

CK-2241
CK-2241

SPUZZUM 25.4km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

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

Site Status Active

Insp. Status Inspect

Crossing Name not known

FSR # 8128 Branch # 1

Road Name SPUZZUM

User km 25.4

Previous Load Rating (tonnes) 63

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 49°44'15.55" Longitude -121°41'22.44"

HD Diff. (m) 10.6 Accuracy (m) 7

Inspection

Date of Inspection 2022-11-01 3:22:48 PM

Inspector Name Cameron VandenBrink, EIT

Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

Inspector Comments Serial/ID Plate

P.Eng Comments

Load Rated by: MoF, M.Lowe, RPF, PEng, February 16, 2023
Load Rating: 5 Tonnes GVW
Next Inspection: September 1, 2023
Comments: Load rating only due to guard rail condition. Once guard rails replaced, original load rating can be returned.



PERMIT TO
PRACTICE: 1003022

CK-2241
CK-2241

SPUZZUM 25.4km

2022 Inspection

CBR iPad Offline Ver 0.36



Approach

Alignment **Good**

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required **Y** Around structure

Delineator Missing
Left ☐ 0 ☐ 1 ☒ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition **Fair** Poor-old rotten logs

Posted Load Rating Not posted

Road Surface **Fair** Water drainage issues eroding prism on right approach

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts **Good**

Ballast Wall **Fair** Left has damaged top

Wing Wall

Bracing **Good** Only on left abutment

Hardware

Fill **Good**

Riprap **Fair** Right bank appears to have shifted

Bearings **Good**

Corrosion Protection **Good**

CK-2241
CK-2241

SPUZZUM 25.4km

2022 Inspection

CBR iPad Offline Ver 0.36



Deck

Running Surface Fair Water drainage issues eroding prism on right approach

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good

Grout Pockets Good

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair Poor-rotten. Locks crushing

Hand Rails/Walkouts

Hardware Fair Poor - loose bolts

Overall Deck Condition Poor Due to guard rail

Gravel Depth (mm)

Pier Deck

CK-2241
CK-2241

SPUZZUM 25.4km

2022 Inspection

CBR iPad Offline Ver 0.36



Steel/Concrete

Girders Fair

Compo with minor corrosion throughout

Diaphragms Good

1 Midspan welded

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

CK-2241
CK-2241

SPUZZUM 25.4km

2022 Inspection

CBR iPad Offline Ver 0.36



Hazards

Estimated Present Water Level Depth (m)	.4	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance	2	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach surfacing grading. m. Priority:Low	Right approach also brush approaches
2 Structure. Full Curb Replacement. . Priority:High	
3 Structure. Concrete structural maintenance. m². Priority:Medium	Fix top of left ballast wall

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor right bank riprap	Routine Inspection
2	Deck joints	Routine Inspection

3



Approach from Left Bank when facing downstream



Approach from bridge deck of Left bank approach when facing downstream



Upstream from Crossing



Downstream from Crossing



Approach from bridge deck of Right bank approach when facing downstream



Approach from Right Bank when facing downstream



Guard Rail



Guard Rail



Ballast wall still sitting low of panel. Fix fro, previous inspection not complete



Left Bank Abutment when facing downstream



Evidence of leaking joint



Bearing



Superstructure



Right Bank Abutment when facing downstream



Upstream Profile