

Bridge Inspection										
Bridge File Number	13990 W-2 Bridge				Form Type	PCS				
Year Built/Year Supstr	1997/1997				Lot No.					
Bridge or Town Name	GRANDE PRAIR				Inspector Name	Eric Carcoux				
Located Over	BEAR RIVER, 8.10.58.18.2, WATERCRS-ST				Inspector Class	BR CLS A				
Located On	43:03 L1 4.467				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	29-Apr-2013				
Legal Land Location	NW SEC 26 TWP 71 RGE 6 W6M				Data Entry By	Theresa Lacusta				
Longitude, Latitude	-118:49:12, 55:10:54				Data Entry Date	29-Apr-2013				
Road Authority	Alberta Transportation (AIT)				Reviewer Name					
Contract Main. Area	CMA05				Review Date					
Clear Roadway/Skew	10.8 / 1 deg. (RHF)				Dept. Reviewer Name					
AADT/Year	28,640 / 2012 (A)				Dept. Review Date					
Road Classification	RAD-412.4-120				Follow-Up By					
Detour Length (km)	3									
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 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	TELEPHONE UTILITIES-PHONE 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			7						
Guardrail (Y/N)									
Guardrail			7						
Length (m)									
Current Standard (Y/N)									
Termination Type									
Drainage			7						
<b>Approach Road General Rating</b>			<b>7</b>						

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : <b>SCC, 3 Spans, Lengths(m): 14-14-14, A-Ident Number: )</b>				
<b>Special Features</b>				
Special Feature				
(Type : )				
Special Feature				
(Type : )				
<b>Wearing Surface/Deck Top Detail Ratings</b>				
	N (%)	1 (%)	2 (%)	3 (%)
<b>Last</b>				
<b>Now</b>				
Wearing Surface			7	
(Material Type : <b>ACP</b> )				
(Thickness(mm) : <b>50</b> )				
Lateral Connection Problem (Y/N)				
Deck Top			N	
Deck Rideability			8	
Deck Joints			8	
Bump (Y/N)				
Deck Drainage			7	
Drains Clogged (Y/N)				
Curbs/Median			6	
(Curb Type : <b>Standard</b> )				
Scaling (Percent Area)				
Bridge Rail			8	
(Type : <b>GALVANIZED STEEL BRIDGE TUBE</b> )				
Bridge Rail Posts			8	
(Type : <b>GALVANIZED POST STEEL</b> )				
Bridge Rail/Posts Coating			8	
(Type : <b>GALVANIZED</b> )				
Sidewalk			X	
<b>Girder Detail Ratings</b>				
	N (count)	1 (count)	2 (count)	3 (count)
<b>Last</b>				
<b>Now</b>				
Girders			8	
Last Complete Inspection Date				
Cracking (Y/N)				
Spalling (Percent Area)				
Lift or Connector Pocket Grouted (Y/N)				
(Number Of Girders : <b>10</b> )				
<b>Span Alignment Problems</b>				
Vertical (Y/N)				
Horizontal (Y/N)				
<b>Superstructure General Rating</b>			<b>8</b>	

Substructure					
Bridge Component		Last	Now	Explanation of Condition	
<b>Abutments</b>					
(Extended Backwall Piles (Y/N) : <b>N</b> )					
(Extended Backwall Piles Spacing(mm) : )					
(Total Number of Caps/Corbels : <b>1:1</b> )					
Bearing Seats/Caps/Corbels Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
<b>Last</b>					
<b>Now</b>					
Bearing Seats/Caps/Corbels				8	
(Type : <b>CONCRETE</b> )					
(Depth(mm) : <b>700</b> )					
(Width(mm) : <b>1000</b> )					
Backwalls/Breastwalls				6	
Greatest Height (m)					
Wingwalls				6	
(Total Number of Bearing Piles : <b>0:0</b> )					
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
<b>Last</b>	100	0	0	0	
<b>Now</b>					
Piles				N	
Paint/Coating				8	
Abutment Stability				8	
Scour/Erosion				8	
<b>Piers/Bents</b>					
(Type : <b>PIER-COLUMN</b> )					
(Total Number of Caps/Corbels : <b>1:1</b> )					
Bearing Seats/Caps/Corbels Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
<b>Last</b>					
<b>Now</b>					
Bearing Seats/Caps/Corbels				8	
(Type : <b>CONCRETE</b> )					
(Depth(mm) : )					
(Width(mm) : )					
(Total Number of Bearing Piles : <b>3:3</b> )					
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
<b>Last</b>	2	0	0	0	
<b>Now</b>					
Pier Shaft/Piles				N	
Greatest Height (m)					
Bracing/Struts/Sheathing				X	
Nose Plate				X	
Paint/Coating				6	
(Colour Description : )					
(Colour Code : )					

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		5		
Scour		8		
Debris (Y/N)				
<b>Substructure General Rating</b>		<b>3</b>		
Structure Usage				
		Last	Now	Explanation of Condition
<b>Channel</b>				
(U/S Direction : <b>W</b> )				
(D/S Direction : <b>E</b> )				
Alignment		8		
Bank Stability		8		
HWM (m below Top of Curb)				
Drift (Y/N)				
Slope Protection		8		
(Type : <b>GABION; GABION</b> )				
Guidebank/Spurs		8		
Adequacy of Opening		8		
(Fish Compensation Measure 1 : <b>NONE</b> )				
(Fish Compensation Measure 2 : <b>NONE</b> )				
<b>Channel General Rating</b>		<b>8</b>		

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
SEAL CURBS							
PATCH DECK							
OVERLAY DECK							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
SHOTCRETE REPAIRS							
CORE TIMBER CAPS/CORBELS							
REPAIR/REPLACE TIMBER CAPS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
INSTALL STRUTS							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
<b>Structural Condition Rating (Last/Now) (%)</b>	<b>61.1/</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>59.7/</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	Brian Cote			
Next Inspection Date	29-Jan-2015		Previous Inspection Date	05-Jul-2011			
Inspection Cycle (Default) (months)	21						
Comment							