CK-2042
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FLEETWOOD 4km

2020 Inspection

CBR iPad Offline Ver 0.33

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°23'26.99"	-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	Longitude
49°23'27.24"	-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	Recommended Next Inspection Year	2023
Inspector Name	Tyson Miller	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.

2020-12-15

P.Eng Seal

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	

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		

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

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

Sediment on deck

Deck

Upstream from Crossing

Downstream from Crossing

Left Bank Abutment when facing downstream

Approach from Right Bank when facing downstream

Superstructure

Typical bearing pad condition in all 4 cases

Right Bank Abutment when facing downstream

Minor damage noted on wheel path