UTM Easting:**	443056	**UTM Northing:**	6013270		
Inspector Name:	Dustin Anderberg	**Year Superstructure Installed:**	2005				
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Fair	Lock blocks
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	Starting to crush under girder
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Fair	Only on left abutment
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	Chipped spalling
Posted Load Rating (Enter 0 if sign missing)	68	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-392	Structure Name:	G5-905	Road Name:	NECOSLIE-	Inspection Date:	2021/09/16

Road Surface	Fair	Minor pot holing on both approaches

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	Rotten and not functioning
Deck to Girder Bolts	Not Applicable	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Good	
Sub Deck	Fair	Fruiting bodies indicate rot
Ties	Fair	Rotten ends

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	1.2		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
9	Required	High	$ 1.00	Replace sub decking and cross ties.
10	Required	High	$ 1.00	Replace curbs and risers. Rotting and non functional

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-392	Structure Name:	G5-905	Road Name:	NECOSLIE-	Inspection Date:	2021/09/16

MONITORS

#	Description
3	Left bank bearing sill for crushing under girder

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Significant rot in risers curbs and decking components. Downrate to 0 tonne to address high priority repairs.BH

GENERAL

Estimated Load Restriction (year):	2040	**Estimated Replacement (year):**			
Current Inspection Load Rating:	0	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/06 20:29:53		

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-396	**Structure Name:**	G4-935	**Road Name:**	GORDON	**Inspection Date:**	2021/09/16

KM:	0.50	**User km:**	0.50	**Crossing Name:**	Un-named	**Next Inspection Date:**	2024/09/16
Project File ID #:	8303	**Br.**	23	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Sill -Temporary Materials
Superstructure:	Steel I-beam	**Right**	Sill -Temporary Materials

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18.3
UTM Zone:	10	**UTM Easting:**	445388	**UTM Northing:**	6014193		
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	2017				
Access:	Road deactivated. Short walk to bridge						

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	
Fill	Poor	Eroding. Hole in approach fill
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Fair	
Wing Wall	Poor	Leaning wall piles

APPROACHES

Alignment	Poor	In a hole
Bridge Ahead Signs Missing	1	High chain side
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	Reset and secure
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Poor	Eroding. Hole in left approach

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-396	Structure Name:	G4-935	Road Name:	GORDON	Inspection Date:	2021/09/16

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	Minor damage on one rail and riser
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Unrated	N/A
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	1.2		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
4	Required	Low		add high chain sign
5	Required	Low		Replace small logs with proper sized logs and position correctly
6	Required	High		Wingwall piles to be replaced or fill to be pulled back and stream armoured.
7	Required	High		Reconstruct high chain approach and protect stream from sediment delivery

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-396	Structure Name:	G4-935	Road Name:	GORDON	Inspection Date:	2021/09/16

MONITORS

#	Description

GENERAL

Inspector's Comment:	wingwall stability at issue.

GENERAL

PEng's Comment:	Road approach eroding and needs re-constructing. Replace leaning wingwall or remove and armour stream with rip rap. BH

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/06 21:12:30		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-018	**Structure Name:**	G4-018	**Road Name:**	BEVERLY LAKE	**Inspection Date:**	2002/07/23

KM:	5.60	**User km:**	5.60	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2030/01/01
Project File ID #:	8671	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	500		**Outlet Cover (mm):**	600	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	12.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	466638	**UTM Northing:**	5976662
Inspector Name:	Tim Silbernagel		**Year Superstructure Installed:**	1995	

Access: This FSR is located 1.9 km off Highway 16 on Finmore Road.
Minor culvert.

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Fair	No Comment Available -Converter.RNI
Floor	Fair	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Fair	No Comment Available -Converter.RNI
Riprap	Fair	No Comment Available -Converter.RNI
Roof	Fair	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-018	Structure Name:	G4-018	Road Name:	BEVERLY LAKE	Inspection Date:	2002/07/23

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Suggested	Medium	$ 0.00	Span: 1.0. Debris removal. remove log from outlet.

MONITORS

#	Description
1	Monitor for Beaver activity if culvert remains on register. (no beaver problems TS2002)

GENERAL

Inspector's Comment:	nullCulvert: 2) remove log from outlet 5,6) sagged 0.2M under roadway 12) none, slow creek/swamp.

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2045	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\RMGETZLA on 2012/04/12 16:16:58		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-400	**Structure Name:**	G5-400A	**Road Name:**	OCOCK	**Inspection Date:**	2020/08/18

KM:	3.60	**User km:**	3.60	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2023/08/18
Project File ID #:	8722	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	10	**UTM Easting:**	443862	**UTM Northing:**	6054523		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2016				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	caps
Fill	Good	
Hardware	Good	
Piles or Posts	Good	post
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	100	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-400	Structure Name:	G5-400A	Road Name:	OCOCK	Inspection Date:	2020/08/18

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.3	Estimated Present Water Level Width:	2.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
Comment:	beaver dam upstream								

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-400	Structure Name:	G5-400A	Road Name:	OCOCK	Inspection Date:	2020/08/18

GENERAL	Inspector's Comment:	
GENERAL	PEng's Comment:	looks good

GENERAL							
Estimated Load Restriction (year):	2050	Estimated Replacement (year):					
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100		
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2021/03/02 11:57:48				

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-404	**Structure Name:**	G5-404	**Road Name:**	OCOCK	**Inspection Date:**	2021/10/15
KM:	12.20	**User km:**	12.20	**Crossing Name:**	unknown	**Next Inspection Date:**	2024/10/15
Project File ID #:	8722	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	3,000	**Outlet Cover (mm):**	3,000
Footing Type:	Steel Footing	**Gradient (%):**	1.7

Culvert Length (metres):	29.0	**Opening Height (mm):**	1,910	**Opening Width (mm):**	3,660
UTM Zone:	10	**UTM Easting:**	440059	**UTM Northing:**	6061490

Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	2008
Access:			

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Unrated	None
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Poor	Loosing material. Scoured below footings
Footing	Poor	Scoured under a 2m section. 8m above inlet
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Fair	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-404	Structure Name:	G5-404	Road Name:	OCOCK	Inspection Date:	2021/10/15

Overall	Fair	
Riprap	Fair	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.3
Estimated High Water Level Clearance:	1.8		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
3	Required	Medium		Remove trees across the channel at outlet

MONITORS

#	Description
1	Monitor scour and undermining of footing.

GENERAL

Inspector's Comment:	Scour under footing goes to the back of the footing. Approximately 0.1m deep. It appears that the arch footing was installed above the stream thalwag

GENERAL

PEng's Comment:	Monitor footing scour. Otherwise in good condition.BH

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/07 07:51:52		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-406	**Structure Name:**	G5-989	**Road Name:**	OCOCK	**Inspection Date:**	2021/09/21

KM:	13.90	**User km:**	13.90	**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2024/09/21
Project File ID #:	8722	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	440081	**UTM Northing:**	6062856		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2016				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Poor	some out of place or missing
Posted Load Rating (Enter 0 if sign missing)	91	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-406	Structure Name:	G5-989	Road Name:	OCOCK	Inspection Date:	2021/09/21

Road Surface	Fair	needs grading

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.1
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
4	Required	Medium	$ 0.00	Reposition and install missing fenders.
5	Required	Medium	$ 0.00	Grade approaches
6	Required	Low	$ 0.00	Add one delineator

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-406	Structure Name:	G5-989	Road Name:	OCOCK	Inspection Date:	2021/09/21

MONITORS

#	Description

GENERAL

Inspector's Comment:	needs approaches graded, end on fenders Poor inspection but no significant issues. GZ

GENERAL

PEng's Comment:	No concerns. BH

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/07 10:19:00		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-401	**Structure Name:**	G5-401	**Road Name:**	OCOCK	**Inspection Date:**	2020/08/18

KM:	14.90	**User km:**	14.50	**Crossing Name:**	O'Cock River	**Next Inspection Date:**	2023/08/18
Project File ID #:	8722	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	900		**Outlet Cover (mm):**	900	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	49.0	**Opening Height (mm):**	2,400	**Opening Width (mm):**	2,400
UTM Zone:	10	**UTM Easting:**	439842	**UTM Northing:**	6063725
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1991		
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Poor	wilderness

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Fair	some rust, vegitation growing out of conections
Coating	Poor	floor
Embedment Materials	Not Applicable	
Fill	Good	10m, some scour
Floor	Poor	rust
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Fair	
Outlet	Poor	purched, large water hole

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-401	Structure Name:	G5-401	Road Name:	OCOCK	Inspection Date:	2020/08/18

Overall	Fair	
Riprap	Poor	hardly any
Roof	Fair	
Side Walls	Poor	rust and holes at water edbe, inlet first segment
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	Yes	**Ice:**	No	**Debris:**	No	**Aggradation:**	Yes

Comment: scour and Aggradation at outlet

REPAIRS

#	Status	Priority	Estimate	Description
2	Required	Medium		Consider replacing culvert

MONITORS

#	Description

GENERAL

Inspector's Comment: PEng. to review and recommend if PEng. inspection required.
PEng inspection prior to hauling

GENERAL

PEng's Comment: Will look at this culvert in the summer to determine what is needed.

GENERAL

Estimated Load Restriction (year):	2031	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/02 12:17:16		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-405	**Structure Name:**	G5-405	**Road Name:**	OCOCK	**Inspection Date:**	2021/09/21

KM:	21.30	**User km:**	21.30	**Crossing Name:**	Unknown	**Next Inspection Date:**	2024/09/21
Project File ID #:	8722	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated - Panels	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	439348	**UTM Northing:**	6065790		
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**	2007				
Access:							

ABUTMENTS

Bearings	Poor	structure not sitting on sill correctly
Bracing	Not Applicable	
Ballast Wall	Poor	showing significant decay
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	structure not sitting on sill correctly
Fill	Fair	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-405	Structure Name:	G5-405	Road Name:	OCOCK	Inspection Date:	2021/09/21

Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	significant decay
Deck to Girder Bolts	Good	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
7	Required	High	$	Replace curbs and risers
8	Required	High	$	Replace ballast walls
9	Required	High	$ 0.00	Install both bridge ahead signs
10	Required	High	$ 0.00	Brush around bridge.

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-405	Structure Name:	G5-405	Road Name:	OCOCK	Inspection Date:	2021/09/21

MONITORS

#	Description

GENERAL

Inspector's Comment:	significant rot in guardrails and ballast walls, see pictures Load restictions should be applied. GZ

GENERAL

PEng's Comment:	Significant rot in curbs. Replace ballast walls and reposition sills. Bridge downrated to 10 tonnes until repairs completed. BH

GENERAL

Estimated Load Restriction (year):		2040	**Estimated Replacement (year):**		
Current Inspection Load Rating:	10	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/07 08:35:00		

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-410	**Structure Name:**	G5-410	**Road Name:**	WEST	**Inspection Date:**	2021/10/15

KM:	0.80	**User km:**	0.80	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/09/21
Project File ID #:	8722	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	19.0	**Opening Height (mm):**	1,600	**Opening Width (mm):**	1,600
UTM Zone:	10	**UTM Easting:**	440159	**UTM Northing:**	6058750
Inspector Name:	Gary Zsombor	**Year Superstructure Installed:**	1991		

Access: Two culverts (battery) are located on this site - culvert one is G5-410; culvert two is G5-410-2.

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	
Footing	Fair	
Head Wall	Not Applicable	
Inlet	Fair	Plugged by beavers
Outlet	Good	
Overall	Fair	Plugged by beavers
Riprap	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-410	Structure Name:	G5-410	Road Name:	WEST	Inspection Date:	2021/10/15

Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:			

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	No

Comment: Cannot take measurements

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment: Issues with Filemakergo. Cannot put in poor rating.

GENERAL

PEng's Comment: Used Solid soils inspection.

GENERAL

Estimated Load Restriction (year):	2031	Estimated Replacement (year):	
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):** 91	**Design Vehicle Config.:**
Professional Inspection Required?	No	**Report Status:**	Rejected By IDIR\BHENDERS on 2022/02/28 09:23:04

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-410	**Structure Name:**	G5-410-2	**Road Name:**	WEST	**Inspection Date:**	2021/09/21

KM:	0.80	**User km:**	0.80	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/09/21
Project File ID #:	8722	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	19.0	**Opening Height (mm):**	1,600	**Opening Width (mm):**	1,600
UTM Zone:	10	**UTM Easting:**	440159	**UTM Northing:**	6058750
Inspector Name:	Dawson Smith	**Year Superstructure Installed:**		1991	

Access: Two culverts (battery) are located on this site - culvert one is G5-410; culvert two is G5-410-2.

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-410	Structure Name:	G5-410-2	Road Name:	WEST	Inspection Date:	2021/09/21

Inlet	Poor	Both inlets are plugged by beavers, the water has breached the road surface
Outlet	Good	
Overall	Poor	Both inlets are plugged by beavers, the water has breached the road surface
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.1
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment: Both inlets are plugged by beavers, the water has breached the road surface

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$	Both inlets are plugged by beavers, the water has breached the road surface

MONITORS

#	Description

GENERAL

Inspector's Comment: Both inlets are plugged by beavers, the water has breached the road surface

GENERAL

PEng's Comment: Clean both culverts. BH

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-410	Structure Name:	G5-410-2	Road Name:	WEST	Inspection Date:	2021/09/21

GENERAL

Estimated Load Restriction (year):	2031	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Bruce Henderson on 2022/02/09 14:53:03		

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-450	**Structure Name:**	G5-450	**Road Name:**	TCHENTLO	**Inspection Date:**	2019/10/04
KM:	5.40	**User km:**	5.40	**Crossing Name:**	Brule Creek	**Next Inspection Date:**	2022/10/04
Project File ID #:	9275	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	30.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	30
UTM Zone:	10	**UTM Easting:**	357797	**UTM Northing:**	6128033		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1992				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	OUT OF POSITION
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-450	Structure Name:	G5-450	Road Name:	TCHENTLO	Inspection Date:	2019/10/04

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	6.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	MONITOR BEAVER DAM BEING BUILD DOWNSTREAM

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-450	Structure Name:	G5-450	Road Name:	TCHENTLO	Inspection Date:	2019/10/04

GENERAL	Inspector's Comment:	ALL GOOD, BEAVERS HAVE STARTED A DAM APPROX. 150M DOWNSTREAM
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2032	Estimated Replacement (year):				
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:		
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/02/04 15:34:09			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-451	**Structure Name:**	G5-451	**Road Name:**	TCHENTLO	**Inspection Date:**	2019/10/04
KM:	7.60	**User km:**	7.60	**Crossing Name:**	Nation River	**Next Inspection Date:**	2022/10/04
Project File ID #:	9275	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	55.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	55
UTM Zone:	10	**UTM Easting:**	358767	**UTM Northing:**	6129475		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1992				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	LOG FENDERS
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-451	Structure Name:	G5-451	Road Name:	TCHENTLO	Inspection Date:	2019/10/04

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	10.0
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-451	Structure Name:	G5-451	Road Name:	TCHENTLO	Inspection Date:	2019/10/04

GENERAL	Inspector's Comment:	ALL GOOD
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2032	Estimated Replacement (year):				
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:		
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/02/04 15:31:46			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-452	**Structure Name:**	G5-452	**Road Name:**	TCHENTLO	**Inspection Date:**	2016/09/22
KM:	8.70	**User km:**	8.70	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2019/09/22
Project File ID #:	9275	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	900		**Outlet Cover (mm):**	900	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	18.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	359606	**UTM Northing:**	6128610
Inspector Name:	w.wilkinson	**Year Superstructure Installed:**	1992		
Access:	Minor culvert				

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	rust on floor
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	Rust
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-452	Structure Name:	G5-452	Road Name:	TCHENTLO	Inspection Date:	2016/09/22

Overall	Good	
Riprap	Fair	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	No issues noted. Structure may have to switched to Do not inspect for several years. MD

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2017/05/02 15:24:16		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-453	**Structure Name:**	G5-453	**Road Name:**	TCHENTLO	**Inspection Date:**	2019/10/04

KM:	9.90	**User km:**	9.90	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/10/04
Project File ID #:	9275	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	16.0	**Opening Height (mm):**	2,000	**Opening Width (mm):**	2,000
UTM Zone:	10	**UTM Easting:**	360026	**UTM Northing:**	6127650
Inspector Name:	Dawson SMITH		**Year Superstructure Installed:**	1992	
Access:	9.9 km T. Road				

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Good	
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-453	Structure Name:	G5-453	Road Name:	TCHENTLO	Inspection Date:	2019/10/04

Overall	Good	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	0.5
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	ALL GOOD

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/07 12:29:35		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-454	**Structure Name:**	G5-454	**Road Name:**	TCHENTLO	**Inspection Date:**	2019/10/04
KM:	12.30	**User km:**	12.30	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2022/10/04
Project File ID #:	9275	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	6,300		**Outlet Cover (mm):**	6,300	
Footing Type:			**Gradient (%):**	3.0	
Culvert Length (metres):	35.0	**Opening Height (mm):**	2,800	**Opening Width (mm):**	2,800
UTM Zone:	10	**UTM Easting:**	361700	**UTM Northing:**	6125896
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1992		
Access:	12.3 T. Road				

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Fair	
Bolted Connections	Not Applicable	
Coupled Connections	Fair	
Coating	Fair	FLOOR HAS SOME RUST
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Fair	FLOOR HAS SOME RUST
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-454	Structure Name:	G5-454	Road Name:	TCHENTLO	Inspection Date:	2019/10/04

Overall	Fair	
Riprap	Not Applicable	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/04 15:27:53		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-455	**Structure Name:**	G5-455	**Road Name:**	TCHENTLO	**Inspection Date:**	2021/08/11

KM:	13.50	**User km:**	13.50	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/08/11
Project File ID #:	9275	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	6,700		**Outlet Cover (mm):**	6,700	
Footing Type:			**Gradient (%):**	3.0	
Culvert Length (metres):	42.0	**Opening Height (mm):**	3,200	**Opening Width (mm):**	3,200
UTM Zone:	10	**UTM Easting:**	362068	**UTM Northing:**	6124882
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1992		
Access:					

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Good	Rust on baffles
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	Rust
Embedment Materials	Not Applicable	
Fill	Good	3m
Floor	Fair	Heavy rust
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-455	Structure Name:	G5-455	Road Name:	TCHENTLO	Inspection Date:	2021/08/11

Inlet	Good	
Outlet	Poor	Perched, scour
Overall	Fair	
Riprap	Fair	Scour has moved riprap at outlet
Roof	Good	
Side Walls	Fair	Rust
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	Yes	Scour:	Yes	Ice:	No	Debris:	No	Aggradation:	Yes

Comment: High water flow has scoured outlet and created a perched outlet

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: Outlet scour does not appear to have worsened since last inspection. No concerns. JDS

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-455	Structure Name:	G5-455	Road Name:	TCHENTLO	Inspection Date:	2021/08/11

GENERAL

Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jordan Smith on 2022/02/10 12:24:21		

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-456	**Structure Name:**	G5-456	**Road Name:**	TCHENTLO	**Inspection Date:**	2002/06/20
KM:	17.70	**User km:**	17.70	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2005/06/20
Project File ID #:	9275	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	2,000		**Outlet Cover (mm):**	2,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	18.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	10	**UTM Easting:**	365599	**UTM Northing:**	6122611
Inspector Name:	Ed Cienciala	**Year Superstructure Installed:**	1992		
Access:	Minor culvert				

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Riprap	Good	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-456	Structure Name:	G5-456	Road Name:	TCHENTLO	Inspection Date:	2002/06/20

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Monitor for debris build-up at outlet. (OK - Chinch02)

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\RMGETZLA on 2012/04/12 09:38:15		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-457	**Structure Name:**	G5-457	**Road Name:**	TCHENTLO	**Inspection Date:**	2021/08/11

KM:	19.60	**User km:**	19.60	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/08/11
Project File ID #:	9275	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	2,600		**Outlet Cover (mm):**	2,600	
Footing Type:			**Gradient (%):**	1.5	
Culvert Length (metres):	28.0	**Opening Height (mm):**	2,400	**Opening Width (mm):**	2,400
UTM Zone:	10	**UTM Easting:**	367371	**UTM Northing:**	6122125
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1992		
Access:	19.6 km T Road				

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	Could not walk through did not observe joint 1
Coating	Fair	Rust
Embedment Materials	Not Applicable	
Fill	Good	1m
Floor	Fair	Rust
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-457	Structure Name:	G5-457	Road Name:	TCHENTLO	Inspection Date:	2021/08/11

Inlet	Fair	Beaver dam
Outlet	Good	
Overall	Good	
Riprap	Fair	Not much
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	Yes	**Aggradation:**	No

Comment: Beaver dam at inlet

REPAIRS

#	Status	Priority	Estimate	Description
5	Required	Medium	$ 0.00	Beaver dam removal

MONITORS

#	Description

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: Beaver dam blocking inlet, debris is spilling into the inlet. Outlet partially blocked by displaced riprap. Little flow going through pipe. Consider removing dam and clearing inlet/outlet to prevent future issue. -JDS

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-457	Structure Name:	G5-457	Road Name:	TCHENTLO	Inspection Date:	2021/08/11

GENERAL

Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jordan Smith on 2022/02/10 12:32:25		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-458	**Structure Name:**	G5-458	**Road Name:**	TCHENTLO	**Inspection Date:**	2021/08/11

KM:	20.30	**User km:**	20.30	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/08/11
Project File ID #:	9275	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,660		**Outlet Cover (mm):**	1,660	
Footing Type:			**Gradient (%):**	4.0	
Culvert Length (metres):	23.0	**Opening Height (mm):**	2,800	**Opening Width (mm):**	2,800
UTM Zone:	10	**UTM Easting:**	368143	**UTM Northing:**	6122164
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1992		
Access:					

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Good	1.5m
Floor	Good	some rust
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-458	Structure Name:	G5-458	Road Name:	TCHENTLO	Inspection Date:	2021/08/11

Inlet	Good	
Outlet	Poor	Perched
Overall	Good	
Riprap	Fair	
Roof	Good	dent in roof
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	Yes

Comment: Pool formed at outlet

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: No concerns. JDS

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-458	Structure Name:	G5-458	Road Name:	TCHENTLO	Inspection Date:	2021/08/11

GENERAL

Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jordan Smith on 2022/02/10 12:36:48		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-459	**Structure Name:**	G5-459	**Road Name:**	TCHENTLO	**Inspection Date:**	2021/08/11

KM:	24.10	**User km:**	24.10	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2024/08/11
Project File ID #:	9275	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,150		**Outlet Cover (mm):**	1,150	
Footing Type:			**Gradient (%):**	4.0	
Culvert Length (metres):	21.0	**Opening Height (mm):**	2,400	**Opening Width (mm):**	2,400
UTM Zone:	10	**UTM Easting:**	371452	**UTM Northing:**	6122670
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1992		
Access:					

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	1m
Floor	Fair	Rust
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	Riprap in culvert

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-459	Structure Name:	G5-459	Road Name:	TCHENTLO	Inspection Date:	2021/08/11

Outlet	Good	Material building up on outlet floor
Overall	Good	
Riprap	Good	Some has fallen into culvert in past
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	No concerns. JDS

GENERAL

Estimated Load Restriction (year):	2032	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jordan Smith on 2022/02/10 12:39:02		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-460	**Structure Name:**	G5-460	**Road Name:**	TCHENTLO	**Inspection Date:**	2019/10/04
KM:	37.20	**User km:**	37.20	**Crossing Name:**	Ahdatay Creek	**Next Inspection Date:**	2022/10/04
Project File ID #:	9275	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	21.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	21
UTM Zone:	10	**UTM Easting:**	382557	**UTM Northing:**	6123218		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1993				
Access:	No load limit concerns. Nov/05						

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Fair	WHAT I COULD SEE
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Fair	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	91	
Road Surface	Good	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-460	Structure Name:	G5-460	Road Name:	TCHENTLO	Inspection Date:	2019/10/04

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Excellent	SOME RECENTLY REPLACED
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.5	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-460	Structure Name:	G5-460	Road Name:	TCHENTLO	Inspection Date:	2019/10/04

GENERAL	**Inspector's Comment:**	NEW GUARDRAILS
GENERAL	**PEng's Comment:**	

GENERAL						
Estimated Load Restriction (year):	2033	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/04 15:25:49			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-182	**Structure Name:**	G5-101	**Road Name:**	Jess	**Inspection Date:**	2020/10/15
KM:	0.50	**User km:**		**Crossing Name:**	Unnamed Creek	**Next Inspection Date:**	2023/10/15
Project File ID #:	9305	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	10.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	10.3
UTM Zone:	10	**UTM Easting:**	410668	**UTM Northing:**	6046779		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**					

Access: Structure found in 2019.

ABUTMENTS

Bearings	Fair	sunk into sill timber or recessed into sill timber
Bracing	Not Applicable	
Ballast Wall	Fair	
Concrete Lock Blocks	Poor	movement of lock blocks on left abutment, some movement on right abutment
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	some soft spots, broken \ bent on left abutment, split on end on right abutment
Fill	Fair	settling at edge of bridge left side
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Poor	on corners both sides
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	30	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-182	Structure Name:	G5-101	Road Name:	Jess	Inspection Date:	2020/10/15

Road Surface	Poor	Wilderness

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	rot found
Deck to Girder Bolts	Not Applicable	none found
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Poor	running deck rot
Overall Deck Condition	Fair	
Running Planks	Poor	Rotting
Sub Deck	Fair	Creosote treated
Ties	Fair	Creosote treated

SUPERSTRUCTURE

Span 1

Bracing	Fair	some bent
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Fair	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 100.00	Delineator
2	Required	Low	$	Bridge ahead signs
3	Required	Low	$	Replace Deck prior to hualing
4	Required	Low	$	Re-set lock blocks prior to hauling

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-182	Structure Name:	G5-101	Road Name:	Jess	Inspection Date:	2020/10/15

MONITORS

#	Description
1	Sill timbers for rot and further bending \ breaks
2	Shifting of lock blocks

GENERAL

Inspector's Comment:	found bridge 2019, first inspection 2020

GENERAL

PEng's Comment:	If lock blocks appear to be moving than the bridge should be closed.

GENERAL

Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**			
Current Inspection Load Rating:	10	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/19 11:52:10		

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-500	**Structure Name:**	G5-500	**Road Name:**	INZANA	**Inspection Date:**	2000/09/07

KM:	2.90	**User km:**	2.90	**Crossing Name:**	Inzana Creek Tributary	**Next Inspection Date:**	2030/01/01
Project File ID #:	9345	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**	1.5	
Culvert Length (metres):	21.0	**Opening Height (mm):**	1,400	**Opening Width (mm):**	1,400
UTM Zone:	10	**UTM Easting:**	410806	**UTM Northing:**	6091153
Inspector Name:	Brent Case	**Year Superstructure Installed:**		1993	

Access: Coordinates from LRM
twin 1400, minor crossing

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Good	No Comment Available -Converter.RNI

CULVERT ELEMENT

Coupled Connections	Good	No Comment Available -Converter.RNI
Coating	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Floor	Good	No Comment Available -Converter.RNI
Inlet	Good	No Comment Available -Converter.RNI
Outlet	Good	No Comment Available -Converter.RNI
Riprap	Good	No Comment Available -Converter.RNI
Roof	Good	No Comment Available -Converter.RNI
Side Walls	Good	No Comment Available -Converter.RNI

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-500	Structure Name:	G5-500	Road Name:	INZANA	Inspection Date:	2000/09/07

CHANNEL

Estimated Present Water Level Depth:		Estimated Present Water Level Width:	
Estimated High Water Level Clearance:	0.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	H.C. pipe has some seperation at connection - Monitor.

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2043	Estimated Replacement (year):	
Current Inspection Load Rating:	68	Design Load GVW (tonnes):	68
Design Vehicle Config.:			
Professional Inspection Required?	No	Report Status:	Accepted By Raymond Getzlaf on 2012/04/10 00:00:00

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-501	**Structure Name:**	G5-501	**Road Name:**	INZANA	**Inspection Date:**	2021/07/07
KM:	3.20	**User km:**	3.20	**Crossing Name:**	Inzana Creek	**Next Inspection Date:**	2023/07/07
Project File ID #:	9345	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Log or Untreated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	16.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9
UTM Zone:	10	**UTM Easting:**	410756	**UTM Northing:**	6091473		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2011				

Access: Germansen North Road about km 58 Left onto Inzana Main km 69 right

ABUTMENTS

Bearings	Poor	Sinking into rotting sill logs
Bracing	Not Applicable	
Ballast Wall	Poor	Logs rotting
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	Logs rotting
Fill	Fair	
Hardware	Not Applicable	
Log/Timber Cribs	Unrated	N/A
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Tie-backs	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	Corner Right Side
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	1	
Fender Condition	None	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-501	Structure Name:	G5-501	Road Name:	INZANA	Inspection Date:	2021/07/07

Posted Load Rating (Enter 0 if sign missing)	30	30000kg
Road Surface	Fair	Wilderness

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	Rot
Deck to Girder Bolts	Good	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Poor	Large amounts of rot, missing running planks
Running Planks	Not Applicable	Rotting - several holes in deck
Sub Deck	Poor	Rotting - several holes in deck
Ties	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
15	Required	High		Deck system and abutments need replacement.

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-501	Structure Name:	G5-501	Road Name:	INZANA	Inspection Date:	2021/07/07

MONITORS

#	Description

GENERAL

Inspector's Comment:	PEng to review recommend reduction to 5 ton

GENERAL

PEng's Comment:	Downrated to 5 tonnes due to condition of deck system and rotten sill logs. JDS

GENERAL

Estimated Load Restriction (year):		2025	**Estimated Replacement (year):**		
Current Inspection Load Rating:	5	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jordan Smith on 2022/02/10 13:07:41		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-482	**Structure Name:**	G5-482	**Road Name:**	SUSTUT	**Inspection Date:**	2019/06/25
KM:	2.00	**User km:**	0.20	**Crossing Name:**	Theresa Creek	**Next Inspection Date:**	2022/06/25
Project File ID #:	9388	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	Right	Steel Pipe and Precast Pad

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	9	**UTM Easting:**	421779	**UTM Northing:**	6244393		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1996				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	0	None
Road Surface	Poor	wilderness

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-482	Structure Name:	G5-482	Road Name:	SUSTUT	Inspection Date:	2019/06/25

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	rot
Deck Joints	Fair	
Grout Pockets	Unrated	can not see do to dirt
Hardware	Fair	some bolts are loose from rot
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 0.00	Curbs need replacing

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-482	Structure Name:	G5-482	Road Name:	SUSTUT	Inspection Date:	2019/06/25

GENERAL	Inspector's Comment:	
GENERAL	PEng's Comment:	

GENERAL							
	Estimated Load Restriction (year):	2036	Estimated Replacement (year):				
	Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:		
	Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/02/03 11:26:34			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-486	**Structure Name:**	G5-486	**Road Name:**	SUSTUT	**Inspection Date:**	2019/06/25

KM:	3.00	**User km:**	1.10	**Crossing Name:**	Boyd Creek	**Next Inspection Date:**	2022/06/25
Project File ID #:	9388	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	1,000		**Outlet Cover (mm):**	1,000	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	18.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	9	**UTM Easting:**	422793	**UTM Northing:**	6244406
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1996		
Access:	Minor culvert				

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	0	None
Road Surface	Poor	wilderness

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	
Embedment Materials	Not Applicable	
Fill	Good	
Floor	Poor	rusty
Footing	Not Applicable	
Head Wall	Not Applicable	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-486	Structure Name:	G5-486	Road Name:	SUSTUT	Inspection Date:	2019/06/25

Inlet	Good	
Outlet	Poor	perched
Overall	Fair	
Riprap	Fair	
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.3
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: Culvert is being removed for Major Structure inspection list because under 2000mm. This culvert should be inspected during the road inspections.

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-486	Structure Name:	G5-486	Road Name:	SUSTUT	Inspection Date:	2019/06/25

GENERAL

Estimated Load Restriction (year):	2036	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/07 12:45:35		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-480	**Structure Name:**	G5-480	**Road Name:**	SUSTUT	**Inspection Date:**	2019/06/25
KM:	1.80	**User km:**	1.80	**Crossing Name:**	Minaret Creek	**Next Inspection Date:**	2022/06/25
Project File ID #:	9388	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	15.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15
UTM Zone:	9	**UTM Easting:**	420114	**UTM Northing:**	6245352		
Inspector Name:	Warren Wilinsons \ Scott	**Year Superstructure Installed:**	1996				
Access:							

ABUTMENTS

Bearings	Fair	right downstream bearing pad being compressed
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	none	
Road Surface	Poor	wilderness leavel road

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-480	Structure Name:	G5-480	Road Name:	SUSTUT	Inspection Date:	2019/06/25

DECK

Span 1

Concrete Deck	Good	vegetation taking foot hold in dirt on deck
Curb Rail/Blocks/Posts	Poor	Some rot found, post and curbs, broken post
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Not Applicable	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:			

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$ 0.00	Replace Curbs

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-480	Structure Name:	G5-480	Road Name:	SUSTUT	Inspection Date:	2019/06/25

GENERAL	**Inspector's Comment:**	Wilkinson Training Atkinson Limited or no traffic on this wilderness level Road, no access for vehicles to access this road system
GENERAL	**PEng's Comment:**	Placing 30 Tonne Load Limit until curbs are replaced

GENERAL

Estimated Load Restriction (year):	2036	**Estimated Replacement (year):**			
Current Inspection Load Rating:	30	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/24 12:01:14		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-481	**Structure Name:**	G5-481	**Road Name:**	SUSTUT	**Inspection Date:**	2019/06/25
KM:	4.00	**User km:**	2.20	**Crossing Name:**	Islam Creek	**Next Inspection Date:**	2022/06/25
Project File ID #:	9388	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	18.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	9	**UTM Easting:**	423714	**UTM Northing:**	6244018		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1996				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	0	None
Road Surface	Poor	Wilderness

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-481	Structure Name:	G5-481	Road Name:	SUSTUT	Inspection Date:	2019/06/25

DECK

Span 1

Concrete Deck	Fair	Dirt on deck and tress growing
Curb Rail/Blocks/Posts	Poor	broken and rotting
Deck Joints	Fair	Cracks
Grout Pockets	Good	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	3.0	**Estimated Present Water Level Width:**	5.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 0.00	Fix Broken Curb Section or Replace all the Curbs

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-481	Structure Name:	G5-481	Road Name:	SUSTUT	Inspection Date:	2019/06/25

GENERAL	Inspector's Comment:	
GENERAL	PEng's Comment:	

GENERAL							
	Estimated Load Restriction (year):	2036	Estimated Replacement (year):				
	Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:		
	Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/02/03 11:32:39			

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-483	**Structure Name:**	G5-483	**Road Name:**	SUSTUT	**Inspection Date:**	2019/06/25
KM:	6.00	**User km:**	4.00	**Crossing Name:**	Chelsey Creek	**Next Inspection Date:**	2022/06/25
Project File ID #:	9388	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	18.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	9	**UTM Easting:**	425381	**UTM Northing:**	6244050		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1996				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	0	None
Road Surface	Poor	wilderness

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-483	Structure Name:	G5-483	Road Name:	SUSTUT	Inspection Date:	2019/06/25

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	rotting
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Poor	loose from rot
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 0.00	Replace curbs

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-483	Structure Name:	G5-483	Road Name:	SUSTUT	Inspection Date:	2019/06/25

GENERAL	Inspector's Comment:	
GENERAL	PEng's Comment:	

GENERAL							
	Estimated Load Restriction (year):	2036	Estimated Replacement (year):				
	Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:		
	Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/02/03 11:21:13			

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-484	**Structure Name:**	G5-484	**Road Name:**	SUSTUT	**Inspection Date:**	2019/06/26
KM:	11.40	**User km:**	11.40	**Crossing Name:**	Laura Creek	**Next Inspection Date:**	2022/06/26
Project File ID #:	9388	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	1,000	**Outlet Cover (mm):**	1,000
Footing Type:		**Gradient (%):**	

Culvert Length (metres):	18.0	**Opening Height (mm):**	1,800	**Opening Width (mm):**	1,800
UTM Zone:	9	**UTM Easting:**	431579	**UTM Northing:**	6242833

Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1997
Access:	Minor culvert		

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Poor	Wilderness

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Good	
Coating	Fair	
Embedment Materials	Not Applicable	culvert is naturally filling in with material
Fill	Good	
Floor	Fair	some rust \ filling with sediment
Footing	Not Applicable	
Head Wall	Good	
Inlet	Good	
Outlet	Good	partly restricted channel

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-484	Structure Name:	G5-484	Road Name:	SUSTUT	Inspection Date:	2019/06/26

Overall	Good	
Riprap	Good	limmited
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Good	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	0.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):	2037	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/14 15:14:45		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-485	**Structure Name:**	G5-485	**Road Name:**	SUSTUT	**Inspection Date:**	2019/06/26
KM:	12.50	**User km:**	12.50	**Crossing Name:**	Birdflat Creek	**Next Inspection Date:**	2022/06/26
Project File ID #:	9388	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	55.3	**# Spans:**	2	**Span Width:**		**Span Length(s) (metres):**	27.6, 27.6
UTM Zone:	9	**UTM Easting:**	432420	**UTM Northing:**	6242789		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1997				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Excellent	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Good	
Road Surface	Poor	Wilderness

DECK

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-485	Structure Name:	G5-485	Road Name:	SUSTUT	Inspection Date:	2019/06/26

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	rotting
Deck Joints	Poor	Cracking and spalling
Grout Pockets	Good	
Hardware	Poor	loose from rotting timbers
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	

PIERS

Pier 1

Bearings	Good	
Bracing or Sheathing	Good	
Caps	Good	
Cribs	Not Applicable	
Dolphins	Good	
Hardware	Good	
Overall	Good	
Piles or Posts	Good	
Riprap	Not Applicable	
Wall	Not Applicable	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-485	Structure Name:	G5-485	Road Name:	SUSTUT	Inspection Date:	2019/06/26

CHANNEL

Estimated Present Water Level Depth:	1.0	**Estimated Present Water Level Width:**	6.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$ 0.00	Repair grout joints
2	Required	High	$ 0.00	Replace curbs

MONITORS

#	Description

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: Load Rate to 5 tonnes until curbs are replaced and the grout joints are repaired.

GENERAL

Estimated Load Restriction (year):	2037	**Estimated Replacement (year):**			
Current Inspection Load Rating:	5	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/01/24 12:42:49		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-487	**Structure Name:**	G5-487	**Road Name:**	SUSTUT	**Inspection Date:**	2019/06/25
KM:	19.00	**User km:**	19.00	**Crossing Name:**	February Creek	**Next Inspection Date:**	2022/06/25
Project File ID #:	9388	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	18.7	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18.7
UTM Zone:	9	**UTM Easting:**	436917	**UTM Northing:**	6242426		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1999				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Good	
Caps or Sills	Good	sill
Fill	Good	
Hardware	Good	
Piles or Posts	Good	pile
Riprap	Good	some signs of scower
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	corner
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	0	None
Road Surface	Poor	wilderness

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-487	Structure Name:	G5-487	Road Name:	SUSTUT	Inspection Date:	2019/06/25

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	Rot left downstream missing bolt
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	3.0	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 0.00	Repair Curb or replace all curbs

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-487	Structure Name:	G5-487	Road Name:	SUSTUT	Inspection Date:	2019/06/25

GENERAL	Inspector's Comment:	
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2049	Estimated Replacement (year):				
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:		
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/02/03 11:16:37			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-491	**Structure Name:**	G5-491	**Road Name:**	SUSTUT	**Inspection Date:**	2019/06/26

KM:	19.40	**User km:**	19.40	**Crossing Name:**	Unnamed Creek	**Next Inspection Date:**	2022/06/26
Project File ID #:	9388	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** **Left**	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	**Right**	Steel Pipe and Precast Pad

Total Length (metres):	17.9	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	17.9
UTM Zone:	9			**UTM Easting:**	622762	**UTM Northing:**	6243586

Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2001
Access:	Fly-in only.		

ABUTMENTS

Bearings	Fair	left side may be compressing rubber pads
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	sill
Fill	Good	
Hardware	Good	
Piles or Posts	Good	piles
Riprap	Fair	Scour around ends
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Poor	wilderness

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-491	Structure Name:	G5-491	Road Name:	SUSTUT	Inspection Date:	2019/06/26

DECK

Span 1

Concrete Deck	Good	dirt with organics
Curb Rail/Blocks/Posts	Fair	some rot found
Deck Joints	Good	
Grout Pockets	Fair	flaking of surface of grout
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	Yes	**Ice:**	No	**Debris:**	Yes	**Aggradation:**	No

Comment: dead pine under bridge

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$	replace curbs
2	Required	Low	$	clean deck

MONITORS

#	Description
1	Grout pockets

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-491	Structure Name:	G5-491	Road Name:	SUSTUT	Inspection Date:	2019/06/26

GENERAL	Inspector's Comment:	
GENERAL	PEng's Comment:	

GENERAL							
Estimated Load Restriction (year):	2041	Estimated Replacement (year):					
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100		
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/03/09 10:19:19				

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-492	**Structure Name:**	G5-492	**Road Name:**	SUSTUT	**Inspection Date:**	2019/06/26
KM:	20.80	**User km:**	20.80	**Crossing Name:**	Unnamed Creek	**Next Inspection Date:**	2022/06/26
Project File ID #:	9388	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Concrete
Curb Type:		**Abutments (looking downstream)** Left	Steel Pipe and Precast Pad
Superstructure:	Steel I-beam	Right	Steel Pipe and Precast Pad

Total Length (metres):	15.6	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.6
UTM Zone:	9	**UTM Easting:**	623984	**UTM Northing:**	6242861		
Inspector Name:	Colton Polson	**Year Superstructure Installed:**	2001				

Access: Fly-in only.

ABUTMENTS

Bearings	Poor	left - delaminating / squished, right failed due to cap lean
Bracing	Not Applicable	
Ballast Wall	Good	some localized spalding at girder end
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	right cap lean 12, left ok
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	one laying on ground one missing
Brushing Required	Yes	bridge completly overgrown
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Fair	missing transition nose
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Poor	wilderness, needs grading

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-492	Structure Name:	G5-492	Road Name:	SUSTUT	Inspection Date:	2019/06/26

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Poor	rotten
Deck Joints	Good	
Grout Pockets	Not Applicable	covered in moss
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	
Running Surface	Poor	moss on sides

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	welded
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	1.8		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$	replace bearing pad
2	Required	High	$	reset left abutment to plum

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-492	Structure Name:	G5-492	Road Name:	SUSTUT	Inspection Date:	2019/06/26

GENERAL	**Inspector's Comment:**	recommend 5 ton load, cap lean needs to be fixed prior to any use. may be a global soil move or terrain issue causing lean of sill cap\piles, bearing belt\pad damaged.
GENERAL	**PEng's Comment:**	Bridge to be posted at 5 tonnes until all the repairs are completed. There is an structural issue with this bridge.

GENERAL						
Estimated Load Restriction (year):	2041	**Estimated Replacement (year):**				
Current Inspection Load Rating:	5	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/07 12:37:40			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-488	**Structure Name:**	G5-488	**Road Name:**	SUSTUT NORTH	**Inspection Date:**	2019/06/25
KM:	0.70	**User km:**	0.70	**Crossing Name:**	Sustut River	**Next Inspection Date:**	2022/06/25
Project File ID #:	9388	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Composite	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Sill - Permanent Materials
Superstructure:	Steel I-beam	**Right**	Sill - Permanent Materials

Total Length (metres):	173.	**# Spans:**	3	**Span Width:**		**Span Length(s) (metres):**	45.1, 65, 63.4
UTM Zone:	9	**UTM Easting:**	431790	**UTM Northing:**	6242025		
Inspector Name:	Colton Polson	**Year Superstructure Installed:**	2003				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	0	None
Road Surface	Fair	Wilderness

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-488	Structure Name:	G5-488	Road Name:	SUSTUT NORTH	Inspection Date:	2019/06/25

DECK

Span 1

Concrete Deck	Fair	Moss on deck
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Good	
Overall Deck Condition	Good	

Span 2

Concrete Deck	Fair	Moss on deck
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	Finger joint in good condition
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Good	
Overall Deck Condition	Good	drain spouts broken, drains still fuction

Span 3

Concrete Deck	Fair	Moss on deck
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Good	
Overall Deck Condition	Good	

PIERS

Pier 1

Bearings	Good	
Bracing or Sheathing	Good	
Caps	Good	
Cribs	Not Applicable	

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Site #:	G5-488	Structure Name:	G5-488	Road Name:	SUSTUT NORTH	Inspection Date:	2019/06/25

Dolphins	Not Applicable	
Hardware	Good	
Overall	Good	
Piles or Posts	Good	
Riprap	Not Applicable	
Wall	Not Applicable	
Pier 2		
Bearings	Good	
Bracing or Sheathing	Good	
Caps	Good	
Cribs	Not Applicable	
Dolphins	Not Applicable	
Hardware	Good	
Overall	Good	
Piles or Posts	Good	
Riprap	Not Applicable	
Wall	Not Applicable	
SUPERSTRUCTURE		
Span 1		
Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	
Span 2		
Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	
Span 3		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-488	Structure Name:	G5-488	Road Name:	SUSTUT NORTH	Inspection Date:	2019/06/25

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	2.0	**Estimated Present Water Level Width:**	5.0
Estimated High Water Level Clearance:	20.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	Yes	**Debris:**	No	**Aggradation:**	No
Comment:	Canyon								

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	bridge in good condition. schedule for drone inspection.

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2053	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/03 11:12:49		

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-489	**Structure Name:**	G5-489	**Road Name:**	SUSTUT	**Inspection Date:**	2016/09/12

KM:	2.50	**User km:**		**Crossing Name:**	unknown	**Next Inspection Date:**	2022/08/01
Project File ID #:	9388	**Br.**	03	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	7.5	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	1
UTM Zone:	9	**UTM Easting:**	619233	**UTM Northing:**	6242008		
Inspector Name:	Vince Sewell	**Year Superstructure Installed:**	2009				

Access:

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Poor	Untreated logs, soft with lots of fungus
Concrete Lock Blocks	Fair	High chain middle 2 blocks are low
Corrosion Protection	Good	
Caps or Sills	Good	
Fill	Good	
Hardware	Fair	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	prior to industrial use
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Fair	
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-489	Structure Name:	G5-489	Road Name:	SUSTUT	Inspection Date:	2016/09/12

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Fair	
Running Planks	Poor	Soft with fungus, replace prior to industrial use
Ties	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	1.2		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$ 1.00	Replace deck and ballast walls prior to industrial use. MD

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-489	Structure Name:	G5-489	Road Name:	SUSTUT	Inspection Date:	2016/09/12

GENERAL	**Inspector's Comment:**	Deck and ballast walls rotting, high chain lock blocks settling. Recommend assigning low load rating until structure loading is proven and repairs completed. MD
GENERAL	**PEng's Comment:**	Need to confirm load capacity of structure.

GENERAL						
Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**				
Current Inspection Load Rating:	30	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2017/05/02 15:29:32			

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-493	**Structure Name:**	G5-493	**Road Name:**	SUSTUT SOUTH	**Inspection Date:**	2019/06/26

KM:	0.40	**User km:**	0.40	**Crossing Name:**	Unnamed Creek	**Next Inspection Date:**	2022/06/26
Project File ID #:	9388	**Br.**	04	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	27.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	17.9
UTM Zone:	9	**UTM Easting:**	616751	**UTM Northing:**	6242674		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2003				
Access:	Fly-in only.						

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Fair	some movement on right abutment
Corrosion Protection	Not Applicable	
Caps or Sills	Good	caps
Fill	Good	
Hardware	Good	
Piles or Posts	Good	piles
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	wilderness

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-493	Structure Name:	G5-493	Road Name:	SUSTUT SOUTH	Inspection Date:	2019/06/26

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	Rotten, replace
Deck to Girder Bolts	Poor	most clips missing
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Poor	due to deck rot
Overall Deck Condition	Poor	rotting components
Running Planks	Poor	Rotten, replace
Sub Deck	Poor	Rotten, replace
Ties	Poor	Rotten, replace

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$	replace all deck components, deck modules

MONITORS

#	Description
1	right abutment \ ballast wall

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-493	Structure Name:	G5-493	Road Name:	SUSTUT SOUTH	Inspection Date:	2019/06/26

GENERAL	**Inspector's Comment:**	down rate to 5 ton untill deck replacement
GENERAL	**PEng's Comment:**	Bridge to be posted at 5 tonnes until deck is replaced.

GENERAL						
Estimated Load Restriction (year):	2043	**Estimated Replacement (year):**				
Current Inspection Load Rating:	5	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/03/05 11:37:52			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-427	**Structure Name:**	G5-427	**Road Name:**	ROTTAKER	**Inspection Date:**	2019/10/04
KM:	1.40	**User km:**	1.40	**Crossing Name:**	Rottacker Creek	**Next Inspection Date:**	2022/10/04
Project File ID #:	9487	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete Removable	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	25.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	25
UTM Zone:	10	**UTM Easting:**	358885	**UTM Northing:**	6130631		
Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1994				
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Good	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Fair	LOG FENDERS
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-427	Structure Name:	G5-427	Road Name:	ROTTAKER	Inspection Date:	2019/10/04

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	4.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 500.00	INSTALL BRIDGE SIGNS AND DELINEATEORS

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-427	Structure Name:	G5-427	Road Name:	ROTTAKER	Inspection Date:	2019/10/04

GENERAL	**Inspector's Comment:**	ALL GOOD EXCEPT NO SIGNS OR DELINIATORS
GENERAL	**PEng's Comment:**	will do a field review this summer to see if there are any serious issues with the grout pockets and girders.

GENERAL						
Estimated Load Restriction (year):	2034	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2020/02/07 13:52:57			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-506	**Structure Name:**	G5-506	**Road Name:**	EAGLE	**Inspection Date:**	2020/09/22

KM:	16.50	**User km:**	16.50	**Crossing Name:**	Eagle Creek	**Next Inspection Date:**	2023/09/22
Project File ID #:	9532	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	21.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	21
UTM Zone:	10	**UTM Easting:**	393993	**UTM Northing:**	6093573		
Inspector Name:	vince Sewell	**Year Superstructure Installed:**	2000				

Access: This structure was reported as deactivated, but is still installed at this site.
516.5 Km Inzana Lake west FSR.

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Good	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	1	High chain
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-506	Structure Name:	G5-506	Road Name:	EAGLE	Inspection Date:	2020/09/22

DECK

Span 1

Concrete Deck	Good	some dirt, could be swept
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	3.5
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-506	Structure Name:	G5-506	Road Name:	EAGLE	Inspection Date:	2020/09/22

GENERAL	**Inspector's Comment:**	5458'39.8" x 12439'23.6
GENERAL	**PEng's Comment:**	looks good

GENERAL						
Estimated Load Restriction (year):	2050	**Estimated Replacement (year):**				
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/02 12:36:44			

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-505	**Structure Name:**	G5-505	**Road Name:**	EAGLE	**Inspection Date:**	2021/07/21
KM:	9.10	**User km:**	20.00	**Crossing Name:**	Un-named Creek	**Next Inspection Date:**	2024/07/21
Project File ID #:	9532	**Br.**	02	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Concrete	**Running Surface:**	Concrete
Curb Type:		**Abutments** (looking downstream) **Left**	Pile -Permanent Materials
Superstructure:	Steel I-beam	**Right**	Pile -Permanent Materials

Total Length (metres):	15.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15
UTM Zone:	10	**UTM Easting:**	396670	**UTM Northing:**	6092255		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1996				

Access: Deactivation planned for 2020, did not occur. GZ

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	Post
Riprap	Fair	Loose not locked in together well
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	1	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	Rotted Away
Posted Load Rating (Enter 0 if sign missing)	0	
Road Surface	Poor	Wilderness level

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-505	Structure Name:	G5-505	Road Name:	EAGLE	Inspection Date:	2021/07/21

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Fair	some rot, overall solid
Deck Joints	Good	gaps at ballast walls
Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Unrated	Remove from this schedule only concrete deck

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
10	Required	High		Replace missing delineator
11	Required	High		Install approach fenders
12	Required	High		Add bridge ahead signage
13	Required	Medium		Brush approaches

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-505	Structure Name:	G5-505	Road Name:	EAGLE	Inspection Date:	2021/07/21

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Curbs and risers are currently functional, but further deterioration will reduce load rating.

GENERAL

Estimated Load Restriction (year):	2036	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jordan Smith on 2022/02/10 15:15:52		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-058	**Structure Name:**	G5-058	**Road Name:**	DUST	**Inspection Date:**	2019/10/03
KM:	2.90	**User km:**	2.90	**Crossing Name:**	Dust Creek Tributary	**Next Inspection Date:**	2022/10/03
Project File ID #:	9534	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Round	**Culvert Material:**	Corrugated Steel
Inlet Cover (mm):	3,000	**Outlet Cover (mm):**	3,000
Footing Type:		**Gradient (%):**	

Culvert Length (metres):	20.1	**Opening Height (mm):**	3,000	**Opening Width (mm):**	3,000
UTM Zone:	9	**UTM Easting:**	496870	**UTM Northing:**	6135683

Inspector Name:	Dawson SMITH	**Year Superstructure Installed:**	1999
Access:			

APPROACHES

Alignment	Good	
Brushing Required	No	
Road Surface	Good	

CULVERT ELEMENT

Bolted Connections	Good	
Coating	Good	
Embedment Materials	Good	
Fill	Good	
Head Wall	Good	
Inlet	Good	
Outlet	Good	
Overall	Good	
Roof	Good	
Side Walls	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-058	Structure Name:	G5-058	Road Name:	DUST	Inspection Date:	2019/10/03

CHANNEL

Estimated Present Water Level Depth:	0.5	Estimated Present Water Level Width:	0.2
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	3.05 KM

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2049	Estimated Replacement (year):	
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/01/30 15:50:18		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-029	**Structure Name:**	G1-937	**Road Name:**	DAVIS	**Inspection Date:**	2018/09/27

KM:	6.52	**User km:**	6.52	**Crossing Name:**	Unknown	**Next Inspection Date:**	2022/09/01
Project File ID #:	9749	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Sill -Temporary Materials
Superstructure:	Steel I-beam	**Right**	Sill -Temporary Materials

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15
UTM Zone:	10	**UTM Easting:**	396205	**UTM Northing:**	6006918		
Inspector Name:	Adam Mathison, GradTech	**Year Superstructure Installed:**					
Access:							

ABUTMENTS

Bearings	Poor	Burned
Bracing	Not Applicable	
Ballast Wall	Poor	Burned
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	Burned
Fill	Fair	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	1	
Fender Condition	Good	
Road Surface	Fair	

DECK

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-029	Structure Name:	G1-937	Road Name:	DAVIS	Inspection Date:	2018/09/27

Span 1

Curb Rail/Blocks/Posts	Poor	Burned
Deck to Girder Bolts	Not Applicable	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Poor	Burned
Overall Deck Condition	Poor	Burned
Running Planks	Poor	Burned
Sub Deck	Poor	Burned
Ties	Poor	Burned

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.3
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$	Rebuild structure

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-029	Structure Name:	G1-937	Road Name:	DAVIS	Inspection Date:	2018/09/27

GENERAL	**Inspector's Comment:**	Structure burned in 2018 and is no longer passable.
GENERAL	**PEng's Comment:**	Bridge should be barricaded. If bridge is no longer needed than it should be deactivated.

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	0	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	L75
Professional Inspection Required?	Yes	**Report Status:**	Reviewed By Jason Olmsted on 2019/01/31 08:58:35		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-495	**Structure Name:**	G5-495	**Road Name:**	A50763	**Inspection Date:**	2005/10/02
KM:	1.10	**User km:**	1.10	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2007/10/02
Project File ID #:	9930	**Br.**	01	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments** (looking downstream) **Left**	Concrete Precast
Superstructure:		**Right**	Concrete Precast

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10	**UTM Easting:**	357427	**UTM Northing:**	6147022		
Inspector Name:	Dave Burgess	**Year Superstructure Installed:**	2000				

Access: Tchentlo FSR km 8 Left onto
Rottacker FSR km 10.8 Left onto

ABUTMENTS

Bracing	Good	No Comment Available -Converter.RNI
Ballast Wall	Good	No Comment Available -Converter.RNI
Caps or Sills	Good	No Comment Available -Converter.RNI
Fill	Good	No Comment Available -Converter.RNI
Hardware	Good	No Comment Available -Converter.RNI
Riprap	Poor	No Comment Available -Converter.RNI

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	1	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	1	No Comment Available -Converter.RNI
Fender Condition	Good	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI
Road Surface	Poor	No Comment Available -Converter.RNI

DECK

Span 1

Deck to Girder Bolts	Excellent	No Comment Available -Converter.RNI
Hardware	Good	No Comment Available -Converter.RNI
Running Planks	Excellent	No Comment Available -Converter.RNI
Sub Deck	Excellent	No Comment Available -Converter.RNI

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-495	Structure Name:	G5-495	Road Name:	A50763	Inspection Date:	2005/10/02

Ties	Excellent	No Comment Available -Converter.RNI

CHANNEL

Estimated Present Water Level Depth:		Estimated Present Water Level Width:	
Estimated High Water Level Clearance:	2.5		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Suggested	High	$ 0.00	Span: 0.0. Delineator maintenance. Add Delineators, 1 left and 1 right..
2	Suggested	High	$ 0.00	Span: 0.0. Bridge Ahead Signs. Add 2 Bridge Ahead Signs.

MONITORS

#	Description
1	Monitor LC abutment for scour as rip rap is light. (OK Chinch03) (No maintenance until hauling commences) No further inspections until notified by BCTS that structure being used.

GENERAL

Inspector's Comment:	nullPerm_Span: Never hauled on yet.. Perm_Sup: 15) Visual not torqued.

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):		Estimated Replacement (year):	
Current Inspection Load Rating:	68	Design Load GVW (tonnes):	68	Design Vehicle Config.:	
Professional Inspection Required?	No	Report Status:	Accepted By Raymond Getzlaf on 2012/04/12 00:00:00		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-142	**Structure Name:**	G5-142	**Road Name:**	A52153 CP 30	**Inspection Date:**	2017/06/15
KM:	26.90	**User km:**	26.90	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2020/06/15
Project File ID #:	R13151	**Br.**	A	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Pipe Arch		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	600		**Outlet Cover (mm):**	600	
Footing Type:			**Gradient (%):**		
Culvert Length (metres):	12.0	**Opening Height (mm):**	1,270	**Opening Width (mm):**	1,900
UTM Zone:	10	**UTM Easting:**	350297	**UTM Northing:**	6158991
Inspector Name:	Justin Beveridge		**Year Superstructure Installed:**	1987	
Access:	Road has been transferred to an RP. Do not inspect - CP Oct 2020				

APPROACHES

Alignment	Fair	
Road Surface	Fair	potholes

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Poor	left culvert roof has collapsed approx. 30cm at connection
Coating	Fair	
Embedment Materials	Poor	not embedded properly
Fill	Fair	oversteepened d/s. ravelling from water off road
Floor	Fair	
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	
Overall	Fair	
Riprap	Good	
Roof	Poor	left culvert roof has collapsed approx. 30cm at connection. Right culvert is good.
Side Walls	Fair	
Trash Rack	Not Applicable	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-142	Structure Name:	G5-142	Road Name:	A52153 CP 30	Inspection Date:	2017/06/15

Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	4.5
Estimated High Water Level Clearance:	0.7		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	Yes

Comment: some minor aggradation at inlet.

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	monitor left culvert for further collapse of roof.

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment: Monitor left culvert for further settlement.

GENERAL

Estimated Load Restriction (year):	2027	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Ross Hyam on 2018/04/30 17:08:54		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-185	**Structure Name:**	G4-185	**Road Name:**	R21455 SEC.AW	**Inspection Date:**	2019/08/08

KM:	1.00	**User km:**	1.00	**Crossing Name:**	Un-named	**Next Inspection Date:**	2019/08/08
Project File ID #:	R21455	**Br.**	AW	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Steel	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Sill -Temporary Materials
Superstructure:	Steel Box Beam	Right	Sill -Temporary Materials

Total Length (metres):	6.1	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	6.1
UTM Zone:	10	**UTM Easting:**	422270	**UTM Northing:**	6006618		
Inspector Name:	dawson smith	**Year Superstructure Installed:**	2011				
Access:	Vanderhoof Community Forest RP						

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	1	
Fender Condition	None	
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-185	Structure Name:	G4-185	Road Name:	R21455 SEC.AW	Inspection Date:	2019/08/08

Span 1

Curb Rail/Blocks/Posts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Steel Deck Plate	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	Estimated Present Water Level Width:	0.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Low	$ 250.00	INSTALL MISSING DELINEATORS AND LOAD RATING SIGN
2	Required	Low	$ 500.00	brushing

MONITORS

#	Description

GENERAL

Inspector's Comment:

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-185	Structure Name:	G4-185	Road Name:	R21455 SEC.AW	Inspection Date:	2019/08/08

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2030	Estimated Replacement (year):	
Current Inspection Load Rating:	64	Design Load GVW (tonnes):	64
Design Vehicle Config.:	BCL62		
Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2020/01/22 10:47:30

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-170	**Structure Name:**	G4-170A	**Road Name:**	R21455 SEC.AX	**Inspection Date:**	2018/09/23

KM:	6.50	**User km:**	9.00	**Crossing Name:**	Unknown	**Next Inspection Date:**	2018/09/23
Project File ID #:	R21455	**Br.**	AX	**Forest District:**	Stuart Nechako Natural Resource District		

Culvert Type:	Open Bottom		**Culvert Material:**	Corrugated Steel	
Inlet Cover (mm):	750		**Outlet Cover (mm):**	1,000	
Footing Type:	Precast Concrete Footing		**Gradient (%):**		
Culvert Length (metres):	20.0	**Opening Height (mm):**	2,360	**Opening Width (mm):**	5,790
UTM Zone:	10	**UTM Easting:**	431081	**UTM Northing:**	6003786
Inspector Name:	Adam Mathison, GradTech	**Year Superstructure Installed:**			
Access:	Vanderhoof Community Forest RP				

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Good	
Fill	Good	
Floor	Fair	Beaver dam under construction inside of culvert
Footing	Good	Exposed upstream right corner
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Good	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Major Culvert Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001C

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-170	Structure Name:	G4-170A	Road Name:	R21455 SEC.AX	Inspection Date:	2018/09/23

Overall	Good	
Riprap	Fair	Riprap too small over footings
Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	2.5
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Monitor beaver activity in and around pipe
2	Monitor footing exposure

GENERAL

Inspector's Comment: Culvert in overall good condition. Beaver dam under construction in culvert. Monitor beaver activity.

GENERAL

PEng's Comment:

GENERAL

Estimated Load Restriction (year):	2040	**Estimated Replacement (year):**			
Current Inspection Load Rating:	68	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	CL625
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2019/01/31 08:53:15		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-145	**Structure Name:**	G5-145	**Road Name:**	GERMANSEN	**Inspection Date:**	2020/10/06
KM:	48.30	**User km:**	48.30	**Crossing Name:**	Twin Creek	**Next Inspection Date:**	2022/10/06
Project File ID #:	R22292	**Br.**	DB	**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Log or Untreated Timber
Superstructure:	Log Stringers	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	11.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	11
UTM Zone:	10	**UTM Easting:**	363430	**UTM Northing:**	6164334		
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1995				
Access:	Road has been transferred to an RP. Do not inspect. CP Oct 2020						

ABUTMENTS

Bearings	Fair	Several spacers between log sill and Log Strings are rotting and soft, made from plywood and 2x6
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	Surface Rot
Fill	Good	
Hardware	Fair	
Log/Timber Cribs	Fair	Surface Rot
Piles or Posts	Not Applicable	
Riprap	Fair	
Tie-backs	Fair	Surface Rot
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-145	Structure Name:	G5-145	Road Name:	GERMANSEN	Inspection Date:	2020/10/06

Posted Load Rating (Enter 0 if sign missing)	1	
Road Surface	Poor	wilderness

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	log curbs, surface rot 5-10cm depth
Deck to Girder Bolts	Not Applicable	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Fair	
Running Planks	Not Applicable	
Sub Deck	Fair	Rot Found, soft boards
Ties	Fair	all tested were solid

STRINGERS

Span 1

Stringer	Diameter or Width X Depth	Peeled	Rot Depth (Bottom)	Rot Depth (Side)	Rot Depth (Top)	Wood Species	Comments
1	570	No	0	0	0	sx	found to be solid
2	600	Yes	0	0	0	sx	found to be solid
3	560	Yes	0	0	0	sx	found to be solid
4	590	Yes	0	0	0	sx	found to be solid
5	510	Yes	0	0	0	sx	found to be solid
6	490	Yes	0	0	0	sx	found to be solid

Log Curbs	Fair	log curbs, surface rot 5-10cm depth
Needle Beam(s) and Shims	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.0	**Estimated Present Water Level Width:**	8.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	Yes	**Scour:**	Yes	**Ice:**	No	**Debris:**	Yes	**Aggradation:**	No
Comment:	left abutment sitting in stream, fast water could be scouring under. logs under and pushed up against bridge.								

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-145	Structure Name:	G5-145	Road Name:	GERMANSEN	Inspection Date:	2020/10/06

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

GENERAL

Inspector's Comment:	Bridge is not on FSR, FLNRO carries out inspection as it is on the land base but does not "own" this bridge. bridge re-posted from 45000kg to 5000kg

GENERAL

PEng's Comment:	This bridge is on a RP. Bridge will not be monitored anymore. RP holder is responsible for everything.

GENERAL

Estimated Load Restriction (year):	2002	**Estimated Replacement (year):**		2015	
Current Inspection Load Rating:	5	**Design Load GVW (tonnes):**	45	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/01 11:39:53		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-STOR	**Structure Name:**	G4-036	**Road Name:**		**Inspection Date:**	2008/11/07
KM:		**User km:**		**Crossing Name:**	Vanderhoof District	**Next Inspection Date:**	2012/04/20
Project File ID #:		**Br.**		**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Log or Untreated Timber
Superstructure:	Steel I-beam	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	12.1	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.1
UTM Zone:	10			**UTM Easting:**	434873	**UTM Northing:**	5984828
Inspector Name:	Vince Sewell			**Year Superstructure Installed:**		2007	
Access:	Vanderhoof District Office						

ABUTMENTS

Bearings	Unrated	na
Bracing	Not Applicable	
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	
Fill	Good	
Hardware	Not Applicable	
Log/Timber Cribs	Fair	still solid - but untreated 1.4 years old
Piles or Posts	Not Applicable	
Riprap	Not Applicable	none needed
Tie-backs	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	1	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G4-STOR	Structure Name:	G4-036	Road Name:		Inspection Date:	2008/11/07

Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	treated
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	0.8		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-STOR	Structure Name:	G4-036	Road Name:		Inspection Date:	2008/11/07

MONITORS

#	Description

GENERAL

Inspector's Comment:	The bridge itself is in very good condition. The untreated cribs are still solid but their age will soon start to show. No industrial use at this time and this bridge is behind G4-028 with a 10 tonne load rating.

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):		2020	**Estimated Replacement (year):**		
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By IDIR\JOLMSTED on 2013/05/27 16:28:27		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	**Structure Name:**	G5-923	**Road Name:**		**Inspection Date:**	2020/09/09

KM:		**User km:**		**Crossing Name:**	Ft St James District	**Next Inspection Date:**	2023/09/09
Project File ID #:		**Br.**		**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10			**UTM Easting:**	418198	**UTM Northing:**	6031130
Inspector Name:	Warren Wilkinson			**Year Superstructure Installed:**		2000	
Access:	Fort St. James bridge storage site - see individual structures for specific storage locations.						

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	no rot 12x12
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	covered in dirt
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Fair	
Posted Load Rating (Enter 0 if sign missing)	0	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G5-STOR	Structure Name:	G5-923	Road Name:		Inspection Date:	2020/09/09

Road Surface	Poor	wilderness

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	rot in curbs, steel posts\risers attached to roted ties
Deck to Girder Bolts	Not Applicable	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Poor	bridge deck in poor condition due to rot in many structure elements.
Running Planks	Poor	rot
Sub Deck	Poor	Rot and fungus as seen from below
Ties	Poor	Rot and fungus as seen from below

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
8	Required	High		Replace deck
9	Required	Medium		Brushing needed

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	Structure Name:	G5-923	Road Name:		Inspection Date:	2020/09/09

MONITORS

#	Description

GENERAL

Inspector's Comment:	
PEng's Comment:	Bridge deck needs replacing. Bridge to be posted at 30 tonnes until all repairs are completed

GENERAL

Estimated Load Restriction (year):	2030	**Estimated Replacement (year):**			
Current Inspection Load Rating:	30	**Design Load GVW (tonnes):**	68	**Design Vehicle Config.:**	L75
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/04 14:14:36		

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-STOR	**Structure Name:**	G4-145	**Road Name:**		**Inspection Date:**	2011/07/19

KM:		**User km:**		**Crossing Name:**	Vanderhoof District	**Next Inspection Date:**	2014/07/19
Project File ID #:		**Br.**		**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	8.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	8.2
UTM Zone:	10			**UTM Easting:**	434873	**UTM Northing:**	5984828
Inspector Name:	Vince Sewell			**Year Superstructure Installed:**		2002	
Access:	Vanderhoof District Office						

ABUTMENTS

Bearings	Not Applicable	
Bracing	Good	
Ballast Wall	Good	
Concrete Precast	Good	
Corrosion Protection	Good	
Caps or Sills	Fair	North side crushed - no change from last inspection
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Poor	North side not effective South side DS rotten
Posted Load Rating (Enter 0 if sign missing)	54	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G4-STOR	Structure Name:	G4-145	Road Name:		Inspection Date:	2011/07/19

Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	starting to get soft but ok for now
Deck to Girder Bolts	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.4	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	0.8		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-STOR	Structure Name:	G4-145	Road Name:		Inspection Date:	2011/07/19

MONITORS

#	Description
1	HC outside Lock Blocks appear to have settled.
2	curbs for rot

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2022	Estimated Replacement (year):	
Current Inspection Load Rating:	54	Design Load GVW (tonnes):	54
Design Vehicle Config.:	
Professional Inspection Required?	No
Report Status:	Accepted By Jason Olmsted on 2013/05/27 00:00:00

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	**Structure Name:**	G5-940	**Road Name:**		**Inspection Date:**	2010/05/13
KM:		**User km:**		**Crossing Name:**	Ft St James District	**Next Inspection Date:**	2012/05/13
Project File ID #:		**Br.**		**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Sill -Temporary Materials
Superstructure:	Steel I-beam	**Right**	Sill -Temporary Materials

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10			**UTM Easting:**	418198	**UTM Northing:**	6031130
Inspector Name:	wwilkinson/sforshner			**Year Superstructure Installed:**		2006	

Access: Fort St. James bridge storage site - see individual structures for specific storage locations.

ABUTMENTS

Bearings	Fair	left bearing not centered on sill log
Bracing	Not Applicable	
Ballast Wall	Good	some materieals coming down from top of ballast wall
Corrosion Protection	Not Applicable	
Caps or Sills	Good	un-pealed spruce logs
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Fender Condition	None	
Road Surface	Fair	

DECK

Span 1

Corporate Bridge Register (CBR)

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	Structure Name:	G5-940	Road Name:		Inspection Date:	2010/05/13

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Not Applicable	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.4	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	1.2		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	right bearing not centered on sill log, right bearing the girder is seitting on sill log

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	Structure Name:	G5-940	Road Name:		Inspection Date:	2010/05/13

GENERAL	**Inspector's Comment:**	bridge is longer then the abutment placements, bridge girder is sitting on sill log left abutment, bearing is not centered on right abutment.
GENERAL	**PEng's Comment:**	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2020	**Estimated Replacement (year):**			
Current Inspection Load Rating:	91	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By Raymond Getzlaf on 2011/04/28 00:00:00		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	**Structure Name:**	G5-250	**Road Name:**		**Inspection Date:**	2013/08/28

KM:		**User km:**		**Crossing Name:**	Ft St James District	**Next Inspection Date:**	2015/08/28
Project File ID #:		**Br.**		**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Crib, Log or Untreated Timber
Superstructure:	Log Stringers	**Right**	Crib, Log or Untreated Timber

Total Length (metres):	6.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	6

UTM Zone:	10	**UTM Easting:**	418198	**UTM Northing:**	6031130
Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	1988		
Access:	Fort St. James bridge storage site - see individual structures for specific storage locations.				

ABUTMENTS

Bearings	Fair	
Bracing	Fair	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	
Fill	Good	
Hardware	Not Applicable	
Log/Timber Cribs	Poor	outside logs and logs on bottom row are in a rotting condition
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Tie-backs	Fair	some are rotting others appear reasonably sound
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	Structure Name:	G5-250	Road Name:		Inspection Date:	2013/08/28

Road Surface	Poor	overgrown wilderness level road

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	curp logs very rotten, spruce peeled
Deck to Girder Bolts	Not Applicable	
Hardware	Poor	steel cables used to hold curbs t bridge are loose due to rotting curbs
Hand Rails/Walkouts	Not Applicable	
Nails	Poor	loose and coming up
Overall Deck Condition	Poor	log bridge long past planed lifespan 10 years over planned lifespan
Running Planks	Poor	100% of boards were found to have rot
Sub Deck	Poor	90% of boards have some rot\soft spots
Ties	Poor	rot found in outside portion of ties not covered by deck

STRINGERS

Span 1

Stringer	Diameter or Width X Depth	Peeled	Rot Depth (Bottom)	Rot Depth (Side)	Rot Depth (Top)	Wood Species	Comments
1	520	Yes	0	0	20	FC	estimate of rot
2	600	Yes	0	0	20	Fd	estimate of rot
3	530	Yes	0	0	20	FD	estimate of rot
4	690	Yes	0	0	20	Fd	estimate of rot
5	530	Yes	0	0	20	fd	estimate of rot
6	680	No	0	0	20	fD	estimate of rot

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$	replace abutments \ replace deck

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	Structure Name:	G5-250	Road Name:		Inspection Date:	2013/08/28

MONITORS

#	Description

GENERAL

Inspector's Comment:	Pull or replace

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2000	**Estimated Replacement (year):**			
Current Inspection Load Rating:	0	**Design Load GVW (tonnes):**	0	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By Jason Olmsted on 2014/05/12 14:24:35		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-STOR	**Structure Name:**	G4-929	**Road Name:**		**Inspection Date:**	2013/08/29

KM:		**User km:**		**Crossing Name:**	Vanderhoof District	**Next Inspection Date:**	2015/08/29
Project File ID #:		**Br.**		**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated - Panels	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Sill -Temporary Materials
Superstructure:	Steel I-beam	**Right**	Sill -Temporary Materials

Total Length (metres):	15.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	15.2
UTM Zone:	10			**UTM Easting:**	434873	**UTM Northing:**	5984828
Inspector Name:	Warren Wilkinson			**Year Superstructure Installed:**		2018	
Access:	Vanderhoof District Office						

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	un-pealed spruce logs
Corrosion Protection	Not Applicable	
Caps or Sills	Good	left pealed fir log, right un-pealed fir log
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	left off sharp corner
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-STOR	Structure Name:	G4-929	Road Name:		Inspection Date:	2013/08/29

Span 1

Curb Rail/Blocks/Posts	Fair	one upstream one downstream with rot
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Fair	several have rot the rest are sound
Sub Deck	Fair	several have rot the rest are sound
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:	very slow stream								

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$	replace rotting deck boards and post and curbs

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-STOR	Structure Name:	G4-929	Road Name:		Inspection Date:	2013/08/29

GENERAL	Inspector's Comment:	
GENERAL	PEng's Comment:	

GENERAL						
Estimated Load Restriction (year):	2017	Estimated Replacement (year):				
Current Inspection Load Rating:	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100	
Professional Inspection Required?	No	Report Status:	Accepted By Jason Olmsted on 2014/04/16 10:51:20			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-STOR	**Structure Name:**	G4-914	**Road Name:**		**Inspection Date:**	2013/09/19

KM:		**User km:**		**Crossing Name:**	Vanderhoof District	**Next Inspection Date:**	2016/09/19
Project File ID #:		**Br.**		**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	16.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	16
UTM Zone:	10			**UTM Easting:**	434873	**UTM Northing:**	5984828
Inspector Name:	Warren Wilkinson			**Year Superstructure Installed:**		1997	
Access:	Vanderhoof District Office						

ABUTMENTS

Bearings	Good	cannot se right side
Bracing	Good	
Ballast Wall	Good	
Concrete Precast	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Fair	

APPROACHES

Alignment	Fair	Hills and corners both sides
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Posted Load Rating (Enter 0 if sign missing)	50	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Site #:	G4-STOR	Structure Name:	G4-914	Road Name:		Inspection Date:	2013/09/19

Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Fair	
Running Planks	Good	
Sub Deck	Poor	soft and rotting
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	2.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	replace deck

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-STOR	Structure Name:	G4-914	Road Name:		Inspection Date:	2013/09/19

MONITORS

#	Description

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	

GENERAL

Estimated Load Restriction (year):	2035	**Estimated Replacement (year):**			
Current Inspection Load Rating:	54	**Design Load GVW (tonnes):**	54	**Design Vehicle Config.:**	L60
Professional Inspection Required?	No	**Report Status:**	Accepted By Jason Olmsted on 2014/04/14 11:33:59		

Corporate Bridge Register (CBR)

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	**Structure Name:**	G5-930	**Road Name:**		**Inspection Date:**	2006/01/01
KM:		**User km:**		**Crossing Name:**	Ft St James District	**Next Inspection Date:**	2006/06/01
Project File ID #:		**Br.**		**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** Left	Other
Superstructure:	Steel I-beam	Right	Other

Total Length (metres):	18.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18
UTM Zone:	10	**UTM Easting:**	418198	**UTM Northing:**	6031130		
Inspector Name:	Unknown	**Year Superstructure Installed:**	2006				
Access:	Fort St. James bridge storage site - see individual structures for specific storage locations.						

APPROACHES

Bridge Ahead Signs Missing	2	No Comment Available -Converter.RNI
Delineator Missing Left (approaching structure)	2	No Comment Available -Converter.RNI
Delineator Missing Right (approaching structure)	2	No Comment Available -Converter.RNI
Posted Load Rating (Enter 0 if sign missing)	0.0	No Comment Available -Converter.RNI

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:	0.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	Structure Name:	G5-930	Road Name:		Inspection Date:	2006/01/01

GENERAL	Inspector's Comment:	
GENERAL	PEng's Comment:	

GENERAL							
	Estimated Load Restriction (year):	2030	Estimated Replacement (year):				
	Current Inspection Load Rating:	See footnote	Design Load GVW (tonnes):	100	Design Vehicle Config.:		
	Professional Inspection Required?	Yes	Report Status:	Rejected By IDIR\JOLMSTED on 2015/04/14 13:59:56			

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	**Structure Name:**	G5-601	**Road Name:**		**Inspection Date:**	2012/06/15

KM:		**User km:**		**Crossing Name:**	Ft St James District	**Next Inspection Date:**	2014/06/15
Project File ID #:		**Br.**		**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	12.2	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12.2
UTM Zone:	10			**UTM Easting:**	418198	**UTM Northing:**	6031130
Inspector Name:	Warren Wilkinson			**Year Superstructure Installed:**			
Access:	Fort St. James bridge storage site - see individual structures for specific storage locations.						

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Fair	Left upstream top board broken on outside
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	Left upstream Sill showing rot on end and bearing wall side
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	one homemade, and one damaged
Delineator Missing Right (approaching structure)	0	one homemade, and one damaged
Fender Condition	Fair	
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	Structure Name:	G5-601	Road Name:		Inspection Date:	2012/06/15

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	downstream curbs have splits in timbers
Deck to Girder Bolts	Good	only eight bolts
Hardware	Poor	rating due to deck condition
Hand Rails/Walkouts	Not Applicable	
Nails	Poor	Nails sticking up due to rot and ware of deck
Overall Deck Condition	Poor	rating due to deck condition
Running Planks	Not Applicable	
Sub Deck	Poor	many holes in deck, deck rotting, fungus on deck boards on underside
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Suggested	Medium	$	relace broken curb timbers
2	Suggested	High	$	Replace broken baring wall board at time of deck repair
3	Suggested	High	$	replace all decking

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	Structure Name:	G5-601	Road Name:		Inspection Date:	2012/06/15

MONITORS

#	Description

GENERAL

Inspector's Comment:	indications of tracked vehicle traffic on bridge Bridge down rated to 10 tonnes until deck is repaired and confirmation on steel capacity(need bridge file) on schedual for inspection, but have had request to inspect from BCTS as planned use for this bridge in 2012

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):		2020	**Estimated Replacement (year):**		
Current Inspection Load Rating:	10	**Design Load GVW (tonnes):**		**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Accepted By Jason Olmsted on 2013/04/17 00:00:00		

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-STOR	**Structure Name:**	G4-903	**Road Name:**		**Inspection Date:**	2016/07/12

KM:		**User km:**		**Crossing Name:**	Vanderhoof District	**Next Inspection Date:**	2018/07/12
Project File ID #:		**Br.**		**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Sill -Temporary Materials
Superstructure:	Steel I-beam	**Right**	Sill -Temporary Materials

Total Length (metres):	12.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	12
UTM Zone:	10			**UTM Easting:**	434873	**UTM Northing:**	5984828
Inspector Name:	Donovan J. A. Melin			**Year Superstructure Installed:**		1998	
Access:	Vanderhoof District Office						

ABUTMENTS

Bearings	Poor	not pinned to girders
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Good	
Caps or Sills	Poor	not pinned to girders
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Road Surface	Good	

DECK

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-STOR	Structure Name:	G4-903	Road Name:		Inspection Date:	2016/07/12

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Fair	not tightened in a few places
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Not Applicable	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$ 100.00	Post load limit of 41 tonnes sign.
2	Required	High	$ 500.00	Pin girders to timber sills.

MONITORS

#	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-STOR	Structure Name:	G4-903	Road Name:		Inspection Date:	2016/07/12

GENERAL	Inspector's Comment:	The timber sills are pinned to the lock blocks but the girders are not pinned to the timber sills. A load rating of 41 tonnes is a serious limiting factor on this road and that sign should be posted. Bridge is in fair condition.
GENERAL	PEng's Comment:	

GENERAL						
	Estimated Load Restriction (year):	2018	Estimated Replacement (year):			
	Current Inspection Load Rating:	41	Design Load GVW (tonnes):	41	Design Vehicle Config.:	
	Professional Inspection Required?	No	Report Status:	Reviewed By Jason Olmsted on 2016/12/19 09:01:20		

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	**Structure Name:**	G5-301	**Road Name:**		**Inspection Date:**	2015/12/18

KM:		**User km:**		**Crossing Name:**	Ft St James District	**Next Inspection Date:**	2017/12/18
Project File ID #:		**Br.**		**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Timber Planks
Curb Type:		**Abutments** (looking downstream) **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	9.1	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9.1
UTM Zone:	10			**UTM Easting:**	418198	**UTM Northing:**	6031130
Inspector Name:	Warren Wilkinson			**Year Superstructure Installed:**			
Access:	Fort St. James bridge storage site - see individual structures for specific storage locations.						

ABUTMENTS

Bearings	Poor	Not centered on sill
Bracing	Not Applicable	
Ballast Wall	Good	Treated
Concrete Lock Blocks	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Excellent	
Fill	Good	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Fair	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	Structure Name:	G5-301	Road Name:		Inspection Date:	2015/12/18

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	Rot found
Deck to Girder Bolts	Not Applicable	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Poor	Lifting
Overall Deck Condition	Poor	Deck needs to be replaced
Running Planks	Poor	Rotting
Sub Deck	Poor	Rotting
Ties	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Fair	Rust
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.5	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$	Replace deck and curbs

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	Structure Name:	G5-301	Road Name:		Inspection Date:	2015/12/18

GENERAL	**Inspector's Comment:**	
GENERAL	**PEng's Comment:**	Need to confirm loading in the summer

GENERAL							
Estimated Load Restriction (year):		2030	**Estimated Replacement (year):**				
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2016/01/18 14:36:53				

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	**Structure Name:**	G5-300	**Road Name:**		**Inspection Date:**	2015/09/18

KM:		**User km:**		**Crossing Name:**	Ft St James District	**Next Inspection Date:**	2017/09/18
Project File ID #:		**Br.**		**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated - Panels	**Running Surface:**	Not Available
Curb Type:		**Abutments (looking downstream)** **Left**	Other
Superstructure:	Steel I-beam	**Right**	Other

Total Length (metres):	9.1	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9.1
UTM Zone:	10			**UTM Easting:**	418198	**UTM Northing:**	6031130
Inspector Name:	Warren Wilkinson			**Year Superstructure Installed:**			
Access:	Fort St. James bridge storage site - see individual structures for specific storage locations.						

ABUTMENTS

Bearings	Fair	Right side is not centered on sill
Bracing	Not Applicable	
Ballast Wall	Poor	Rotting, boards do not go up to deck edge
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Good	
General Abutment Condition	Fair	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	Corner on right side
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	None	
Road Surface	Poor	Wilderness

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	Structure Name:	G5-300	Road Name:		Inspection Date:	2015/09/18

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	Rotting, curb broken
Deck to Girder Bolts	Not Applicable	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Poor	Lifting
Overall Deck Condition	Poor	Deck needs replacement
Running Planks	Poor	Rotting
Sub Deck	Poor	Rotting
Ties	Fair	Wet with fungus

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$	Replace deck and curbs

MONITORS

#	Description

Corporate Bridge Register (CBR)

Disclaimer:
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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	Structure Name:	G5-300	Road Name:		Inspection Date:	2015/09/18

GENERAL	**Inspector's Comment:**	
GENERAL	**PEng's Comment:**	Need to confirm loading this summer

GENERAL							
Estimated Load Restriction (year):		2030	**Estimated Replacement (year):**				
Current Inspection Load Rating:	See footnote	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100		
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2016/01/18 14:34:27				

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	**Structure Name:**	G4-900	**Road Name:**		**Inspection Date:**	2015/07/24

KM:		**User km:**		**Crossing Name:**	Ft St James District	**Next Inspection Date:**	2017/07/24
Project File ID #:		**Br.**		**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments (looking downstream)** **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	9.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9

UTM Zone:	10	**UTM Easting:**	418198	**UTM Northing:**	6031130

Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2014

Access: Fort St. James bridge storage site - see individual structures for specific storage locations.

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Concrete Lock Blocks	Good	Some settling
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Fair	Settling
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	Off corners and hills both approaches
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating (Enter 0 if sign missing)	L40	

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	Structure Name:	G4-900	Road Name:		Inspection Date:	2015/07/24

Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Not Applicable	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Fair	Some bent
Diaphrams	Good	
Girders	Good	Some damage from previous install
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.1	**Estimated Present Water Level Width:**	0.3
Estimated High Water Level Clearance:	0.4		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No
Comment:	Beaver dam upstream								

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	Medium	$	Road needs capping material

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	Structure Name:	G4-900	Road Name:		Inspection Date:	2015/07/24

MONITORS

#	Description
1	Monitor beaver activity upstream from crossing
2	Monitor settling of lock blocks

GENERAL

Inspector's Comment:	Recent PEng inspection done on behalf of John Prince Research Forest UNBC

GENERAL

PEng's Comment:	Bridge to be replaced next year

GENERAL

Estimated Load Restriction (year):	2035	**Estimated Replacement (year):**			
Current Inspection Load Rating:	5	**Design Load GVW (tonnes):**	41	**Design Vehicle Config.:**	L45
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2016/01/13 13:02:28		

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	**Structure Name:**	G5-959	**Road Name:**		**Inspection Date:**	2020/08/18

KM:		**User km:**		**Crossing Name:**	Ft St James District	**Next Inspection Date:**	2023/08/18
Project File ID #:		**Br.**		**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Treated	**Running Surface:**	Not Available
Curb Type:		**Abutments** (looking downstream) **Left**	Concrete Precast
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	18.3	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	18.3

UTM Zone:	10	**UTM Easting:**	418198	**UTM Northing:**	6031130

Inspector Name:	Warren Wilkinson	**Year Superstructure Installed:**	2004

Access: Fort St. James bridge storage site - see individual structures for specific storage locations.

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	
Concrete Lock Blocks	Fair	blocks have slighrt lean twords stream
Concrete Precast	Fair	blocks leaning
Corrosion Protection	Not Applicable	
Caps or Sills	Good	
Fill	Fair	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	
Wing Wall	Poor	toes out on all 4 sides

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	0	may need 3rd sign at Y junction upchain
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Fair	

Corporate Bridge Register (CBR)

Disclaimer:
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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	Structure Name:	G5-959	Road Name:		Inspection Date:	2020/08/18

Posted Load Rating (Enter 0 if sign missing)	5	
Road Surface	Poor	wilderness

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	rot
Deck to Girder Bolts	Fair	need more as noted in previous inspection
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Poor	rotting deck, nails lifting
Overall Deck Condition	Poor	rotting deck with holes
Running Planks	Poor	rot
Sub Deck	Poor	rot with holes in deck
Ties	Fair	wet with fungus growing

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Good	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.0
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	Yes	**Scour:**	Yes	**Ice:**	No	**Debris:**	Yes	**Aggradation:**	No
Comment:	Flood event spring 2020								

REPAIRS

#	Status	Priority	Estimate	Description

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001A

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G5-STOR	Structure Name:	G5-959	Road Name:		Inspection Date:	2020/08/18

MONITORS

#	Description
2	watch lock blocks after flood event

GENERAL

Inspector's Comment:	major flood event down stream, (posable beaver dam failure) Full PEng. inspection prior to hauling

GENERAL

PEng's Comment:	all outstanding repairs need to be completed

GENERAL

Estimated Load Restriction (year):		2030	**Estimated Replacement (year):**		
Current Inspection Load Rating:	5	**Design Load GVW (tonnes):**	91	**Design Vehicle Config.:**	L100
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 2021/03/04 14:26:55		

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2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-STOR	**Structure Name:**	G4-128	**Road Name:**		**Inspection Date:**	2011/09/21

KM:		**User km:**		**Crossing Name:**	Vanderhoof District	**Next Inspection Date:**	2013/09/21
Project File ID #:		**Br.**		**Forest District:**	Stuart Nechako Natural Resource District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Curb Type:		**Abutments** (looking downstream) **Left**	Concrete Lock Blocks
Superstructure:	Steel I-beam	**Right**	Concrete Lock Blocks

Total Length (metres):	9.0	**# Spans:**	1	**Span Width:**		**Span Length(s) (metres):**	9

UTM Zone:	10	**UTM Easting:**	434873	**UTM Northing:**	5984828

Inspector Name:	Shane Gorezky	**Year Superstructure Installed:**	2000

Access:	Vanderhoof District Office

ABUTMENTS

Bearings	Good	
Ballast Wall	Good	
Concrete Lock Blocks	Good	
Caps or Sills	Good	
Fill	Fair	
Hardware	Good	
Piles or Posts	Not Applicable	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	
Road Surface	Poor	no surfacing

DECK

Span 1

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-STOR	Structure Name:	G4-128	Road Name:		Inspection Date:	2011/09/21

Curb Rail/Blocks/Posts	Fair	
Deck to Girder Bolts	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Fair	decking begining to rot
Running Planks	Not Applicable	
Sub Deck	Poor	Deck is showing sign of rot
Ties	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphrams	Good	
Girders	Good	
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	1.2
Estimated High Water Level Clearance:	2.0		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Monitor deck for rot. Should be replaced prior to any industrial use

GENERAL

Inspector's Comment: Little to no traffic as bridge is behind access management point
Need asbuilt information and confirmation on loading

Corporate Bridge Register (CBR)

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BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Date Printed: 2022/03/16
User Id: IDIR\WWILKINS
Database: PROD
Report Id: CBR001B

Forest District: Stuart Nechako Natural Resource District Most Recent Inspections Only: Yes Sort By:

Site #:	G4-STOR	Structure Name:	G4-128	Road Name:		Inspection Date:	2011/09/21

GENERAL

PEng's Comment:	Refer to Inspection Comments for historical PEng Comments

GENERAL

Estimated Load Restriction (year):	2015	Estimated Replacement (year):	
Current Inspection Load Rating:	See footnote	Design Load GVW (tonnes):	Design Vehicle Config.:
Professional Inspection Required?	No	Report Status:	Accepted By Jason Olmsted on 2013/05/24 00:00:00

Corporate Bridge Register (CBR)

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