

QC-7007

QC_GLD1000 0.24km

2019 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude		
53°28'7.29"	-132°15'47.2"		
Crossing Name	Not Known		
FSR #	10160	Branch #	01
Road Name	QC_GLD1000		
User km	0.24		
Previous Load Rating (tonnes)	0		
Structure Class	Temporary Bridge		
Portable	Y		
Superstructure	Steel Box Beam		
Deck Type	Steel		
Abutment Left	Other		
Abutment Right	Other		
Spans	1		
Total Length (m)	5		
Deck Width (m)	3.2		

Updated Data

Latitude	Longitude		
53°28'6.31"	-132°15'46.53"		
HD Diff. (m)	32.9	Accuracy (m)	5
Temporary Bridge			
Others			
Gravel			
Binwall			
Binwall			
1			
5.0			
3.1			

Inspection

Date of Inspection 2019-09-08 12:35:55 PM

Recommended Next Inspection Year 2022

Inspector Name Lindsey McGill

Inspection Company Chartwell Consultants Ltd.

Inspector Comments Serial/ID Plate N/A

Bridge appears to be a narrow version of a typical gravel-over-steel bridge. Unsure of what constitutes the bridge bearings but components are still vertical and square with each other. Entire superstructure and substructure (that is visible) are a single piece with welded connections. Approach fills have exposed geogrid, suggesting there is some buried as part of substructure.

P.Eng Comments

Load Rated by: FLNRORD, J. Harvey P.Eng., February 11, 2020

Load Rating: 0 Tonnes GVW

Next Inspection: September 1, 2022

Comments: Block access to bridge or close



P.Eng Seal

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Approach

Alignment Good

 Bridge Ahead Signs Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y Entire road from mainline requires brushing.

 Delineator Missing Left ☐ 0 ☐ 1 ☒ 2

 Delineator Missing Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Poor Large rocks and rotten logs used to guide traffic onto deck.

Posted Load Rating

Road Surface Fair Coarse angular rock

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall Fair Appears to be a steel bin wall at both abutments. Connected to superstructure (all one

Pier N/A

Concrete N/A

Caps or Sills N/A

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Fair

Riprap Fair Stacked coarse rock upstream and downstream of bin walls.

Bearings N/A

Corrosion Protection Fair Steel is coated/painted but worn on edges of guardrails.

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**Deck**

Running Surface	Fair	Coarse angular rock
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	N/A	Appears to be concrete at base of gravel, underside of superstructure is all steel.
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	Fair	
Curb Rail/Blocks/Posts	Fair	Steel extends 50cm above surface of gravel.
Hand Rails/Walkouts	N/A	
Hardware	Unrated	No access to view connections.
Overall Deck Condition	Fair	
Gravel Depth (mm)	150	
Pier Deck		

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Steel/Concrete

Girders Fair

Steel appears to be in fair condition

Diaphragms Fair

Bracing N/A

Under Trussing N/A

Hardware Unrated

No access to view any connection details.

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

Log Curbs N/A

Needle Beam N/A

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer
Number

Species

Peeled

Diameter
(mm)Rot Depth
(mm)

Condition

Comment

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Hazards

Estimated Present Water Level Depth (m)	.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	.9	Ice	☐		

Comments Abutments/Bin Walls are resting in present water.

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	Brush out road and approaches
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2		
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3		
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Item	Monitor Description	Frequency
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1		
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2		
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3		
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Sketch
(Select Signature)

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Right Bank Abutment when facing downstream



Upstream Profile



Downstream from Crossing



Left Bank Abutment when facing downstream





Upstream from Crossing



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Deck

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Guard Rail



Deck



Downstream Profile



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