

CK-2447

NORRISH CREEK 18km

2015 Inspection

CBR iPad Offline Ver 0.21



CBR Data

Latitude	Longitude
49°17'48.9"	-122°5'17.1"
Crossing Name	Tom Creek
FSR #	10326
Branch #	1
Road Name	NORRISH CREEK
User km	18
Current Load Rating (tonnes)	150
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Box Beam
Deck Type	Concrete
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	12.6
Deck Width (m)	5.09

Updated Data

Latitude	Longitude
49°17'48.51"	-122°5'17.94"
HD Diff. (m)	21.0
Accuracy (m)	5

Concrete Slab Girders

Inspection

Date of Inspection 2015-07-29 10:57:36 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Brush approaches and monitdamage to slab. Present load rating of L165 or 150 tonnes to continue.



05/01/2016

P.Eng Seal

CK-2447

NORRISH CREEK 18km

2015 Inspection



CBR iPad Offline Ver 0.21

Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y minor

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

Fender Condition Good

Posted Load Rating 149700

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Good lock blocks - 3 tiers high

Caps or Sills Good concrete cap

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing Good geogrid each row of blocks

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection N/A

CK-2447

NORRISH CREEK 18km

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 N/A

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)

CK-2447

NORRISH CREEK 18km

2015 Inspection



CBR iPad Offline Ver 0.21

Steel/Concrete

Serial/ID Plate

Girders Good 6 slabs

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

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

CK-2447

NORRISH CREEK 18km

2015 Inspection

CBR iPad Offline Ver 0.21



Hazards

Estimated Present Water Level Depth (m)	0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
-------------	----------	--------------------

1

2

3

Item	Monitor Description	Frequency
------	---------------------	-----------

1

2

3

Sketch
(Select Signature)

CK-2447

NORRISH CREEK 18km

2015 Inspection



Approach from Right Bank when facing downstream



slab damage and rebar exposed



Deck



tracked machines recently walked across structure

CK-2447

NORRISH CREEK 18km

2015 Inspection



Approach from Left Bank when facing downstream



concrete cap grouted to lock blocks



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream