

Bridge Inspection										
Bridge File Number	82261 W-2 Bridge					Form Type	PSR			
Year Built/Year Supstr	2002/2002					Lot No.				
Bridge or Town Name	GRANDE PRAIR					Inspector Name	Eric Carcoux			
Located Over	2:72 R1 28.968;2:72 L1 28.930;43:03 R1 11.174;43:03 L1 11.109					Inspector Class	BR CLS A			
Located On	43:04 L1 0.000;43X:03 L1 4.023					Assistant Name				
Water Body Cl./Year						Assistant Class				
Navigabil. Cl./Year						Inspection Date	29-Apr-2013			
Legal Land Location	SE SEC 14 TWP 72 RGE 6 W6M					Data Entry By	Theresa Lacusta			
Longitude, Latitude	-118:47:45, 55:13:45					Data Entry Date	29-Apr-2013			
Road Authority	Alberta Transportation (AIT)					Reviewer Name				
Contract Main. Area	CMA05					Review Date				
Clear Roadway/Skew	14.9 /					Dept. Reviewer Name				
AADT/Year	2,830 / 2012 (A)					Dept. Review Date				
Road Classification	RAD-412.4-120					Follow-Up By				
Detour Length (km)	1									
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 Vert. Clearance Posting (m)		UNDER: 2 L1 5.6m, 2 R1 5.9m								
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	EB	At Junction (Y/N)		In Advance (Y/N)		At Bridge (Y/N)			
Posted:	Lane	WB	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	POWER UTILITIES-POWER LINE								
Telephone						Gas			
Power						Municipal			
Others						Problem (Y/N)			
Remarks									

Approach Road									
				Last	Now	Explanation of Condition			
Horizontal Alignment				7					
Vertical Alignment				8					
Roadway Width (m)									
Approach Bump				6					
Guardrail (Y/N)									
Guardrail Length (m)				6					
Current Standard (Y/N)									
Termination Type									
Drainage				N					
Approach Road General Rating				7					

Superstructure				
Bridge Component	Last	Now	Explanation of Condition	
(Primary Span : CBC, 2 Spans, Lengths(m): 38-38, A-Ident Number:)				
Special Features				
Special Feature				
(Type :)				
Special Feature				
(Type :)				
Wearing Surface/Deck Top Detail Ratings				
	N (%)	1 (%)	2 (%)	3 (%)
Last	60			
Now				
Wearing Surface		N		
(Material Type : CONCRETE)				
(Thickness(mm) : 50)				
Lateral Connection Problem (Y/N)				
Deck Top		N		
Deck Rideability		8		
Deck Joints		7		
Temperature (deg. C)				
(Expansion Type : GLAND (SILICON SEAL))				
(Fixed Type : GLAND (SILICON SEAL))				
Gap Size (mm)		Gap Location		
Deck Drainage		8		
Drains Clogged (Y/N)				
Curbs/Median		N		
(Curb Type : Standard)				
Scaling (Percent Area)				
Bridge Rail		8		
(Type : GALVANIZED STEEL BRIDGE TUBE)				
Bridge Rail Posts		8		
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)				
Bridge Rail/Posts Coating		8		
(Type : GALVANIZED)				
Sidewalk		X		
Girder Detail Ratings				
	N (count)	1 (count)	2 (count)	3 (count)
Last				
Now				
Girders		4		
Cracking (Y/N)				
Spalling (Percent Area)				
(Number Of Girders : 16)				

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : CBC, 2 Spans, Lengths(m): 38-38, A-Ident Number:)				
Diaphragms/Cross Frame		8		
Bearings		8		
Temperature (deg. C)				
(Expansion Type : REINFORCED PAD BEARING)				
(Fixed Type : REINFORCED PAD BEARING)				
Coating Adequate (Y/N)				
Functioning (Y/N)				
Deck Underside		8		
Stains (Percent Area)				
Span Alignment Problems				
Vertical (Y/N)				
Horizontal (Y/N)				
Superstructure General Rating		4		
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps		8		
(Type : CONCRETE)				
Backwalls/Breastwalls		8		
Wingwalls		6		
Piles		N		
Paint/Coating		4		
Abutment Stability		7		
Scour/Erosion		X		
Piers/Bents				
(Type : PIER-COLUMN)				
Bearing Seats/Caps		8		
(Type : CONCRETE)				
(Total Number of Bearing Piles : 3)				
Pier Shaft/Piles		8		
Bracing/Struts/Sheathing		X		
Nose Plate		X		
Paint/Coating		8		
(Colour Description :)				
(Colour Code :)				
Pier Stability		8		
Scour		X		
Debris (Y/N)				
Substructure General Rating		7		

Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment		8		
Traffic Safety Features		5		
Type				
Slope Protection		N		
(Type : CONCRETE)				
Bank Stability		7		
Drainage		N		
Grade Separation General Rating		4		

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							
Structural Condition Rating (Last/Now) (%)	61.1/	Sufficiency Rating (Last/Now) (%)	58.0/	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				
Next Inspection Date	29-Jan-2015		Previous Inspection Date	29-Nov-2012			
Inspection Cycle (Default) (months)	21						
Comment							