

CK-2157

HUNTER 2.2km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude		
49°20'35.3"	-121°34'4.9"		
Crossing Name	Hunter Creek		
FSR #	6086	Branch #	1
Road Name	HUNTER		
User km	2.2		
Previous Load Rating (tonnes)	63		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Timber - Untreated		
Abutment Left	Crib, Log or Untreated Timber		
Abutment Right	Crib, Log or Untreated Timber		
Spans	1		
Total Length (m)	32.6		
Deck Width (m)	4.3		

Updated Data

Latitude	Longitude		
49°20'35.25"	-121°34'5.21"		
HD Diff. (m)	6.4	Accuracy (m)	10
BCL-625 or 63 tonnes			

Inspection

Date of Inspection 2019-08-20 1:59:41 PM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company FLNRORD

P.Eng Comments

The structure was originally installed in 1986 (34 years old). The steel components are all in fair condition while the timber components range from fair to poor. The running planks are in poor condition while the subdeck, ties and guardrail all appear to be in fair condition at this point. There's no information in the file that indicates that the ties or subdeck have ever been replaced and hence might be 34 years old. Inspect the structure in 2020 and pay particular attention to the ties and subdeck condition. In the meantime if sustained industrial activity is required replace the running planks; and place fender logs or concrete no post barriers at both approaches. The log crib is 34 years old and nearing the end of its industrial life - monitor its condition. The current load rating of BCL-625 or 63 tonnes to continue, with the following restrictions: only 1 piece of equipment on the bridge at a time; 9,100 kgs maximum on a single axle; 17,000 kgs maximum on each tandem axle set; 27,250 kgs maximum per tridem axle set; full stop before driving onto bridge; maximum driving speed is 10km/hr; and centerline of the trucks is no more than 200mm off center of bridge.



2020-02-25

P.Eng Seal

CK-2157

HUNTER 2.2km

2019 Inspection



CBR iPad Offline Ver 0.31

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 Poor

None

Posted Load Rating 63500

Road Surface Good

Abutment

Log/Timber Cribs Fair Only 2 face logs visible both banks with up to 40mm sap rot

Tie Backs

Fair

End splitting - Tiebacks under girders appear in fair condition, tiebacks outside of girders in poor condition

Bin Wall

Pier

Concrete

Caps or Sills

Fair

2 - 300mm x 300mm creosote with I-beam both banks

Piles or Posts

Ballast Wall

Fair

Logs

Wing Wall

Bracing

Hardware

Fill

Fair

Riprap

Fair

Large round rock used at left bank, 1:1 slope

Bearings

Fair

Corrosion Protection

CK-2157

HUNTER 2.2km

2019 Inspection

CBR iPad Offline Ver 0.31



Deck

Running Surface

Running Planks

Poor

Rotting with holes on wheel path

Sub Deck

Fair

Treated - appears to be in fair condition from below

Ties

Fair

Treated

Nails

Poor

Protruding

Deck to Girder Bolts

Good

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts

Fair

Hand Rails/Walkouts

Hardware

Fair

Overall Deck Condition

Poor

Due to plank condition

Gravel Depth (mm)

Pier Deck

CK-2157

HUNTER 2.2km

2019 Inspection



CBR iPad Offline Ver 0.31

Steel/Concrete

Girders Fair

Minor sag in both girders

Diaphragms Fair

11 bolted galvanized bays

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

CK-2157

HUNTER 2.2km

2019 Inspection

CBR iPad Offline Ver 0.31



Hazards

Estimated Present Water Level Depth (m)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	18.0	Aggradation	☐	Scour	X
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace running planks if sustained industrial traffic required

2	Medium	Replace missing fender logs at both approaches
---	--------	--

3

Item	Monitor Description	Frequency
1	Log crib and timber deck condition	Routine inspection

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Load Rating Sign



Deck



Plank condition



Upstream from Crossing



Downstream from Crossing



Poor plank condition throughout



Approach from Right Bank when facing downstream



Riprap bolting upstream



Upstream Profile



Left Bank Abutment when facing downstream



Deck from underneath



Right bank bearing



Right bank fill retention tieback log condition



Right Bank Abutment when facing downstream