

Bridge Inspection											
Bridge File Number	79477 -1 Bridge					Form Type	PSR				
Year Built/Year Supstr	1983/1983					Lot No.					
Bridge or Town Name	GRANDE PRAIR					Inspector Name	Eric Carcoux				
Located Over	MUNICIPAL					Inspector Class	BR CLS A				
Located On	40:42 C1 26.271					Assistant Name					
Water Body Cl./Year						Assistant Class					
Navigabil. Cl./Year						Inspection Date	09-Jan-2013				
Legal Land Location	SW SEC 19 TWP 70 RGE 5 W6M					Data Entry By	Theresa Lacusta				
Longitude, Latitude	-118:45:13, 55:04:19					Data Entry Date	09-Jan-2013				
Road Authority	Alberta Transportation (AIT)					Reviewer Name					
Contract Main. Area	CMA05					Review Date					
Clear Roadway/Skew	13.7 / -29 deg. (LHF)					Dept. Reviewer Name					
AADT/Year	2,710 / 2012 (A)					Dept. Review Date					
Road Classification	RAU-213.4-120					Follow-Up By					
Detour Length (km)	75										
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 Vert. Clearance Posting (m)					UNDER: MUNICIPAL 8.0m							
Posted Vertical Clearance (Y/N)												
Posted:	Lane	NB	On Bridge (m)		In Advance (Y/N)		Lane	SB	On Bridge (m)		In Advance (Y/N)	
Remarks												
Required Load Posting (t)			Single		Semi		Truck Train					
Posted Loading (t)			Single		Semi		Truck Train					
Posted:	Lane	NB	At Junction (Y/N)			In Advance (Y/N)			At Bridge (Y/N)			
Posted:	Lane	SB	At Junction (Y/N)			In Advance (Y/N)			At Bridge (Y/N)			
Remarks												

Hazard Marker At Bridge (Y/N)											
Remarks											
Other Sign Types											

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

Approach Road				
	Last	Now	Explanation of Condition	
Horizontal Alignment	7			
Vertical Alignment	6			
Roadway Width (m)				
Approach Bump	7			
Guardrail (Y/N)				
Guardrail	N			
Length (m)				
Current Standard (Y/N)				
Termination Type				
Drainage	7			
<b>Approach Road General Rating</b>	<b>6</b>			

Superstructure				
Bridge Component	Last	Now	Explanation of Condition	
(Primary Span : RM, 1 Spans, Lengths(m): 22, 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>	5	0	0	95
<b>Now</b>				
Wearing Surface		3		
(Material Type : <b>CONCRETE - CONVENTIONAL CHIP SEAL COAT</b> )				
(Thickness(mm) : <b>50</b> )				
Lateral Connection Problem (Y/N)				
Deck Top		7		
Deck Rideability		7		
Deck Joints		3		
Temperature (deg. C)				
(Expansion Type : <b>ARMoured GLAND (WABO UNDER FINGER OR SLIDING PLATES)</b> )				
(Fixed Type : )				
Gap Size (mm)	Gap Location			
Deck Drainage		8		
Drains Clogged (Y/N)				
Curbs/Median		3		
(Curb Type : <b>Standard</b> )				
Scaling (Percent Area)				
Bridge Rail		7		
(Type : <b>GALVANIZED STEEL TUBE BEAM TYPE 1</b> )				
Bridge Rail Posts		7		
(Type : <b>GALVANIZED POST STEEL; GALVANIZED POST STEEL</b> )				
Bridge Rail/Posts Coating		7		
(Type : <b>GALVANIZED</b> )				
Sidewalk		X		
Girder Detail Ratings				
	N (count)	1 (count)	2 (count)	3 (count)
<b>Last</b>	0	0	0	0
<b>Now</b>				

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : RM, 1 Spans, Lengths(m): 22, A-Ident Number: )				
Girders		4		
Cracking (Y/N)				
Spalling (Percent Area)				
(Number Of Girders : 12)				
Diaphragms/Cross Frame		X		
Bearings		7		
Temperature (deg. C)				
(Expansion Type : REINFORCED NEOPRENE BEARING WITH TEFLON AND STAINLESS STEEL)				
(Fixed Type : REINFORCED PAD BEARING)				
Coating Adequate (Y/N)				
Functioning (Y/N)				
Deck Underside		6		
Stains (Percent Area)				
<b>Span Alignment Problems</b>				
Vertical (Y/N)				
Horizontal (Y/N)				
<b>Superstructure General Rating</b>		<b>4</b>		
Substructure				
Bridge Component		Last	Now	Explanation of Condition
<b>Abutments</b>				
Bearing Seats/Caps		6		
(Type : CONCRETE)				
Backwalls/Breastwalls		7		
Wingwalls		6		
Piles		N		
Paint/Coating		6		
Abutment Stability		7		
Scour/Erosion		7		
<b>Piers/Bents</b>				
(Type : )				
Bearing Seats/Caps		X		
(Type : )				
(Total Number of Bearing Piles : )				
Pier Shaft/Piles		X		
Bracing/Struts/Sheathing		X		
Nose Plate		X		
Paint/Coating		X		
(Colour Description : )				
(Colour Code : )				
Pier Stability		X		
Scour		X		

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Debris (Y/N)				
<b>Substructure General Rating</b>		<b>6</b>		
Structure Usage				
		Last	Now	Explanation of Condition
<b>Grade Separation</b>				
Road Alignment		8		
Traffic Safety Features		X		
Type				
Slope Protection		X		
(Type : )				
Bank Stability		8		
Drainage		8		
<b>Grade Separation General Rating</b>		<b>8</b>		

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
GALVANIZE/PAINT BRIDGE RAIL							
SEAL CURBS							
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>55.6/</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>60.6/</b>	Est. Repl. Yr		Maint. Req. (Y/N)	
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	Russel Vanderschaaf			
Next Inspection Date	09-Oct-2014		Previous Inspection Date	24-Nov-2010			
Inspection Cycle (Default) (months)	21						
Comment							