

2494

NORRISH WEST 0.1km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude
49°18'3.49"	-122°5'34.5"
Crossing Name	Dickson Creek
FSR #	10326
Branch #	2
Road Name	NORRISH WEST
User km	0.1
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Removable
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	23.3
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°17'43.8"	-122°5'41.63"
HD Diff. (m)	625.7
Accuracy (m)	5

Inspection

Date of Inspection 2015-07-29 11:10:25 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Many of the deck panels have sustained damage; I recommend repairing all of the damage ones before further damage is done. Replace all deck seals. Replace missing delineator. The present load rating of L75 or 68 tonnes can continue.



05/01/2016

P.Eng Seal

2494

NORRISH WEST 0.1km

2015 Inspection



CBR iPad Offline Ver 0.21

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 Good

Posted Load Rating 68040

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good

Piles or Posts Good

Ballast Wall Fair

Wing Wall N/A

Bracing Good

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

2494

NORRISH WEST 0.1km

2015 Inspection



CBR iPad Offline Ver 0.21

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 Fair damage to many of the deck panels

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Fair

Gravel Depth (mm)

2494

NORRISH WEST 0.1km

2015 Inspection



CBR iPad Offline Ver 0.21

Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good

Bracing Good

Under Trussing N/A

Hardware Good

Welded/grouted
shear connectors N/A**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

2494

NORRISH WEST 0.1km

2015 Inspection



CBR iPad Offline Ver 0.21

Hazards

Estimated Present Water Level Depth (m)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	12.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments recommend removing all panels and repairing - much damage sustained

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	deck panels damage

2

3

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

2494

NORRISH WEST 0.1km

2015 Inspection



Approach from Left Bank when facing downstream



panel damage on left approach



Deck



panel damage mid span

2494

NORRISH WEST 0.1km

2015 Inspection



panel damage right approach



Left Bank Abutment when facing downstream



Approach from Right Bank when facing downstream



deck seals all falling out

2494

NORRISH WEST 0.1km

2015 Inspection



deck panel damage from underneath



Right Bank Abutment when facing downstream



deck panel damage from underneath



superstructure