



BC Ministry of
Forests and Range

ck2453

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Bridge Register
Structure Inventory Data Form
BRIDGES

STRUCTURAL DETAILS

Number of Spans: 1

Needle Beams?

☐ Yes

☐ No

Length of Spans (m)
[e.g. for a 3-span bridge
- 20, 35, 20]
23.7

Portable Structure?

☐ Yes

☒ No

Portable Superstructure
Status:

☐ Installed

☐ Storage

Portable Superstructure Storage Location:

*Bridge Length
(metres):
24.3

*Superstructure:

☐ Compo Girders

☐ Concrete Cast in Place

☐ Concrete Slab Girders

☐ Log Stringer

☐ Rail Car

☐ Steel I-Beam

☐ Timber-Treated Stringers

☐ Concrete Box Beam

☐ Concrete I/T Beam

☐ Glulam Girder

☐ Other

☐ Steel Box Beam

☐ Steel Truss/Bailey/Acrow

☐ Timber-Untreated Stringers

*Deck Type:

☐ Concrete

☐ Concrete Removable

☐ Other

☐ Steel Free

☐ Timber-Treated Panels

☐ Timber-Untreated Panels

☐ Concrete Composite

☐ Gravel

☐ Steel

☐ Timber-Treated

☒ Timber-Untreated

*Deck Width (metres):
4.7

*Running Surface:

☐ Anti-Skid

☐ N/A

☒ Asphalt

☒ Timber Planks

☐ Concrete

☐ Gravel

*Left Abutment:

☐ Binwall

☐ Concrete Cast in Place

☐ Concrete Lock Blocks

☐ Concrete Precast

☒ Crib, Log or Timber

☐ Other

☐ Pile-Temporary Materials

☐ Pile-Permanent Materials

☐ Sill-Permanent Materials

☐ Sill-Temporary Materials

☐ Steel Pipe & Precast Pat

*Right Abutment:

☐ Binwall

☐ Concrete Cast in Place

☐ Concrete Lock Blocks

☐ Concrete Precast

☒ Crib, Log or Timber

☐ Other

☐ Pile-Temporary Materials

☐ Pile-Permanent Materials

☐ Sill-Permanent Materials

☐ Sill-Temporary Materials

☐ Steel Pipe & Precast Pat

Comments:

**Routine Condition Bridge Inspection Form**
(except for log stringer or timber stringer bridges)**GENERAL INFORMATION**

(enter either long/lat or UTM - not both)

Site #	ck2453	Structure #	
FSR Name	Norish Creek	User km	8.5
Project File ID	10326	Branch	01
Longitude: (ddd / mm / ss.s)	122° 07' 51.2"	OR	
Latitude: (ddd / mm / ss.s)	49° 14' 08.9"	UTM Zone	
		UTM Easting	
		UTM Northing	

LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl.

Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)
Alignment	E G (F) P	
Bridge Ahead Signs Missing	0 1 (2)	
Brushing Required	(Yes) No	Minor Brushing Wood + some Camp
Delineator Missing Left	(0) 1 2	
Delineator Missing Right	(0) 1 2	
Fender Condition	E G (F) P None	No Fenders Camp Side, No Post barriers on Woods.
Posted Load Rating (tonnes)		
Road Surface	E (G) F P	

LEFT/RIGHT ABUTMENTS (as seen facing downstream)

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Log/Timber Cribbs	E G F P (N/A)	
Tie-backs	E G F P (N/A)	
Bin Wall	E G F P (N/A)	
Precast Concrete	E G F P (N/A)	
Caps or Sills	E G (F) P	Burned Log Sills
Piles or Posts	E G F P (N/A)	
Ballast Wall	E G F P	Fill retaining ballast wall in front of wood sill is being undermined mudsills exposed + rotten. No present danger to sill log. Sill Log Approx 1.6m from face of ballast wall.
Wing Wall	E G (F) P N/A	Wing wall D/S Campside.
Bracing	E G F P (N/A)	
Hardware	E G F P (N/A)	
Fill	E (G) F P	Wing 1
Riprap	E G F P (N/A)	Both abutments bedrock controlled
Bearings	E (G) F P	
Corrosion Protection	E G F P (N/A)	

Span 1 of 1 (spans are numbered consecutively starting from the left abutment)

Use "Additional Spans" Sheet for Multiple Spans

DECK

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Running Surface	E (G) F P	
Running Planks	E (G) F P N/A	New untreated planks
Sub-deck	E G F P (N/A)	
Ties	E (G) F P N/A	Some Ties Recently Replaced w/ Treated Timber
Nails	E (G) F P N/A	
Deck to Girder Bolts	E (G) F P N/A	
Concrete Deck	E G F P (N/A)	
Grout Pockets	E G F P (N/A)	
Deck Joints	E G F P (N/A)	
Anti-skid Surface	E G F P (N/A)	
Gravel Surface	E G F P (N/A)	
Curb Rail/Blocks/Posts	E (G) F P	
Handrails/Walkouts	E G F P (N/A)	
Hardware	E (G) F P N/A	
Overall Deck Condition	E (G) F P	

**Routine Condition Bridge Inspection Form**
(except for log stringer or timber stringer bridges)

GENERAL INFORMATION			
Site # <u>CR2453</u>		Structure #	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E <u>G</u> F P		
Diaphragms	E G F P <u>N/A</u>		
Bracing	E <u>G</u> F P <u>N/A</u>		
Under-trussing	E G F P <u>N/A</u>		
Hardware	E <u>G</u> F P <u>N/A</u>		
Cracks/Checks in Glulam Girders	E G F P <u>N/A</u>		
Concrete	E G F P <u>N/A</u>		
Shear Connectors	E G F P <u>N/A</u>		
Grout Pockets	E G F P <u>N/A</u>		
CHANNEL			
Est. Present Water Level Depth (m) <u>0.60</u>	Est. Present Water Level Width (m) <u>9.0</u>	Est. High Water Level Clearance (m) <u>5.5</u>	
HAZARDS (circle yes or no for each item)			
High Water? Yes <u>No</u>	Scour? <u>Yes</u> No	Ice? Yes <u>No</u>	Debris? Yes <u>No</u>
Aggradation? Yes <u>No</u>			
Comments <u>Woods abuttl, Scour under ballast wall in front of sill</u>			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	H M <u>L</u>		
2	H M L		
3	H M L		
ITEMS TO MONITOR			
#	Description		
1	<u>Woods Abuttl, Scour under ballast wall in front of sill</u>		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	<u>Woods to Camp</u>		<u>Wood Abuttl Scouring</u> x2
	<u>W/S</u>		<u>Camp Abuttl</u>
	<u>Camp to Woods</u>		<u>Woods Abuttl</u>
			<u>Sills</u> x3
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes <u>No</u>	P Eng Inspection Required? Yes No	Date of Inspection (yyyy/mm/dd) <u>2009-10-07</u>	
Inspection Company Name <u>Enst. Engineering & Consulting Ltd.</u>	Inspector's Name (print) <u>Ali Sadeghi</u>	Inspector's Signature 	
Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes):		Date of Next Inspection	
Reviewer Company Name <u>MFR</u>	Reviewed by - PEng's Name (print) <u>L. Stevanovic</u>	Reviewed by - PEng's Signature Digitally signed by L. Stevanovic Date: 2010.02.16 13:25:44 -08'00'	Date Reviewed (yyyy/mm/dd)
Comments <u>Replace wood crib</u>			