

Bridge Inspection							
Bridge File Number	08347 -1 Bridge			Form Type	PCS		
Year Built/Year Supstr	1961/1961			Lot No.	1		
Bridge or Town Name	PLAMONDON			Inspector Name	Eric Carcoux		
Located Over	PLAMONDON CREEK, 8.11.55.9.1, WATERCRS-ST			Inspector Class	BR CLS A		
Located On	858:02 C1 3.508			Assistant Name			
Water Body Cl./Year				Assistant Class			
Navigabil. Cl./Year				Inspection Date	30-Mar-2010		
Legal Land Location	SW SEC 2 TWP 68 RGE 16 W4M			Data Entry By	Theresa Lacusta		
Longitude, Latitude	-112:20:40, 54:51:06			Data Entry Date	27-Apr-2010		
Road Authority	Alberta Transportation (AIT)			Reviewer Name	Arnold Assenheimer		
Contract Main. Area	CMA08			Review Date	19-Apr-2010		
Clear Roadway/Skew	8.2 /			Dept. Reviewer Name	Brent Herrick		
AADT/Year	1,340 / 2009 (A)			Dept. Review Date	03-May-2010		
Road Classification	RCU-209-110			Follow-Up By			
Detour Length (km)	50						
Allowable Load (t):	Single	CS1 28 GIRDER	Semi	CS2 49 GIRDER	Train	CS3 62 GIRDER	----> On Critical Spans ---->Critical Member
Design Loading:	HS20						----> Primary Span

Posting Information							
Required Load Posting (t)	Single				Semi		Truck Train
Posted Loading (t)	Single				Semi		Truck Train
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)	No	In Advance (Y/N)	No	At Bridge (Y/N) No
Remarks							

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

Utilities (Located at)			
Utility Attachments			
Telephone			Gas 60.0m West of c/l.
Power	8 wires 8.0m East of c/l.		Municipal Walk bridge 9.0m East of c/l.
Others			Problem (Y/N) No
Remarks			

Approach Road				
		Last	Now	Explanation of Condition
Horizontal Alignment		8	8	North end of village.
Vertical Alignment		6	6	Long grade to the North.
Roadway Width (m)	8.200			
Approach Bump		6	6	
Guardrail (Y/N)	Yes			11.8m at NW/SW, 4.3m @ NE/SE on 45 degree.
Guardrail		5	5	
Length (m)	4.300			
Current Standard (Y/N)	No			
Termination Type	Bulb End			
Drainage		N	6	
Approach Road General Rating		6	6	

Superstructure						
Bridge Component		Last	Now	Explanation of Condition		
(Primary Span : HH, 1 Spans, Lengths(m): 6.1, A-Ident Number:)						
Special Features						
Special Feature			X			
(Type :)						
Special Feature			X			
(Type :)						
Wearing Surface/Deck Top Detail Ratings						
	N (%)	1 (%)	2 (%)	3 (%)		
Last	100					
Now						
Wearing Surface			N	X		
(Material Type :)						
(Thickness(mm) :)						
Lateral Connection Problem (Y/N)		No				
Deck Top			N	6		
Deck Rideability			7	7		
Deck Joints			N	5	Baffle angle 300mm section missing @ S. end, near cl.	
Bump (Y/N)		No				
Deck Drainage			N	6		
Drains Clogged (Y/N)		No				
Curbs/Median			N	5	Chips at ends from plows catching ends.	
(Curb Type : Standard)						
Scaling (Percent Area)		20				
Bridge Rail			7	7	Single layer.	
(Type : GALVANIZED STEEL FLEX BEAM)						
Bridge Rail Posts			N	6		
(Type :)						
Bridge Rail/Posts Coating			6	6		
(Type : GALVANIZED)						
Sidewalk			X	X		
Girder Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last				3		
Now	0	0	0	4		
Girders			3	3	Spalling and longitudinal cracking with defects in both legs, in az of all girders.	
Last Complete Inspection Date		30-Mar-2010				
Cracking (Y/N)		Yes				
Spalling (Percent Area)		25				
Lift or Connector Pocket Grouted (Y/N)		Yes				
(Number Of Girders : 10)						
Span Alignment Problems						
Vertical (Y/N)		No				
Horizontal (Y/N)		No				
Superstructure General Rating			3	3		

Substructure						
Bridge Component				Last	Now	Explanation of Condition
Abutments						
(Extended Backwall Piles (Y/N) : Y)						
(Extended Backwall Piles Spacing(mm) :)						
Top plank broken @ NW. Top 2 planks @ SW wingwall have come loose. Tip tops on wingwall piles in disrepair.						
(Total Number of Caps/Corbels : 3:3)						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last					Caps and subcaps. Caps are shimmed with 150 x 305 length just short of caps.	
Now						
Bearing Seats/Caps/Corbels				7	7	
(Type : TREATED TIMBER)						
(Depth(mm) : 300)						
(Width(mm) : 300)						
Backwalls/Breastwalls				6	6	4
Greatest Height (m)		2.25				
Wingwalls				4	4	
(Total Number of Bearing Piles : 9:9)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)	A1P1 split-photo	
Last						
Now						
Piles				4	4	
Paint/Coating				X	X	
Abutment Stability				5	5	
Scour/Erosion				N	5	
Piers/Bents						
(Type :)						
(Total Number of Caps/Corbels :)						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Bearing Seats/Caps/Corbels				X	X	
(Type :)						
(Depth(mm) :)						
(Width(mm) :)						
(Total Number of Bearing Piles :)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Pier Shaft/Piles				X	X	
Greatest Height (m)						
Bracing/Struts/Sheathing				6	6	
Nose Plate				X	X	

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Paint/Coating		X	X	
(Colour Description :)				
(Colour Code :)				
Pier Stability		X	X	
Scour		X	X	
Debris (Y/N)	Yes			Old piles.
Substructure General Rating		4	4	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment		7	7	
Bank Stability		N	6	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection		N	7	
(Type : NATURAL)				
Guidebank/Spurs		X	X	
Adequacy of Opening		6	6	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		4	6	

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	2010	Cutoff old piles.					
OTHER ACTION	2010	Add fill behind SW wingwall.					
OTHER ACTION	2010	Clean & fasten tin tops to wingwall piles.					
OTHER ACTION	2010	Reattach timber planks @ SW wingwall.					
OTHER ACTION	2010	Band split pile.					
OTHER ACTION	2010	Assess for replacement.					
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	38.9/38.9	Sufficiency Rating (Last/Now) (%)	45.8/48.8	Est. Repl. Yr	2012	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	Jason Saly		Previous Assistant's Name				
Next Inspection Date	30-Jun-2013		Previous Inspection Date	29-Nov-2006			
Inspection Cycle (Default) (months)	39						
Comment							