

CK-2307

UZTLIUS-E ANDERSON 12.8km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°43'27.3"	-121°16'46"
Road Name	UZTLIUS-E ANDERSON
User km	12.8
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)	30.1
Deck Width (m)	4.9

Updated Data

Latitude	Longitude		
49°43'26.7"	-121°16'46.37"		
HD Diff. (m)	20.1	Accuracy (m)	5
Uztlius-East Anderson	27.4		
L75 or 68 tonnes			
Permanent Bridge			
N			
Steel I-beam			
Concrete Composite			
Steel Pipe and Precast Pad			
Steel Pipe and Precast Pad			
1			
30.4			
4.9			

Inspection

Date of Inspection 2014-10-22 12:19:21 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Replace guardrail, risers and blocks. Brush approaches and replace missing bridge ahead signs.
Present load rating of L75 or 68 tonnes to continue.



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Approach

Alignment Fair

VC both approaches

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor

none

Posted Load Rating

not posted

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good steel plates and rubber pads

Piles or Posts Good

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware N/A

Fill Good

Riprap Good

Bearings Good

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Corrosion Protection Fair

Deck

Running Surface Fair sediment running onto bridge deck

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Fair minor track damage, spalling under panel 1 - rebar exposed and rusting but not heavy

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Poor rotten and damaged

Hand Rails/Walkouts N/A

Hardware Poor loose rail

Overall Deck Condition Poor due to rail

Gravel Depth (mm)

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Steel/Concrete

Girders Good

Diaphragms Good 4x, bolted

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)

Comment

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Hazards

Estimated Present Water Level Depth (m) 0.8

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 10.

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 1.5

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	replace guardrail with activity
2	Medium	brush approaches
3	Medium	replace missing bridge ahead signs

Monitor Item

Monitor Description

Monitoring Frequency

1

2

3

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



Left Bank Abutment when facing downstream

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superstructure



both girders have slight undulations in the bottom flange where the girders were welded



Right Bank Abutment when facing downstream



underneath deck panel 1