

CK-2363

SPUZZUM CREEK 25.2km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

CBR Data

Latitude	Longitude		
49°44'18.89"	-121°41'18.9"		
Crossing Name	side creek		
FSR #	8128	Branch #	1
Road Name	SPUZZUM CREEK		
User km	25.2		
Current 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)	9.7		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude		
49°44'18.96"	-121°41'19.77"		
HD Diff. (m)	17.5	Accuracy (m)	5

Compo Girders

Inspection

Date of Inspection 2016-07-23 11:36:55 AM

Inspector Name Jamie Rupar Gilliatt

Inspection Company SNT Engineering

Inspector Comments

Superstructure type changed. Not a conventional slab girder, looks like a pair of small compo girders with monolithic deck and end diaphragms, and welded shear connectors.

P.Eng Comments

Replace guardrail, risers and blocks. Post bridge ahead signs and brush approaches. Realign concrete no post barriers where noted. Present load rating of L75 or 68 tonnes to continue.



28/02/2017

P.Eng Seal

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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 Fair Partially buried by debris, 1 bull noses misaligned and 1 over turned.

Posted Load Rating No posting.

Road Surface Fair Minor potholes in approaches.

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good Concrete cap.

Piles or Posts Unrated Posts barely visible below cap.

Ballast Wall Good Typical water staining on exterior sections of ballast wall.

Wing Wall N/A

Bracing Unrated Buried in fill.

Hardware Fair

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Unrated Posts barely visible below cap.

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Deck

Running Surface	Fair	Minor potholes in approaches.
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Good	Limited visibility on top due to debris.
Grout Pockets	N/A	Deck cast monolithically with girder.
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	Rot in majority of risers and blocking. Localized patches of surface rot in a couple section of guardrail.
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate No ID Tag

Girders Good

Small compo girder with monolithic deck and end diaphragms.

Diaphragms Good

Bracing Good

Monolithic end diaphragm.

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors Unrated

Buried in debris.

Log

Log Curbs N/A

Needle Beam N/A

Needle Lashing/
Shimming N/A

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)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Replace blocking, risers and guardrail. Requires 8 650x250x250 mm risers, 8 850x250x250 mm blocking, and 4 3700x250x250 mm and 2 2750x250x250 mm guardrail sections. Remove debris from deck.

2	Medium	Install bridge ahead signs and brush approaches.
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3		
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Item	Monitor Description	Frequency
1		

2		
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3		
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Sketch
(Select Signature)



Right Approach Facing Bridge



Left Approach Facing Away From Bridge



Right Approach Facing Away From Bridge



Left Approach Facing Bridge



Deck



Looking Downstream



Looking Upstream



Downstream Elevation



Left Bank Abutment



Right Bank Abutment



Upstream Elevation



Compo Girder with Monolithic Deck

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Girders