



BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Page: 1 of 4
Date Printed: 2020/01/22
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001A

Structure #:	CK-2230	Site #:	CK-2230	Road Name:	BOISE	Inspection Date:	2019/11/06
KM:	7.60	User km:	7.60	Crossing Name:	Boise Creek	Next Inspection Date:	2022/11/06
Project File ID #:	8394	Br.	02	Forest District:	Chilliwack Natural Resource District		
Deck Type:	Timber - Treated			Running Surface:	Timber Planks		
Superstructure	Steel I-beam			Abutments (looking downstream)	Left Right	Pile -Permanent Materials Pile -Permanent Materials	
Total Length (metres):	40.2	# Spans:	3	Span Length(s) (metres):	7.6, 25, 7.6		
UTM Zone:	10	UTM Easting:	521923	UTM Northing:	5496531		
Inspector Name:	Tyson Miller		Year Superstructure Installed:	1989			
Access:	Updated by M.Kirk, Onsite Engineering Ltd, Jan 2011						

ABUTMENTS

Bearings	Fair	
Bracing	Fair	Steep angles
Ballast Wall	Fair	Creosote timbers
Corrosion Protection	Fair	
Fill	Fair	typically over steepened at 1:1
Piles or Posts	Fair	
Riprap	Fair	resting against piers

APPROACHES

Alignment	Fair	HC both approaches with flared deck ends
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	Missing downstream right approach
Posted Load Rating	not	not posted
Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	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

Permanent Bridge Inspection Report

Page: 2 of 4
Date Printed: 2020/01/22
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001A

Structure #:	CK-2230	Site #:	CK-2230	Road Name:	BOISE	Inspection Date:	2019/11/06
--------------	---------	---------	---------	------------	-------	------------------	------------

Deck to Girder Bolts	Unrated	no access to properly assess
Hardware	Good	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Good	
Sub Deck	Fair	Creosote
Ties	Fair	Creosote

Span 2

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Unrated	no access to properly assess
Hardware	Good	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Good	
Sub Deck	Fair	creosote
Ties	Fair	creosote

Span 3

Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Unrated	no access to properly assess
Hardware	Good	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Good	
Sub Deck	Fair	creosote
Ties	Fair	creosote

PIERS

Pier 1

Bearings	Fair	difficult to properly assess however appears in fair condition
Bracing or Sheathing	Fair	
Overall	Fair	
Piles or Posts	Fair	5x columns at each pier

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

Page: 3 of 4
Date Printed: 2020/01/22
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001A

Structure #:	CK-2230	Site #:	CK-2230	Road Name:	BOISE	Inspection Date:	2019/11/06
--------------	---------	---------	---------	------------	-------	------------------	------------

Riprap	Fair	
Pier 2		
Bearings	Fair	difficult to properly assess however appears in fair condition
Bracing or Sheathing	Fair	
Overall	Fair	
Piles or Posts	Fair	5x columns at each pier
Riprap	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Fair	
Diaphragms	Fair	
Girders	Fair	3x girders due to deck flare

Span 2

Bracing	Fair	
Diaphragms	Fair	
Girders	Fair	2x girders

Span 3

Bracing	Fair	
Diaphragms	Fair	
Girders	Fair	3x girders due to deck flare

CHANNEL	Estimated Present Water Level Depth:	2.0	Estimated Present Water Level Width:	25.0
	Estimated High Water Level Clearance:	20.0		

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

REPAIRS	#	Status	Priority	Estimate	Description
	1	Required	Medium	\$ 200.00	Post bridge ahead signs
	2	Required	Medium	\$ 500.00	replace missing fender log

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

Page: 4 of 4
Date Printed: 2020/01/22
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001A

Structure #:	CK-2230	Site #:	CK-2230	Road Name:	BOISE	Inspection Date:	2019/11/06
MONITORS	#	Description					
GENERAL	Inspector's Comment:	3 spans, left and right spans have flared ends with 3 total girders					
GENERAL	PEng's Comment:	Post bridge ahead signs and replace missing fender log. Professional documentation has been located which indicates that structural upgrades were completed to the main span girders in 2002 resulting in a load rating of L120 or 109 tonnes; this load rating to continue.					
GENERAL	Replacement Date for full log haul traffic (year):		2034		Replacement Date for light vehicle traffic (year):		2034
	Current Inspection Load Rating:		109		Design Load GVW (tonnes):		109
					Design Vehicle Config.:		L120
	Professional Inspection Required?	No	Report Status:	Reviewed By Tyson Miller on 2020/01/22 14:34:12			



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.



Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



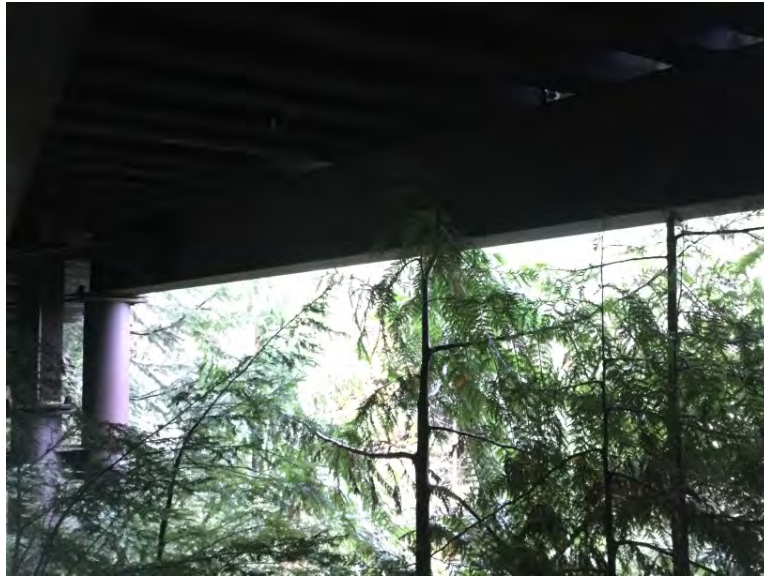
Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



Right Pier



Right span flare girder



Main span superstructure



Left Pier



Left abutment bearings



Left Pier



Left span flare girder



Bearings at left Pier