

CK-2122

SHOVEL CREEK 0.1km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude Longitude
49°46'56.1" -121°51'46.6"

Road Name SHOVEL CREEK
User km 0.1
Current Load Rating (tonnes) 136
Structure Class Permanent Bridge
Portable N
Superstructure Other
Deck Type Concrete Composite
Abutment Left Steel Pipe and Precast Pad
Abutment Right Steel Pipe and Precast Pad
Spans 1
Total Length (m) 28
Deck Width (m) 4.9

Updated Data

Latitude Longitude
49°46'55.9" -121°51'46.17"
HD Diff. (m) 10.5 Accuracy (m) 5
Shovel Creek
0.1
L150 or 136 tonnes
Permanent Bridge
N
Compo Girders
Concrete Composite
Concrete Cast in Place
Concrete Cast in Place
1
28.0m
4.9

Inspection

Date of Inspection 2014-08-26 11:33:02 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Present load rating of L150 or 136 tonnes to continue.

Handwritten signature
Feb 18/2015



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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Posted Load Rating 136

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Good

CIP footings

Caps or Sills Good

steel plates and rubber pads

Piles or Posts Good

Ballast Wall Fair

right downstream cut off to fit

Wing Wall Good

only right approach

Bracing N/A

due to limited post height

Hardware N/A

Fill Good

Riprap Good

BR controlled both sides

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 N/A

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 Fair 2 compo I beams - hairline cracks noted

Diaphragms Good 2 - welded

Bracing N/A

Under Trussing N/A

Hardware N/A

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) 3.0

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 10.

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 10.

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Monitor Item

Monitor Description

Monitoring Frequency

1

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



right downstream ballast wall

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Left Bank Abutment when facing downstream



wing wall