

Bridge Inspection											
Bridge File Number	73463 -2 Bridge				Form Type	PCS					
Year Built/Year Supstr	2007/2007				Lot No.	2					
Bridge or Town Name	INDIAN CABIN				Inspector Name	Brian Pientsch					
Located Over	CAMP CREEK, 9.3.2, WATERCRS-ST				Inspector Class	BR CLS A					
Located On	35:20 C1 30.472				Assistant Name						
Water Body Cl./Year					Assistant Class						
Navigabil. Cl./Year					Inspection Date	13-Jan-2012					
Legal Land Location	NW SEC 3 TWP 125 RGE 18 W5M				Data Entry By	Theresa Lacusta					
Longitude, Latitude	-117:02:21, 59:50:10				Data Entry Date	07-Feb-2012					
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Arnold Assenheimer					
Contract Main. Area	CMA01				Review Date	06-Feb-2012					
Clear Roadway/Skew	11.2 / 0 deg.				Dept. Reviewer Name	David Morrison					
AADT/Year	370 / 2011 (A)				Dept. Review Date	05-Apr-2012					
Road Classification	RAU-210-110				Follow-Up By						
Detour Length (km)	999										
Allowable Load (t):	Single	CS1 28			Semi	CS2 49			Train	CS3 62	----> On Critical Spans ---->Critical Member
Design Loading:	CS800									----> Primary Span	

Posting Information										
Required Load Posting (t)	Single			Semi			Truck Train			
Posted Loading (t)	Single			Semi			Truck Train			
Posted:	Lane	WB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No		
Posted:	Lane	EB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No		
Remarks	Not required.									
Hazard Marker At Bridge (Y/N)	Yes									
Remarks										
Other Sign Types	Camp Creek									

Utilities (Located at)										
Utility Attachments										
Telephone	W R/W				Gas					
Power					Municipal					
Others					Problem (Y/N)	No				
Remarks	Railway crossing about 50m U/S.									

Approach Road					
		Last	Now	Explanation of Condition	
Horizontal Alignment		9	9		
Vertical Alignment		9	9		
Roadway Width (m)	11.160				
Approach Bump		9	9		
Guardrail (Y/N)	Yes	Snow covered			
Guardrail		8	N		
Length (m)	83.600				
Current Standard (Y/N)	Yes				
Termination Type	Turndown				
Drainage		8	N	Snow covered.	
Approach Road General Rating		9	9		

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : SCC, 1 Spans, Lengths(m): 16, A-Ident Number:)					
Special Features					
Special Feature			X		
(Type :)					
Special Feature			X		
(Type :)					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	
Last					
Now	100.0	0.0	0.0	0.0	
Wearing Surface			8	N	Snow covered.
(Material Type : CONCRETE)					
(Thickness(mm) : 150)					
Lateral Connection Problem (Y/N)		No			
Deck Top			N	N	
Deck Rideability			9	9	
Deck Joints			8	N	Snow covered.
Bump (Y/N)		No			
Deck Drainage			9	3	Drain extensions (2) on G10 have broken off causing staining around drain on underside of girder.
Drains Clogged (Y/N)		No			
Curbs/Median			8	N	Snow covered.
(Curb Type : Standard)					
Scaling (Percent Area)					
Bridge Rail			9	N	Snow covered.
(Type : GALVANIZED STEEL BRIDGE TUBE)					
Bridge Rail Posts			9	N	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)					
Bridge Rail/Posts Coating			9	N	
(Type : GALVANIZED)					
Sidewalk			X	X	
Girder Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now					
Girders			8	8	Vertical hairline cracks on G1 and G10 face.-26-May-2010 Snow and ice covered.
Last Complete Inspection Date		13-Jan-2012			
Cracking (Y/N)		No			
Spalling (Percent Area)		0			
Lift or Connector Pocket Grouted (Y/N)		Yes			
(Number Of Girders : 1)					
Span Alignment Problems					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			
Superstructure General Rating			8	8	

Substructure						
Bridge Component				Last	Now	Explanation of Condition
Abutments						
(Extended Backwall Piles (Y/N) : N)						
(Extended Backwall Piles Spacing(mm) :)						
(Total Number of Caps/Corbels : 1:1)						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Bearing Seats/Caps/Corbels				9	9	
(Type : CONCRETE)						
(Depth(mm) : 1540)						
(Width(mm) : 650)						
Backwalls/Breastwalls				9	9	
Greatest Height (m)		1.80				
Wingwalls				8	8	
(Total Number of Bearing Piles : 7:7)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last	14	0	0	0		
Now	14	0	0	0		
Piles				N	N	
Paint/Coating				9	9	
Abutment Stability				9	9	
Scour/Erosion				9	9	
Piers/Bents						
(Type :)						
(Total Number of Caps/Corbels :)						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Bearing Seats/Caps/Corbels				X	X	
(Type :)						
(Depth(mm) :)						
(Width(mm) :)						
(Total Number of Bearing Piles :)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Pier Shaft/Piles				X	X	
Greatest Height (m)						
Bracing/Struts/Sheathing				X	X	
Nose Plate				X	X	
Paint/Coating				X	X	
(Colour Description :)						
(Colour Code :)						
Pier Stability				X	X	

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Scour		X	X	
Debris (Y/N)	No			
Substructure General Rating		9	9	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment		7	7	
Bank Stability		8	8	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection		8	8	
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs		X	X	
Adequacy of Opening		9	9	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		7	7	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
SEAL CURBS							
PATCH DECK							
OVERLAY DECK							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
SHOTCRETE REPAIRS							
CORE TIMBER CAPS/CORBELS							
REPAIR/REPLACE TIMBER CAPS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
INSTALL STRUTS							
OTHER ACTION	2012	Replace 2 drain ext. on G10 4 1/2 "O.D x 6" pvc pipe req'd for each.					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	94.4/94.4	Sufficiency Rating (Last/Now) (%)	79.0/79.0	Est. Repl. Yr	2057	Maint. Req'd. (Y/N)	Yes
Special Comments for Next Inspection			Department Comments				
Maintenance Reviewed By			Date			Estimated Total	0
Proposed Long-Term Strategy							
On 3-Year Program (Y/N)							
Proposed Action							
Previous Inspector's Name	Brian Pientsch		Previous Assistant's Name	Lisbeth Medina			
Next Inspection Date	13-Oct-2013		Previous Inspection Date	26-May-2010			
Inspection Cycle (Default) (months)	21						
Comment							