CK-2008	ANDERSON SEVEN 0.3km	2016 Inspection

CBR iPad Offline Ver 0.23 SNT

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°43'45.3"	-121°21'56.3"

Crossing Name	Not Known
FSR #	8074
Branch #	7
Road Name	ANDERSON SEVEN
User km	0.3
Current Load Rating (tonnes)	2
Structure Class	Temporary Bridge
Portable	Y
Superstructure	Timber - untreated stringers
Deck Type	Gravel
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	9.1
Deck Width (m)	3.95

Updated Data

Latitude	Longitude
49°43'45.23"	-121°21'57.31"

HD Diff. (m)	20.3	Accuracy (m)	5

	Unknown
	Permanent Bridge
	N
	Steel I-beam
	Concrete composite
	Steel Pipe and Precast Pad
	Steel Pipe and Precast Pad
	9.56
	4.268

Inspection

Date of Inspection	2016-07-22 4:32:49 PM		
Inspector Name	Jamie Rupar Gilliatt	Inspection Company	SNT Engineering

Inspector Comments

Bridge has been replaced since previous inspection.

P.Eng Comments

Post bridge ahead signs and grade approaches. Send Record Drawings, Structural Drawings and Crossing Assurance Statement for updated load rating.

17/01/2017

P.Eng Seal

Approach

Alignment	Fair	Vertical curve obscures view.
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	N	
Delineator Missing Left	● 0 ○ 1 ○ 2	
Delineator Missing Right	● 0 ○ 1 ○ 2	
Fender Condition	Excellent	
Posted Load Rating	91	
Road Surface	Poor	Road surface 65 mm below level of deck, with rutting, potholes and signs of ponding.

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	N/A	
Piles or Posts	Excellent	Steel posts.
Ballast Wall	Excellent	Precast concrete ballast wall welded to girder end.
Wing Wall	N/A	
Bracing	Unrated	Not inspectable, buried in fill.
Hardware	Excellent	
Fill	Good	Oversteepend at left abutment downstream corner.
Riprap	Good	Round material, over steepened at left abutment downstream corner.
Bearings	Excellent	
Corrosion Protection	Good	

Deck

Running Surface	Good	Road surface 65 mm below level of deck, with rutting, potholes and signs of ponding.
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Good	Precast concrete deck panels. Deck is 65 mm above both approaches. Spall in right abutment wheel track at deck edge.
Grout Pockets	Unrated	Cannot identify location of pockets due to debris on deck.
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Excellent	HSS guardrail.
Hand Rails/Walkouts	N/A	
Hardware	Excellent	
Overall Deck Condition	Good	
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate: L100. No bridge number tag provided.

Girders: Excellent

Diaphragms: Excellent

Bracing: Excellent

Under Trussing: N/A

Hardware: N/A

Welded/grouted shear connectors: N/A

Log

Log Curbs: N/A

Needle Beam: N/A

Needle Lashing/ Shimming: N/A

Stringer Number	Needle Beam to Crib (m) Species	Peeled	Needle Diameter (mm) Diameter (mm)	Rot Depth (mm)	Condition	Comment

Hazards

Estimated Present Water Level Depth (m)	0.02	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	0.6	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.5	Ice ☐	

Comments: Small stream.

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Install bridge ahead signs.
2	Medium	Regrade approaches.
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Right Approach Facing Away From Bridge

Load Posting

Right Approach Facing Bridge

Structure ID

Upstream Elevation

Left Approach Facing Away From Bridge

Deck

Left Approach Facing Bridge

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Downstream Elevation

Looking Downstream

Looking Upstream

Right Bank Abutment

Left Bank Abutment

Spall in Wheel Track at Right Abutment Deck Edge

Girder and Bracing Condition

Oversteepend Left Embankment