SC-8340	HALFMOON CARLSON 3km	2019 Inspection

CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°30'9.29"	-123°50'11.5"

Crossing Name	Wakefield Creek
FSR #	6003
Branch #	3
Road Name	HALFMOON CARLSON
User km	3
Current Load Rating (tonnes)	136
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Concrete
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	10
Deck Width (m)	4.89

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5510602.3	Accuracy (m)	

Inspection

Date of Inspection	2019-04-12 10:27:51 AM	Recommended Next Inspection Year	
Inspector Name	Richard Mills	Inspection Company	MFLNRO

Inspector Comments

Serial/ID Plate

P.Eng Comments

Load Rated by: Forrest Simpson, EIT, Mar 2, 2020
Load Rating: L150 or 136 tonnes
Next Inspection: 2022

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. W. MILLS
35186
Mar. 10 2020

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	Good	
Posted Load Rating		
Road Surface	Good	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Concrete	Good	
Caps or Sills	Good	
Piles or Posts	Unrated	Unable to see
Ballast Wall	Good	
Wing Wall		
Bracing		
Hardware		
Fill	Good	
Riprap	Good	
Bearings	Good	
Corrosion Protection		

Deck

Running Surface	Good	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Good	Minor chipping end of slab left abutment approach
Grout Pockets		
Deck Joints	Good	
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts		
Hardware	Good	
Overall Deck Condition	Good	
Gravel Depth (mm)		

Steel/Concrete

Girders	Good
Diaphragms	
Bracing	
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

Hazards

Estimated Present Water Level Depth (m)	0.2	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	2.2	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.8	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

SC-8340 HALFMOON CARLSON 3km 2019 Inspection

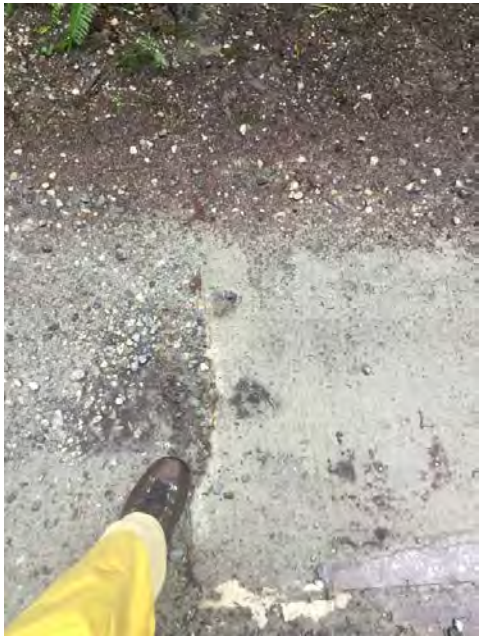
Approach from Right Bank when facing downstream

Right Bank Abutment when facing downstream

Approach from Left Bank when facing downstream

Left Bank Abutment when facing downstream

Inlet



Approach from Left Bank when facing downstream