

CK-2460
CK-2460A

Hornet FSR 0.6km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude °0'0" Longitude °0'0"

Crossing Name Unknown

FSR # Branch #

Road Name Hornet FSR

User km 0.6

Previous Load Rating (tonnes)

Structure Class Permanent Bridge

Portable Y

Superstructure Steel Box Beam

Deck Type Steel

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 49°36'16.88" Longitude -121°49'73"

HD Diff. (m) 9976251.9 Accuracy (m) 30

L75 or 68 tonnes

Inspection

Date of Inspection 2020-06-04 10:09:51 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2023

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Replace the existing log fenders with minimum 6m length x 600mm diameter logs. Replace missing delineators. Monitor the deck deformations noted to the downstream girder, the riprap condition, the eroding fill slope at the downstream left bank, and the concrete spalls noted to the right bank concrete cap. The current load rating of L75 or 68 tonnes to continue.



2020-11-30

P.Eng Seal

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Approach

Alignment Fair

VC 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 Fair

Undersized logs

Posted Load Rating

Not posted

Road Surface Good

Abutment

Log/Timber Crib

Tie Backs

Bin Wall

Pier

Concrete Fair

Minor damage noted to top of cap at right bank

Caps or Sills Fair

Treated timbers (150mm + 100mm) on top of concrete cap/wall

Piles or Posts Unrated

Buried

Ballast Wall Good

Wing Wall

Bracing Unrated

Buried

Hardware

Fill Fair

Over steepend and eroding at downstream left bank

Riprap Fair

Large round boulders that have been scoured

Bearings Good

Corrosion Protection

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate Fair

Deck deformation noted along both edges of downstream girder

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

Diaphragms Unrated Internal

Bracing Unrated Internal

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)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.5	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Delineator maintenance. . Priority:Low	Replace missing delineators
2 Medium	Replace log fenders with min 6m length x 600mm diameter logs
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1	Down stream left bank fill slope condition	Routine Inspection
2	Concrete spalls at right bank	Routine Inspection
3	Riprap condition	Routine Inspection
4	Downstream girder deck edge deformations	Routine Inspection



Approach from Left Bank when facing downstream



Deck



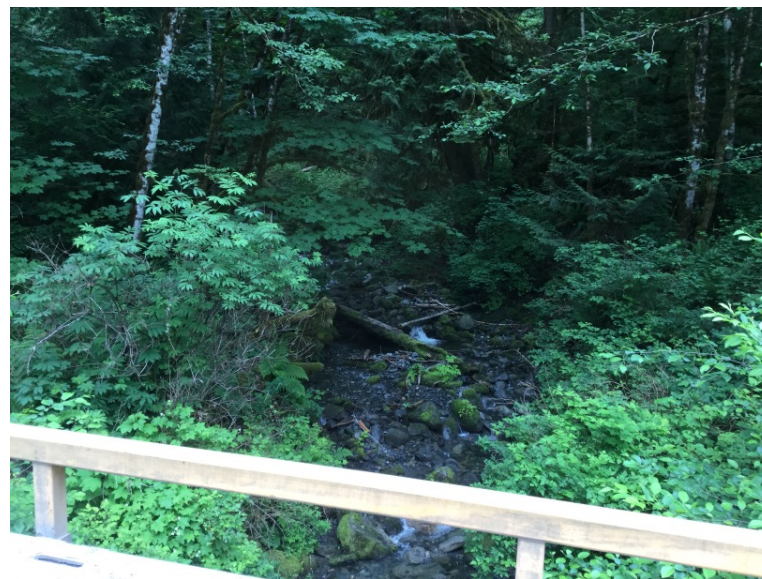
Deformation of deck plate on downstream girder



Deformation of deck plate on downstream girder



Guardrail connection



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Timber sills stacked at right bank



Left Bank Abutment when facing downstream



Superstructure



Left bank riprap



Damage noted to right bank concrete cap



Girder connection



Structure ID



Downstream left bank fill

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Right Bank Abutment when facing downstream