

CK-2248
CK-2248

SPUZZUM 16000 0.2km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°43'4"	-121°35'52.2"
Crossing Name	Spuzzum Creek
FSR #	8128
Branch #	7
Road Name	SPUZZUM 16000
User km	0.2
Previous Load Rating (tonnes)	63
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete I/T Beam
Deck Type	Concrete
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	29.4
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°43'4.05"	-121°35'51.68"
HD Diff. (m)	10.4
Accuracy (m)	5
CL-625 or 63 tonnes	

Inspection

Date of Inspection 2020-10-28 1:46 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2021

Inspection Company FLNRORD

Inspector Comments

Proper assessment of grout pockets not completed due to frozen sediment on deck, however no issues apparent from underneath

P.Eng Comments

Brush and grade approaches. The original design vehicle was L60; however Associated Engineering completed an evaluation of the girders and deck in accordance with Section 14 of the CHBDC CSA-S6-14 and found that they can withstand the CL-625 design vehicle. And while the substructure was not evaluated the force effects of the original design vehicle (L60) and the assessment vehicle (CL-625) are similar and therefore increasing the load rating of this structure poses a low risk to the Ministry. The load rating for this structure is now increased to CL-625 or 63 tonnes. Inspect the bridge again next year and monitor the condition of the entire structure due to the increased loading.



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

Old logs

Posted Load Rating

Not posted

Road Surface Fair

Potholes at left approach

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Fair

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good

Grout Pockets Unrated Not completely visible due to sediment on deck, no issues noted underneath

Deck Joints Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Concrete I beams

Diaphragms Good

1 bolted 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

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Hazards

Estimated Present Water Level Depth (m)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	13.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Area/sight line brushing. m ² . Priority:Low	Brush approaches
2 Approach. Approach surfacing grading. m. Priority:Low	Grade appaches
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Superstructure



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Right Bank Abutment when facing downstream