

CK-2468

HARRISON EAST 18.3km

2015 Inspection

CBR iPad Offline Ver 0.20



## CBR Data

|                              |                       |
|------------------------------|-----------------------|
| Latitude                     | Longitude             |
| 49°29'39.8"                  | -121°45'51.2"         |
| Crossing Name                | Unknown               |
| FSR #                        | 5748                  |
| Branch #                     | 1                     |
| Road Name                    | HARRISON EAST         |
| User km                      | 18.3                  |
| Current Load Rating (tonnes) | 68                    |
| Structure Class              | Permanent Bridge      |
| Portable                     | N                     |
| Superstructure               | Concrete Slab Girders |
| Deck Type                    | Concrete              |
| Abutment Left                | Concrete Precast      |
| Abutment Right               | Concrete Precast      |
| Spans                        | 1                     |
| Total Length (m)             | 10.4                  |
| Deck Width (m)               | 5.5                   |

## Updated Data

|              |               |
|--------------|---------------|
| Latitude     | Longitude     |
| 49°29'40.26" | -121°45'51.2" |
| HD Diff. (m) | 15.7          |
| Accuracy (m) | 5             |
|              | 18.4          |

## Inspection

Date of Inspection 2015-06-19 9:24:59 AM

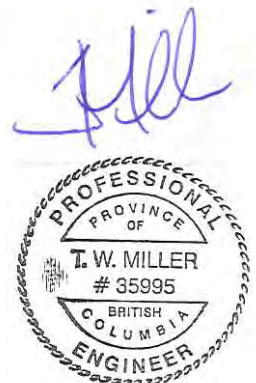
Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace sealant between slabs. Present load rating of L75 or 68 tonnes to continue.



P.Eng Seal

Dec 4/2015

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## Approach

Alignment Fair

HC both approaches

 Bridge Ahead Signs  
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

 Delineator Missing  
Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing  
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating 68040

Road Surface Good

## Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Good

Caps or Sills Good integrated cap/wall combo

Piles or Posts Unrated buried with riprap

Ballast Wall Good

Wing Wall Good lock blocks with geogrid

Bracing Unrated buried

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Unrated buried risers and bracing

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**Deck**

|                        |      |                                                    |
|------------------------|------|----------------------------------------------------|
| Running Surface        | Fair |                                                    |
| Running Planks         | N/A  |                                                    |
| Sub Deck               | N/A  |                                                    |
| Ties                   | N/A  |                                                    |
| Nails                  | N/A  |                                                    |
| Deck to Girder Bolts   | N/A  |                                                    |
| Concrete Deck          | Fair | sealant missing between slabs and gravel wedged in |
| Grout Pockets          | N/A  |                                                    |
| Deck Joints            | N/A  |                                                    |
| Steel Deck Plate       | N/A  |                                                    |
| Gravel Surface         | N/A  |                                                    |
| Curb Rail/Blocks/Posts | Good | steel risers with W-beam                           |
| Hand Rails/Walkouts    | N/A  |                                                    |
| Hardware               | N/A  |                                                    |
| Overall Deck Condition | Fair |                                                    |
| Gravel Depth (mm)      |      |                                                    |

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**Steel/Concrete**

Serial/ID Plate

Girders Good

5 individual slabs, not connected to each other or to cap

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted  
shear connectors N/A**Log**

Log Curbs

Needle Beam

Needle Lashing/  
Shimming

| Needle Beam to Crib (m) |         |        | Needle Diameter (mm) |                   |           |         |
|-------------------------|---------|--------|----------------------|-------------------|-----------|---------|
| Stringer<br>Number      | Species | Peeled | Diameter<br>(mm)     | Rot Depth<br>(mm) | Condition | Comment |

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## Hazards

|                                          |     |             |                          |        |                          |
|------------------------------------------|-----|-------------|--------------------------|--------|--------------------------|
| Estimated Present Water Level Depth (m)  | 0.2 | High Water  | <input type="checkbox"/> | Debris | <input type="checkbox"/> |
| Estimated Present Water Level Width (m)  | 3.5 | Aggradation | <input type="checkbox"/> | Scour  | <input type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 2.5 | Ice         | <input type="checkbox"/> |        |                          |

Comments

## Repairs and Monitoring

| Repair Item | Priority | Repair Description             |
|-------------|----------|--------------------------------|
| 1           | Medium   | replace sealant between panels |

2

3

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

Sketch  
(Select Signature)

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Approach from Right Bank when facing downstream



upstream



Deck



Approach from Left Bank when facing downstream

**CK-2468**

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Deck



Right Bank Abutment when facing downstream



sealant missing and gravel getting between the slabs



Left Bank Abutment when facing downstream

CK-2468

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slabs



right bank downstream wall



Outlet



left bank downstream wall