SC-8142	SECHELT DAKOTA 27.1km	2020 Inspection

CBR iPad Offline Ver 0.31

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	Recommended Next Inspection Year	2021
Inspector Name	Richard Mills	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 (•) 2	
Delineator 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		

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		

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

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

Left Bank Abutment when facing downstream

Approach from Left Bank when facing downstream

Superstructure

Right Bank Abutment when facing downstream

Downstream Profile

Superstructure

Downstream Profile

Upstream Profile