SC-8349
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# BRITAIN RIVER 3.54km

2022 Inspection

CBR iPad Offline Ver 0.36

BRITISH COLUMBIA

## CBR Data

| Latitude | Longitude |
|---|---|
| 50°0'40.89" | -124°1'41.9" |

| | |
|---|---|
| Site Status | Active |
| Insp. Status | Inspect |
| Crossing Name | Not Known |
| FSR # | 6104 |
| Branch # | 1 |
| Road Name | BRITAIN RIVER |
| User km | 3.54 |
| Previous Load Rating (tonnes) | 150 |
| Structure Class | Permanent Bridge |
| Portable | N |
| Superstructure | Concrete Slab Girders |
| Deck Type | Concrete |
| Abutment Left | Concrete Lock Blocks |
| Abutment Right | Concrete Lock Blocks |
| Spans | 1 |
| Total Length (m) | 6 |
| Deck Width (m) | 4.88 |

## Updated Data

| Latitude | Longitude |
|---|---|
| °0'0" | °0'0" |

| | | | |
|---|---|---|---|
| HD Diff. (m) | 5567239.2 | Accuracy (m) | |

## Inspection

Date of Inspection: 2022-09-27 12:50:11 PM

Inspector Name: Richard Mills

Inspector Comments: Serial/ID Plate

Recommended Next Inspection

Inspection Company: MoF

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Jan 24, 2023
Load Rating: L165 or 150 tonnes
Next Inspection: 2025

PERMIT TO PRACTICE: 1003022

## 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: Good

Posted Load Rating:

Road Surface: Good

## Abutment

Log/Timber Cribs:

Tie Backs:

Bin Wall:

Pier:

Concrete: Good

Caps or Sills: Good

Piles or Posts:

Ballast Wall:

Wing Wall:

Bracing:

Hardware: Good

Fill: Good

Riprap: Good

Bearings: Good

Corrosion Protection:

## Deck

| | |
|---|---|
| Running Surface | Good |
| Running Planks | |
| Sub Deck | |
| Ties | |
| Nails | |
| Deck to Girder Bolts | |
| Concrete Deck | Good |
| Grout Pockets | |
| 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 | |

## Steel/Concrete

| | |
|---|---|
| Girders | Good |
| Diaphragms | |
| Bracing | |
| Under Trussing | |
| Hardware | |
| Welded/grouted shear connectors | Good |

## 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 |
|---|---|---|---|---|---|---|

## Hazards

| | | | |
|---|---|---|---|
| Estimated Present Water Level Depth (m) | 0 | High Water ☐ | Debris ☐ |
| Estimated Present Water Level Width (m) | 0 | Aggradation ☐ | Scour ☐ |
| Estimated High Water Level Clearance | 1.2 | Ic ☐ | |

Comments

## Repairs and Monitoring

| Repair Item | Repair Description |
|---|---|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |

| Item | Monitor Description | Frequency |
|---|---|---|
| 1 | | |
| 2 | | |
| 3 | | |

Left Bank Abutment when facing downstream

Deck

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream