

CK-2443

NORRISH CREEK 11km

2018 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude		
49°15'14.69"	-122°6'4"		
Crossing Name	Hansen Creek		
FSR #	10326	Branch #	1
Road Name	NORRISH CREEK		
User km	11		
Current Load Rating (tonnes)	91		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Concrete Composite		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	27.4		
Deck Width (m)	4.88		

Updated Data

Latitude	Longitude		
49°15'13.1"	-122°6'3.89"		
HD Diff. (m)	49.5	Accuracy (m)	5
L100 or 91 tonnes			

Inspection

Date of Inspection 2018-08-21 10:21:14 AM

Recommended Next Inspection Year 2021

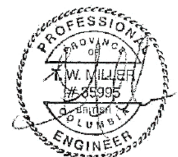
Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace guardrail, risers and blocks. Brush approaches and remove the bedload from the inlet of the structure. Monitor the riprap scour noted at the downstream right bank and the bedload accumulations. Current load rating of L100 or 91 tonnes to continue.



01/02/2019

P.Eng Seal

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Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating 90680

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Fair small scour noted downstream right bank

Bearings Good

Corrosion Protection Good

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**Deck**Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**Grout Pockets **Good**Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Poor** Up to 50% rot in blocks

Hand Rails/Walkouts

Hardware **Poor** Loose rail boltsOverall Deck Condition **Poor** Due to rail condition

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good 8 bolted bays

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

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	5.0	Aggradation	☒	Scour	☒
Estimated High Water Level Clearance (m)	0	Ice	☐		

Comments Stream is aggrading at center of channel. Only 2.2m from top of stream channel to underside of girder. Recommend removing material from inlet of stream.

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Brush approaches
2	Medium	Replace guardrail, risers and blocks
3	High	Remove bedload from inlet of structure

Item	Monitor Description	Frequency
1	Aggradation	Routine Inspection
2	Riprap scour	Routine Inspection
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Upstream from Crossing



Deck



Downstream from Crossing



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Structure ID



Stream aggradation



Upstream Profile



Superstructure



Left Bank Abutment when facing downstream



Riprap scour downstream right bank