CK-2525	BIG SILVER 2.5km	2016 Inspection

CBR iPad Offline Ver 0.23

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°36'3.35"	-121°49'55.75"

HD Diff. (m)	48.6	Accuracy (m)	5

Inspection

Date of Inspection	2016-11-08 10:41:28 AM		
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Repair damaged panels and replace missing deck joint seals. Present load rating of L75 or 68 tonnes to continue.

P.Eng Seal

Approach

Alignment	Fair	
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	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	Good	4x lock blocks
Caps or Sills	Good	timber
Piles or Posts	N/A	
Ballast Wall	Good	concrete
Wing Wall	Good	lock blocks
Bracing	Good	geotextile between each row of blocks
Hardware	Good	
Fill	Good	
Riprap	Good	
Bearings	Good	
Corrosion Protection	N/A	

Deck

Running Surface	Fair	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	Good	
Concrete Deck	Fair	some damage to underside of 2 panels
Grout Pockets	N/A	
Deck Joints	Fair	deck seals missing in couple locations
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good

Bracing Good

Under Trussing N/A

Hardware Good

Welded/grouted shear connectors N/A

Log

Log Curbs

Needle Beam

Needle Lashing/ Shimming

Stringer Number	Species	Needle Beam to Crib (m) Peeled	Needle Diameter (mm) Diameter (mm)	Rot Depth (mm)	Condition	Comment

Hazards

Estimated Present Water Level Depth (m)	0.4	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	7.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	2.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	repair damaged panels
2	Medium	replace missing deck joint seals
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Approach from Left Bank when facing downstream

Deck

Approach from Left Bank when facing downstream

deck seals missing in some locations

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Approach from Right Bank when facing downstream

deck panel damage and rebar exposed

Left Bank Abutment when facing downstream

deck panel damage at right bank

Right Bank Abutment when facing downstream

Upstream Profile

deck panel damage at left bank