



BC Ministry of
Forests and Range

ck2239

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Bridge Register Structure Inventory Data Form BRIDGES

STRUCTURAL DETAILS

Number of Spans: |

Needle Beams?

☐ Yes

☒ No

Length of Spans (m)
[e.g. for a 3-span bridge
- 20, 35, 20]
20⁷

Portable Structure?

☐ Yes

☒ No

Portable Superstructure
Status:

☐ Installed

☐ Storage

Portable Superstructure Storage Location:

*Bridge Length
(metres):
21³

*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):
4⁹

*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 #	CK2239	Structure #	CK2239
FSR Name	Sowerby CRK	User km	
Project File ID	8112	Branch	01
Longitude: (ddd / mm / ss.s)	49 16 56.7	OR	
Latitude: (ddd / mm / ss.s)	121 27 58.7	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	Poor HORIZONTAL CURVE
Bridge Ahead Signs Missing	0 1 (2)	
Brushing Required	Yes (No)	
Delineator Missing Left	(0) 1 2	
Delineator Missing Right	0 1 (2)	
Fender Condition	E G F (P) None	Place fender log ASAP
Posted Load Rating (tonnes)	—	N/A. Not posted. But stamped on structure as L-75
Road Surface	E G (F) P	Minor potholes on both approach

LEFT/RIGHT ABUTMENTS (as seen facing downstream)

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Log/Timber Crib	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	
Piles or Posts	E (G) F P N/A	PIPE RISERS ON PRECAST FOOT.
Ballast Wall	E (G) F P	PRECAST CONCR.
Wing Wall	E G F P (N/A)	
Bracing	E G F P (N/A)	
Hardware	E G F P (N/A)	
Fill	E (G) F P	
Riprap	E (G) F P N/A	WELL KEPT IN.
Bearings	E (G) F P	RUBBER BEARING PAD
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)	
Sub-deck	E G F P (N/A)	
Ties	E G F P (N/A)	
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	COMPOS. PANELS. SOME TRACK VEH. DAM. 4th
Grout Pockets	E (G) F P N/A	
Deck Joints	E G (F) P N/A	SOME JOINTS HAVE CRACKS.
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	

PANEL FROM CAMP HAS A 1" X 0.5" SURFACE FRACTURE.
NO REBAR EXPOSED

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

GENERAL INFORMATION			
Site # <u>CK 2239</u>		Structure # <u>CK 2239</u>	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E (G) F P	ID #: L-75 SOWERBY CREEK v10 2199 JUNE 2000 21.336	
Diaphragms	E G F P (N/A)		
Bracing	E (G) F P N/A	5 X	
Under-trussing	E G F P (N/A)		
Hardware	E (G) F P N/A		
Cracks/Checks in Glulam Girders	E G F P (N/A)		
Concrete	E G F P (N/A)		
Shear Connectors	E G F P (N/A)		
Grout Pockets	E G F P (N/A)		
CHANNEL			
Est. Present Water Level Depth (m) <u>0.4</u>		Est. Present Water Level Width (m) <u>3.5</u>	Est. High Water Level Clearance (m) <u>2.6</u>
HAZARDS (circle yes or no for each item)			
High Water?	Yes (No)	Scour?	Yes (No)
Ice?	Yes (No)	Debris?	Yes (No)
Aggradation?	Yes (No)		
Comments			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	H M (L)		STRUCTURE NEEDS FENDER LOGS.
2	H M L		
3	H M L		
ITEMS TO MONITOR			
#	Description		
1	DECK FRACTURE, 1/2 CRACK IN JOINTS.		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	CAMP TO W		CAMP ABUT
	D/S		FROM D/S
	D/S		WINDS ABUT
	WOOD TO CAMP		ID
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes (No)		P Eng Inspection Required? Yes No	Date of Inspection (yyyy/mm/dd) 2009-10-19
Inspection Company Name FESKE ENG + GEO.		Inspector's Name (print) Ali Sadeghi	Inspector's Signature
Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): 175		Date of Next Inspection	
Reviewer Company Name	Reviewed by - PEng's Name (print) L. Stevanovic	Reviewed by - PEng's Signature Digitally signed by L. Stevanovic Date: 2010.01.11 16:16:07 -08'00'	Date Reviewed (yyyy/mm/dd)
Comments repair deck potholes			