

Bridge Inspection										
Bridge File Number	73687 -1 Bridge				Form Type	SG				
Year Built/Year Supstr	1997/1997				Lot No.	2				
Bridge or Town Name	WHITECOURT				Inspector Name	Eric Carcoux				
Located Over	GROAT CREEK, 8.11.107.6, WATERCRS-ST				Inspector Class	BR CLS A				
Located On	32:10 C1 18.061				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	14-Oct-2012				
Legal Land Location	NE SEC 22 TWP 58 RGE 13 W5M				Data Entry By	Theresa Lacusta				
Longitude, Latitude	-115:50:34, 54:01:57				Data Entry Date	16-Jan-2013				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Brian Pientsch				
Contract Main. Area	CMA12				Review Date	28-Dec-2012				
Clear Roadway/Skew	11 /				Dept. Reviewer Name	Paul Catt				
AADT/Year	1,950 / 2011 (A)				Dept. Review Date	18-Jan-2013				
Road Classification	RAU-209-110				Follow-Up By					
Detour Length (km)	80									
Allowable Load (t):	Single	CS1 28		Semi	CS2 49		Train	CS3 62		----> On Critical Spans ---->Critical Member
Design Loading:	CS750								----> 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									
Hazard Marker At Bridge (Y/N)		Yes							
Remarks		Too low, not to standard height.							
Other Sign Types		Max 100, Information.							

Utilities (Located at)									
Utility Attachments									
Telephone	West & East r/w.				Gas				
Power	1 wire East r/w.				Municipal				
Others	WSC - NE.				Problem (Y/N)	No			
Remarks	Conduit under deck between G1/G2 & G3/G4 full length.								

Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			6	6	Park entrance SW. Range road jct to NW and SE. Horizontal curve to North. No passing. At bottom of sag grade to the south.				
Vertical Alignment			6	6					
Roadway Width (m)		11.000			ACP cracked at approaches.				
Approach Bump			5	5					
Guardrail (Y/N)		Yes			At SW radius, other 3 corners are longer. Not thrie beam transition.				
Guardrail			5	5					
Length (m)		60.800							
Current Standard (Y/N)		No							
Termination Type		Turn Down							
Drainage			N	7					
Approach Road General Rating			6	6					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : WG, 1 Spans, Lengths(m): 34, A-Ident Number: A1272-01)					
Special Features					
Special Feature			X		
(Type :)					
Special Feature			X		
(Type :)					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	
Last	25	0	0	0	
Now					
Wearing Surface			4	4	Wearing off along wheel lines.
(Material Type : CONCRETE - CONVENTIONAL CHIP SEAL COAT)					
(Thickness(mm) : 50)					
Deck Top			N	X	
Deck Rideability			7	7	
Deck Joints			X	X	Girders are cast into semi-integral abutments. Type 3 joint between slabs and deck.
Temperature (deg. C)		1			
(Expansion Type :)					
(Fixed Type :)					
Gap Size (mm)		Gap Location			
Deck Drainage			N	4	No deck drains. Dirt in gutter impedes drainage. Seepage between deck and approach slabs.
Drains Clogged (Y/N)		No			
Curbs/Median			N	5	Medium vertical cracks @ 300mm.
(Curb Type : Standard)					
Scaling (Percent Area)		0			
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			9	8	
(Type : GALVANIZED)					
Sidewalk			X	X	
Girder/Beam					
Cover Plate			X	X	
Flange			9	8	
Web			9	8	
Stiffeners			9	8	
Splice			9	8	
Weld			9	8	
Diaphragms/Cross Frame			9	8	

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : WG, 1 Spans, Lengths(m): 34, A-Ident Number: A1272-01)				
Paint Condition		7	7	Weathering steel. Flakes peeling from top surface of bottom flange along exterior of outside girders. Graffiti @ outside face of A1G4.
(Colour Description :)				
(Colour Code :)				
Touchup Required (Y/N)	No			
Bearings		5	5	A1G1 bearing movement causing grout pad to crack.
Temperature (deg. C)	19			
(Expansion Type : REINFORCED PAD BEARING)				
(Fixed Type : REINFORCED PAD BEARING)				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside		6	5	Transverse cracks with efflorescence along exterior bays and under curbs.
Stains (Percent Area)	1			
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating		5	5	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps		6	6	Snow melt running down corners of backwall/wingwall. Ponding on seat, typical all corners - photo.-01-Feb-2009
(Type : CONCRETE)				
Backwalls/Breastwalls		6	6	Narrow cracks with efflorescence at few locations.
Wingwalls		8	7	
Piles		N	N	
Paint/Coating		4	4	NW wingwall coating peeling. Graffiti @ SW corner of A1.
Abutment Stability		9	8	
Scour/Erosion		9	8	
Piers/Bents				
(Type :)				
Bearing Seats/Caps		X	X	
(Type :)				
(Total Number of Bearing Piles :)				
Pier Shaft/Piles		X	X	
Bracing/Struts/Sheathing		X	X	
Nose Plate		X	X	
Paint/Coating		X	X	
(Colour Description :)				
(Colour Code :)				
Pier Stability		X	X	
Scour		X	X	
Debris (Y/N)	No			
Substructure General Rating		6	6	

Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment		5	5	
Bank Stability		6	6	
HWM (m below Top of Curb)	5.2			(Spring of 2007 water was 5.2m below top of curb. 10/May/2007) Logs against South bank well upstream of bridge.
Drift (Y/N)	Yes			
Slope Protection		8	7	Class 2 rock
(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		6	5	

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	Kris Bosters	Previous Assistant's Name	
Next Inspection Date	14-Jul-2014	Previous Inspection Date	15-Dec-2010
Inspection Cycle (Default) (months)	21		
Comment			