

CK-2524

BIG SILVER 0.3km

2016 Inspection

CBR iPad Offline Ver 0.23



CBR Data

Latitude	Longitude
49°36'30.49"	-121°49'29"
Crossing Name	Big Silver River
FSR #	5748
Branch #	30
Road Name	BIG SILVER
User km	0.3
Current Load Rating (tonnes)	91
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Crib, Log or Untreated Timber
Spans	2
Total Length (m)	50.3
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°36'29.78"	-121°49'27.6"
HD Diff. (m)	35.7
Accuracy (m)	5
Timber – Treated	

Inspection

Date of Inspection 2016-11-08 9:55:38 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Clean ditch at right approach and monitor crib where tieback has sheared. Inspect again next year. Present load rating of L100 or 91 tonnes to continue.



17/01/2017

P.Eng Seal

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Approach

Alignment Fair

HC and VC 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 Fair

missing upstream right bank fender

Posted Load Rating 90900

Road Surface Fair

Abutment

 Log/Timber Cribs Fair

top tieback on right upstream bank sheared off

Tie Backs Fair

Bin Wall N/A

Concrete N/A

 Caps or Sills Good

concrete cap on pier repaired

Piles or Posts Good

 Ballast Wall Good

timber left, logs right

Wing Wall Good

Bracing Good

Hardware Good

Fill Fair

Riprap Good

Bearings Good

Corrosion Protection Good

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Deck

Running Surface	N/A	
Running Planks	Good	
Sub Deck	Good	treated
Ties	Good	treated
Nails	Good	
Deck to Girder Bolts	Good	
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts	N/A	
Hardware	Good	crib well lashed
Overall Deck Condition	Good	
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate

Girders Fair good on jump span, fair on main span

Diaphragms Fair good on jump span, fair on main span

Bracing Fair

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)	Condition	Comment

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Hazards

Estimated Present Water Level Depth (m)	3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	30	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	open up ditch at right approach prior to snow fall

2

3

Item	Monitor Description	Frequency
1	top crib log for movement as tieback on right upstream has sheared off	Anually

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Approach from Left Bank when facing downstream



looking upstream



looking downstream



Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



ditch plugged



pier



top tieback upstream right bank completely sheared off



superstructure



top crib log does not appear to have shifted - monitor



top crib log well lashed



Left Bank Abutment when facing downstream



Structure ID for jump span



Right Bank Abutment when facing downstream

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jump span seat



main span bearing