CK-2102	ROCKY POINT 0.2km	2019 Inspection

CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°18'42.09"	-122°19'21.1"

Crossing Name	Sayers Creek
FSR #	8648
Branch #	2
Road Name	ROCKY POINT
User km	0.2
Previous Load Rating (tonnes)	54
Structure Class	Permanent Bridge
Portable	N
Superstructure	Compo Girders
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	18.8
Deck Width (m)	6.1

Updated Data

Latitude	Longitude
49°18'42.09"	-122°19'20.55"

HD Diff. (m)	11.0	Accuracy (m)	10

	0.4
	L60 or 54 tonnes

Inspection

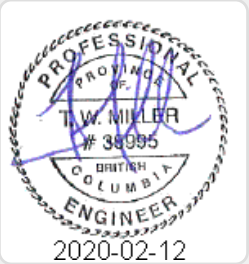
Date of Inspection	2019-08-13 10:54:05 AM	Recommended Next Inspection Year	2022
Inspector Name	Tyson Miller	Inspection Company	FLNRORD

Inspector Comments

Section loss not anticipated based on limited extent of corrosion on girders

P.Eng Comments

Replace guardrail, risers and blocks. Realign the no post barriers and brush approaches. Post bridge ahead signs and replace missing delineators. Clean sediment from deck. Monitor the condition of the deck joints and grout pockets; and the steel girder corrosion in these areas. The current load rating of L60 or 54 tonnes to continue.



P.Eng Seal

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Approach

Alignment	Fair	HC both approaches
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	Y	
Delineator Missing Left	● 0 ○ 1 ○ 2	
Delineator Missing Right	○ 0 ○ 1 ● 2	
Fender Condition	Poor	No post barriers pushed off road at right approach
Posted Load Rating		Not posted
Road Surface	Fair	

Abutment

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

Deck

Running Surface	Fair	Sediment on deck
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	Rotten risers and blocks
Hand Rails/Walkouts		
Hardware	Fair	
Overall Deck Condition	Poor	Due to rail condition
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Fair	Composite girders with sections of corrosion at deck joint and grout pocket locations
Diaphragms	Fair	Corrosion noted
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)	0.3	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	6.5	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	2.5	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Replace guardrail, risers and blocks; and replace delineators
2	Medium	Clean sediment from deck and brush approaches
3	High	Reset no post barriers

Item	Monitor Description	Frequency
1	Deck joint and grout pocket condition and the steel girder corrosion in these locations	Routine Inspection
2		
3		

Sketch
(Select Signature)

Upstream from Crossing

Approach from Left Bank when facing downstream

Downstream from Crossing

Deck

Left Bank Abutment when facing downstream

Sediment on deck and damaged guardrail

Slight bulging of bearing pads

Approach from Right Bank when facing downstream

Corrosion noted on center diaphragm

Superstructure

Corrosion of girders noted at deck panel joints

Right Bank Abutment when facing downstream

Slight top flange deformation noted downstream left bank