

CK-2134
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STS'AILES (WEST) 22.5km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°28'36.8" Longitude -121°53'19.3"

Site Status Active

Insp. Status Inspect

Crossing Name Hale Creek

FSR # 6314 Branch # 1

Road Name STS'AILES (WEST)

User km 23.5

Previous Load Rating (tonnes) 68

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Composite

Abutment Left Other

Abutment Right Concrete Cast in Place

Spans 1

Total Length (m) 30.5

Deck Width (m) 4.6

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5507742.1 Accuracy (m)

22.5km

L75 or 68 tonnes

Inspection

Date of Inspection 2022-04-26 1:42:53 PM

Inspector Name Tyson Miller

Recommended Next Inspection 2023

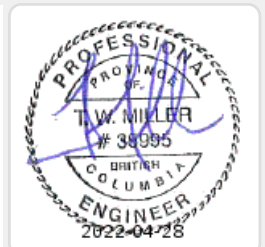
Inspection Company MoF

Inspector Comments

No apparent change in girder condition
No apparent change in upstream right bank fill erosion
Fill under downstream left bank gabions continues to erode

P.Eng Comments

Repair damage to guardrail at the downstream right and left approaches (1st panels at each approach). Remove the sediment from the bearings, girder webs and bottom flanges. Install proper fender logs or no post barriers at the right approach and downstream left bank approach. Monitor the girder condition and fill erosion under the downstream left bank gabions. The current load rating of L75 or 68 tonnes to continue.



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

X 0 ☐ 1 ☐ 2

Delineator Missing
Right

X 0 ☐ 1 ☐ 2

Fender Condition Poor

Non-existent at right approach, inefficient at downstream left approach

Posted Load Rating 68040

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Unrated

Buried at left bank

Caps or Sills

Piles or Posts Fair

Ballast Wall Fair

treated timbers, broken and cracked at right bank

Wing Wall Fair

Gabion baskets at right bank, fill eroding under downstream side

Bracing Fair

Hardware

Fill Fair

eroding at upstream right bank; however no stability concerns given bedrock foundation

Riprap Good

BR

Bearings

Corrosion Protection Fair

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Damage noted at both downstream approaches

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Both girders have noticeable deformation in the webs and bottom flanges throughout entire length

Diaphragms Fair

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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	10.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	10	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Curb Maintenance. # sites. Priority:High	Repair damaged section of rail. Requires 3 risers and 3 blocks with hardware
2 Structure. . . Priority:High	Remove sediment from the bearings, girder webs and bottom flanges at left bank
3 Approach High	Install proper approach barriers at right approach and downstream left approach

4

5

6

7

Item	Monitor Description	Frequency
1	Deformations in the girders	Annual
2	Erosion under the downstream left bank gabions	Annual
3		



Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



Downstream left bank guardrail damage



Downstream left bank guardrail damage



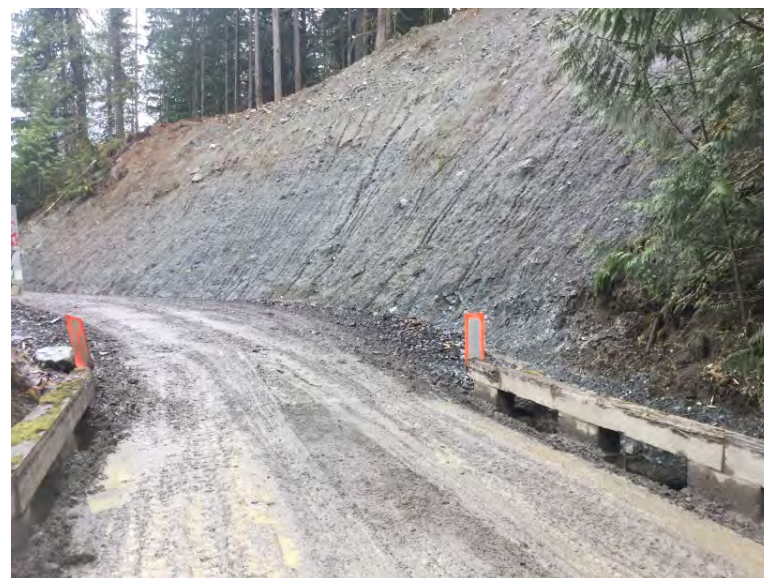
Deck



Upstream from Crossing



Downstream from Crossing



Cut bank at right approach



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Superstructure



Downstream girder



Downstream right bank side block



Ballast wall condition at downstream right bank



Downstream right bank fill retaining log condition



Fill erosion in front of upstream right bank footing



Fill against downstream left bank girder



Downstream girder



Downstream girder



Right bank abutment



Sediment accumulations on girder bearing at downstream right bank



Upstream right bank gabions



Upstream right bank gabions



Downstream right bank erosion under gabions



Downstream right bank erosion under gabions