CK-2448	NORRISH CREEK km	2014 Inspection

CBR iPad Offline Ver 0.15

CBR Data		Updated Data	
Latitude	Longitude	Latitude	Longitude
49°11'47.9"	-122°9'36"	49°11'47.96"	-122°9'35.99"
		HD Diff. (m) 1.8	Accuracy (m) 5
Road Name	NORRISH CREEK	Norrish Creek	
User km		1.8	
Current Load Rating (tonnes)	136	136 tonnes	
Structure Class	Permanent Bridge	Permanent Bridge	
Portable	N	N	
Superstructure	Concrete Slab Girders	Concrete Slab Girders	
Deck Type	Concrete	Concrete	
Abutment Left	Steel Pipe and Precast Pad	Steel Pipe and Precast Pad	
Abutment Right	Steel Pipe and Precast Pad	Steel Pipe and Precast Pad	
Spans	1	1	
Total Length (m)	12.6	12.6	
Deck Width (m)	6	6	

Inspection

Date of Inspection 2014-07-08 9:34:03 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

Replace the right hand delineators that are posted on left sides with proper left hand delineators. Monitor new riprap for scour and lock block settlement. Downstream guardrail will need to be replaced soon. Provide 175mm gravel surfacing over concrete slabs extending into approaches as per original design. Present load rating of L150 or 136 tonnes to continue.

P.Eng Comments

Replace the right hand delineators that are posted on the left sides with proper left hand delineators. Monitor new riprap for scour and lockblock settlement. Downstream guardrail will need to be to be replaced soon. Provide 175mm gravel surfacing over the concrete slabs extending into the approaches as per the original design. Present load rating of L150 or 136 tonnes to continue.

July 24/2014

Approach

Alignment	Fair	
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	N	
Delineator Missing Left	○ 0 ○ 1 ● 2	both delineators on left sides are actually right hands
Delineator Missing Right	● 0 ○ 1 ○ 2	
Fender Condition	Good	
Posted Load Rating	136090	
Road Surface	Good	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	Fair	concrete caps
Piles or Posts	Fair	not painted, 2 bays right side
Ballast Wall	Fair	lock blocks, differential settlement left side (no levelling pad)
Wing WallBracing	Fair	lockblocks downstream right side
Hardware	Fair	
Fill	Fair	
Riprap	Fair	recent work completed
Bearings	Fair	
Corrosion Protection	Poor	not painted

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	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	upstream is new and tight, downstream fair to poor
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

Steel/Concrete

Girders	Fair	7 slabs, flared downstream
Diaphragms	N/A	
Bracing	N/A	
Under Trussing	N/A	
Hardware	N/A	
Welded/grouted shear connectors	Fair	welded

Log

Log Curbs	N/A
Needle Beam	N/A
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)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comment: recent riprap added to protect both abutments and downstream right wingwall

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	
2	Medium	replace left hand delineators
3		

Monitor Item	Monitor Description	Monitoring Frequency
1	scour	Routine Inspection
2	lock block settlement	Routine Inspection
3		

Sketch (Select Signature)

FileName: CBR iPad Offline Ver 0.15

Approach from Right Bank when facing downstream

Approach from Right Bank when facing downstream

Deck

Upstream Profile

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

right downstream wing wall