

CK-2440

STAVE 29.9km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°35'45.7"	-122°24'19.6"
Crossing Name	Side Creek
FSR #	8013
Branch #	1
Road Name	STAVE
User km	29.9
Previous Load Rating (tonnes)	63
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Box Beam
Deck Type	Concrete
Abutment Left	Concrete Precast
Abutment Right	Concrete Precast
Spans	1
Total Length (m)	15.2
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°35'45.33"	-122°24'20.69"
HD Diff. (m)	24.8
Accuracy (m)	10
L75 or 68 tonnes	
Composite Girders - Inverted Channel beam	

Inspection

Date of Inspection 2019-11-05 12:16:55 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Replace guardrail, risers and blocks. Reconnect the concrete no post barriers at both downstream approaches. Post bridge ahead signs. The fabrication drawings were located, L75 or 68 tonnes load rating.



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Approach

Alignment Good

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

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

Fender Condition Good

Posted Load Rating Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Good Concrete cap/wall combo

Piles or Posts Unrated Buried

Ballast Wall Good

Wing Wall

Bracing Unrated Buried

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection

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**Deck**

Running Surface	Fair	Sediment built up against guardrail
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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	Fair	Minor track damage
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Grout Pockets		
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Deck Joints	Good	
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Steel Deck Plate		
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Gravel Surface		
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Curb Rail/Blocks/Posts	Poor	Rotting risers and blocks
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Hand Rails/Walkouts		
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Hardware	Fair	
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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 Good

2 Inverted Channel Beams with monolithic deck and end diaphragms

Diaphragms Good

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)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0.5	Ice	☐		

Comments

Repairs and Monitoring

Repair		Repair Description
Item	Priority	
1	Medium	Replace guardrail, risers and blocks
2	Low	Reconnect transitions at downstream approaches
3	Low	Post bridge ahead signs

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Disconnected transition at downstream left bank



Deck



Upstream from Crossing



Downstream from Crossing



Rider and sideblock condition



Approach from Right Bank when facing downstream



Disconnected transition at downstream right bank



Upstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Welded connectors