| CK-2090 | DEWDNEY 0.2km | 2018 Inspection |
|---|---|---|

CBR iPad Offline Ver 0.28

## CBR Data

| Latitude | Longitude |
|---|---|
| 49°28'56.7" | -121°15'1.5" |

| | | | |
|---|---|---|---|
| Crossing Name | Coquihalla River | | |
| FSR # | 7995 | Branch # | 1 |
| Road Name | DEWDNEY | | |
| User km | 0.2 | | |
| Current Load Rating (tonnes) | | | |
| Structure Class | Temporary Bridge | | |
| Portable | N | | |
| Superstructure | Steel Truss/Bailey/Acrow | | |
| Deck Type | Timber - Untreated | | |
| Abutment Left | Concrete Precast | | |
| Abutment Right | Concrete Precast | | |
| Spans | 1 | | |
| Total Length (m) | 40.9 | | |
| Deck Width (m) | 4.3 | | |

## Updated Data

| Latitude | Longitude |
|---|---|
| 49°28'56.28" | -121°15'.86" |

| | | | |
|---|---|---|---|
| HD Diff. (m) | 18.2 | Accuracy (m) | 5 |

L30 or 27 tonnes

## Inspection

| | | | |
|---|---|---|---|
| Date of Inspection | 2018-04-26 9:25:13 AM | Recommended Next Inspection Year | 2020 |
| Inspector Name | Tyson Miller | Inspection Company | MFLNRO |

Inspector Comments

P.Eng Comments

This bridge is no longer required with the installation of structure CK-2546. Remove the entire structure and block the approaches. Limit loading to L30 or 27 tonnes. Post load rating sign.

P.Eng Seal

## 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 | | Not posted |
| Road Surface | Fair | |

## Abutment

| | |
|---|---|
| Log/Timber Cribs | |
| Tie Backs | |
| Bin Wall | |
| Concrete | Fair |
| Caps or Sills | |
| Piles or Posts | |
| Ballast Wall | Good |
| Wing Wall | |
| Bracing | |
| Hardware | |
| Fill | Fair |
| Riprap | Good |
| Bearings | Fair |
| Corrosion Protection | |

## Deck

| | | |
|---|---|---|
| Running Surface | | |
| Running Planks | Fair | |
| Sub Deck | | |
| Ties | Good | 100mm x 300mm treated |
| Nails | Good | |
| Deck to Girder Bolts | Good | |
| Concrete Deck | | |
| Grout Pockets | | |
| Deck Joints | | |
| Steel Deck Plate | | |
| Gravel Surface | | |
| Curb Rail/Blocks/Posts | Good | |
| Hand Rails/Walkouts | | |
| Hardware | Good | |
| Overall Deck Condition | Fair | |
| Gravel Depth (mm) | | |

## Steel/Concrete

| | | |
|---|---|---|
| Girders | Fair | Triple single reinforced Acrow panel - 13 panels |
| Diaphragms | | |
| Bracing | Fair | |
| Under Trussing | | |
| Hardware | Fair | |
| 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 |
|---|---|---|---|---|---|---|

## Hazards

| | | | |
|---|---|---|---|
| Estimated Present Water Level Depth (m) | 2.0 | High Water ☐ | Debris ☐ |
| Estimated Present Water Level Width (m) | 20 | Aggradation ☐ | Scour ☐ |
| Estimated High Water Level Clearance (m) | 1.5 | Ice ☐ | |

Comments: Bridge is no longer being used for industrial activity and should be considered for deactivation

## Repairs and Monitoring

| Repair Item | Priority | Repair Description |
|---|---|---|
| 1 | High | Post load rating sign |
| 2 | Medium | Replace missing delineators |
| 3 | | |

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

Sketch
(Select Signature)

Approach from Right Bank when facing downstream

Deck

Approach from Right Bank when facing downstream

Deck sag - estimated at 200mm

# CK-2090 DEWDNEY 0.2km 2018 Inspection

Looking upstream from deck

Approach from Left Bank when facing downstream

Looking downstream from deck

Approach from Left Bank when facing downstream

Midspan damage

Superstructure

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream