

SC-8314
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TEXADA ISLAND WEST 0.55km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



CBR Data

Latitude	Longitude
49°38'37.89"	-124°26'16.5"
Crossing Name	Mouat Creek
FSR #	5829
Branch #	01
Road Name	TEXADA ISLAND WEST
User km	0.55
Previous Load Rating (tonnes)	136
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)	16.5
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5526329.3
Accuracy (m)	

Inspection

Date of Inspection 2021-05-14 9:41:11 AM

Inspector Name Richard Mills

Recommended Next Inspection Year 2024

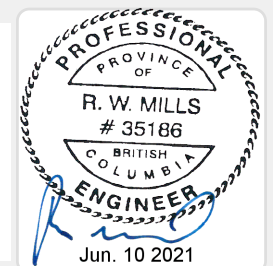
Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Replace guardrails. Water from deck causing premature girder corrosion.

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. June 3, 2021
Load Rating: L150 or 136 tonnes
Next Inspection: 2024
Comments: Replace guardrails, add delineators.



P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☐ 0 ☒ 1 ☐ 2

Delineator Missing
Right ☐ 0 ☒ 1 ☐ 2

Fender Condition Good

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete Good

Caps or Sills Good

Piles or Posts Good

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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Deck

Running Surface Fair

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 Good

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Poor Replace guardrails

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair Isolated rust scale due to water running off deck.

Diaphragms Good

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)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1 Structure. Clean Deck. # of
delineators. Priority:Low

2 Structure. Full Curb
Replacement. .
Priority:High

3

4

5

6

7

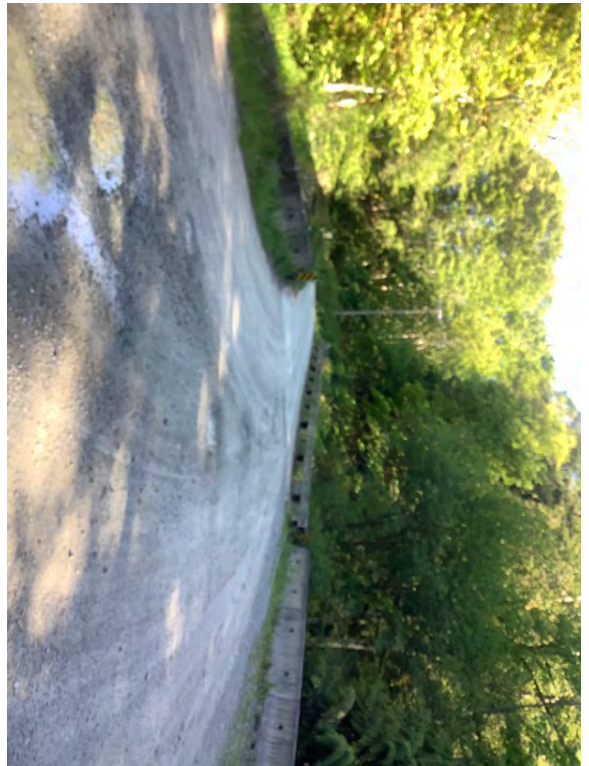
Item	Monitor Description	Frequency
1	Monitor rust scale on girders	Routine Inspection
2		
3		

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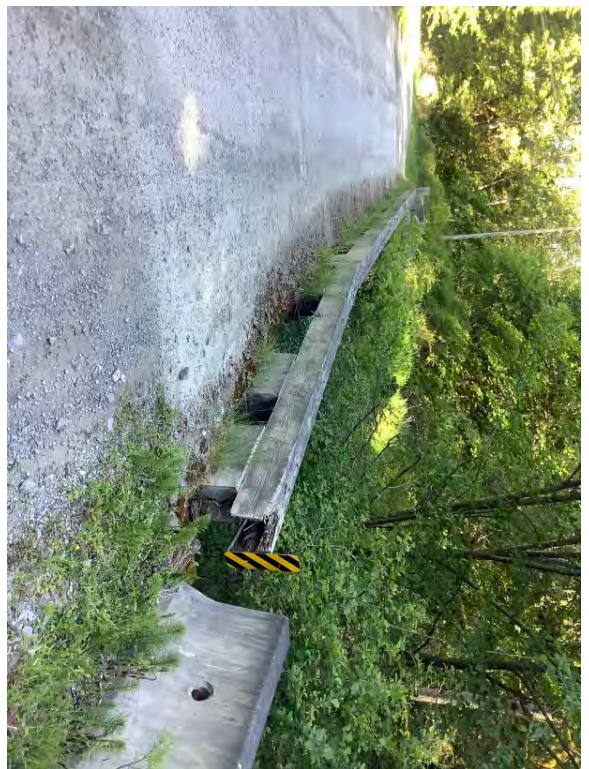
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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Guard Rail



Downstream Profile

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Upstream Profile



Superstructure - moderate rust scale



Left Bank Abutment when facing downstream



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