

Bridge Inspection									
Bridge File Number	02150 -2 Bridge				Form Type	PCS			
Year Built/Year Supstr	2007/2007				Lot No.	4			
Bridge or Town Name	VOLMER				Inspector Name	Shane Hall			
Located Over	RIVIERE QUI BARRE, 6.65.14, WATERCRS-ST				Inspector Class	BR CLS A			
Located On	37:02 C1 28.081				Assistant Name	Melanie Johnson			
Water Body Cl./Year					Assistant Class	BR CLS B			
Navigabil. Cl./Year					Inspection Date	08-Nov-2011			
Legal Land Location	SE SEC 6 TWP 55 RGE 26 W4M				Data Entry By	Theresa Lacusta			
Longitude, Latitude	-113:51:09, 53:42:59				Data Entry Date	20-Nov-2011			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Eric Carcoux			
Contract Main. Area	CMA09				Review Date	13-Nov-2011			
Clear Roadway/Skew	12.4 / 15 deg. (RHF)				Dept. Reviewer Name	Brent Herrick			
AADT/Year	2,580 / 2010 (A)				Dept. Review Date	15-Dec-2011			
Road Classification	RAU-212.0-110				Follow-Up By				
Detour Length (km)	6								
Allowable Load (t):	Single	CS1 28	Semi	CS2 49					
Design Loading:	CS750						----> 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)	No								
Remarks	Not required								
Other Sign Types									

Utilities (Located at)									
Utility Attachments									
Telephone	Plowed in South r/w.				Gas				
Power	2 wires OH North r/w.				Municipal				
Others					Problem (Y/N)	No			
Remarks									

Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			7	7	Residential entrance 80m East. Road rises to bridge.				
Vertical Alignment			8	8					
Roadway Width (m)	13.600				Bump @ West approach				
Approach Bump			5	5					
Guardrail (Y/N)	Yes								
Guardrail			9	9					
Length (m)	37.200								
Current Standard (Y/N)	No								
Termination Type	Turned Down								
Drainage			7	7					
Approach Road General Rating			7	7					

Superstructure						
Bridge Component				Last	Now	Explanation of Condition
(Primary Span : SCC, 3 Spans, Lengths(m): 8.03-12.26-8.03, 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				9	9	
(Material Type : MIX TYPE 2 ACP)						
(Thickness(mm) : 80)						
Lateral Connection Problem (Y/N)	No					
Deck Top				N	N	
Deck Rideability				8	8	
Deck Joints				N	N	
Bump (Y/N)	No					
Deck Drainage				8	8	
Drains Clogged (Y/N)	No					
Curbs/Median				8	8	
(Curb Type : Standard)						
Scaling (Percent Area)	0					
Bridge Rail				9	9	
(Type : GALVANIZED STEEL BRIDGE TUBE)						
Bridge Rail Posts				9	9	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)						
Bridge Rail/Posts Coating				9	9	
(Type : GALVANIZED)						
Sidewalk				X	X	
Girder Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Girders				9	9	
Last Complete Inspection Date	08-Nov-2011					
Cracking (Y/N)	No					
Spalling (Percent Area)	0					
Lift or Connector Pocket Grouted (Y/N)	Yes					
(Number Of Girders : 33)						
Span Alignment Problems						
Vertical (Y/N)	No					
Horizontal (Y/N)	No					
Superstructure General Rating				9	9	

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) : 1000)						
(Width(mm) : 650)						
Backwalls/Breastwalls				9	9	
Greatest Height (m)		1.30				
Wingwalls				9	9	
(Total Number of Bearing Piles : 9:9)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last	18	0	0	0		
Now	18	0	0	0		
Piles				N	N	
Paint/Coating				X	X	
Abutment Stability				9	9	
Scour/Erosion				9	9	
Piers/Bents						
(Type : PIER-COLUMN)						
(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) : 1000)						
(Width(mm) : 850)						
(Total Number of Bearing Piles : 6:6)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Pier Shaft/Piles				9	9	
Greatest Height (m)		3.00				
Bracing/Struts/Sheathing				X	X	
Nose Plate				X	X	
Paint/Coating				9	9	Galvanized pier shafts. Grey pigmented sealer on pier caps.
(Colour Description :)						
(Colour Code :)						
Pier Stability				9	9	

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Scour		9	9	
Debris (Y/N)	No			
Substructure General Rating		9	9	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : N)				Channel takes major bend to NW to parallel road for short distance.
(D/S Direction : S)				
Alignment		7	7	
Bank Stability		7	7	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection		9	9	
(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							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	100.0/100.0	Sufficiency Rating (Last/Now) (%)	76.1/76.1	Est. Repl. Yr	2085	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	Shane Hall		Previous Assistant's Name				
Next Inspection Date	08-Aug-2013		Previous Inspection Date	23-Mar-2010			
Inspection Cycle (Default) (months)	21						
Comment							