

CK-2369

SPUZZUM 24000 2.3km

2019 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude		
49°44'9.6"	-121°39'35.3"		
Crossing Name	side creek		
FSR #	8128	Branch #	21
Road Name	SPUZZUM 24000		
User km	2.3		
Current Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Concrete Removable		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	27.5		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude		
49°44'9.55"	-121°39'35.58"		
HD Diff. (m)	5.8	Accuracy (m)	16
L75 or 68 tonnes			

Inspection

Date of Inspection 2019-06-27 10:17:13 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Repair all damaged deck panels and both ballast walls; replace all okum and deck sealant at all deck joints; replace guardrail, risers and blocks; grade and brush approaches; post bridge ahead signs; all these maintenance activities are required prior to industrial activity. The present load rating of L75 or 68 tonnes is conditional on the above works being completed.



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Approach

Alignment Fair

VC and HC left approach, HC right approach

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator 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

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Fair Damage at tops of both abutments

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Fair Buldging

Corrosion Protection Good

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts Good

Concrete Deck Fair Damage to various panels

Grout Pockets NA Deck bolted to top flange

Deck Joints Poor All compression seals missing

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 and deck joint condition

Gravel Depth (mm)

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**Steel/Concrete**

Girders Good

Diaphragms Good 6 bolted bays

Bracing Good

Under Trussing

Hardware Good

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

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Hazards

Estimated Present Water Level Depth (m)	0.4	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	10.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
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- | | | |
|---|--------|---|
| 1 | Medium | Replace guardrail, risers and blocks |
| 2 | Medium | Repair damage to deck panels and both ballast walls and add material to both approaches |
| 3 | Low | Brush and grade approaches and post bridge ahead signs |

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Damage to deck panel and ballast wall



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Downstream from Crossing

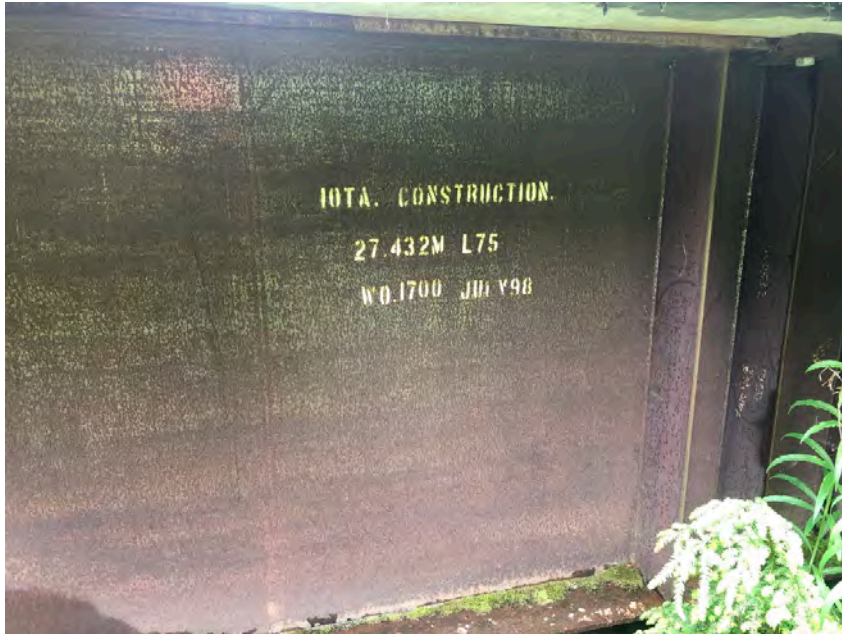


More damage to deck panels and ballast wall

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Structure ID



Left Bank Abutment when facing downstream



Deck clips



Minor damage to right bank abutment bracing

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Superstructure



Right Bank Abutment when facing downstream