

SC-8041
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HOMATHKO 12.7km

2022 Inspection

CBR iPad Offline Ver



CBR Data

Latitude 51°1'31.69" Longitude -124°58'17.6"

Site Status Active

Insp. Status Inspect

Crossing Name Falls Creek

FSR # 7445 Branch # 1

Road Name HOMATHKO

User km 12.7

Previous Load Rating (tonnes) 136

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 18.3

Deck Width (m) 4.9

Updated Data

Latitude 51°1'31.86" Longitude -124°58'17.63"

HD Diff. (m) 4.9 Accuracy (m) 5

Inspection

Date of Inspection 2022-09-27 9:56:04 AM

Recommended Next Inspection 2025

Inspector Name Jonathon Harvey

Inspection Company MoF

Inspector Comments Serial/ID Plate

Site is inaccessible by vehicles, had to hike from mouth of creek up 200m to crossing. Recommend district not to P.Eng inspect bridge until access is restored. Reduce load rating until guardrails replaced

P.Eng Comments

Load Rated by: MoF, J. Harvey P.Eng., November 2022

Load Rating: 0 Tonnes GVW

Next Inspection Year: 2025

Comments:



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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y Road is inaccessible to vehicles

Delineator Missing
Left ☐ 0 ☐ 1 ☒ 2

Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Poor None present

Posted Load Rating

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills Fair

Piles or Posts Fair

Ballast Wall Fair

Wing Wall N/A

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 Fair

Grout Pockets Unrated Covered in debris

Deck Joints Unrated Covered in debris

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Poor Rotten and fallen off

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Poor Guardrails

Gravel Depth (mm)

Pier Deck N/A

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Steel/Concrete

Girders Good

Diaphragms Good

Bracing Good

Under Trussing N/A

Hardware Good

Welded/grouted
shear connectors N/A

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)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	12	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Area/sight line brushing. 50 m ² . Priority:Low	Brush out sight lines when active

2 Structure. Full Curb Replacement. 40 . Priority:High	Replace guardrails
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3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



Guard Rail



Upstream from Crossing



Downstream from Crossing



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



2022 Inspection

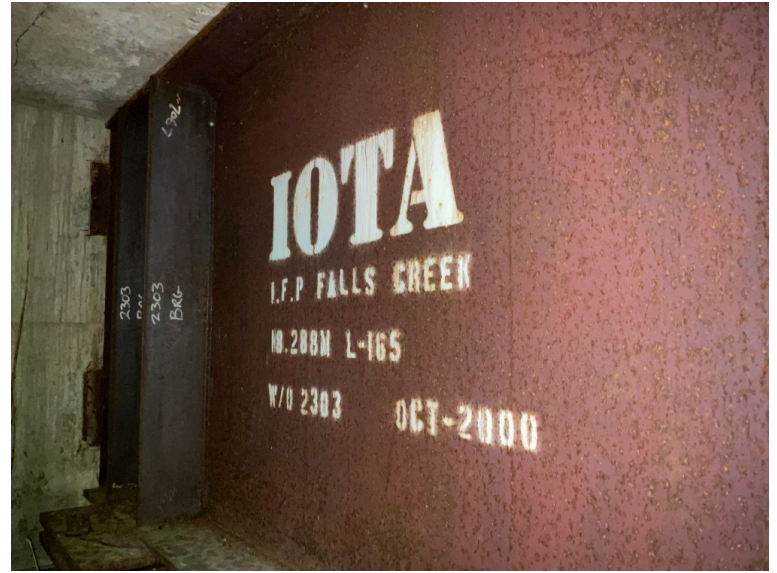
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Superstructure



Structure ID



Upstream Profile



Bearing