

CK-2472

MAISAL 6km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude 49°25'11.6" Longitude -121°57'57.3"

Crossing Name Upper Maisal

FSR # 8241 Branch # 16

Road Name MAISAL

User km 6

Current Load Rating (tonnes) 136

Structure Class Temporary Bridge

Portable N

Superstructure Steel I-beam

Deck Type Timber - Untreated

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 20.7

Deck Width (m) 4.9

Updated Data

Latitude 49°25'12.08" Longitude -121°57'57.43"

HD Diff. (m) 14.9 Accuracy (m) 5

L150 or 136 tonnes

Inspection

Date of Inspection 2018-06-18 9:39:01 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

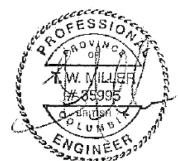
Inspection Company MFLNRO

Inspector Comments

Very little riprap but no indication of heavy flow and scour
Timber deck just starting to show rot indicators (conk) but very localized

P.Eng Comments

Brush and grade approaches and realign the downstream left fender log closer to the bridge. Present load rating of L150 or 136 tonnes to continue.



01/02/2019

P.Eng Seal

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Approach

Alignment Fair

VC left approach, HC right approach

Bridge Ahead Signs
Missing☒ 0 ☐ 1 ☐ 2

Brushing Required Y

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

Fender Condition Fair

Logs

Posted Load Rating

Not posted

Road Surface Fair

Road semi deactivated

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Fair

Logs

Wing Wall

Bracing Good

Hardware

Fill Fair

Loosing fill at left approach

Riprap Fair

Bearings Good

Corrosion Protection Good

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**Deck**

Running Surface

Road semi deactivated

Running Planks Fair

Sub Deck Fair

Ties Fair

Nails Fair

Deck to Girder Bolts Fair

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

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**Steel/Concrete**

Girders Good

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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	10.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Very little riprap protecting the abutments and the riprap is rounded

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Brush and grade approaches when active

2	Medium	Realign downstream left fender closer to bridge
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3		
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Item	Monitor Description	Frequency
1		

2		
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3		
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Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Upstream from Crossing



Fender log can be realigned closer to bridge



Downstream from Crossing



Deck



Upstream Profile



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Superstructure



Conk starting to appear in random tie



Right Bank Abutment when facing downstream