

SQ-3007

STAWAMUS-INDIAN MAIN

2019 Inspection



CBR iPad Offline Ver 0.31

## CBR Data

|                               |                           |
|-------------------------------|---------------------------|
| Latitude                      | Longitude                 |
| 49°30'42.3"                   | -122°54'9.1"              |
| Crossing Name                 | Indian River              |
| FSR #                         | 4823                      |
| Branch #                      | 1                         |
| Road Name                     | STAWAMUS-INDIAN MAIN      |
| User km                       | 29.6                      |
| Previous Load Rating (tonnes) | 109                       |
| Structure Class               | Permanent Bridge          |
| Portable                      | N                         |
| Superstructure                | Steel I-beam              |
| Deck Type                     | Concrete Composite        |
| Abutment Left                 | Pile -Permanent Materials |
| Abutment Right                | Pile -Permanent Materials |
| Spans                         | 1                         |
| Total Length (m)              | 33                        |
| Deck Width (m)                | 4.25                      |

## Updated Data

|              |               |
|--------------|---------------|
| Latitude     | Longitude     |
| 49°30'41.64" | -122°54'7.25" |
| HD Diff. (m) | 42.4          |
| Accuracy (m) | 5             |

## Inspection

Date of Inspection 2019-09-16 2:49:53 PM

Inspector Name Greg Dohm

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: L120 or 109 tonnes  
Next Inspection: 2022  
Comments:



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 Unrated Missing

Posted Load Rating

Road Surface Fair

## Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Fair

Caps or Sills Fair

Piles or Posts Fair

Ballast Wall Fair

Wing Wall

Bracing Fair

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 Fair

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

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)  | 2.5 | High Water  | <input checked="" type="checkbox"/> | Debris | <input type="checkbox"/> |
| Estimated Present Water Level Width (m)  | 15  | Aggradation | <input type="checkbox"/>            | Scour  | <input type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 3   | Ice         | <input type="checkbox"/>            |        |                          |

Comments

### Repairs and Monitoring

| Repair Item | Priority | Repair Description |
|-------------|----------|--------------------|
|-------------|----------|--------------------|

1

2

3

| Item | Monitor Description | Frequency |
|------|---------------------|-----------|
|------|---------------------|-----------|

1

2

3

Sketch  
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Deck



Downstream from Crossing



Upstream from Crossing



Approach from Right Bank when facing downstream



Bearing



Downstream Profile



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Upstream Profile