

CK-2537
CK-2537

NORRISH 17000 1.8km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°17'31.09" Longitude -122°6'9.9"

Site Status Active

Insp. Status Inspect

Crossing Name unknown

FSR # 10326 Branch # 2

Road Name NORRISH 17000

User km 1.8

Previous 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) 15.3

Deck Width (m) 4.3

Updated Data

Latitude 49°17'31.21" Longitude -122°6'9.77"

HD Diff. (m) 4.3 Accuracy (m) 7

Inspection

Date of Inspection 2022-10-21 10:24:49 AM

Inspector Name Cameron VandenBrink, EIT

Inspector Comments Serial/ID Plate

Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

P.Eng Comments

Load Rated by: MoF, M.Lowe, RPF, PEng, February 16, 2023
Load Rating: 91 Tonnes GVW, L-100
Next Inspection: September 1, 2025
Comments: Recommend brushing approaches and installing signage.



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y Around structure and no posts

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating 91

Road Surface Fair

Potholes each end of structure

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Good

Piles or Posts Good

Ballast Wall

Wing Wall

Bracing Good

Hardware Good

Fill Good

Riprap Fair Appears some has shifted. Still appear stable

Bearings Good

Corrosion Protection Good

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Deck

Running Surface Potholes each end of structure

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good Fines accumulating

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 Approx 2250mm c/c

Diaphragms Fair 4 welded bay

Bracing Fair

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) .15

High Water ☐

Debris ☐

Estimated Present Water Level Width (m) 1.5

Aggradation ☐

Scour ☐

Estimated High Water Level Clearance 1.5

Ic ☐

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1	Approach. Bridge Ahead Signs. # of signs. Priority:Low
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2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Riprap	Routine Inspection

2

3



Approach from Left Bank when facing downstream



Load Rating Sign



Downstream from Crossing



Upstream from Crossing



Approach from bridge deck of Left bank approach when facing downstream



Approach from bridge deck of Right bank approach when facing downstream



Approach from Right Bank when facing downstream



Bearing



Left Bank Abutment when facing downstream



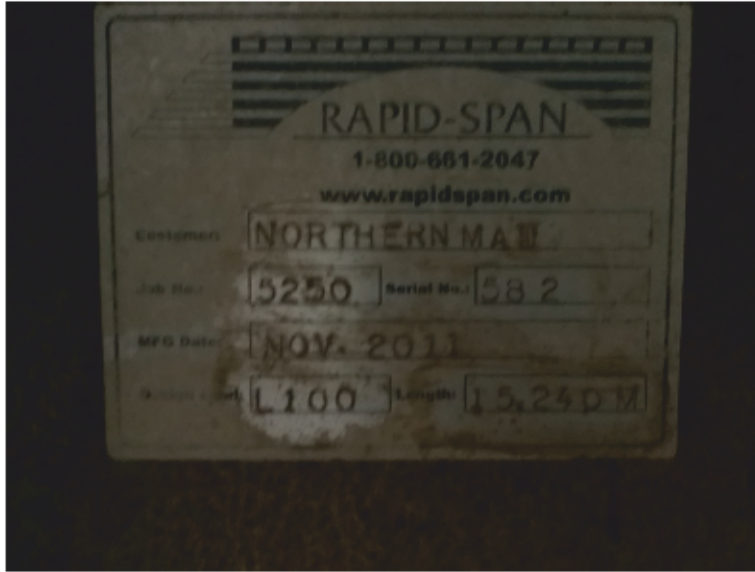
Upstream Profile



Right Bank Abutment when facing downstream



Downstream Profile



Structure ID