

CK-2452
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NORRISH 7.1km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°13'58.5" Longitude -122°8'9.2"

Site Status Active

Insp. Status Inspect

Crossing Name Rose Creek

FSR # 10326 Branch # 1

Road Name NORRISH

User km 7.1

Previous Load Rating (tonnes) 150

Structure Class Temporary Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Composite

Abutment Left Concrete Cast in Place

Abutment Right Concrete Cast in Place

Spans 1

Total Length (m) 18.3

Deck Width (m) 4.8

Updated Data

Latitude 49°13'58.53" Longitude -122°8'10.08"

HD Diff. (m) 17.8 Accuracy (m) 6

Inspection

Date of Inspection 2022-10-21 11:17:17 AM

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: 150 Tonnes GVW

Next Inspection: September 1, 2024

Comments: Condition does not appear to have changed from 2019 inspection. Recommend completing 2020 repair items.



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y Minor around structure

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating 149700

Road Surface Fair Minor potholes. Water flows down road and beside right downstream ballast wall

Abutment

Log/Timber Cribs Fair 3 high rib atop cast in place.

Tie Backs Fair 4 top tier of tie backs, 3 2nd tier. All ends split. Up to 70mm sap rot.

Bin Wall

Pier

Concrete Fair Upstream left cip is cracked beneath bearing. And along the upstream side. Also scoured beneath. Could lead to settlement, however appears to be the same as previous inspection.

Caps or Sills Fair Single sill on blocks on right abutment. Up to 80mm sap rot.

Piles or Posts

Ballast Wall Fair

Wing Wall

Bracing

Hardware Good

Fill Fair

Riprap Poor No riprap armouring cast in place abutments

Bearings Fair

Corrosion Protection

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Deck

Running Surface Minor potholes. Water flows down road and beside right downstream ballast wall

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Shows age. Wear in wheel path

Grout Pockets Good

Deck Joints Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Steel box girders

Diaphragms Fair

2 bay

Bracing

Under Trussing

Hardware

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)	.4	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	12	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance	3	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1 Approach. Area/sight line
brushing. m². Priority:Low

2 Approach. Approach
surfacing grading. m.
Priority:Medium

Ditch right approach to stop water from flowing behind ballast wall.

3

4

5

6

7

Item	Monitor Description	Frequency
1	Abutment condition	Routine Inspection

2

3



Approach from Right Bank when facing downstream



Load Rating Sign



Water erosion



Approach from bridge deck of Right bank approach when facing downstream



Downstream from Crossing



Upstream from Crossing



Approach from bridge deck of Left bank approach when facing downstream



Approach from Left Bank when facing downstream



Upstream Profile



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Upstream Profile



Deck