CK-2470	HARRISON EAST 22.5km	2015 Inspection

CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude
49°31'38.7"	-121°45'33.5"

Crossing Name	Unknown		
FSR #	5748	Branch #	1
Road Name	HARRISON EAST		
User km	22.5		
Current Load Rating (tonnes)	136 tonnes		
Structure Class	Major Culvert		
Culvert Type	Open Bottom		
Culvert Material	Corrugated Steel		
Opening Height (mm)	1910		
Opening Width (mm)	3660		
Inlet Cover (mm)	1100		
Outlet Cover (mm)	1500		
Culvert Gradient %	2		
Culvert Length (m)	34.8		

Updated Data

Latitude	Longitude
49°31'39.64"	-121°45'33.47"

HD Diff. (m)	29.0	Accuracy (m)	5

Inspection

Date of Inspection	2015-10-21 1:58:06 PM
Inspector Name	Tyson Miller
Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Present load rating of L150 or 136 tonnes to continue.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
35995

P.Eng Seal

Dec 4/2015

Approach

Alignment	Fair
Bridge Ahead Signs Missing	(•) 0 ( ) 1 ( ) 2
Brushing Required	N
Delineator Missing Left	(•) 0 ( ) 1 ( ) 2
Delineator Missing Right	(•) 0 ( ) 1 ( ) 2
Fender Condition	Good
Posted Load Rating	not posted
Road Surface	Good

Abutment

Log/Timber Cribs	
Tie Backs	
Bin Wall	
Concrete	
Caps or Sills	
Piles or Posts	
Ballast Wall	
Wing Wall	N/A
Bracing	
Hardware	
Fill	Good
Riprap	Good
Bearings	
Corrosion Protection	

Culvert

Baffles	N/A
Bolted Connections	Good
Coating	Good
Coupled Connections	N/A
Embedment Materials	Good
Fill	Good
Floor	Good
Footing	Good
Head Walls	Good
Inlet	Good
Outlet	Good
Overall	Good
Rip Rap	Good
Roof	Good
Sidewalls	Good
Trash Rack	N/A
Weirs/Backwater Structures	N/A
Wing Walls	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

Hazards

Estimated Present Water Level Depth (m)	0.2	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	3.5	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.5	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

CK-2470 HARRISON EAST 22.5km 2015 Inspection

Approach from Right Bank when facing downstream

Outlet

Approach from Left Bank when facing downstream

Inlet

CK-2470 HARRISON EAST 22.5km 2015 Inspection

looking through culvert from upstream