

CK-2351

UZTLIUS-STOYOMA EAST 3.5km

2016 Inspection

CBR iPad Offline Ver 0.23 SNT



CBR Data

Latitude	Longitude
49°53'21.4"	-121°20'59.9"
Crossing Name	Stoyoma Creek
FSR #	7972 Branch # 5
Road Name	UZTLIUS-STOYOMA EAST
User km	3.5
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Concrete
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	14.5
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5553649.0 Accuracy (m)
N	

Inspection

Date of Inspection 2016-09-14 10:19:48 AM

Inspector Name Rick Johnson

Inspection Company SNT Engineering

Inspector Comments

Coordinates confirmed by GPS.

Bridge needs new curbs for industrial use.

Access note: at 6km on East Anderson turn left and in 100m take the left fork to Stoyoma. Roads are not signed.

P.Eng Comments

Replace guardrail, risers and blocks; post bridge ahead signs and brush approaches. Present load rating of L75 or 68 tonnes to continue.



02/03/2017

P.Eng Seal

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Approach

Alignment Fair

Curve on right approach.

Bridge Ahead Signs
Missing
☐ 0
 ☐ 1
 ☒ 2

Brushing Required Y

Light brush

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

Fender Condition Fair

Logs and dirt piles.

Posted Load Rating 0

Not posted

Road Surface Fair

Slight grade on left brings sediments onto deck. Potholes on right end of deck.

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Good

Caps or Sills Good

Concrete cap/wall combo

Piles or Posts Unrated

Buried

Ballast Wall Good

Concrete

Wing Wall N/A

Bracing Unrated

On buried posts.

Hardware Poor

Curbs are loose. Bolts can be re-used.

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Unrated

On buried posts

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Deck

Running Surface	Fair	Slight grade on left brings sediments onto deck. Potholes on right end of deck.
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Fair	Rough spots and pitted from equipment tracks.
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	About one-third of risers and most of the lower blocks are rotten. Rails are fair.
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Poor	Due to poor curbs.
Gravel Depth (mm)		

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**Steel/Concrete**

Serial/ID Plate No identity found

Girders Good Concrete slab girders

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors Good**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)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	1.3	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace curbs. Rail 250x250x14.5m x 2. Blocks 250 x 250 x 90cm x 12 pieces. Risers 250x 250mm x 70cm x 12 pieces.
2	Medium	Post 2 bridge signs.
3	Low	Brush approaches

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Right approach facing structure



Left approach facing away from structure



Right approach facing away from structure



Left approach facing structure



Upstream from Crossing



Left Bank Abutment when facing downstream



Downstream from Crossing



Right Bank Abutment when facing downstream

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Upstream Profile



Downstream Profile



Underside of bridge