

SC-8182
SC-8182

SECHELT ROBERTS 3.3km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



CBR Data

Latitude	Longitude
49°26'24.69"	-123°35'56"
Crossing Name	Not Known
FSR #	7575
Branch #	02
Road Name	SECHELT ROBERTS
User km	3.3
Previous Load Rating (tonnes)	68
Structure Class	Major Culvert
Culvert Type	Open Bottom
Culvert Material	Corrugated Steel
Opening Height (mm)	2520
Opening Width (mm)	4880
Inlet Cover (mm)	1200
Outlet Cover (mm)	1200
Culvert Gradient %	
Culvert Length (m)	24.4

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5503657.2
Accuracy (m)	

Inspection

Date of Inspection 2021-09-28 11:25:53 AM

Inspector Name Richard Mills

Recommended Next Inspection Year 2024

Inspection Company FLNRORD

Inspector Comments

Footings and small section of geofabribric below footing exposed due to scour. Possibly due to minor elevation downcutting of stream channel. Appears stable and unlikely to be an issue, but should be monitored next inspection.

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Nov 19, 2021
Load Rating: L75 or 68 tonnes
Next Inspection: 2024



P.Eng Seal

SC-8182
SC-8182

SECHELT ROBERTS 3.3km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



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

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall N/A

Bracing

Hardware

Fill Good

Riprap Fair

Bearings

Corrosion Protection

SC-8182
SC-8182

SECHELT ROBERTS 3.3km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



Culvert

Baffles N/A

Bolted Connections Good

Coating Good

Coupled Connections N/A

Embedment Materials N/A

Fill Good

Floor Unrated Open bottom

Footing Fair Minor scour in some isolated spots, but ok

Head Walls N/A

Inlet Good

Outlet Good

Overall Good

Rip Rap Fair

Roof Good

Sidewalls Good

Trash Rack N/A

Weirs/Backwater
Structures N/A

Wing Walls N/A

SC-8182
SC-8182

SECHELT ROBERTS 3.3km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



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

SC-8182
SC-8182

SECHELT ROBERTS 3.3km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



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)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
-------------	--------------------

1

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor scour	Routine Inspection

2

3

SC-8182
SC-8182

SECHELT ROBERTS 3.3km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Inlet

SC-8182
SC-8182

SECHELT ROBERTS 3.3km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



Outlet



Footing - typical scour

