

CK-2353

WINSLOW CREEK 1.9km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

CBR Data

Latitude	Longitude		
49°29'12.19"	-122°12'17.1"		
Crossing Name	Side Creek		
FSR #	8013	Branch #	2
Road Name	WINSLOW CREEK		
User km	1.9		
Current Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Concrete Slab Girders		
Deck Type	Concrete		
Abutment Left	Concrete Lock Blocks		
Abutment Right	Concrete Lock Blocks		
Spans	1		
Total Length (m)	8.5		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude		
49°29'12.66"	-122°12'16.15"		
HD Diff. (m)	23.9	Accuracy (m)	5

Inspection

Date of Inspection 2016-07-28 5:25:06 PM

Inspector Name Jamie Rupar Gilliatt

Inspection Company SNT Engineering

Inspector Comments

Timber sill, guardrail, risers, and blocking have all been replaced since 2013 inspection. Fenders have been realigned. Slab girder ends require repair and approaches need grading before industrial activity.

P.Eng Comments

Repair damaged end end of slab girders; grade approaches and post bridge ahead signs; all prior to industrial activity. Present load rating of L75 or 68 tonnes to continue.



02/03/2017

P.Eng Seal

CK-2353

WINSLOW CREEK 1.9km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

Approach

Alignment Fair

Horizontal and vertical curve.

Bridge Ahead Signs
Missing
☐ 0
 ☐ 1
 ☒ 2

Brushing Required N

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

Fender Condition Fair

Typical moss growth.

Posted Load Rating

No posting sign in place.

Road Surface Poor

Significant difference in grade between approach and deck resulting in damage to girder ends.

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Fair

Lock blocks with geo grid.

Caps or Sills Good

Timber sill replaced since previous inspection.

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware Fair

Fill Fair

Riprap Fair

May be undersized.

Bearings N/A

No rubber bearings.

Corrosion Protection N/A

CK-2353

WINSLOW CREEK 1.9km

2016 Inspection

CBR iPad Offline Ver 0.23 SNT



Deck

Running Surface	Poor	Significant difference in grade between approach and deck resulting in damage to girder ends.
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Fair	Debris limited inspection. Wearing of surface, previous inspection identified damage from tracked vehicles, spall at slab joint.
Grout Pockets	N/A	
Deck Joints	N/A	No rubber joints.
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Good	Replaced since previous inspection.
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

CK-2353

WINSLOW CREEK 1.9km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

Steel/Concrete

Serial/ID Plate No ID Tag.

Girders Fair

Damage with exposed rebar at ends from vehicle pounding.

Diaphragms N/A

Bracing N/A

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

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer
Number

Species

Peeled

Diameter
(mm)Rot Depth
(mm)

Condition

Comment

CK-2353

WINSLOW CREEK 1.9km

2016 Inspection

CBR iPad Offline Ver 0.23 SNT



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)	1.5	Ice	☐		

Comments Dry channel.

Repairs and Monitoring

Repair		Repair Description
Item	Priority	
1	Medium	Grade approaches before industrial activity.
2	Medium	Repair damaged sections of slab girders.
3	Medium	Post bridge ahead signs.

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Left Approach Facing Bridge



Left Approach Facing Away From Bridge



Typical Grade Differential at End of Deck



Right Approach Facing Away From Bridge



Right Approach Facing Bridge



Looking Downstream



Looking Upstream



Deck



Guard Rail



Right Bank Abutment



Upstream Elevation



Left Bank Abutment



Downstream Elevation



Spall in Deck



Slab Girders



Damaged Girder End