

SQ-3005

STAWAMUS-INDIAN MAIN

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°31'28.09"	-122°54'9.8"
Crossing Name	Forestry Creek
FSR #	4823
Branch #	1
Road Name	STAWAMUS-INDIAN MAIN
User km	28.1
Previous Load Rating (tonnes)	108
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)	15.2
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
49°31'30.21"	-122°54'10.57"
HD Diff. (m)	67.1
Accuracy (m)	5

27

Inspection

Date of Inspection 2019-09-16 3:31:23 PM

Inspector Name Greg Dohm

Recommended Next Inspection Year

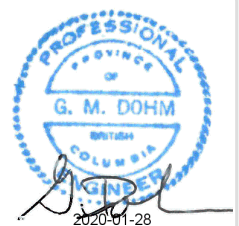
Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Bridge closed for industrial use until rotten and missing curb rails replaced

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 24, 2020
Load Rating: L120 or 109 tonnes
Next Inspection: 2022
Comments: Curb rails found to require replacement. Curb rails were subsequently replaced in October 2019.



P.Eng Seal

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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 Poor Missing

Posted Load Rating

Road Surface

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

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**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 Curb rails rotten and missing

Hand Rails/Walkouts

Hardware

Overall Deck Condition

Gravel Depth (mm)

Pier Deck

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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

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Hazards

Estimated Present Water Level Depth (m)	.1	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	4	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Bridge closed for industrial use until rotten and missing curb rails replaced
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Approach from Right Bank when facing downstream



Guard Rail



Guard Rail



Deck



Upstream from Crossing



Downstream from Crossing



Downstream Profile



Downstream Profile



Bearing



Guard Rail



Downstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Upstream Profile

Bridge SQ-3005

Completed – October 11th





