

CK-2559

Mount Thurston 0.4km

2020 Inspection

CBR iPad Offline Ver 0.32b



CBR Data

Latitude	Longitude
°0'0"	°0'0"
Crossing Name	Unknown
FSR #	Branch #
Road Name	Mount Thurston
User km	0.4
Previous Load Rating (tonnes)	None
Structure Class	Temporary Bridge
Portable	Y
Superstructure	Steel I-beam
Deck Type	Timber – Treated
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	9.4
Deck Width (m)	3.8

Updated Data

Latitude	Longitude
49°4'34.07"	-121°44'47.9"
HD Diff. (m)	Accuracy (m)

28 tonnes - 3 axle vehicle
25 tonnes tracked machine

Inspection

Date of Inspection 2020-04-07 2:46:52 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

The load rating is 28 tonnes based on a 3 axle vehicle or 25 tonnes for tracked equipment - see structural design for details. Post load rating signs and add log fenders to all 4 corners of the bridge - 6m length x 600mm diameter.



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Approach

Alignment Fair

HC both approaches

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 Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Good

Single log sills

Piles or Posts

Ballast Wall Good

Timbers right bank and logs left

Wing Wall

Bracing

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection

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**Deck**

Running Surface

Running Planks Good

Sub Deck Good Treated

Ties Good Treated

Nails Good

Deck to Girder Bolts Good

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders Fair

Recycled girders with light corrosion

Diaphragms Fair

Bracing Fair

Under Trussing

Hardware

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)	01	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	Post load rating signs
2	Medium	Place log fenders or concrete no post barriers
3		

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Upstream Profile



Structure ID



Left Bank Abutment when facing downstream



Superstructure



Right Bank Abutment when facing downstream