SQ-3012	RUTHERFORD 01 8km	2019 Inspection

CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
50°17'7.14"	-122°58'14.6"

Crossing Name	Tributary to Rutherford Creek
FSR #	5673
Branch #	1
Road Name	RUTHERFORD 01
User km	8
Previous Load Rating (tonnes)	136
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	17.7
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
50°17'7.74"	-122°58'12.21"

HD Diff. (m)	50.7	Accuracy (m)	5

Inspection

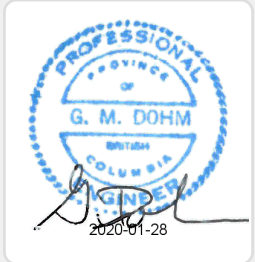
Date of Inspection	2019-09-18 10:31:19 AM	Recommended Next Inspection Year	
Inspector Name	Greg Dohm	Inspection Company	FLNRORD

Inspector Comments Serial/ID Plate

Replace guard rails on upstream side and rotten guardrails on downstream side prior to industrial use

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 24, 2020
Load Rating: L150 or 136 tonnes
Next Inspection: 2022
Comments: Replace guard rails on upstream side and rotten guardrails on downstream side



P.Eng Seal

Approach

Alignment	Fair
Bridge Ahead Signs Missing	(•) 0 ( ) 1 ( ) 2
Brushing Required	N
Delineator Missing Left	(•) 0 ( ) 1 ( ) 2
Delineator Missing Right	(•) 0 ( ) 1 ( ) 2
Fender Condition	Fair
Posted Load Rating	136
Road Surface	Fair

Abutment

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

Deck

Running Surface	Fair	
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	Replace guard rails on upstream side and rotten guardrails on downstream side
Hand Rails/Walkouts		
Hardware	Fair	
Overall Deck Condition	Poor	Due to guard rails
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Fair
Diaphragms	Fair
Bracing	Fair
Under Trussing	
Hardware	Fair
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)	.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	6	Ice	☐		

Comments

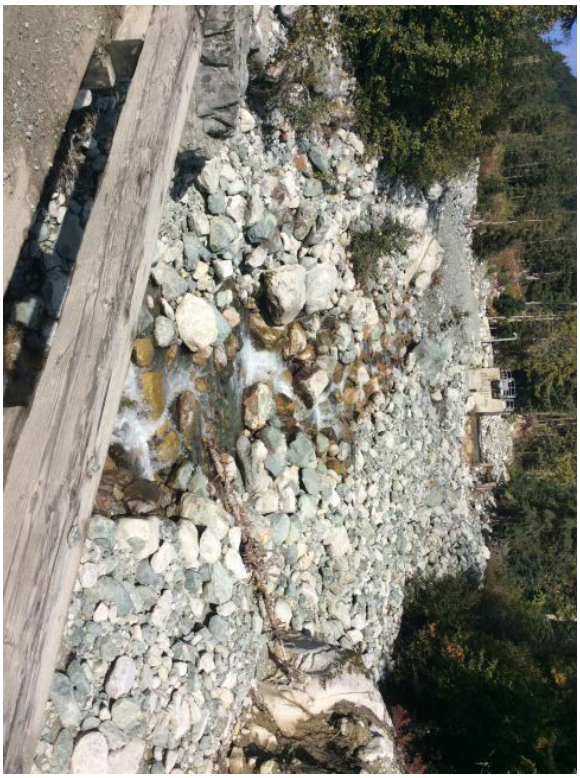
Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Replace guard rails on upstream side and rotten guardrails on downstream side
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Approach from Left Bank when facing downstream



Upstream from Crossing

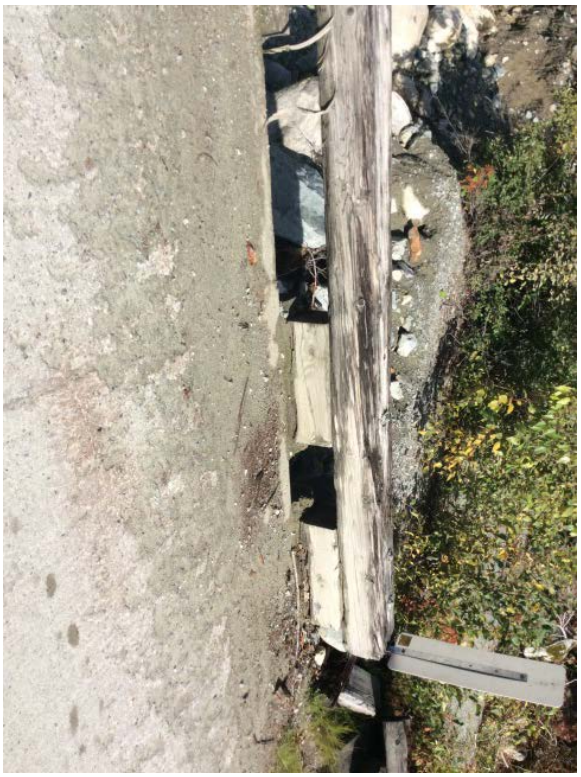
Deck

Downstream from Crossing

Approach from Right Bank when facing downstream

Guard Rail

Upstream Profile



Guard Rail

Left Bank Abutment when facing downstream

Downstream Profile

Right Bank Abutment when facing downstream

Guard Rail