

CK-2191

TEREPOCKI 2.5km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°24'18.69"	-122°12'8.5"
Crossing Name	Side Creek
FSR #	8466
Branch #	11
Road Name	TEREPOCKI
User km	2.5
Previous Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Concrete
Abutment Left	Concrete Precast
Abutment Right	Concrete Precast
Spans	1
Total Length (m)	16.3
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°24'19.13"	-122°12'8.97"
HD Diff. (m)	16.4
Accuracy (m)	10
L45 or 41 tonnes	

Inspection

Date of Inspection 2019-04-26 1:12:56 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2020

Inspection Company FLNRORD

Inspector Comments

Replace riprap

P.Eng Comments

Repair the riprap at both abutments to ensure both are adequately protected. Replace guardrail, risers and blocks; replace the delineators; replace the paraseal joints between each concrete slab; brush and grade approaches; and post bridge ahead signs. Repair the damaged concrete slab consistent with the Ministry of Forests, Lands and Natural Resource Operations Concrete Repair Guide for Concrete Bridge Components (2017). Monitor the condition of the damaged concrete slab. Until the riprap is repaired at both abutment limit access across the structure. Limit loading to L45 or 41 tonnes until the abutments are protected with riprap.



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Approach

Alignment Fair

HC right approach

 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

Not posted

Road Surface Poor

Requires surfacing material at approaches

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Good

Piles or Posts Unrated Buried

Ballast Wall Good

Wing Wall

Bracing Unrated Buried

Hardware

Fill Fair

Riprap Poor Right bank completely gone

Bearings Good

Corrosion Protection Unrated Buried

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**Deck**

Running Surface	Good	Requires surfacing material at approaches
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Running Planks		
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Sub Deck		
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Ties		
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Nails		
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Deck to Girder Bolts		
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Concrete Deck		
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Grout Pockets		
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Deck Joints		
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Steel Deck Plate		
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Gravel Surface		
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Curb Rail/Blocks/Posts	Poor	Rotten
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Hand Rails/Walkouts		
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Hardware	Poor	Loose rail bolts
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Overall Deck Condition	Poor	Due to rail condition
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Gravel Depth (mm)		
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Pier Deck		
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Steel/Concrete

Girders Fair 7 concrete slabs

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors Good Welded**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)	0.5	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	5.0	Aggradation	☒	Scour	☒
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

debris accumulations upstream right bank

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Replace guardrail, risers and blocks and place delineators
2	High	Repair riprap to both abutments, repair damage to the upstream concrete slab and replace missing paraseal joints
3	Medium	Brush and grade approaches and post bridge ahead signs

Item	Monitor Description	Frequency
1	Abutment condition	Yearly

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Requires surfacing material



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream



Debris accumulations at inlet



Riprap completely scoured at right abutment



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Damage noted to upstream slab



Superstructure