CK-2234	RUBY 17km	2018 Inspection

CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°25'20.1"	-121°39'35.1"

Crossing Name	West Fork Ruby Creek
FSR #	8125
Branch #	1
Road Name	RUBY
User km	17
Current Load Rating (tonnes)	54
Structure Class	Permanent Bridge
Portable	N
Superstructure	Compo Girders
Deck Type	Concrete
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	17.2
Deck Width (m)	8

Updated Data

Latitude	Longitude
49°25'20.18"	-121°39'35.2"

HD Diff. (m)	3.0	Accuracy (m)	5

L60 or 54 tonnes

Inspection

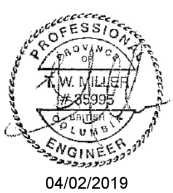
Date of Inspection	2018-05-31 1:01:22 PM	Recommended Next Inspection Year	2021
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

At the time of inspection the guardrails were being replaced and delineators were onsite. The crew was also instructed to repair the damaged concrete panel as identified in the last inspection

P.Eng Comments

Ensure the damage noted to the deck panel has been repaired. Place log fenders or concrete no post barriers at both approaches and post bridge ahead signs. Current load rating of L60 or 54 tonnes to continue. Because the design load rating is lower then the highway legal limit I recommend posting load rating signs.



P.Eng Seal

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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	Missing right bank fenders
Posted Load Rating		Not posted
Road Surface	Fair	

Abutment

Log/Timber Cribs	
Tie Backs	
Bin Wall	
Concrete	
Caps or Sills	
Piles or Posts	Good
Ballast Wall	Good
Wing Wall	
Bracing	Good
Hardware	
Fill	Good
Riprap	Good
Bearings	Good
Corrosion Protection	Good

Deck

Running Surface	Good	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Good	
Grout Pockets	Good	
Deck Joints	Good	
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Excellent	Being installed
Hand Rails/Walkouts		
Hardware	Good	
Overall Deck Condition	Good	
Gravel Depth (mm)		

Steel/Concrete

Girders	Good	3 compo girders
Diaphragms	Good	1 welded bay between each set at center
Bracing		
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

Hazards

Estimated Present Water Level Depth (m)	0.4	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	5.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Repair damage to panel
2	Medium	Place fenders at right approach and post bridge ahead signs
3	High	Post load rating signs

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

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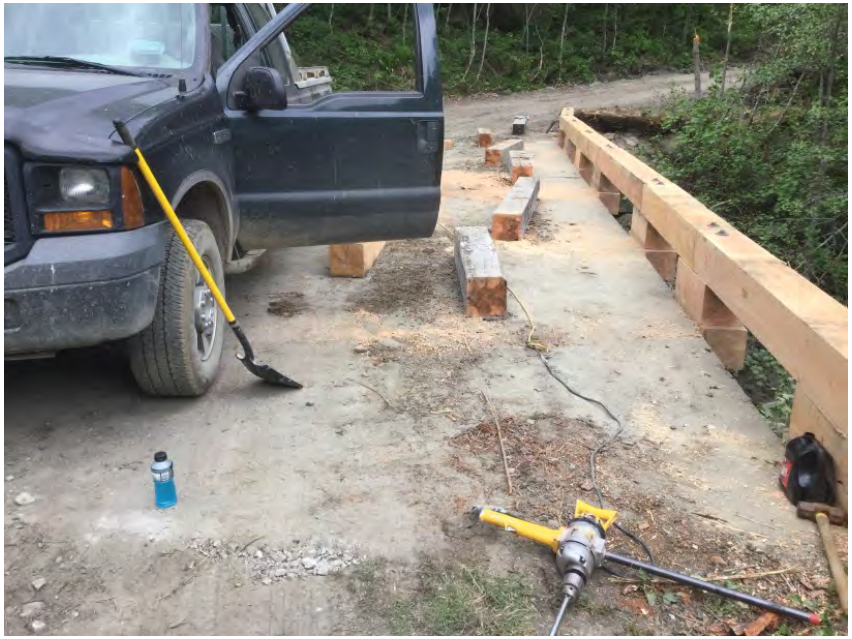
Approach from Right Bank when facing downstream

Upstream from Crossing



Deck

Downstream from Crossing

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Approach from Left Bank when facing downstream

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Superstructure

Damage to downstream left bank panel 1