CK-2490
CK-2490

CENTRE 1.4km

2022 Inspection

CBR iPad Offline Ver 0.36

CBR Data

Latitude	Longitude
49°5'41.49"	-121°34'7.7"

Site Status	Active
Insp. Status	Inspect
Crossing Name	Back Channel
FSR #	5127
Branch #	17
Road Name	CENTRE
User km	1.4
Previous Load Rating (tonnes)	68
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)	8
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°5'41.33"	-121°34'7.95"

HD Diff. (m)	7.3	Accuracy (m)	5

L75 or 68 tonnes

Inspection

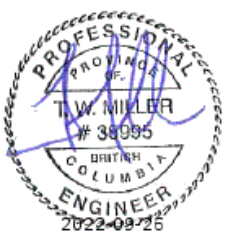
Date of Inspection	2022-04-08 12:24:36 PM
Inspector Name	Tyson Miller
Recommended Next Inspection	2025
Inspection Company	MoF

Inspector Comments

Review last inspection abutment pictures to see if riprap has moved since last inspection

P.Eng Comments

There does not appear to be much/any change to the riprap condition from the last inspection in 2019, continue to monitor the riprap condition at both abutments. Remove the debris noted at the inlet and grade approaches. The current load rating of L75 or 68 tonnes to continue.



PERMIT TO PRACTICE: 1003022

Approach

Alignment	Excellent	
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		Not posted
Road Surface	Fair	Potholes at both approaches

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Pier		
Concrete		
Caps or Sills	Good	
Piles or Posts	Unrated	Buried
Ballast Wall		
Wing Wall		
Bracing	Unrated	Buried
Hardware		
Fill	Good	
Riprap	Fair	Minor erosion noted with filter fabric visible at both abutments
Bearings	Good	
Corrosion Protection	Unrated	Buried steel components

Deck

Running Surface	Good
Running Planks	
Sub Deck	
Ties	
Nails	
Deck to Girder Bolts	
Concrete Deck	Good
Grout Pockets	
Deck Joints	
Steel Deck Plate	
Gravel Surface	
Curb Rail/Blocks/Posts	Good
Hand Rails/Walkouts	
Hardware	Good
Overall Deck Condition	Good
Gravel Depth (mm)	
Pier Deck	

Steel/Concrete

Girders	Good	3 concrete slabs
Diaphragms		
Bracing		
Under Trussing		
Hardware		
Welded/grouted shear connectors	Good	3 welded connectors per slab

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)	5.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	1.0	Ic	☐		

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1	Approach. Approach surfacing grading. m. Priority:Low	
2	Channel. Debris removal. # of sites/items. Priority:Medium	Remove debris at inlet of bridge and CSP
3		
4		
5		
6		
7		

	Item	Monitor Description	Frequency
1	Riprap scour at both abutments		Routine Inspection
2			
3			

Approach from Left Bank when facing downstream

Deck

Upstream from Crossing

Partial flow staying on cutslope side of road flowing through CSP

Downstream from Crossing

Rail bolt top plate washer

Left Bank Abutment when facing downstream

Approach from Right Bank when facing downstream

Paraseal condition

Right Bank Abutment when facing downstream

Small spall on left bank cap