CK-2191	LOST-BLACKLOCK 2.5km	2016 Inspection

CBR iPad Offline Ver 0.23

CBR Data

Latitude	Longitude
49°24'18.69"	-122°12'8.5"

Crossing Name	Side Creek
FSR #	8466
Branch #	11
Road Name	LOST-BLACKLOCK
User km	2.5
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Concrete
Abutment Left	Concrete Precast
Abutment Right	Concrete Precast
Spans	1
Total Length (m)	16.3
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°24'18.77"	-122°12'8.84"

HD Diff. (m)	7.1	Accuracy (m)	5

Inspection

Date of Inspection	2016-08-31 12:40:39 PM		
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Replace guardrail, risers and blocks. Post bridge ahead signs and replace missing delineators. Brush approaches. Monitor the riprap scour and the damage to the upstream girder. Present load rating of L75 or 68 tonnes to continue.

P.Eng Seal

Approach

Alignment	Fair	HC right approach
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	Y	
Delineator Missing Left	○ 0 ○ 1 ● 2	
Delineator Missing Right	○ 0 ○ 1 ● 2	
Fender Condition	Good	
Posted Load Rating		not posted
Road Surface	Fair	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	Good	integrated cap/wall combo
Piles or Posts	Unrated	buried
Ballast Wall	Good	
Wing Wall	N/A	
Bracing	Unrated	buried
Hardware	Poor	loose rail bolts
Fill	Good	
Riprap	Fair	scour noted on left bank
Bearings	Good	
Corrosion Protection	Unrated	buried

Deck

Running Surface	Good	
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	Poor	rotten
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Poor	due to rail condition
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate		
Girders	Fair	7 concrete slas
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

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)	1.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	replace guardrail, riers and blocks
2	Medium	post bridge ahead signs and replace missing delineators
3	Medium	brush approaches

Item	Monitor Description	Frequency
1	riprap scour	regular bridge inspection
2	damage to upstream girder	regualr bridge inspections
3		

Sketch
(Select Signature)

CK-2191 LOST-BLACKLOCK 2.5km 2016 Inspection

Approach from Right Bank when facing downstream

Deck

Approach from Right Bank when facing downstream

looking upstream

CK-2191 LOST-BLACKLOCK 2.5km 2016 Inspection

looking downstream

Right Bank Abutment when facing downstream

Approach from Left Bank when facing downstream

Left Bank Abutment when facing downstream

Upstream Profile

upstream slab damage