

Bridge Inspection									
Bridge File Number	76472 -1 Bridge					Form Type	SG		
Year Built/Year Supstr	1975/1975					Lot No.	4		
Bridge or Town Name	PEACE RIVER					Inspector Name	Brian Pientsch		
Located Over	RAMP 73-1 B					Inspector Class	BR CLS A		
Located On	TRAIL-PED, ON 50000 PS					Assistant Name			
Water Body Cl./Year						Assistant Class			
Navigabil. Cl./Year						Inspection Date	14-Dec-2012		
Legal Land Location	SW SEC 32 TWP 83 RGE 21 W5M					Data Entry By	Theresa Lacusta		
Longitude, Latitude	-117:17:23, 56:14:20					Data Entry Date	09-Jan-2013		
Road Authority	Alberta Transportation (AIT)					Reviewer Name	Eric Carcoux		
Contract Main. Area	CMA04					Review Date	08-Jan-2013		
Clear Roadway/Skew	1.8 /					Dept. Reviewer Name	David Morrison		
AADT/Year						Dept. Review Date	21-Mar-2013		
Road Classification	RCU-208-110					Follow-Up By			
Detour Length (km)	999								
Allowable Load (t):	Single		Semi		Train		----> On Critical Spans ---->Critical Member		
Design Loading:							----> Primary Span		

Posting Information												
Required Vert. Clearance Posting (m)	UNDER: 73-1-B 5.7m											
Posted Vertical Clearance (Y/N)												
Posted:	Lane	EB	On Bridge (m)		In Advance (Y/N)	No	Lane	WB	On Bridge (m)		In Advance (Y/N)	No
Remarks												
Required Load Posting (t)	Single				Semi				Truck Train			
Posted Loading (t)	Single				Semi				Truck Train			
Posted:	Lane	EB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No				
Posted:	Lane	WB	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											
Other Sign Types											

Utilities (Located at)											
Utility Attachments											
Telephone	Buried N approach					Gas					
Power	Buried power N approach					Municipal					
Others						Problem (Y/N)					
Remarks											

Approach Road				
		Last	Now	Explanation of Condition
Horizontal Alignment		7	7	Pedestrian grade seperation over Hwy off ramp into Peace River.
Vertical Alignment		7	7	
Roadway Width (m)	1.800			
Approach Bump		7	7	
Guardrail (Y/N)	No			
Guardrail		X	X	
Length (m)				
Current Standard (Y/N)				
Termination Type				
Drainage		7	7	
<b>Approach Road General Rating</b>		<b>7</b>	<b>7</b>	

Superstructure						
Bridge Component		Last	Now	Explanation of Condition		
(Primary Span : FR, 1 Spans, Lengths(m): 43.3, A-Ident Number: A0601-01)						
<b>Special Features</b>						
Special Feature			X			
(Type : )						
Special Feature			X			
(Type : )						
Wearing Surface/Deck Top Detail Ratings						
	N (%)	1 (%)	2 (%)	3 (%)	Snow covered	
<b>Last</b>						
<b>Now</b>	100.0					
Wearing Surface			X	X		
(Material Type : )						
(Thickness(mm) : )						
Deck Top			7	N		
Deck Rideability			7	7		
Deck Joints			4	N		
Temperature (deg. C)		-5		Compression seal starting to squeeze out - N. abut. joint. Does not appear to be a seal in the S. abut. joint.-25-Oct-2007  Ice covered.		
(Expansion Type : )						
(Fixed Type : )						
Gap Size (mm)		Gap Location				
21		North				
30		South				
Deck Drainage			8	8	Arched - good drainage.	
Drains Clogged (Y/N)						
Curbs/Median			X	X		
(Curb Type : <b>None</b> )						
Scaling (Percent Area)						
Bridge Rail			6	6	MINOR BEND @ BOTTOM OF RAIL @ SW & NE CORNERS  20% rust spots.	
(Type : )						
Bridge Rail Posts			7	7		
(Type : <b>POST STEEL;POST STEEL</b> )						
Bridge Rail/Posts Coating			4	4		
(Type : <b>PAINT</b> )						
Sidewalk			X	X		
<b>Girder/Beam</b>						
Cover Plate			X	X		
Flange			7	7		
Web			7	7		
Stiffeners			7	7		
Splice			7	7		
Weld			7	7		
Diaphragms/Cross Frame			7	7		

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : FR, 1 Spans, Lengths(m): 43.3, A-Ident Number: A0601-01)				
Paint Condition		4	4	Edges of flanges rusting.
(Colour Description : <b>YELLOW</b> )				
(Colour Code : <b>13538</b> )				
Touchup Required (Y/N)	No			
Bearings		6	6	
Temperature (deg. C)	5			
(Expansion Type : <b>SLIDING PLATE</b> )				
(Fixed Type : <b>PINNED BEARING</b> )				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside		7	7	
Stains (Percent Area)	0			
<b>Span Alignment Problems</b>				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
<b>Superstructure General Rating</b>		<b>6</b>	<b>6</b>	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
<b>Abutments</b>				
Bearing Seats/Caps		6	6	
(Type : <b>CONCRETE</b> )				
Backwalls/Breastwalls		6	6	
Wingwalls		X	X	
Piles		N	N	
Paint/Coating		X	X	
Abutment Stability		8	8	
Scour/Erosion		X	X	
<b>Piers/Bents</b>				
(Type : )				snow covered..
Bearing Seats/Caps		7	N	
(Type : )				
(Total Number of Bearing Piles : )				
Pier Shaft/Piles		N	N	
Bracing/Struts/Sheathing		X	X	
Nose Plate		X	X	
Paint/Coating		4	4	edges rusting and 5% pin hole rust spots.
(Colour Description : )				
(Colour Code : )				
Pier Stability		7	7	
Scour		X	X	
Debris (Y/N)	No			
<b>Substructure General Rating</b>		<b>6</b>	<b>6</b>	

Structure Usage				
		Last	Now	Explanation of Condition
<b>Grade Separation</b>				
Road Alignment		7	7	
Traffic Safety Features		5	5	
Type	CHAIN LINK			
Slope Protection		7	7	
(Type : )				
Bank Stability		7	7	
Drainage		7	7	
<b>Grade Separation General Rating</b>		<b>5</b>	<b>5</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							
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>76.7/80.9</b>	Est. Repl. Yr	2030	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	Eric Carcoux		Previous Assistant's Name				
Next Inspection Date	14-Sep-2017		Previous Inspection Date	25-Oct-2007			
Inspection Cycle (Default) (months)	57						
Comment							