SC-8001	CLOWHOM 7.1km	2019 Inspection

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CBR Data

Latitude	Longitude
49°44'54.7"	-123°31'3.4"

Crossing Name	Bear Creek
FSR #	7340
Branch #	1
Road Name	CLOWHOM
User km	7.1
Previous Load Rating (tonnes)	127
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Concrete Precast
Spans	1
Total Length (m)	25.4
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5537980.8	Accuracy (m)	

Inspection

Date of Inspection	2019-10-15 10:39:51 AM	Recommended Next Inspection Year	
Inspector Name	Richard Mills	Inspection Company	FLNRORD

Inspector Comments Serial/ID Plate

Both girders bowed towards downstream at middle. Both upper and lower flange, both sides. Likely done during installation, prior to placing deck. Estimated 10cm at midspan. Bolts bent on right abutment, towards right side. No apparent change since last inspection. Rust scale behind right abutment bearing, at end of bridge. Some joints have rust scale on upper flange. Monitor.

P.Eng Comments

Load Rated by: MFLNRO Richard Mills P.Eng., Mar 10th, 2020
Load Rating: L140 or 127 Tonnes
Next Inspection: 2020
Comments: Monitor noted items

P.Eng Seal

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Approach

Alignment	Good	
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	Missing upstream right
Posted Load Rating	140	
Road Surface		

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Pier	N/A	
Concrete	Fair	
Caps or Sills	Good	
Piles or Posts	Fair	
Ballast Wall	Fair	
Wing Wall	N/A	
Bracing	Fair	Bent slightly on right side. No change since last inspection
Hardware	Fair	
Fill	N/A	
Riprap	Poor	Missing & oversteepened on left side.
Bearings	Fair	Bolts on right bent towards right side. No apparent change since last inspection for both sides.
Corrosion Protection	Fair	

Deck

Running Surface	Good	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Good	
Grout Pockets	Good	
Deck Joints	Fair	Grout not flush with deck surface
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts	N/A	
Hardware	Good	
Overall Deck Condition	Fair	
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Fair	Both girders bowed towards downstream side. Rust scale behind right abutment, upstream and downstream sides. Scale on some joints., top flange.
Diaphragms	Good	
Bracing	Good	
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 Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment

Hazards

Estimated Present Water Level Depth (m)	1.0	High Water	X	Debris	
Estimated Present Water Level Width (m)	2.2	Aggradation		Scour	X
Estimated High Water Level Clearance (m)	2.0	Ice			

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1	Monitor corrosion, abutment, bolts, girders.	Routine Inspection
2		
3		

Sketch
(Select Signature)

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Approach from Right Bank when facing downstream

Upstream from Crossing

Right Bank Abutment when facing downstream - upstream side

Approach from Left Bank when facing downstream

Right Bank Abutment when facing downstream

Upstream Profile

Right Bank Abutment when facing downstream - upstream side heavy rust scale at end of bridge

Typical rust scale at joint (upper flange)

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Downstream Profile

Right Bank Abutment when facing downstream