QC-7703	QC_LGS1000 0.9km	2018 Inspection

CBR iPad Offline Ver

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
53°28'49.5"	-132°5'4.2"

Crossing Name	Not Known
FSR #	10141
Branch #	01A
Road Name	QC_LGS1000
User km	0.9
Current Load Rating (tonnes)	91
Structure Class	Temporary Bridge
Portable	Y
Superstructure	Steel I-beam
Deck Type	Steel
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	9.9
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
53°28'50.28"	-132°5'3.81"

HD Diff. (m)	25.2	Accuracy (m)	5

Superstructure	Steel Box Beam
Total Length (m)	9.144
Deck Width (m)	4.88

Inspection

Date of Inspection	2018-09-17 10:30:29 AM	Recommended Next Inspection Year	2020
Inspector Name	Robert Kemmler	Inspection Company	Onsite Engineering

Serial/ID Plate TCH-0704

Inspector Comments

9.144m All Steel Portable box beam structure is in fair condition. Deck and box beams are starting to show weathering. No issues beyond signage and approach barriers.
Some discrepancy to the structures chainage, 920m from the first junction, 310m from the second junction. If the second junction is correct, all chanages on this spur need to be adjusted accordingly.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., February 5, 2018
Load Rating: 91 Tonnes GVW
Next Inspection: September 1, 2020
Comments: Reposition Left approach barrier, delineator still attached. Install missing delineators and bridge ahead signs.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. E. HARVEY
33433

February 6 2019

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Approach

Alignment	Fair	
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	Downstream camp approach barrier knocked off.
Posted Load Rating	0	None posted
Road Surface	Fair	

Abutment

Log/Timber Cribs	Good	Cw, 2 high Left abutment, 3 high right abutment
Tie Backs	Good	
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	N/A	
Piles or Posts	N/A	
Ballast Wall	Poor	None
Wing Wall	N/A	
Bracing	N/A	
Hardware	Fair	
Fill	Good	
Riprap	Poor	None
Bearings	Good	
Corrosion Protection	N/A	

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	N/A	
Grout Pockets	N/A	
Deck Joints	Good	
Steel Deck Plate	Fair	Anti skid worn off.
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Fair	
Gravel Depth (mm)	0	

Steel/Concrete

Girders	Fair
Diaphragms	N/A
Bracing	N/A
Under Trussing	N/A
Hardware	N/A
Welded/grouted shear connectors	N/A

Log

Log Curbs	
Needle Beam	
Needle Lashing/ Shimming	

Stringer Number	Needle Beam to Crib (m) Species	Peeled	Needle Diameter (mm) Diameter (mm)	Rot Depth (mm)	Condition	Comment

Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	Debris
Estimated Present Water Level Width (m)	0.5	Aggradation	Scour
Estimated High Water Level Clearance (m)	1.75	Ice	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Reposition Left approach barrier, delineator still attached.
2	Medium	Install missing delineators and bridge ahead signs.
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)