

SQ-3143
SQ-3143

SPRUCE 01 0.1km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude 50°31'5.46" Longitude -122°29'39.4"

Crossing Name Spruce Creek

FSR # 9034 Branch # 1

Road Name SPRUCE 01

User km 0.1

Previous Load Rating (tonnes) 150

Structure Class Temporary Bridge

Portable N

Superstructure Steel Box Beam

Deck Type Steel

Abutment Left Concrete Lock Blocks

Abutment Right Concrete Lock Blocks

Spans 1

Total Length (m) 15.2

Deck Width (m) 4.9

Updated Data

Latitude 50°31'5.29" Longitude -122°29'38.75"

HD Diff. (m) 13.9 Accuracy (m) 5

Inspection

Date of Inspection 2020-09-10 9:27:47 AM

Inspector Name Gino Fournier

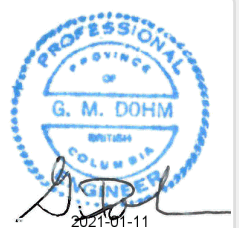
Inspector Comments Serial/ID Plate For steel bridge

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 7, 2021
Load Rating: L150 or 136 tonnes
Next Inspection: 2022
Comments:



P.Eng Seal

SQ-3143
SQ-3143

SPRUCE 01 0.1km

2020 Inspection

CBR iPad Offline Ver 0.33



Approach

Alignment Good

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 Logs

Posted Load Rating 150

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills Fair For all steel portable

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Fair

Riprap Poor Needs to be replaced when portable is placed permanently

Bearings N/A

Corrosion Protection N/A

SQ-3143
SQ-3143

SPRUCE 01 0.1km

2020 Inspection

CBR iPad Offline Ver 0.33



Deck

Running Surface Fair

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck N/A

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate Fair

Gravel Surface N/A

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Fair

Gravel Depth (mm) 0

Pier Deck N/A

SQ-3143
SQ-3143

SPRUCE 01 0.1km

2020 Inspection

CBR iPad Offline Ver 0.33



Steel/Concrete

Girders Good

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors N/A

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
--------------------	---------	--------	------------------	-------------------	-----------	---------

SQ-3143
SQ-3143

SPRUCE 01 0.1km

2020 Inspection

CBR iPad Offline Ver 0.33



Hazards

Estimated Present Water Level Depth (m)	.3	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	6	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Miscellaneous. Total Structure Replacement. # of items. Priority:High	Remove log bridge before it fully collapses and plugs the stream and blows out the portable with it.

2

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Downstream from Crossing



Upstream from Crossing



Old log bridge collapsing



Broken stringer



Upstream Profile