

CK-2124

SHOVEL CREEK 2.9km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°47'11.19"	-121°49'37.1"
Road Name	SHOVEL CREEK
User km	2.9
Current Load Rating (tonnes)	
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Removable
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	24.4
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°47'11.17"	-121°49'37.13"
HD Diff. (m)	1.1
Accuracy (m)	5
Shovel Creek	
2.9	
Permanent Bridge	
N	
Steel I-beam	
Concrete Removable	
Steel Pipe and Precast Pad	
Steel Pipe and Precast Pad	
1	
24.4	
4.9	

Inspection

Date of Inspection 2014-08-26 11:55:46 AM

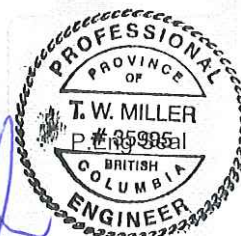
Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Monitor left upstream road approach for fill erosion and riprap scour. Present load rating of BCL-625 or 64 tonnes to continue.



Full
Sept 2/2014

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Approach

Alignment Fair

tight HC right approach

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating 64

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good

Piles or Posts Good

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware Good

Fill Fair

Riprap Fair

Bearings Good

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Corrosion Protection Good

Deck

Running Surface Good

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts Good

Concrete Deck Good

Grout Pockets Good

Deck Joints Good

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

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Steel/Concrete

Girders Good 2 steel I beams

Diaphragms Good 6 -bolted

Bracing Good

Under Trussing N/A

Hardware Good

Welded/grouted
shear connectors N/A**Log**

Log Curbs

Needle Beam

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer
Number

Species

Peeled

Diameter
(mm)Rot Depth
(mm)

Comment

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Hazards

Estimated Present Water Level Depth (m) 0.4

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 8.0

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 2.0

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Monitor Item

Monitor Description

Monitoring Frequency

1 left approach upstream riprap and fill erosion

Routine Inspection

2

3

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Upstream Profile



fill erosion under left upstream concrete barriers



Right Bank Abutment when facing downstream

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Left Bank Abutment when facing downstream



Approach from Right Bank when facing downstream