CK-2240	SPUZZUM 5km	2019 Inspection

CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°40'29.39"	-121°28'16.7"

Crossing Name	5 Mile Creek
FSR #	8128
Branch #	1
Road Name	SPUZZUM
User km	5
Current Load Rating (tonnes)	64
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Concrete
Abutment Left	Concrete Cast in Place
Abutment Right	Concrete Cast in Place
Spans	1
Total Length (m)	19.3
Deck Width (m)	7.2

Updated Data

Latitude	Longitude
49°40'29.53"	-121°28'15.96"

HD Diff. (m)	15.3	Accuracy (m)	16

BCL-625 or 64 tonnes

Inspection

Date of Inspection	2019-06-27 8:59:08 AM	Recommended Next Inspection Year	2022
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

The 2 outside slab girders were added to the original 4 inside slab girders 2 years after the original install. Since the original outside slab girders do not have keys and not attached to the existing outside slab girders there is differential movement between them, which will causing the joint to disintegrate over time, monitor. Also, the riprap recently placed at the left upstream corner is steep and needs to be monitored. The current load rating of BCL-625 or 64 tonnes to continue.

P.Eng Seal

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Approach

Alignment	Fair	HC both approaches
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	Good	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Concrete	Good	CIP
Caps or Sills		
Piles or Posts		
Ballast Wall		
Wing Wall	Good	CIP and rock
Bracing		
Hardware		
Fill	Good	
Riprap	Fair	Upstream left bank is steep - monitor
Bearings	Good	
Corrosion Protection		

Deck

Running Surface	Good	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Fair	2 outside panels are not shear connected to the inside ones
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)		

Steel/Concrete

Girders	Good	6 concrete slabs, outside ones not shear connected to the inside ones
Diaphragms		
Bracing		
Under Trussing		
Hardware		
Welded/grouted shear connectors	Good	Grouted - just for the 4 inside slabs

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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	9.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	7.0	Ice	☐		

Comments: Monitor riprap at upstream left bank

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1	Upstream left bank riprap	Routine Inspection
2		
3		

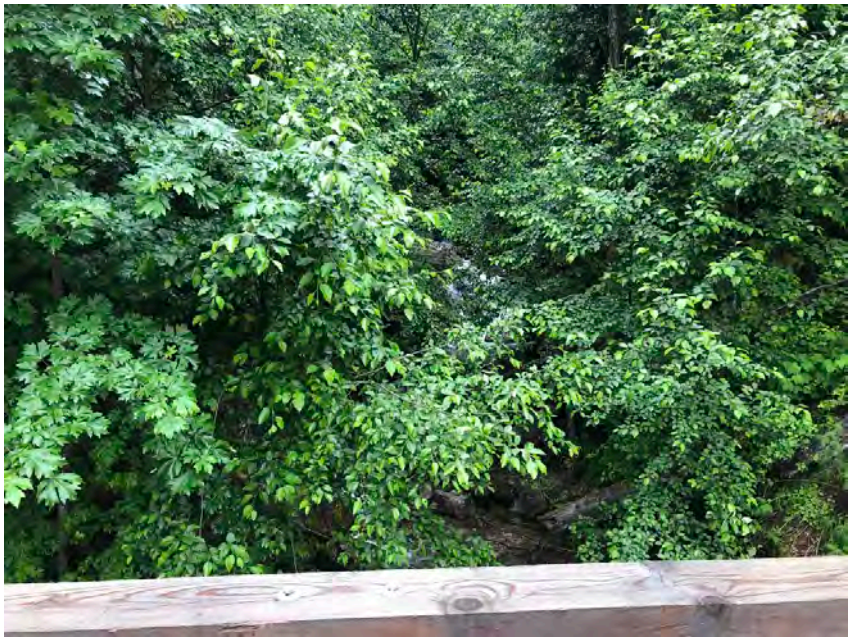
Sketch
(Select Signature)

Approach from Right Bank when facing downstream

Deck

Spray foam used to fill joint on outside slabs

CK-2240 SPUZZUM 5km 2019 Inspection



Upstream from Crossing

Upstream right bank riprap

Downstream from Crossing

Approach from Left Bank when facing downstream

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Upstream left bank riprap