

CK-2525

BIG SILVER 2.5km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude		
49°36'2"	-121°49'57"		
Crossing Name	Side Creek		
FSR #	5748	Branch #	30
Road Name	BIG SILVER		
User km	2.5		
Current Load Rating (tonnes)	68		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Concrete Removable		
Abutment Left	Concrete Lock Blocks		
Abutment Right	Concrete Lock Blocks		
Spans	1		
Total Length (m)	16.2		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude		
49°36'2.91"	-121°49'56.04"		
HD Diff. (m)	33.9	Accuracy (m)	10
L75 or 68 tonnes			

Inspection

Date of Inspection 2018-06-15 2:08:46 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2021

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Repair the damage to deck panel 1 consistent with the Concrete Repair Guide for Concrete Bridge Components FLNRO (2017) and replace all deck joint seals. Present load rating of L75 or 68 tonnes to continue.



P.Eng Seal

CK-2525

BIG SILVER 2.5km

2018 Inspection



CBR iPad Offline Ver 0.28

Approach

Alignment Fair

HC and VC left 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

Not posted

Road Surface

Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Good

4x

Caps or Sills

Good

Treated timbers

Piles or Posts

Ballast Wall

Good

Wing Wall

Bracing

Hardware

Good

Geogrid between lock block rows

Fill

Good

Riprap

Good

Bearings

Good

Corrosion Protection

CK-2525

BIG SILVER 2.5km

2018 Inspection

CBR iPad Offline Ver 0.28

**Deck**

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts Good Deck clips

Concrete Deck Fair Damage noted to panel 1 right bank

Grout Pockets

Deck Joints Poor None in place

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

CK-2525

BIG SILVER 2.5km

2018 Inspection

CBR iPad Offline Ver 0.28

**Steel/Concrete**

Girders Good

Diaphragms Good

Bracing Good

Under Trussing

Hardware Good

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

CK-2525

BIG SILVER 2.5km

2018 Inspection

CBR iPad Offline Ver 0.28



Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	5.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
-------------	----------	--------------------

1	Medium	Repair damage to deck panel 1
---	--------	-------------------------------

2	Medium	Replace all deck joint seals
---	--------	------------------------------

3		
---	--	--

Item	Monitor Description	Frequency
------	---------------------	-----------

1		
---	--	--

2		
---	--	--

3		
---	--	--

Sketch
(Select Signature)

CK-2525

BIG SILVER 2.5km

2018 Inspection



Approach from Right Bank when facing downstream



Deck



Deck damage right bank



Deck joints missing rubber seals



Upstream from Crossing



Approach from Left Bank when facing downstream



Downstream from Crossing



Deck clips



Deck seals failing



Damage to panel 1 right bank



Right Bank Abutment when facing downstream



Damage to panel 1 right bank