

SQ-3107
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HIXON 0.8km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°30'36.69"
Longitude -122°53'21.5"

Site Status Active

Insp. Status Inspect

Crossing Name Hixon Creek

FSR # 4823 Branch # 5

Road Name HIXON

User km 0.8

Previous Load
Rating (tonnes) 62

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Composite

Abutment Left Steel Pipe and Precast Pad

Abutment Right Concrete Cast in Place

Spans 1

Total Length (m) 18.2

Deck Width (m) 4.3

Updated Data

Latitude °0'0"
Longitude °0'0"

HD Diff. (m) 5511449.6 Accuracy (m)

Inspection

Date of Inspection 2022-09-27 2:28:17 PM

Inspector Name Mitch Lowe

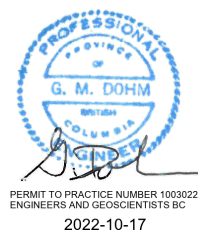
Inspector Comments Serial/ID Plate

Recommended Next Inspection 2025

Inspection Company MoF

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 14, 2022
Load Rating: BCL625 or 63 tonnes
Next Inspection: 2025
Comments:



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

Steep grade onto bridge

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Given risk, suggest upgrading to no post barrier

Posted Load Rating

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill

Riprap

Bearings Good

Corrosion Protection Good

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck	Unrated	Cannot fully assess
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Grout Pockets	Unrated	Cannot fully assess
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Deck Joints	Unrated	Cannot fully assess
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Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts	Poor	Rotten
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Hand Rails/Walkouts

Hardware

Overall Deck Condition	Fair
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Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Good

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)

High Water ☐

Debris ☐

Estimated Present Water Level Width (m)

Aggradation ☐

Scour ☐

Estimated High Water Level Clearance

Ic ☐

Comments

Repairs and Monitoring

Repair Item

Repair Description

1 Structure. Full Curb
Replacement. . Priority:High

2 Structure. Clean Deck. # of
delineators. Priority:High Is this a gravel over bridge? If so, retaining board should be replaced and deck should be graded.

3 Approach. Approach fenders
(re-Install). # of units.
Priority:High Suggest upgrading approach approach barriers

4

5

6

7

Item

Monitor Description

Frequency

1

2

3



Deck



Approach from Right Bank when facing downstream



Bearing



Left Bank Abutment when facing downstream



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Right Bank Abutment when facing downstream