

CK-2068

SLESSE CREEK 6.1km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude		
49°2'18.3"	-121°39'48.2"		
Crossing Name	Slesse Creek		
FSR #	5127	Branch #	7
Road Name	SLESSE CREEK		
User km	6.1		
Current Load Rating (tonnes)	54		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Timber - Untreated		
Abutment Left	Crib, Log or Untreated Timber		
Abutment Right	Crib, Log or Untreated Timber		
Spans	1		
Total Length (m)	33.5		
Deck Width (m)	3.9		

Updated Data

Latitude	Longitude		
49°2'19.52"	-121°39'47.43"		
HD Diff. (m)	40.7	Accuracy (m)	5
30 tonnes			

Inspection

Date of Inspection 2017-09-26 11:37:45 AM

Recommended Next Inspection Year 2018

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

Cribs at both abutments still vertical, no settlement or crushing apparent; however the access is limited and the structure sees very little use

Plan to replace the entire structure soon

P.Eng Comments

Due to poor condition of the crib the structure is no longer safe for industrial loading. Limit loading to 30 tonnes and plan to replace the entire structure soon. Post load rating sign.



05/02/2018

Eng Seal

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Approach

Alignment Fair

 Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y Minor

 Delineator Missing
Left ☐ 0 ☒ 1 ☐ 2

 Delineator Missing
Right ☐ 0 ☒ 1 ☐ 2

Fender Condition Poor Only upstream right bank in place

Posted Load Rating Not posted

Road Surface Good

Abutment

Log/Timber Cribs Poor 6 face logs (closed - face) both abutments; up to 100mm sap rot; however no crushing apparent

Tie Backs Poor All tie backs have extensive rot at ends and some completely sheared off at face log interface

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall Poor Extensive rot

Wing Wall Poor Extensive rot

Bracing

Hardware Poor All lashing is loose

Fill Fair

Riprap Fair

Bearings Fair girders bear at 2 different locations on right abutment - see photo

Corrosion Protection

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Deck

Running Surface

Running Planks	Good	Treated
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Sub Deck	Good	Treated
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Ties	Good	Treated
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Nails	Good	Starting to protrude
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Deck to Girder Bolts	Good
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Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts	Good
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Hand Rails/Walkouts	Good
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Hardware	Good
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Overall Deck Condition	Good
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Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Fair

Painted

Diaphragms Fair

Bolted connections

Bracing Fair

Under Trussing

Hardware Fair

Bolts

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)	0.6	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	15.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	High	Post load rating sign
2	High	Replace entire structure for industrial use
3		

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Looking upstream from deck



Deck



Looking downstream from deck



Approach from Left Bank when facing downstream



Left bank tie back condition - Poor



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Guardrail and handrail



Right bank tieback condition - top upstream tieback sheared completely off, wing logs completely rotten at ends



Right Bank Abutment when facing downstream



Right bank ballast wall - extensive rot



Right bank abutment bearing in 2 locations - both upstream and downstream



Superstructure