

CK-2124

HARRISON EAST 60.5km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°47'11.1"	-121°49'37.5"
Crossing Name	Spade Creek
FSR #	5748
Branch #	1
Road Name	HARRISON EAST
User km	60.5
Previous Load Rating (tonnes)	64
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Removable
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	24.4
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°47'11.13"	-121°49'36.65"
HD Diff. (m)	16.9
Accuracy (m)	5
BCL-625 or 64 tonnes	

Inspection

Date of Inspection 2019-08-15 11:39:49 AM

Inspector Name Tyson Miller

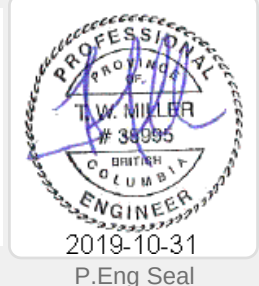
Inspector Comments Serial/ID Plate See photo

Recommended Next Inspection Year 2022

Inspection Company

P.Eng Comments

Monitor right approach road fills and upstream groin condition. The current load rating of BCL-625 or 64 tonnes to continue.



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Approach

Alignment Fair

HC right approach

Bridge Ahead Signs
Missing X 0 ☐ 1 ☐ 2

Brushing Required Y

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

Fender Condition Good

Posted Load Rating 63730

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good Minor spall left ballast wall

Wing Wall

Bracing Good

Hardware Good

Fill Fair Upstream right approach erosion

Riprap Good

Bearings Good

Corrosion Protection Good

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts **Good**

Concrete Deck **Good**

Grout Pockets **Good**

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders Good

Diaphragms Good 6 bolted bays

Bracing Good

Under Trussing

Hardware Good

Welded/grouted
shear connectors**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

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Hazards

Estimated Present Water Level Depth (m)	.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	6	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2	Ice	☐		

Comments Upstream spurs appear fully intact

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Wilderness road up stream right approach erosion

2

3

Item	Monitor Description	Frequency
1	Upstream groin riprap condition	Routine Inspection

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Fill erosion upstream right approach



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Superstructure



Structure ID



Groins upstream left bank



Groins upstream left bank



Upper groin left bank upstream



Upstream Profile



Right Bank Abutment when facing downstream



Minor damage to left bank approach ballast wall