CK-2452	NORRISH CREEK km	2014 Inspection

CBR iPad Offline Ver 0.15

CBR Data

Latitude	Longitude
49°13'58.9"	-122°8'9.9"

Road Name	NORRISH CREEK
User km	
Current Load Rating (tonnes)	150
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel Box Beam
Deck Type	Concrete
Abutment Left	Concrete Cast in Place
Abutment Right	Concrete Cast in Place
Spans	1
Total Length (m)	18.3
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
49°13'58.83"	-122°8'9.94"

HD Diff. (m)	2.3	Accuracy (m)	5

Road Name	Norrish Creek
User km	7.1
Current Load Rating (tonnes)	L165 or 150 tonnes
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel Box Beam
Deck Type	Concrete Composite
Abutment Left	CIP and log crib
Abutment Right	CIP, lockblocks and single log sill
Spans	1
Total Length (m)	18.3
Deck Width (m)	4.8

Inspection

Date of Inspection: 2014-07-08 10:36:41 AM

Inspector Name: Tyson Miller

Inspection Company: MFLNRO

Inspection Comments

Monitor left bank abutment condition and deck joints. Present load rating of L165 or 150 tonnes to continue.

P.Eng Comments

Monitor left bank abutment condition and deck joints. Present load rating of L165 or 150 tonnes to continue.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
P. #135995

July 24/2014

Approach

Alignment	Fair	
Bridge Ahead Signs Missing	• 0 ○ 1 ○ 2	
Brushing Required	Y	minor
Delineator Missing Left	• 0 ○ 1 ○ 2	
Delineator Missing Right	• 0 ○ 1 ○ 2	
Fender Condition	Good	
Posted Load Rating	149700	
Road Surface	Fair	

Abutment

Log/Timber Cribs	Fair	left bank only, on top of CIP
Tie Backs	Fair	
Bin Wall	N/A	
Concrete	Fair	vertical crack on left CIP
Caps or Sills	Fair	right bank, single log sill
Piles or Posts	N/A	
Ballast Wall	Fair	
Wing WallBracing	N/A	
Hardware	N/A	
Fill	Fair	
Riprap	Poor	none in front of either abutment
Bearings	Fair	
Corrosion Protection	N/A	

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	
Grout Pockets	Fair	
Deck Joints	Fair	minor cracking on some joints - monitor
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Good	w-beam with steel risers and brackets
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

Steel/Concrete

Girders	Fair	2 steel box beams
Diaphragms	Fair	2 - bolted on either end
Bracing	N/A	
Under Trussing	N/A	
Hardware	Fair	
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)	Comment

Hazards

Estimated Present Water Level Depth (m)	0.5	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	10.	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	3.0	Ice ☐	

Comment

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Monitor Item	Monitor Description	Monitoring Frequency
1	deck joints	Routine Inspection
2	left bank abutment condition	Routine Inspection
3		

Sketch
(Select Signature)

FileName CBR iPad Offline Ver 0.15

CK-2452 NORRISH CREEK km 2014 Inspection

Approach from Right Bank when facing downstream

Approach from Left Bank when facing downstream

Right Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream