CK-2533	DEWDNEY 6000 km	2018 Inspection

CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°27'35.79"	-121°11'35.6"

Crossing Name	Dewdney Creek
FSR #	7995
Branch #	3
Road Name	DEWDNEY 6000
User km	
Current Load Rating (tonnes)	91
Structure Class	Temporary 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)	21.3
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
49°27'35.89"	-121°11'36.24"

HD Diff. (m)	13.3	Accuracy (m)	5

0.03km

L100 or 91 tonnes

Inspection

Date of Inspection	2018-10-04 8:27:40 AM	Recommended Next Inspection Year	2021
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Repair damage to panel 1 at downstream left approach consistent with the Concrete Repair Guide for Concrete Bridge Components (MFLNRO 2017) and post missing bridge ahead sign. Present load rating of L100 or 91 tonnes to continue.

P.Eng Seal

Approach

Alignment	Fair	HC right approach, VC left approach
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	Good
Ballast Wall	Good
Wing Wall	
Bracing	Good
Hardware	
Fill	Good
Riprap	Good
Bearings	Good
Corrosion Protection	Good

Deck

Running Surface	Good
Running Planks	
Sub Deck	
Ties	
Nails	
Deck to Girder Bolts	
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)	

Steel/Concrete

Girders	Good
Diaphragms	Good
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

Hazards

Estimated Present Water Level Depth (m)	0.5	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	12.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	2.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Repair damage to deck panel 1 at downstream left approach
2	Low	Post bridge ahead sign at left approach
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

CK-2533 DEWDNEY 6000 km 2018 Inspection

Approach from Right Bank when facing downstream

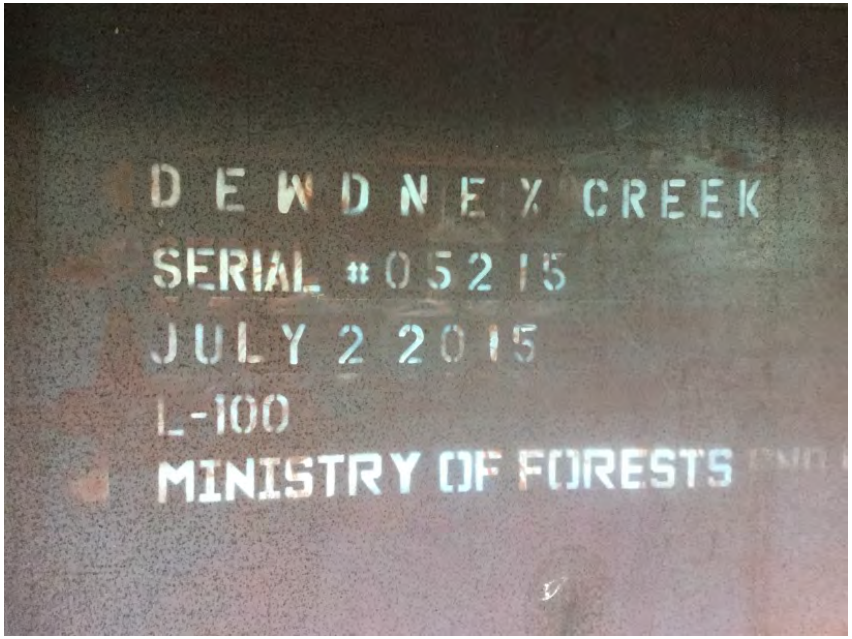
Upstream from Crossing

Deck

Downstream from Crossing

Approach from Left Bank when facing downstream

Deck bolts



Structure ID

Damage under panel 1 at downstream left bank

Right Bank Abutment when facing downstream

Superstructure

Left Bank Abutment when facing downstream

Downstream Profile