CK-2154	JONES-WEST 0.8km	2017 Inspection

CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°15'19.8"	-121°36'7.47"

Crossing Name	Wahleach Creek
FSR #	8149
Branch #	3
Road Name	JONES-WEST
User km	0.8
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	21.4
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°15'20.39"	-121°36'8.25"

HD Diff. (m)	24.0	Accuracy (m)	5

Inspection

Date of Inspection	2017-07-21 1:51:02 PM	Recommended Next Inspection Year	2020
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Repair damage to both ballast walls and to the underneath portion of panel 1 on right bank.
Replace guardrail, risers and blocks. Brush and grade approaches, and post bridge ahead signs.
Present load rating of L75 or 68 tonnes to contiue.

P.Eng Seal

Approach

Alignment	Fair	VC both approaches
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	Y	
Delineator Missing Left	● 0 ○ 1 ○ 2	
Delineator Missing Right	● 0 ○ 1 ○ 2	
Fender Condition	Good	
Posted Load Rating	68040	
Road Surface	Fair	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Concrete		
Caps or Sills		
Piles or Posts	Good	
Ballast Wall	Fair	Damage noted to both walls, at the surface
Wing Wall		
Bracing	Good	
Hardware		
Fill	Good	
Riprap	Good	
Bearings	Good	
Corrosion Protection	Good	

Deck

Running Surface	Fair	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Fair	Damage noted on right bank panel 1, underneath
Grout Pockets	Fair	
Deck Joints	Fair	
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Poor	Rotting blocks and risers
Hand Rails/Walkouts		
Hardware	Poor	Loose rail bolts
Overall Deck Condition	Poor	Due to rotting guardrail
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate

Girders	Good	
Diaphragms	Good	5 bolted bays
Bracing	Good	
Under Trussing		
Hardware	Good	
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

Hazards

Estimated Present Water Level Depth (m)	0.3	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	8.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	4.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Repair damage to ballast walls and deck Panels at both approaches and grade approaches
2	Medium	Replace guardrail, risers and blocks
3	Medium	Brush approaches

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Approach from Right Bank when facing downstream

Deck damage at right approach

Deck

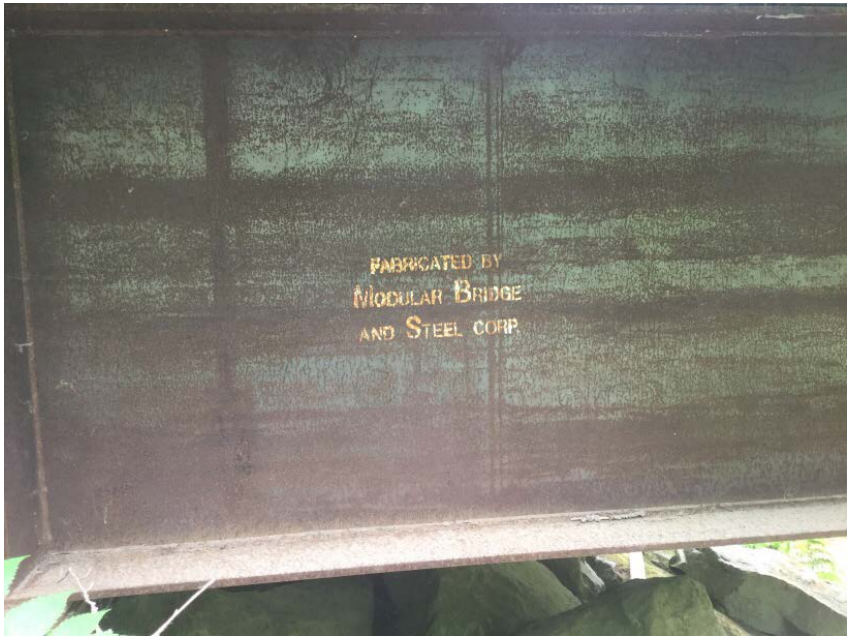
Ballast wall damage at right approach

Looking upstream from deck

Missing upstream left approach fender - rolled off road

Looking downstream from deck

Approach from Left Bank when facing downstream



Structure ID

Left bank, downstream bearing pad weathering

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Superstructure

Right bank, panel 1 from underneath