

CK-2448
CK-2448

NORRISH 1.8km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°11'48.19" Longitude -122°9'35.9"

Site Status Active

Insp. Status Inspect

Crossing Name Sally Creek

FSR # 10326 Branch # 1

Road Name NORRISH

User km 1.8

Previous 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 49°11'47.51" Longitude -122°9'35.95"

HD Diff. (m) 21.4 Accuracy (m) 7

Inspection

Date of Inspection 2022-10-21 12:16:16 PM

Inspector Name Cameron VandenBrink, EIT

Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

Inspector Comments Serial/ID Plate

P.Eng Comments

Load Rated by: MoF, M.Lowe, RPF, PEng, February 16, 2023
Load Rating: 136 Tonnes GVW, L-150
Next Inspection: September 1, 2024

Comments: Shortened inspection cycle to monitor abutment condition. Recommend completing repairs to abutments as soon as possible to prevent further erosion of river left abutment. Potential to impact foundation, depending on footing depth. Reassess slab damage in 2024.



PERMIT TO
PRACTICE: 1003022

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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

Tie Backs

Bin Wall

Pier

Concrete Fair

Caps or Sills Fair

Piles or Posts Fair Corrosion noted

Ballast Wall

Wing Wall Good Downstream right lock block wall

Bracing Fair Corrosion

Hardware

Fill Fair

Riprap Poor Poor to fair. Downstream scour

Bearings Fair

Corrosion Protection N/A Not coated

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Sediment and pooling water on deck

Grout Pockets

Deck Joints Good Water tight

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

7 slabgirders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors

Good

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)	.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.5	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance	2.8	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Channel. Add Riprap (placed). m ³ . Priority:High	Repair downstream riprap.
2 Approach. Surface drainage maintenance (drains, catch basins, flumes, ditches). # of items. Priority:Low	Add water control measures to reduce standing water on bridge deck
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Right Bank when facing downstream



Load Rating Sign



Upstream from Crossing



Downstream from Crossing



Approach from bridge deck of Left bank approach when facing downstream



Deck



Approach from bridge deck of Left bank approach when facing downstream



Approach from Left Bank when facing downstream



Downstream left corner



Upstream Profile



Right Bank Abutment when facing downstream



Substructure



Left Bank Abutment when facing downstream



Downstream Profile



Downstream right wing wall



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream