

CK-2042
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FLEETWOOD 4km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude 49°23'26.99" Longitude -122°1'14.5"

Crossing Name Maisal Creek

FSR # 8241 Branch # 8

Road Name FLEETWOOD

User km 4

Previous Load Rating (tonnes) 136

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) 27.5

Deck Width (m) 4.9

Updated Data

Latitude 49°23'27.24" Longitude -122°1'14.27"

HD Diff. (m) 8.7 Accuracy (m) 5

4.3

L150 or 136 tonnes

Inspection

Date of Inspection 2020-05-21 12:51:11 PM

Inspector Name Tyson Miller

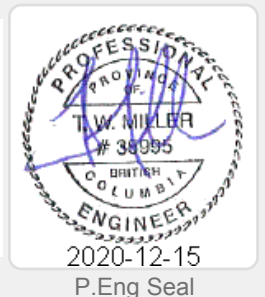
Recommended Next Inspection Year 2023

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Remove sediment from deck. Replace missing delineators. Brush and grade approaches. The current load rating of L150 or 136 tonnes to continue.



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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing
Left ☐ 0 ☒ 1 ☐ 2

Delineator Missing
Right ☐ 0 ☒ 1 ☐ 2

Fender Condition Fair

Posted Load Rating Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Fair Minor damage noted at surface

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Fair All 4 bearing pads bulging

Corrosion Protection Fair

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Deck

Running Surface Fair Sediment collecting on deck

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Minor damage noted along both wheel path locations

Grout Pockets Unrated Too much sediment to properly assess

Deck Joints Fair

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Good 5 bolted bays

Bracing Good

Under Trussing

Hardware Good

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)	15.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Area/sight line brushing. m². Priority:Medium	Brush approaches
2 Approach. Approach surfacing grading. m. Priority:Low	Grade approaches
3 Structure. Clean Deck. # of delineators. Priority: High	Clean sediment from deck
4 Structure. Delineator maintenance. . Priority:Low	Replace missing delineators

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Deck



Sediment on deck



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Superstructure



Typical bearing pad condition in all 4 cases



Minor damage noted on wheel path



Right Bank Abutment when facing downstream