

Bridge Inspection									
Bridge File Number	01763 -2 Bridge				Form Type	PCS			
Year Built/Year Supstr	2009/2009				Lot No.	3			
Bridge or Town Name	KILLAM				Inspector Name	Owen Salava			
Located Over	TRIBUTARY TO IRON CREEK, 5.16.3, WATERCRS-ST				Inspector Class	BR CLS A			
Located On	36:14 C1 61.477				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	16-Jul-2012			
Legal Land Location	NW SEC 21 TWP 43 RGE 13 W4M				Data Entry By	Marcia Chavez			
Longitude, Latitude	-111:50:32, 52:43:24				Data Entry Date	01-Aug-2012			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	John O'Brien			
Contract Main. Area	CMA16				Review Date	31-Jul-2012			
Clear Roadway/Skew	11.4 /				Dept. Reviewer Name	Andrew Smikles			
AADT/Year	1,400 / 2011 (A)				Dept. Review Date	02-Aug-2012			
Road Classification					Follow-Up By				
Detour Length (km)									
Allowable Load (t):	Single		Semi		Train				----> On Critical Spans ---->Critical Member
Design Loading:									----> 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)		In Advance (Y/N)			At Bridge (Y/N)	
Posted:	Lane	EB	At Junction (Y/N)		In Advance (Y/N)			At Bridge (Y/N)	
Remarks									
Hazard Marker At Bridge (Y/N)	No								
Remarks	Not required.								
Other Sign Types									
Utilities (Located at)									
Utility Attachments	GAS UTILITIES-GAS LINE								
Telephone					Gas	40m S.			
Power	2 o/h lines E fenceline, crossing 60m N.				Municipal				
Others	Control structure 50m NW.				Problem (Y/N)	No			
Remarks									
Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			7	7	At NW, 53.2m at NE, 57m at SW, 83.6m at SE.				
Vertical Alignment			7	7					
Roadway Width (m)	11.400								
Approach Bump			8	8					
Guardrail (Y/N)	Yes								
Guardrail			N	4					
Length (m)	45.600								
Current Standard (Y/N)	Yes								
Termination Type	Turned down								
Drainage			N	7					
Approach Road General Rating			7	7					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : SL, 1 Spans, Lengths(m): 8, A-Ident Number:)					
Special Features					
Special Feature			X		
(Type :)					
Special Feature			X		
(Type :)					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	
Last	15	0	0	0	
Now	0.0	0.0	0.0	0.0	
Wearing Surface			7	7	
(Material Type : MIX TYPE 1 ACP)					
(Thickness(mm) : 70)					
Lateral Connection Problem (Y/N)		No			
Deck Top			N	N	
Deck Rideability			8	8	
Deck Joints			N	N	
Bump (Y/N)		No		Fibreboard jnts paved over.	
Deck Drainage			N	7	
Drains Clogged (Y/N)					
Curbs/Median			X	X	
(Curb Type : Standard)					
Scaling (Percent Area)					
Bridge Rail			N	8	
(Type : GALVANIZED STEEL THRIE BEAM)					
Bridge Rail Posts			N	8	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)					
Bridge Rail/Posts Coating			N	8	
(Type : GALVANIZED)					
Sidewalk			X	X	
Girder Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last	0	0	0	0	
Now	0	0	0	0	
Girders			8	8	
Last Complete Inspection Date		16-Jul-2012			
Cracking (Y/N)		No			
Spalling (Percent Area)		0			
Lift or Connector Pocket Grouted (Y/N)				Pockets not visible, ACP covered.	
(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) : 1800)					
(Total Number of Caps/Corbels : 1:1)					
Bearing Seats/Caps/Corbels Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last	0	0	0	0	
Now	0	0	0	0	
Bearing Seats/Caps/Corbels			8	8	
(Type : GALVANIZED STEEL)					
(Depth(mm) : 300)					
(Width(mm) : 300)					
Backwalls/Breastwalls			8	8	
Greatest Height (m)		2.00			
Wingwalls			N	8	
(Total Number of Bearing Piles : 8:8)					
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last	0	0	0	0	
Now	0	0	0	0	
Piles			8	8	
Paint/Coating			8	8 Galvanized.	
Abutment Stability			8	8	
Scour/Erosion			N	8	
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 :)					

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		X	X	
Scour		N	N	
Debris (Y/N)	No			
Substructure General Rating		8	8	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				Killam Coulee Weir 40m u/s.
(D/S Direction : E)				
Alignment		6	6	
Bank Stability		N	6	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection		N	7	
(Type :)				
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		6	6	

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 NW guardrail, 2 sections, 1 post.					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	88.9/88.9	Sufficiency Rating (Last/Now) (%)	72.0/73.0	Est. Repl. Yr	2070	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	Jason Saly		Previous Assistant's Name				
Next Inspection Date	16-Apr-2014		Previous Inspection Date	09-Mar-2011			
Inspection Cycle (Default) (months)	21						
Comment							