

SC-8152
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SECHELT DAKOTA 39.66km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°32'37.7" Longitude -123°44'1.9"

Site Status Active

Insp. Status Inspect

Crossing Name Gray Creek

FSR # 7575 Branch # 1

Road Name SECHELT DAKOTA

User km 39.66

Previous Load Rating (tonnes) 136

Structure Class Permanent Bridge

Portable N

Superstructure Other

Deck Type Concrete

Abutment Left Other

Abutment Right Concrete Cast in Place

Spans 1

Total Length (m) 19.2

Deck Width (m) 4.88

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5515191.3 Accuracy (m)

Inspection

Date of Inspection 2022-09-29 9:39:04 AM

Inspector Name Richard Mills

Recommended Next Inspection 2023

Inspection Company MoF

Inspector Comments Serial/ID Plate

No apparent change since last inspection. Railcar subframe. Minor surface corrosion on bottom. No cracks or heavy corrosion visible from underneath. Guardrails are loose, and starting to show signs of rot. Should replace due to risk (height, high traffic, on corner)

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Jan 12, 2023
Load Rating: L150 or 136 tonnes
Next Inspection: 2023
Comments: Replace guardrails, clean deck.



PERMIT TO PRACTICE: 1003022

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Approach

Alignment **Good**

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required **Y**

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition **Fair**

Posted Load Rating

Road Surface **Good**

Abutment

Log/Timber Cribs **Fair**

Tie Backs **Fair**

Bin Wall

Pier

Concrete

Caps or Sills **Fair**

Piles or Posts **Fair**

Ballast Wall

Wing Wall **Fair**

Crib, both abutments

Bracing **Fair**

Hardware

Fill **Good**

Riprap **N/A**

Bearings **Good**

Corrosion Protection **Fair**

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Unrated Unable to see

Grout Pockets Unrated Unable to see

Deck Joints Unrated Unable to see

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Loose, rotten

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Surface corrosion on bottom flange.

Diaphragms

Bracing Fair

Under Trussing

Hardware

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)	2.0	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	0.3	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance	8	Ice	☐		

Comments Very low current water level for site.

Repairs and Monitoring

Repair Item	Repair Description
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1 Structure. Full Curb
Replacement. . Priority:High

2 Structure. Clean Deck. # of
delineators. Priority:Medium

3

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor crib	Routine Inspection

2

3

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Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream

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Upstream Profile



Superstructure



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream