

SC-8152
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SECHELT DAKOTA 39.66km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



CBR Data

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

Crossing Name Gray Creek

FSR # 7575 Branch # 01

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 2021-10-20 11:02:41 AM

Recommended Next Inspection Year 2022

Inspector Name Richard Mills

Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Crib and ds wingwall in fair condition. Backfill behind wingwall appears to be quality angular rock fill. Most crib and tieback logs are cedar with approx 20 - 30mm sap rot. Left abutment cast in place concrete appears to be inn good condition. Unable to access. Continue to monitor.

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Nov 18, 2021
Load Rating: L150 or 136 tonnes
Next Inspection: 2022
Comments: Replace guardrails



P.Eng Seal

SC-8152
SC-8152

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs Fair Unable to access ds wingwall crib due to high flow. Crib generally in fair condn.

Tie Backs Fair

Bin Wall

Pier

Concrete

Caps or Sills Fair

Piles or Posts Fair

Ballast Wall

Wing Wall Fair

Bracing

Hardware

Fill Good

Riprap N/A

Bearings Fair

Corrosion Protection

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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 N/A

Deck Joints N/A

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Replace guardrails

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

SC-8152
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Steel/Concrete

Girders Fair No change since last inspection

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)	1.5	High Water	☒	Debris	☐
Estimated Present Water Level Width (m)	6	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	10	Ice	☐		

Comments

Repairs and Monitoring

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

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor crib	Anually

2

3

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Right Bank Abutment when facing downstream



Guard Rail



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream crib



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Superstructure



Right Bank Abutment when facing downstream - tiebacks in fair condition



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream

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Right Bank Abutment when facing downstream



Superstructure



Right Bank Abutment when facing downstream

