SQ-3077
SQ-3077

5.8km

2021 Inspection

CBR iPad Offline Ver 0.33

CBR Data

Latitude	Longitude
50°10'47.3"	-122°56'17.2"

Crossing Name	Sixteen Mile Creek
FSR #	7910
Branch #	3
Road Name	
User km	5.8
Previous Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Removable
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	14.3
Deck Width (m)	4.32

Updated Data

Latitude	Longitude
50°10'46.66"	-122°56'15.37"

HD Diff. (m)	41.3	Accuracy (m)	5

Inspection

Date of Inspection: 2021-09-23 8:54:29 AM

Recommended Next Inspection Year

Inspector Name: Greg Dohm

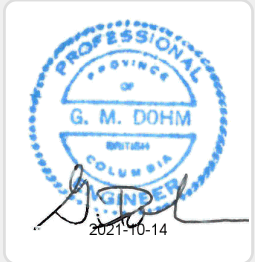
Inspection Company: FLNRORD

Inspector Comments

Serial/ID Plate

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Oct. 14, 2021
Load Rating: L75 or 68 tonnes
Next Inspection: 2024
Comments:



P.Eng Seal

Approach

Alignment	Fair	
Bridge Ahead Signs Missing	(•) 0 ( ) 1 ( ) 2	
Brushing Required	Y	
Delineator Missing Left	(•) 0 ( ) 1 ( ) 2	
Delineator Missing Right	(•) 0 ( ) 1 ( ) 2	
Fender Condition	Unrated	None
Posted Load Rating	68	
Road Surface	Poor	Lots of large pot holes

Abutment

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

Deck

Running Surface	Fair	Lots of large pot holes
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Fair	
Grout Pockets		
Deck Joints	Poor	Should be sealed to limit sediment into stream
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
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)	0.1	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	3	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	2.5	Ice ☐	

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1	Structure. Joint replacement. 1 m². Priority:Low	Slab joints should be sealed
2	Approach. Approach surfacing grading. 1 m. Priority:Low	Fill and grade pot holes
3	Approach. Area/sight line brushing. 1 m². Priority:Medium	
4		
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

Approach from Right Bank when facing downstream

Upstream from Crossing

Deck

Downstream from Crossing

Approach from Left Bank when facing downstream

Right Bank Abutment when facing downstream

Upstream Profile

Left Bank Abutment when facing downstream

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Downstream Profile

Outlet

Upstream Profile

Inlet