

Bridge Inspection													
Bridge File Number	85089 -1 Bridge					Form Type	PSR						
Year Built/Year Supstr	2011/2011					Lot No.	2						
Bridge or Town Name	Campbell Interchange					Inspector Name	Randy Bredo						
Located Over	216:08 R1 8.473;216:08 L1 8.520;OVER 216:08 GS					Inspector Class	BR CLS A						
Located On	LOCAL ROAD					Assistant Name							
Water Body Cl./Year						Assistant Class							
Navigabil. Cl./Year						Inspection Date	17-Apr-2012						
Legal Land Location	SE SEC 2 TWP 54 RGE 25 W4M					Data Entry By	Jill Potts						
Longitude, Latitude	-113:34:35, 53:37:43					Data Entry Date	03-May-2012						
Road Authority	Alberta Transportation (AIT)					Reviewer Name	Dave Lam						
Contract Main. Area	UNDEFINED CMA					Review Date	28-Apr-2012						
Clear Roadway/Skew	34.3 /					Dept. Reviewer Name	Brent Herrick						
AADT/Year						Dept. Review Date	12-Jun-2012						
Road Classification						Follow-Up By							
Detour Length (km)	1												
Allowable Load (t):	Single	CS1 28			Semi	CS2 49			Train	CS3 62			----> On Critical Spans ---->Critical Member
Design Loading:	CL800										----> Primary Span		
Posting Information													
Required Vert. Clearance Posting (m)													
Posted Vertical Clearance (Y/N)			Yes										
Posted:	Lane	EB	On Bridge (m)	6.6	In Advance (Y/N)	No	Lane	WB	On Bridge (m)	6.8	In Advance (Y/N)	No	
Remarks	Advance VC signs required.												
Required Load Posting (t)			Single				Semi				Truck Train		
Posted Loading (t)			Single				Semi				Truck Train		
Posted:	Lane	NB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No	At Bridge (Y/N)	No	At Bridge (Y/N)	No	
Posted:	Lane	SB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No	At Bridge (Y/N)	No	At Bridge (Y/N)	No	
Remarks	Not required.												
Hazard Marker At Bridge (Y/N)		No											
Remarks		Not required.											
Other Sign Types													
Utilities (Located at)													
Utility Attachments													
Telephone						Gas							
Power						Municipal							
Others	Light standard.					Problem (Y/N)	Yes						
Remarks	Light standard not grouted at base.												
Approach Road													
				Last	Now	Explanation of Condition							
Horizontal Alignment					7	12.0m on exit.							
Vertical Alignment					7								
Roadway Width (m)		34.300											
Approach Bump					7								
Guardrail (Y/N)		Yes											
Guardrail					8								
Length (m)		42.000											
Current Standard (Y/N)		Yes											
Termination Type		Attenuation											
Drainage					3								
Approach Road General Rating					7								

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : NU, 2 Spans, Lengths(m): 54-51, 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				
Wearing Surface			8	H2 with waterproofing system.
(Material Type : ACP)				
(Thickness(mm) : 80)				
Lateral Connection Problem (Y/N)	No			
Deck Top			N	
Deck Rideability			8	
Deck Joints			8	
Temperature (deg. C)	3			
(Expansion Type : GLAND (WABO-MAUER, TRANSFLEX, ETC))				
(Fixed Type :)				
Gap Size (mm)		Gap Location		
78		A1 - gland wabo - exp.		
72		A2 - gland wabo - exp		
Deck Drainage			6	Shallow ponding over pier. No drains.
Drains Clogged (Y/N)	No			
Curbs/Median			3	West side only. SE barrier settled 55mm and caulking failed.
(Curb Type : SINGLE SLOPE CONCRETE BARRIER)				
Scaling (Percent Area)	0			
Bridge Rail			8	East side only. Sidewalk posts not grouted.
(Type : GALVANIZED STEEL BRIDGE TUBE)				
Bridge Rail Posts			3	
(Type : GALVANIZED POST STEEL; GALVANIZED POST STEEL)				
Bridge Rail/Posts Coating			8	
(Type : GALVANIZED)				
Sidewalk			3	Final grading required at ends. Slight ponding on sidewalk.
Girder Detail Ratings				
	N (count)	1 (count)	2 (count)	3 (count)
Last				
Now				
Girders			8	Girders sagged approx 50mm.
Cracking (Y/N)	No			
Spalling (Percent Area)	0			
(Number Of Girders : 13)				

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : NU, 2 Spans, Lengths(m): 54-51, A-Ident Number:)				
Diaphragms/Cross Frame			8	
Bearings			8	Both abutments and pier are integral.
Temperature (deg. C)	3			
(Expansion Type : REINFORCED NEOPRENE BEARING WITH TEFLON AND STAINLESS STEEL)				
(Fixed Type :)				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside			8	
Stains (Percent Area)	0			
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating			8	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps			8	Typical vertical shrinkage cracks 3.0m o.c.
(Type : CONCRETE)				
Backwalls/Breastwalls			8	
Wingwalls			7	
Piles			N	
Paint/Coating			7	
Abutment Stability			9	
Scour/Erosion			X	
Piers/Bents				
(Type : PIER-COLUMN)				4 columns.
Bearing Seats/Caps			9	
(Type : CONCRETE)				
(Total Number of Bearing Piles : 26)				Buried.
Pier Shaft/Piles			9	
Bracing/Struts/Sheathing			X	
Nose Plate			X	
Paint/Coating			8	Tan.
(Colour Description :)				
(Colour Code :)				
Pier Stability			9	
Scour			X	
Debris (Y/N)	No			
Substructure General Rating			8	

Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment			7	
Traffic Safety Features			8	
Type	Lighting			
Slope Protection			8	
(Type : CONCRETE; CONCRETE)				
Bank Stability			9	
Drainage			7	
Grade Separation General Rating			7	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL	2012	Grout sidewalk posts.					
GALVANIZE/PAINT BRIDGE RAIL							
SEAL CURBS							
PATCH DECK							
SEAL DECK							
OVERLAY DECK							
REPAIR/REPLACE DECK JOINTS							
RESET/ PAINT BEARINGS							
WASHING							
SHOTCRETE REPAIRS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION	2012	Grout light standards.					
OTHER ACTION	2012	Repair caulking failure and reset barrier.					
OTHER ACTION	2012	Finish all grading.					
OTHER ACTION	2012	Finish pigment sealer.					
OTHER ACTION	2012	Install advance vertical clearance signs.					
OTHER ACTION	2012	Address ponding on sidewalk.					
OTHER ACTION	2012	Install plow deflectors on joint.					
OTHER ACTION	2012	Finish sidewalk.					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	/88.9	Sufficiency Rating (Last/Now) (%)	/76.0	Est. Repl. Yr	2087	Maint. Req. (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				Previous Assistant's Name			
Next Inspection Date	17-Jan-2014			Previous Inspection Date			
Inspection Cycle (Default) (months)	21						

Comment	
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