

CK-2448

NORRISH CREEK 1.8km

2015 Inspection

CBR iPad Offline Ver 0.21



CBR Data

Latitude	Longitude		
49°11'47.9"	-122°9'36"		
Crossing Name	Sally Creek		
FSR #	10326	Branch #	1
Road Name	NORRISH CREEK		
User km	1.8		
Current Load Rating (tonnes)	136		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Concrete Slab Girders		
Deck Type	Concrete		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	12.6		
Deck Width (m)	6		

Updated Data

Latitude	Longitude		
49°11'48.16"	-122°9'35.93"		
HD Diff. (m)	8.0	Accuracy (m)	5

Inspection

Date of Inspection 2015-07-29 8:40:23 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace the right hand delineators that are posted on the left sides with proper left hand delineators. Replace the downstream guardrail, risers and blocks. The riprap in front of the pipe risers is rounded and slightly scoured - monitor for future scour especially given the water line located immediately downstream. Repair the spalling concrete and rusting rebar. Present load rating of L150 or 136 tonnes to continue.



06/01/2016

P.Eng Seal

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Approach

Alignment Fair

HC both approaches

 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 136090

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Fair

lock blocks retaining behind both sets of pipe risers

Caps or Sills Fair

Piles or Posts Fair

Ballast Wall Fair

Wing Wall Fair

lock blocks downstream right abutment

Bracing Fair

Hardware Fair

Fill Fair

Riprap Fair

Bearings Fair

Corrosion Protection Fair

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Deck

Running Surface	Fair	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
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	Fair	downstream blocks and risers rotting
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate

Girders Fair 7 concrete slabs

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted shear connectors Fair welded

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)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	replace downstream guardrail, risers and blocks

2

3

Item	Monitor Description	Frequency
1	scour in front of pipe risers	Anually

2

3

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



upstream guardrail new

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downstream guardrail old



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



right downstream abutment

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lock blocks under left cap differential settling



spalling concrete and corroding rebar



spalling concrete and corroding rebar



Upstream Profile