

Bridge Inspection											
Bridge File Number	73439 -2 Bridge				Form Type	PCS					
Year Built/Year Supstr	2007/2007				Lot No.	4					
Bridge or Town Name	HIGH LEVEL				Inspector Name	Brian Pientsch					
Located Over	BEDE CREEK, 8.10.23.7, WATERCRS-ST				Inspector Class	BR CLS A					
Located On	35:14 C1 30.891				Assistant Name	Russel Vanderschaaf					
Water Body Cl./Year					Assistant Class	BR CLS B					
Navigabil. Cl./Year					Inspection Date	15-Nov-2011					
Legal Land Location	NW SEC 35 TWP 107 RGE 20 W5M				Data Entry By	Theresa Lacusta					
Longitude, Latitude	-117:13:57, 58:20:08				Data Entry Date	13-Dec-2011					
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Eric Carcoux					
Contract Main. Area	CMA01				Review Date	12-Dec-2011					
Clear Roadway/Skew	11.2 / 0 deg.				Dept. Reviewer Name	Steve Pasquan					
AADT/Year	1,290 / 2010 (A)				Dept. Review Date	10-Jan-2012					
Road Classification	RAU-211.8-110				Follow-Up By						
Detour Length (km)	200										
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	NB	At Junction (Y/N)	No	In Advance (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		
Remarks	Not required.									
Hazard Marker At Bridge (Y/N)	Yes									
Remarks										
Other Sign Types	Bede Creek. NB & SB									

Utilities (Located at)										
Utility Attachments										
Telephone	West R/W & East R/W				Gas					
Power	West R/W-4 line.				Municipal					
Others					Problem (Y/N)	No				
Remarks										

Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			8	8	Gradual sag.				
Vertical Alignment			7	7					
Roadway Width (m)	10.200								
Approach Bump			8	7					
Guardrail (Y/N)			Yes						
Guardrail			N	7					
Length (m)	62.000								
Current Standard (Y/N)			Yes						
Termination Type			Turned down						
Drainage			8	7					
Approach Road General Rating			7	7					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : SCC, 2 Spans, Lengths(m): 12.865-12.865, A-Ident Number:)					
Special Features					
Special Feature			X		
(Type :)					
Special Feature			X		
(Type :)					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	Partly snow/ice/gravel covered.
Last					
Now	15.0	0.0	0.0	0.0	
Wearing Surface				8	7
(Material Type : CONCRETE)					
(Thickness(mm) : 157)					
Lateral Connection Problem (Y/N)		No			
Deck Top				N	N
Deck Rideability				8	7
Deck Joints				8	8
Bump (Y/N)		No			Buffer angels
Deck Drainage				8	7
Drains Clogged (Y/N)		No			
Curbs/Median				N	N
(Curb Type : Standard)					
Scaling (Percent Area)		0			snow covered.
Bridge Rail				8	7
(Type : GALVANIZED STEEL BRIDGE TUBE)					
Bridge Rail Posts				N	7
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)					
Bridge Rail/Posts Coating				8	7
(Type : GALVANIZED)					
Sidewalk				X	X
Girder Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now					
Girders				8	8
Last Complete Inspection Date					
Cracking (Y/N)		No			
Spalling (Percent Area)					
Lift or Connector Pocket Grouted (Y/N)					
(Number Of Girders : 10)					
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) : Y)					
(Extended Backwall Piles Spacing(mm) : 1560)					
(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				8	8
(Type : GALVANIZED STEEL)					
(Depth(mm) : 310)					
(Width(mm) : 310)					
Backwalls/Breastwalls				8	7
Greatest Height (m)		1.00			
Wingwalls				8	7
(Total Number of Bearing Piles : 8:8)					
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now					
Piles				8	7
Paint/Coating				8	7
Abutment Stability				8	8
Scour/Erosion				8	8
Piers/Bents					
(Type : PIER-COLUMN)					
(Total Number of Caps/Corbels : 1)					
Bearing Seats/Caps/Corbels Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now					
Bearing Seats/Caps/Corbels				8	8
(Type : GALVANIZED STEEL)					
(Depth(mm) : 310)					
(Width(mm) : 620)					

Substructure						
Bridge Component				Last	Now	Explanation of Condition
(Total Number of Bearing Piles : 8)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Pier Shaft/Piles				8	7	
Greatest Height (m)		5.50				
Bracing/Struts/Sheathing				8	7	
Nose Plate				8	X	
Paint/Coating				8	7	
(Colour Description :)						
(Colour Code :)						
Pier Stability				8	8	
Scour				8	8	
Debris (Y/N)		Yes				
Substructure General Rating				8	7	
Structure Usage						
				Last	Now	Explanation of Condition
Channel						
(U/S Direction : W)						
(D/S Direction : E)						
Alignment				8	8	
Bank Stability				8	7	
HWM (m below Top of Curb)						No HWM visible.
Drift (Y/N)		Yes				
Slope Protection				8	8	
(Type :)						
Guidebank/Spurs				X	X	
Adequacy of Opening				9	8	
(Fish Compensation Measure 1 : NONE)						
(Fish Compensation Measure 2 : NONE)						
Channel General Rating				8	8	

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							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	88.9/83.3	Sufficiency Rating (Last/Now) (%)	75.9/73.5	Est. Repl. Yr	2070	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	Brian Pientsch		Previous Assistant's Name				
Next Inspection Date	15-Aug-2013		Previous Inspection Date	17-Feb-2010			
Inspection Cycle (Default) (months)	21						
Comment							