

CK-2041

CHEHALIS-FLEETWOOD 3.7km

2015 Inspection



CBR iPad Offline Ver 0.21

## CBR Data

|                              |                            |
|------------------------------|----------------------------|
| Latitude                     | Longitude                  |
| 49°23'14.7"                  | -122°1'36.7"               |
| Crossing Name                | Chehalis River             |
| FSR #                        | 8241                       |
| Branch #                     | 8                          |
| Road Name                    | CHEHALIS-FLEETWOOD         |
| User km                      | 3.7                        |
| Current Load Rating (tonnes) | 136                        |
| Structure Class              | Permanent Bridge           |
| Portable                     | N                          |
| Superstructure               | Steel I-beam               |
| Deck Type                    | Concrete Composite         |
| Abutment Left                | Steel Pipe and Precast Pad |
| Abutment Right               | Steel Pipe and Precast Pad |
| Spans                        | 1                          |
| Total Length (m)             | 33.4                       |
| Deck Width (m)               | 4.9                        |

## Updated Data

|              |               |
|--------------|---------------|
| Latitude     | Longitude     |
| 49°23'15.24" | -122°1'36.18" |
| HD Diff. (m) | 19.6          |
| Accuracy (m) | 5             |

## Inspection

Date of Inspection 2015-07-17 10:58:57 AM

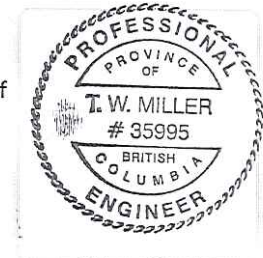
Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace missing delineators and brush approaches. Monitor bulging bearing pads. Present load rating of L150 or 136 tonnes to continue.



P.Eng Seal

Nov 23/2015

CK-2041

CHEHALIS-FLEETWOOD 3.7km

2015 Inspection



CBR iPad Offline Ver 0.21

## Approach

Alignment Fair

Bridge Ahead Signs  
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing  
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing  
Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Fair

Posted Load Rating not posted

Road Surface Fair

## Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair

Piles or Posts Good

Ballast Wall Fair

Wing Wall N/A

Bracing Good

Hardware Fair

Fill Fair

Riprap Good

Bearings Fair

Corrosion Protection Good

CK-2041

CHEHALIS-FLEETWOOD 3.7km

2015 Inspection

CBR iPad Offline Ver 0.21

**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

Grout Pockets Good

Deck Joints Good

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Fair

Gravel Depth (mm)

CK-2041

CHEHALIS-FLEETWOOD 3.7km

2015 Inspection



CBR iPad Offline Ver 0.21

**Steel/Concrete**

Serial/ID Plate

Girders Good

Diaphragms Good 6 bays, bolted

Bracing Good bolted

Under Trussing N/A

Hardware Good

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 |

CK-2041

CHEHALIS-FLEETWOOD 3.7km

2015 Inspection

CBR iPad Offline Ver 0.21



## Hazards

|                                          |      |             |                          |        |                          |
|------------------------------------------|------|-------------|--------------------------|--------|--------------------------|
| Estimated Present Water Level Depth (m)  | 5.0  | High Water  | <input type="checkbox"/> | Debris | <input type="checkbox"/> |
| Estimated Present Water Level Width (m)  | 10.0 | Aggradation | <input type="checkbox"/> | Scour  | <input type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 15.0 | Ice         | <input type="checkbox"/> |        |                          |

Comments

## Repairs and Monitoring

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

|   |        |                                |
|---|--------|--------------------------------|
| 1 | Medium | brush                          |
| 2 | Medium | replace right hand delineators |

3

| Item | Monitor Description | Frequency |
|------|---------------------|-----------|
|------|---------------------|-----------|

1

2

3

Sketch  
(Select Signature)

**CK-2041**

**CHEHALIS-FLEETWOOD 3.7km**

**2015 Inspection**



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



eroding fill left downstream approach

CK-2041

CHEHALIS-FLEETWOOD 3.7km

2015 Inspection



Right Bank Abutment when facing downstream



superstructure



girder splice



Left Bank Abutment when facing downstream

**CK-2041**

**CHEHALIS-FLEETWOOD 3.7km**

**2015 Inspection**



bulging pads - off centre plates