

SQ-3067

IN-SHUCK-CH FSR 56km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°54'44.1"	-122°19'6.3"
Crossing Name	18 Mile Creek
FSR #	7343
Branch #	1
Road Name	IN-SHUCK-CH FSR
User km	56
Previous Load Rating (tonnes)	91
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	21.3
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°54'44.33"	-122°19'6.06"
HD Diff. (m)	8.5
Accuracy (m)	6

Inspection

Date of Inspection 2019-09-17 12:24:45 PM

Inspector Name Gino Fournier

Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

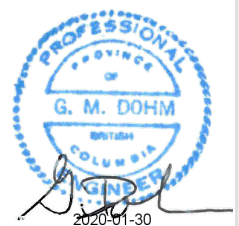
P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 24, 2020

Load Rating: L100 or 91 tonnes

Next Inspection: 2022

Comments: Replace broken risers ASAP and look to replace both guardrails in next 12 months due to rot starting.



P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good No posts all sides

Posted Load Rating 91

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills N/A

Piles or Posts Fair

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware N/A

Fill Fair

Riprap Fair Slow moving stream with low flows. Compare to old photos to see if anything is moving.

Bearings Good

Corrosion Protection N/A

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**Deck**

Running Surface Good

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Good

Grout Pockets Good

Deck Joints Good

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Poor Replace broken risers ASAP and look to replace both guardrails in next 12 months due to rot starting.

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders Good

Diaphragms Good

Bracing Good

Under Trussing N/A

Hardware Good

Welded/grouted
shear connectors N/A**Log**

Log Curbs N/A

Needle Beam N/A

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
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Hazards

Estimated Present Water Level Depth (m)	.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	7	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Replace broken risers ASAP and look to replace both guardrails in next 12 months due to rot starting.
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

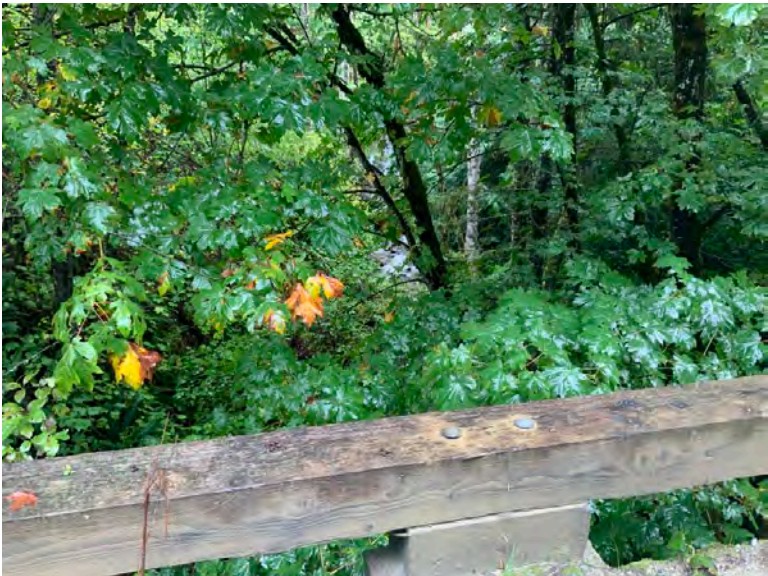
Sketch
(Select Signature)



Guard Rail



Approach from Left Bank when facing downstream



Upstream from Crossing



Approach from Right Bank when facing downstream



Downstream from Crossing



Guard Rail



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream