

Bridge Inspection									
Bridge File Number	78527 -1 Bridge				Form Type	PSR			
Year Built/Year Supstr	1984/1984				Lot No.	2			
Bridge or Town Name	LONGVIEW				Inspector Name	Garry Roberts			
Located Over	PEKISKO CREEK, 2.13.27.11.1, WATERCRS-ST				Inspector Class	BR CLS A			
Located On	22:10 C1 28.108				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	17-Jun-2012			
Legal Land Location	SE SEC 20 TWP 17 RGE 2 W5M				Data Entry By	Erin Roberts			
Longitude, Latitude	-114:14:19, 50:26:43				Data Entry Date	16-Jul-2012			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Joel Wozney			
Contract Main. Area	CMA27				Review Date	26-Jun-2012			
Clear Roadway/Skew	9.5 /				Dept. Reviewer Name	Tim Davies			
AADT/Year	1,850 / 2011 (A)				Dept. Review Date	17-Jul-2012			
Road Classification	RAU-209-110				Follow-Up By				
Detour Length (km)	20								
Allowable Load (t):	Single	CS1 28	Semi	CS2 49	Train	CS3 62	----> On Critical Spans ---->Critical Member		
Design Loading:	MS300						----> 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	Curve								

Utilities (Located at)									
Utility Attachments	TELEPHONE UTILITIES-PHONE LINE								
Telephone	West ROW.				Gas				
Power					Municipal				
Others					Problem (Y/N)	No			
Remarks									

Approach Road									
			<b>Last</b>	<b>Now</b>	<b>Explanation of Condition</b>				
Horizontal Alignment			7	6	Curve South.				
Vertical Alignment			7	7					
Roadway Width (m)	10.200								
Approach Bump			7	7					
Guardrail (Y/N)	Yes				Missing 2 transition bolts and 4 splice bolts at NE				
Guardrail			4	4	Not thriebeam				
Length (m)	34.000								
Current Standard (Y/N)	No								
Termination Type	TURNED DOWN								
Drainage			7	7					
<b>Approach Road General Rating</b>			<b>7</b>	<b>6</b>					

Superstructure						
Bridge Component		Last	Now	Explanation of Condition		
(Primary Span : DBT, 1 Spans, Lengths(m): 42, A-Ident Number: )						
<b>Special Features</b>						
Special Feature						
(Type : )						
Special Feature						
(Type : )						
Wearing Surface/Deck Top Detail Ratings						
	N (%)	1 (%)	2 (%)	3 (%)		
<b>Last</b>	0	0	0	0		
<b>Now</b>	0.0	0.0	0.0	0.0		
Wearing Surface			7	7	Narrow grout key cracks	
(Material Type : <b>CONCRETE</b> )						
(Thickness(mm) : <b>50</b> )						
Lateral Connection Problem (Y/N)	Yes					
Deck Top			N	N		
Deck Rideability			8	7		
Deck Joints			6	7		
Temperature (deg. C)		12				
(Expansion Type : <b>ARMoured GLAND (WABO UNDER FINGER OR SLIDING PLATES)</b> )						
(Fixed Type : )						
Gap Size (mm)		Gap Location				
50		North				
55		South				
Deck Drainage			7	7	No deck drains. Bridge on grade.	
Drains Clogged (Y/N)		No				
Curbs/Median			4	4	Narrow vertical cracks @ ends. Vertical cracks @ A/B on exterior of curb. Minor spall at NE and SE.	
(Curb Type : <b>Standard</b> )						
Scaling (Percent Area)		0				
Bridge Rail			7	7		
(Type : <b>BRIDGE TUBE</b> )						
Bridge Rail Posts			7	7		
(Type : <b>GALVANIZED POST STEEL;GALVANIZED POST STEEL</b> )						
Bridge Rail/Posts Coating			5	5		
(Type : )						
Sidewalk			X	X		
Girder Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
<b>Last</b>	0	0	0	0		
<b>Now</b>	0	0	0	0		
Girders			4	4	0.3mm wide x 530mm longitudinal crack running along 25mm above bulb near end block @ West fascia girder @ South abutment - marked. Cracks running diagonally through web typical of bulb T girders, 0.1 to 0.3mm. Marked @ 2nd girder from East @ South abutment @ end block West side - no growth. In narrow web area.	
Cracking (Y/N)		Yes				
Spalling (Percent Area)		0				
(Number Of Girders : <b>9</b> )						

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : DBT, 1 Spans, Lengths(m): 42, A-Ident Number: )				
Diaphragms/Cross Frame		8	8	
Bearings		8	8	
Temperature (deg. C)	12			
(Expansion Type : REINFORCED NEOPRENE BEARING WITH TEFLON AND STAINLESS STEEL)				
(Fixed Type : REINFORCED PAD BEARING)				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside		8	8	
Stains (Percent Area)	1			
<b>Span Alignment Problems</b>				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
<b>Superstructure General Rating</b>		<b>4</b>	<b>4</b>	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
<b>Abutments</b>				
Bearing Seats/Caps		8	8	
(Type : CONCRETE)				
Backwalls/Breastwalls		8	8	
Wingwalls		8	8	
Piles		N	N	Buried
Paint/Coating		6	6	
Abutment Stability		8	8	
Scour/Erosion		7	7	
<b>Piers/Bents</b>				
(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			
<b>Substructure General Rating</b>		<b>8</b>	<b>8</b>	

Structure Usage				
		Last	Now	Explanation of Condition
<b>Channel</b>				
(U/S Direction : <b>W</b> )				
(D/S Direction : <b>E</b> )				
Alignment		7	7	
Bank Stability		5	5	Vertical banks of channel -30m D/S & U/S
HWM (m below Top of Curb)	5.5			No visible HWM @ U/S & D/S - trees.
Drift (Y/N)	Yes			
Slope Protection		8	8	Class I @ South.
(Type : <b>RIP RAP; RIP RAP</b> )				
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 : <b>NONE</b> )				
(Fish Compensation Measure 2 : <b>NONE</b> )				
<b>Channel General Rating</b>		<b>7</b>	<b>7</b>	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL	2012	Install 2 - 5/8 x 3" transition bolts and 4 splices bolts					
GALVANIZE/PAINT BRIDGE RAIL							
SEAL CURBS	2012	Patch curb spall 0.03m3 grout					
PATCH DECK							
SEAL DECK							
OVERLAY DECK							
REPAIR/REPLACE DECK JOINTS							
RESET/ PAINT BEARINGS							
WASHING							
SHOTCRETE REPAIRS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
<b>Structural Condition Rating (Last/Now) (%)</b>	<b>66.7/66.7</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>60.0/60.1</b>	Est. Repl. Yr	2053	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	Garry Roberts		Previous Assistant's Name				
Next Inspection Date	17-Mar-2014		Previous Inspection Date	09-Oct-2010			
Inspection Cycle (Default) (months)	21						
Comment							