SQ-3107	HIXON 0.8km	2019 Inspection

CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°30'36.69"	-122°53'21.5"

Crossing Name	Hixon Creek
FSR #	4823
Branch #	5
Road Name	HIXON
User km	0.8
Previous Load Rating (tonnes)	62
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Concrete Cast in Place
Spans	1
Total Length (m)	18.2
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
49°30'36.35"	-122°53'22.42"

HD Diff. (m)	21.4	Accuracy (m)	5

Inspection

Date of Inspection	2019-09-16 2:01:50 PM
Inspector Name	Greg Dohm

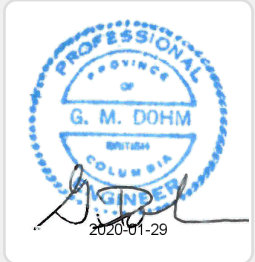
Recommended Next Inspection Year

Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., January 28, 2020
Load Rating: BCL625 or 63 tonnes
Next Inspection: 2022
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	Fair
Posted Load Rating	
Road Surface	Fair

Abutment

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

Deck

Running Surface	Fair	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Unrated	Gravel covering
Grout Pockets	Unrated	Ditto
Deck Joints	Unrated	Ditto
Steel Deck Plate		
Gravel Surface	Fair	
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Fair	
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Fair
Diaphragms	
Bracing	
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)	1	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	8	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	10	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Bearing

Approach from Right Bank when facing downstream

Bearing

Deck

SQ-3107

HIXON 0.8km

2019 Inspection

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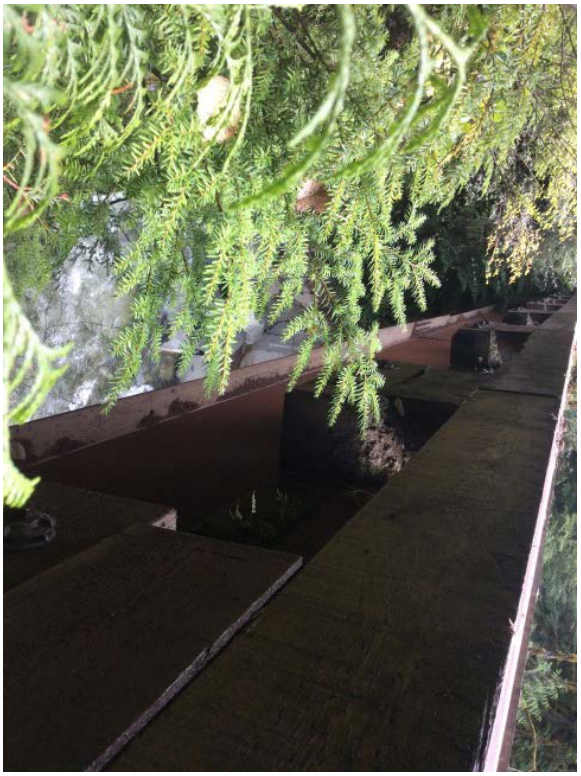
Upstream from Crossing

Upstream Profile



Downstream from Crossing

Downstream Profile

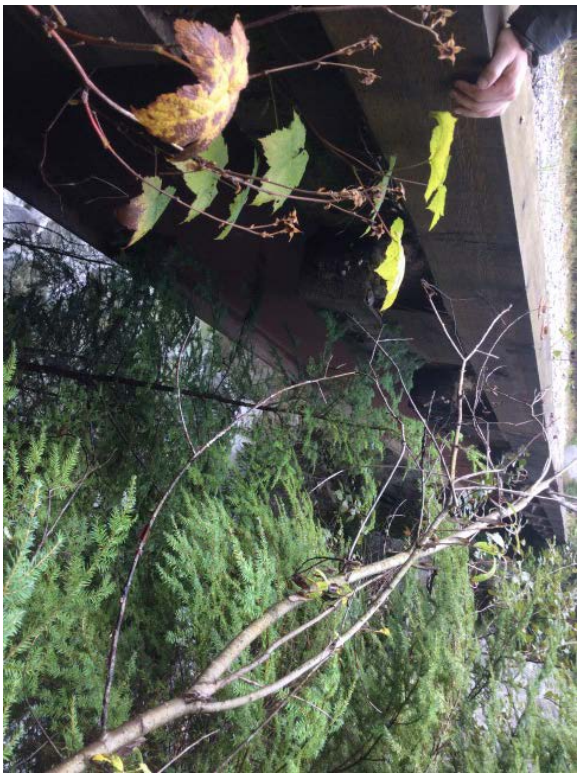
SQ-3107

HIXON 0.8km

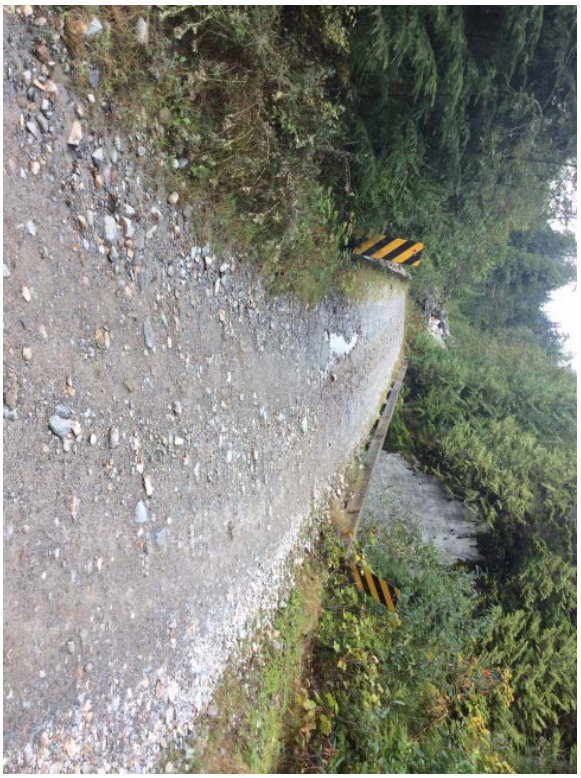
2019 Inspection

CBR iPad Offline Ver 0.31

Upstream Profile



Approach from Left Bank when facing downstream



Deck

Bearing