

QC-7701

HANGOVER 2.4km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

| | | | |
|------------------------------|-------------------------------|----------|---|
| Latitude | Longitude | | |
| 53°25'58.4" | -132°31'36.5" | | |
| Crossing Name | Side Creek | | |
| FSR # | 8229 | Branch # | 6 |
| Road Name | HANGOVER | | |
| User km | 2.4 | | |
| Current Load Rating (tonnes) | 150 | | |
| Structure Class | Temporary Bridge | | |
| Portable | Y | | |
| Superstructure | Steel Box Beam | | |
| Deck Type | Steel | | |
| Abutment Left | Crib, Log or Untreated Timber | | |
| Abutment Right | Crib, Log or Untreated Timber | | |
| Spans | 1 | | |
| Total Length (m) | 18.3 | | |
| Deck Width (m) | 4.9 | | |

Updated Data

| | | | |
|--------------|----------------|--------------|---|
| Latitude | Longitude | | |
| 53°25'58.21" | -132°31'37.84" | | |
| HD Diff. (m) | 25.5 | Accuracy (m) | 5 |

Inspection

Date of Inspection 2015-10-03 8:56:51 AM

Inspector Name Rick MacDonald

Inspection Company Chartwell Consultants Ltd.

Inspector Comments

P.Eng Comments

Load Rated By: MFLNRO, Richard Mills P.Eng., Dec 1, 2015
 Load Rating: L165 or 150 tonnes
 Next Inspection: Sept 1, 2017



P.Eng Seal

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Approach

Alignment Fair Short radius turn off right bank approach.

Bridge Ahead Signs Missing 0 1 2

Brushing Required N

Delineator Missing Left 0 1 2

Delineator Missing Right 0 1 2

Fender Condition Fair Advanced rot in guide logs. Berm on right bank downstream side.

Posted Load Rating 150000

Road Surface Good

Abutment

Log/Timber Cribs Good 2 high cedar log cribs.

Tie Backs Good

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Good

Riprap Poor No riprap supporting stream banks. Crib logs from previous structure supporting toe of slope below abutments.

Bearings Good Logs flat dressed for bearing.

Corrosion Protection

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Deck

| | | |
|------------------------|------|---|
| Running Surface | Good | |
| Running Planks | | |
| Sub Deck | | |
| Ties | | |
| Nails | | |
| Deck to Girder Bolts | | |
| Concrete Deck | | |
| Grout Pockets | | |
| Deck Joints | | |
| Steel Deck Plate | Good | |
| Gravel Surface | | |
| Curb Rail/Blocks/Posts | Good | HSS Guardrails with plywood splash guards |
| Hand Rails/Walkouts | | |
| Hardware | | |
| Overall Deck Condition | Good | |
| Gravel Depth (mm) | | |

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Steel/Concrete

Serial/ID Plate Modular Bridge, No other info on bridge

Girders Good 2 piece all- steel portable bridge

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors

Log

Log Curbs

Needle Beam

Needle Lashing/
Shimming

| Stringer Number | Needle Beam to Crib (m) | | Diameter (mm) | Needle Diameter (mm) | | |
|-----------------|-------------------------|--------|---------------|----------------------|-----------|---------|
| | Species | Peeled | | Rot Depth (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) | 2.5 | Aggradation | <input type="checkbox"/> | Scour | <input type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 5.0 | Ice | <input type="checkbox"/> | | |

Comments

Repairs and Monitoring

| Repair Item | Priority | Repair Description |
|-------------|----------|----------------------------|
| 1 | Low | Replace missing delineator |

2

3

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

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Upstream from Crossing

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Downstream Profile



Approach from Right Bank when facing downstream