CK-2241	SPUZZUM 25.4km	2019 Inspection

CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°44'15.79"	-121°41'22.8"

Crossing Name	not known
FSR #	8128
Branch #	1
Road Name	SPUZZUM
User km	25.4
Current Load Rating (tonnes)	54
Structure Class	Permanent Bridge
Portable	N
Superstructure	Compo Girders
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	18.2
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
49°44'15.6"	-121°41'23.23"

HD Diff. (m)	10.6	Accuracy (m)	12

L60 or 54 tonnes

Inspection

Date of Inspection	2019-06-27 9:53:29 AM	Recommended Next Inspection Year	2022
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Replace the guardrail, risers and blocks; repair the damage to the ballast wall consistent with the Concrete Repair Guide for Concrete Bridge Components written by the Ministry of Forests, Lands and Natural Resource Operations (2017); brush and grade approaches and replace the approach fender logs. Monitor teh deck joint condition. The current load rating of L60 or 54 tonnes to continue.

P.Eng Seal

CK-2241	SPUZZUM 25.4km	2019 Inspection

CBR iPad Offline Ver 0.28

Approach

Alignment	Good	
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	Y	
Delineator Missing Left	● 0 ○ 1 ○ 2	
Delineator Missing Right	● 0 ○ 1 ○ 2	
Fender Condition	Poor	Old rotten logs
Posted Load Rating		Not posted
Road Surface	Fair	Requires material at left approach

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Concrete		
Caps or Sills		
Piles or Posts	Good	
Ballast Wall	Fair	damage noted to top at left bank
Wing Wall		
Bracing	Good	
Hardware		
Fill	Good	
Riprap	Good	
Bearings	Good	
Corrosion Protection	Good	

Deck

Running Surface	Good	Requires material at left approach
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Good	
Grout Pockets	Good	
Deck Joints	Fair	Evidence that water is getting on 2 deck joints
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Poor	Rotten
Hand Rails/Walkouts		
Hardware	Poor	Loose rail bolts
Overall Deck Condition	Poor	Due to rail condition
Gravel Depth (mm)		

Steel/Concrete

Girders	Good	Compo girders
Diaphragms	Good	1 welded bay at center
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)	0.5	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	12.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	2.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Replace guardrail, risers and blocks
2	Medium	Repair damage to top of ballast wall
3	Medium	Brush and grade approaches, and replace fender logs

Item	Monitor Description	Frequency
1	Deck joints	Routine Inspection
2		
3		

Sketch
(Select Signature)

Approach from Left Bank when facing downstream

Damage noted to ballast wall at road surface

Fender logs

Rail condition

CK-2241 SPUZZUM 25.4km 2019 Inspection

Upstream from Crossing

Approach from Right Bank when facing downstream

Downstream from Crossing

Left Bank Abutment when facing downstream

Superstructure

Evidence that water is getting through some deck joints

Right Bank Abutment when facing downstream