

SC-8142

SECHELT DAKOTA 27.1km

2020 Inspection



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CBR Data

Latitude	Longitude
49°30'33.9"	-123°39'41.6"
Crossing Name	Not known
FSR #	7575
Branch #	1
Road Name	SECHELT DAKOTA
User km	27.1
Previous Load Rating (tonnes)	5
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Treated
Abutment Left	Pile -Permanent Materials
Abutment Right	Pile -Permanent Materials
Spans	1
Total Length (m)	10.7
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5511363.1
Accuracy (m)	

Inspection

Date of Inspection 2020-11-06 10:05:11 AM

Inspector Name Richard Mills

Recommended Next Inspection Year 2021

Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Plan for replacement or deactivation. Currently behind locked gate

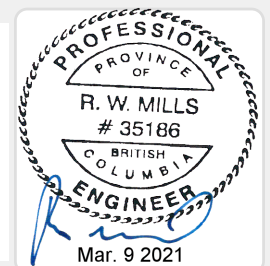
P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Feb 23, 2021

Load Rating: 5 tonnes

Next Inspection: 2022

Comments: Replace timber deck, ties and guardrails .Plan for replacement or deactivation.



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 Poor Missing

Posted Load Rating 5

Road Surface Poor Partial deactivated. 4x4 access only.

Abutment

Log/Timber Cribs Fair Fill retention only

Tie Backs Fair

Bin Wall

Pier

Concrete Good

Caps or Sills Good

Piles or Posts Good

Ballast Wall Fair Timber

Wing Wall Fair Crib

Bracing Good

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection

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**Deck**

Running Surface	Poor	Partial deactivated. 4x4 access only.
Running Planks	Poor	Rotten
Sub Deck	N/A	
Ties	Poor	Rotten
Nails	Fair	
Deck to Girder Bolts	Unrated	None seen
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Poor	Rotten
Hand Rails/Walkouts		
Hardware	Fair	
Overall Deck Condition	Poor	Due to timber condition
Gravel Depth (mm)		
Pier Deck		

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**Steel/Concrete**

Girders Fair

3 girders. Re-used girders.

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)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	1.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	4.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Replace timber deck and guardrails

2

3

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Deck



Approach from Right Bank when facing downstream



Guard Rail



Load Rating Sign





Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Superstructure

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Downstream Profile



Superstructure



Downstream Profile



Upstream Profile



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