

SC-8165

SECHELT WILSON 0.25km

2019 Inspection



CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°27'17.39"	-123°42'22.2"
Crossing Name	Hudson Creek
FSR #	7575
Branch #	5
Road Name	SECHELT WILSON
User km	0.25
Current Load Rating (tonnes)	54
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)	16
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5505286.8
Accuracy (m)	

Inspection

Date of Inspection 2019-04-12 11:17:24 AM

Inspector Name Richard Mills

Recommended Next Inspection Year

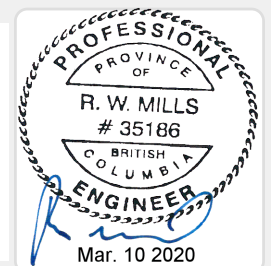
Inspection Company MFLNRO

Inspector Comments Serial/ID Plate

Girders showing advanced rust scale, particularly at abutments and in isolated areas Close proximity inspection and analysis recommended.

P.Eng Comments

Load Rated by: Forrest Simpson, EIT, Mar 2, 2020
Load Rating: L60 or 54 tonnes
Next Inspection: 2022
Comments: Load rating as determined by close proximity inspection by Onsite Engineering Ltd.



P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

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

Fender Condition Good

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete Good

Caps or Sills N/A

Piles or Posts Good

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Fair

Rusting at ground level

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Fair**

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Good**

Gravel Depth (mm)

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**Steel/Concrete**

Girders Fair

Advanced rust scaling on girders

Diaphragms Fair

Bracing Fair

Under Trussing

Hardware Good

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)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	4.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
1	Monitor superstructure corrosion	Routine Inspection

2

3

Sketch
(Select Signature)



Downstream Profile



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream - DS side



Right Bank Abutment when facing downstream -US side



Upstream Profile



Right Bank Abutment when facing downstream - DS side



Right Bank Abutment when facing downstream - US side



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream - left abutment upstream side



Downstream Profile



Downstream Profile

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Superstructure