

CK-2307

UZTLIUS-E ANDERSON 12.8km

2018 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude
49°43'26.69"	-121°16'46.4"
Crossing Name	East Anderson Creek
FSR #	7972 Branch # 2
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)	30.4
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°43'26.87"	-121°16'46.79"
HD Diff. (m)	9.4 Accuracy (m) 5
27.5	
L75 or 68 tonnes	

Inspection

Date of Inspection 2018-08-28 10:31:14 AM

Recommended Next Inspection Year 2021

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace guardrail, risers and blocks. Replace delineators and post bridge ahead signs. Place log fenders or concrete no post barriers to both approaches and repair the damage to deck panel consistent with the Concrete Repair Guide for Concrete Bridge Components (FLNRO, 2017). Present load rating of L75 or 68 tonnes to continue.



P.Eng Seal

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Approach

Alignment Fair

VC left approach and HC and VC right approach

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

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

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Fair

Hairline cracks noted on both walls

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Fair

Bearings Good

Corrosion Protection Good

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Some damage from tracked equipment

Grout Pockets Good

Deck Joints Fair Hairline cracks noted at surface

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Rotten

Hand Rails/Walkouts

Hardware Poor Loose rail bolts

Overall Deck Condition Poor Due to rail

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good 4 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

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	9.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments Repair damage to underside of panel 1

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Replace guardrail, riser and blocks
2	Medium	Replace delineators and post bridge ahead signs
3	Medium	Add log fenders or concrete no post barriers to approaches
4	Medium	Repair damage to concrete deck panel consistent with the Concrete Repair Guide for Concrete Bridge Components (FLNRO, 2017).

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Guard Rail



Deck



Upstream from Crossing



Downstream from Crossing



Left Bank Abutment when facing downstream



Approach from Right Bank when facing downstream



Hairline cracks noted on right bank ballast wall



Damage noted to underside of panel 1 at left bank



Hairline cracks noted on left bank ballast wall



Right Bank Abutment when facing downstream



Superstructure