

CK-2122

SHOVEL CREEK 0.1km

2017 Inspection



CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°46'56.1"	-121°51'46.6"
Crossing Name	Big Silver Creek
FSR #	5748
Branch #	6
Road Name	SHOVEL CREEK
User km	0.1
Current Load Rating (tonnes)	136
Structure Class	Permanent Bridge
Portable	N
Superstructure	Compo Girders
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°46'56.15"	-121°51'46.14"
HD Diff. (m)	9.3
Accuracy (m)	10

Inspection

Date of Inspection 2017-08-01 10:21:35 AM

Inspector Name Tyson Miller

Inspector Comments

Recommended Next Inspection Year 2020

Inspection Company MFLNRO

P.Eng Comments

Post bridge ahead signs. Brush and grade approaches. Current load rating of L150 or 136 tonnes to continue.



05/02/2018

P.Eng Seal

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Approach

Alignment Fair

HC both approaches

 Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

 Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Old logs and rocks

Posted Load Rating

Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete Good

Both CIP footings visible at right bank

Caps or Sills

Piles or Posts Good

NA at downstream right bank

Ballast Wall Fair

Minor damage at road surface, and downstream right abutment section removed due to terrain

Wing Wall Good

Only at right approach

Bracing NA

Due to limited post height

Hardware

Fill Good

Riprap Good

BR

Bearings Good

Corrosion Protection Good

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets **Good**

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Fair

Composite girders - hairline cracks noted

Diaphragms Good

2 welded bays

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**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)

Condition

Comment

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Hazards

Estimated Present Water Level Depth (m)	2.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	15.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	10.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	Brush and grade approaches with activity
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2	Medium	Post bridge ahead signs
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3		
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Item	Monitor Description	Frequency
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1		
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2		
---	--	--

3		
---	--	--

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Approach from Left Bank when facing downstream



Looking upstream from deck



Looking downstream from deck



Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



Downstream right bank wingwall - 3 piece precast concrete



Upstream right bank wingwall - 1 piece precast concrete



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Downstream right bank portion of ballast wall removed due to terrain feature



Right Bank Abutment when facing downstream



Superstructure