

Bridge Inspection										
Bridge File Number	76026 -2 Bridge				Form Type	SG				
Year Built/Year Supstr	2011/2011				Lot No.	2				
Bridge or Town Name	PEACE RIVER				Inspector Name	Brian Pientsch				
Located Over	WHITEMUD RIVER, 8.10.48, WATERCRS-ST				Inspector Class	BR CLS A				
Located On	743:02 C1 44.084				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	20-Mar-2013				
Legal Land Location	NW SEC 1 TWP 88 RGE 21 W5M				Data Entry By	Theresa Lacusta				
Longitude, Latitude	-117:13:01, 56:36:25				Data Entry Date	09-Apr-2013				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Eric Carcoux				
Contract Main. Area	CMA04				Review Date	03-Apr-2013				
Clear Roadway/Skew	9 / 0 deg.				Dept. Reviewer Name					
AADT/Year	120 / 2012 (A)				Dept. Review Date					
Road Classification	RCU-209-110				Follow-Up By					
Detour Length (km)	50									
Allowable Load (t):	Single	CS1 28	Semi	CS2 49	Train	CS3 62	----> On Critical Spans ---->Critical Member			
Design Loading:	CL800						----> Primary Span			

Posting Information									
Required Load Posting (t)	Single		Semi		Truck Train				
Posted Loading (t)	Single		19.0	Semi	33.0	Truck Train	49.0		
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)	Yes	In Advance (Y/N)	No	At Bridge (Y/N)	No	
Remarks	Not required.-Old sign @ RR 214 & SH 743 needs to be removed.								
Hazard Marker At Bridge (Y/N)	No								
Remarks	Not req'd.								
Other Sign Types									

Utilities (Located at)										
Utility Attachments										
Telephone					Gas					
Power					Municipal					
Others					Problem (Y/N)	No				
Remarks										

Approach Road									
			<b>Last</b>	<b>Now</b>	<b>Explanation of Condition</b>				
Horizontal Alignment			4	4	Road winds down valley-sharp curves. Steep grade +8%				
Vertical Alignment			4	4					
Roadway Width (m)	9.000				Snow covered Northwest corner.				
Approach Bump			9	9					
Guardrail (Y/N)	Yes								
Guardrail			9	N					
Length (m)	47.000								
Current Standard (Y/N)	Yes								
Termination Type	TURNED DOWN ENDS								
Drainage			9	9					
<b>Approach Road General Rating</b>			<b>4</b>	<b>4</b>					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : <b>WG, 3 Spans, Lengths(m): 18-25-18, A-Ident Number: )</b>					
<b>Special Features</b>					
Special Feature			X		
(Type : )					
Special Feature			X		
(Type : )					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	
<b>Last</b>					
<b>Now</b>	100.0				
Wearing Surface			X	X	
(Material Type : )					
(Thickness(mm) : )					
Deck Top			9	N	Snow covered
Deck Rideability			9	9	
Deck Joints			X	X	
Temperature (deg. C)		-4			
(Expansion Type : )					
(Fixed Type : )					
Gap Size (mm)		Gap Location			
Deck Drainage			9	9	
Drains Clogged (Y/N)		No			
Curbs/Median			9	N	Snow covered
(Curb Type : <b>Standard</b> )					
Scaling (Percent Area)					
Bridge Rail			9	N	Snow covered
(Type : <b>GALVANIZED STEEL BRIDGE TUBE</b> )					
Bridge Rail Posts			9	N	
(Type : <b>GALVANIZED POST STEEL;GALVANIZED POST STEEL</b> )					
Bridge Rail/Posts Coating			9	N	
(Type : <b>GALVANIZED</b> )					
Sidewalk			X	X	
<b>Girder/Beam</b>					
Cover Plate			X	X	
Flange			9	9	
Web			9	9	
Stiffeners			9	9	
Splice			9	9	
Weld			9	9	
Diaphragms/Cross Frame			9	9	

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : <b>WG, 3 Spans, Lengths(m): 18-25-18, A-Ident Number: )</b>				
Paint Condition		9	9	weathering steel
(Colour Description : )				
(Colour Code : )				
Touchup Required (Y/N)	No			
Bearings		9	9	
Temperature (deg. C)	-4			
(Expansion Type : <b>REINFORCED NEOPRENE BEARING WITH TEFLON AND STAINLESS STEEL</b> )				
(Fixed Type : <b>REINFORCED PAD BEARING</b> )				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside		9	9	
Stains (Percent Area)				
<b>Span Alignment Problems</b>				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
<b>Superstructure General Rating</b>		<b>9</b>	<b>9</b>	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
<b>Abutments</b>				
Bearing Seats/Caps		9	9	
(Type : <b>CONCRETE</b> )				
Backwalls/Breastwalls		9	9	
Wingwalls		9	9	
Piles		N	N	
Paint/Coating		9	9	
Abutment Stability		9	9	
Scour/Erosion		9	9	
<b>Piers/Bents</b>				
(Type : <b>PIER-COLUMN</b> )				
Bearing Seats/Caps		9	9	
(Type : <b>CONCRETE</b> )				
(Total Number of Bearing Piles : <b>4:4</b> )				
Pier Shaft/Piles		9	9	
Bracing/Struts/Sheathing		9	9	
Nose Plate		X	X	
Paint/Coating		7	7	galvanized
(Colour Description : )				
(Colour Code : )				
Pier Stability		9	9	
Scour		9	9	
Debris (Y/N)	No			

Substructure				
Bridge Component		Last	Now	Explanation of Condition
<b>Substructure General Rating</b>		<b>9</b>	<b>9</b>	
Structure Usage				
		Last	Now	Explanation of Condition
<b>Channel</b>				
(U/S Direction : <b>S</b> )				
(D/S Direction : <b>N</b> )				
Alignment		9	9	
Bank Stability		5	5	Cut banks upstream
HWM (m below Top of Curb)				No HWM visible
Drift (Y/N)	Yes			
Slope Protection		9	9	
(Type : <b>RIP RAP; RIP RAP</b> )				
Guidebank/Spurs		X	X	
Adequacy of Opening		9	9	
(Fish Compensation Measure 1 : <b>NONE</b> )				
(Fish Compensation Measure 2 : <b>NONE</b> )				
<b>Channel General Rating</b>		<b>5</b>	<b>9</b>	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
GALVANIZE/PAINT BRIDGE RAIL							
RETROFIT BRIDGE RAIL							
SEAL CURBS							
PATCH DECK							
SEAL DECK							
OVERLAY DECK							
REPAIR/REPLACE DECK JOINTS							
RESET/ PAINT BEARINGS							
REPAINT SUPERSTRUCTURE							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
SHOTCRETE REPAIRS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION	2013	Remove advance restricted loading sign @ RR 214 & HWY 743 intersection.					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
<b>Structural Condition Rating (Last/Now) (%)</b>	<b>100.0/100.0</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>72.9/77.9</b>	Est. Repl. Yr	2086	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	Brian Pientsch		Previous Assistant's Name				
Next Inspection Date	20-Jun-2016		Previous Inspection Date	27-Sep-2011			
Inspection Cycle (Default) (months)	39						
Comment							