

CK-2114

HARRISON EAST 56.5km

2017 Inspection

CBR iPad Offline Ver 0.26



## CBR Data

|                              |                            |          |   |
|------------------------------|----------------------------|----------|---|
| Latitude                     | Longitude                  |          |   |
| 49°45'33.69"                 | -121°52'8.7"               |          |   |
| Crossing Name                | Gold Creek                 |          |   |
| FSR #                        | 5748                       | Branch # | 1 |
| Road Name                    | HARRISON EAST              |          |   |
| User km                      | 56.5                       |          |   |
| Current Load Rating (tonnes) | 136                        |          |   |
| 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)             | 28                         |          |   |
| Deck Width (m)               | 4.9                        |          |   |

## Updated Data

|              |               |              |   |
|--------------|---------------|--------------|---|
| Latitude     | Longitude     |              |   |
| 49°45'34.01" | -121°52'8.48" |              |   |
| HD Diff. (m) | 10.5          | Accuracy (m) | 5 |
| 54.8         |               |              |   |

## Inspection

Date of Inspection 2017-08-01 10:52:21 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Brush and grade approaches; and replace the missing delineator. Monitor debris accumulations upstream of the crossing and the hairline cracks in the girders. Present load rating of L150 or 136 tonnes to continue.



11/09/2017

P.Eng Seal

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## Approach

Alignment Fair

HC both approaches

 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

Logs

Posted Load Rating 136090

Road Surface Fair

## Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Minimal height on left bank

Ballast Wall Good

Wing Wall

Bracing Good

Only at right bank

Hardware

Fill Good

Riprap Good

BR

Bearings Good

Corrosion Protection Good

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## Deck

Running Surface      **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck      **Good**

Grout Pockets      **Good**

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)

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**Steel/Concrete**

Serial/ID Plate

Girders Good

Diaphragms Good 2 welded bays

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)  | 2.0 | High Water  | <input type="checkbox"/> | Debris | <input type="checkbox"/> |
| Estimated Present Water Level Width (m)  | 8.0 | Aggradation | <input type="checkbox"/> | Scour  | <input type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 4.0 | Ice         | <input type="checkbox"/> |        |                          |

Comments

## Repairs and Monitoring

| Repair Item | Priority | Repair Description |
|-------------|----------|--------------------|
|-------------|----------|--------------------|

|   |        |                                          |
|---|--------|------------------------------------------|
| 1 | Medium | Brush and grade approaches with activity |
|---|--------|------------------------------------------|

|   |        |                            |
|---|--------|----------------------------|
| 2 | Medium | Replace missing delineator |
|---|--------|----------------------------|

|   |  |  |
|---|--|--|
| 3 |  |  |
|---|--|--|

| Item | Monitor Description           | Frequency          |
|------|-------------------------------|--------------------|
| 1    | Debris accumulations upstream | Routine Inspection |

|   |                            |                    |
|---|----------------------------|--------------------|
| 2 | hairline cracks in girders | Routine Inspection |
|---|----------------------------|--------------------|

|   |  |  |
|---|--|--|
| 3 |  |  |
|---|--|--|

Sketch  
(Select Signature)



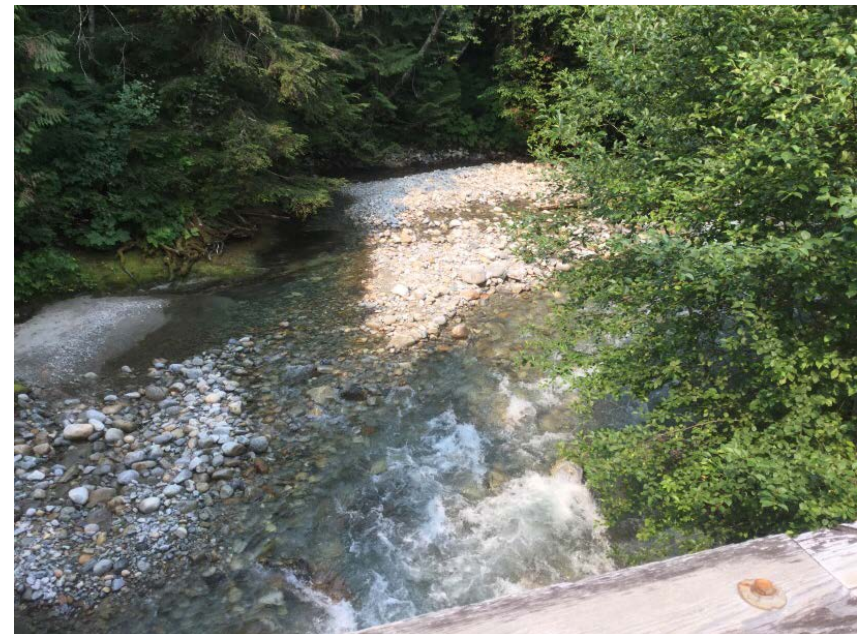
Approach from Left Bank when facing downstream



Deck



Approach from Left Bank when facing downstream



Looking upstream from deck



Looking downstream from deck



Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Debris accumulation at upstream



Right Bank Abutment when facing downstream



Cracking on upstream girder - minimal gap in all cracks



Small spall in 2 Panels - underneath

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Superstructure