

Bridge Inspection									
Bridge File Number	76634 -2 Bridge				Form Type	SG			
Year Built/Year Supstr	2010/2010				Lot No.	4			
Bridge or Town Name	HIGH LEVEL				Inspector Name	Brian Pientsch			
Located Over	TRIBUTARY TO SOUSA CREEK, 9.21.1, WATERCRS-ST				Inspector Class	BR CLS A			
Located On	58:04 C1 48.842				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	12-Jan-2012			
Legal Land Location	NW SEC 31 TWP 110 RGE 4 W6M				Data Entry By	Theresa Lacusta			
Longitude, Latitude	-118:40:03, 58:35:59				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 / 15 deg. (RHF)				Dept. Reviewer Name	David Morrison			
AADT/Year	740 / 2011 (A)				Dept. Review Date	05-Apr-2012			
Road Classification	RAU-212.0-110				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:	CL800						----> 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	West Sousa Creek, "Trucks Steep Hill"								

Utilities (Located at)									
Utility Attachments									
Telephone					Gas				
Power	4 wire OHP 50m S of centerline.				Municipal				
Others					Problem (Y/N)	No			
Remarks									

Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment				9	Bottom os long sag curve.				
Vertical Alignment				6					
Roadway Width (m)	12.000								
Approach Bump				8					
Guardrail (Y/N)	Yes								
Guardrail				8					
Length (m)	61.000								
Current Standard (Y/N)	Yes								
Termination Type	TURNDOWN ENDS								
Drainage				N	Snow covered.				
Approach Road General Rating				5					

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : WG, 1 Spans, Lengths(m): 28, 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	10.0			
Wearing Surface			9	
(Material Type : MIX TYPE 2 ACP)				
(Thickness(mm) : 90)				
Deck Top			N	
Deck Rideability			9	
Deck Joints			X	
Temperature (deg. C)	-7			
(Expansion Type :)				
(Fixed Type : ASPHALTIC FIBRE BOARD)				
Gap Size (mm)	Gap Location			
Deck Drainage			9	
Drains Clogged (Y/N)	No			
Curbs/Median			N	Snow covered
(Curb Type : None)				
Scaling (Percent Area)				
Bridge Rail			N	Snow covered
(Type :)				
Bridge Rail Posts			N	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)				
Bridge Rail/Posts Coating			N	
(Type : GALVANIZED)				
Sidewalk			X	
Girder/Beam				
Cover Plate			X	
Flange			9	
Web			9	
Stiffeners			9	
Splice			X	
Weld			9	
Diaphragms/Cross Frame			9	

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : WG, 1 Spans, Lengths(m): 28, A-Ident Number:)				
Paint Condition			9	
(Colour Description :)				
(Colour Code :)				
Touchup Required (Y/N)	No			
Bearings			N	Integral abutments.
Temperature (deg. C)	-7			
(Expansion Type :)				
(Fixed Type : PINNED BEARING)				
Coating Adequate (Y/N)				
Functioning (Y/N)				
Deck Underside			9	
Stains (Percent Area)				
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating			9	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps			9	Integral abutments No pimented sealer.
(Type : CONCRETE)				
Backwalls/Breastwalls			9	
Wingwalls			9	
Piles			N	
Paint/Coating			9	No pigmented dealer applied.
Abutment Stability			9	
Scour/Erosion			9	
Piers/Bents				
(Type :)				
Bearing Seats/Caps			X	
(Type :)				
(Total Number of Bearing Piles :)				
Pier Shaft/Piles			X	
Bracing/Struts/Sheathing			X	
Nose Plate			X	
Paint/Coating			X	
(Colour Description :)				
(Colour Code :)				
Pier Stability			X	
Scour			X	
Debris (Y/N)	No			
Substructure General Rating			9	

Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : S)				
(D/S Direction : N)				
Alignment			9	
Bank Stability			7	
HWM (m below Top of Curb)	4.6			Silt line on riprap East headslope
Drift (Y/N)	No			
Slope Protection			9	
(Type :)				
Guidebank/Spurs			X	
Adequacy of Opening			9	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating			7	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
GALVANIZE/PAINT BRIDGE RAIL							
RETROFIT BRIDGE RAIL							
SEAL CURBS							
PATCH DECK							
SEAL DECK							
OVERLAY DECK							
REPAIR/REPLACE DECK JOINTS							
RESET/ PAINT BEARINGS							
REPAINT SUPERSTRUCTURE							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
SHOTCRETE REPAIRS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	/100.0	Sufficiency Rating (Last/Now) (%)	/78.9	Est. Repl. Yr	2080	Maint. Req. (Y/N)	No
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	12-Oct-2013		Previous Inspection Date				
Inspection Cycle (Default) (months)	21						
Comment							