

Bridge Inspection										
Bridge File Number	70770 -1 Bridge				Form Type	PCS				
Year Built/Year Supstr	1978/1978				Lot No.	2				
Bridge or Town Name	CAMPSIE				Inspector Name	Melanie Johnson				
Located Over	TRIBUTARY TO PADDLE RIVER, 8.11.84.30.10, WATERCRS-ST				Inspector Class	BR CLS B				
Located On	763:02 C1 0.537				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	24-Aug-2011				
Legal Land Location	SW SEC 27 TWP 59 RGE 5 W5M				Data Entry By	Theresa Lacusta				
Longitude, Latitude	-114:40:36, 54:07:40				Data Entry Date	13-Sep-2011				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Eric Carcoux				
Contract Main. Area	CMA10				Review Date	07-Sep-2011				
Clear Roadway/Skew	10.1 /				Dept. Reviewer Name	Brent Herrick				
AADT/Year	520 / 2010 (A)				Dept. Review Date	15-Sep-2011				
Road Classification	RCU-209-110				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:	HS25						----> 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	Not required.								
Hazard Marker At Bridge (Y/N)	Yes								
Remarks	Not std height and location.								
Other Sign Types									

Utilities (Located at)										
Utility Attachments										
Telephone	East r/w.				Gas					
Power					Municipal					
Others					Problem (Y/N)	No				
Remarks										

Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			8	8	Dip at both approaches.				
Vertical Alignment			7	7					
Roadway Width (m)	8.300				Only 2 sections.				
Approach Bump			6	6					
Guardrail (Y/N)	Yes								
Guardrail			6	6					
Length (m)	8.000								
Current Standard (Y/N)	No								
Termination Type	Turned Down								
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 : VS, 1 Spans, Lengths(m): 10.7, A-Ident Number: )					
<b>Special Features</b>					
Special Feature			X		
(Type : )					
Special Feature			X		
(Type : )					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	
<b>Last</b>					
<b>Now</b>					
Wearing Surface			5	5	Random & longitudinal cracking between girders, full length.
(Material Type : <b>ACP</b> )					
(Thickness(mm) : <b>50</b> )					
Lateral Connection Problem (Y/N)		Yes			
Deck Top			N	N	
Deck Rideability			8	7	
Deck Joints			N	N	Paved over.
Bump (Y/N)		No			
Deck Drainage			7	7	No deck drains
Drains Clogged (Y/N)		No			
Curbs/Median			7	7	
(Curb Type : <b>Standard</b> )					
Scaling (Percent Area)		0			
Bridge Rail			3	7	Galvanize with paint over, paint peeling.
(Type : <b>GALVANIZED STEEL BRIDGE TUBE</b> )					
Bridge Rail Posts			7	7	
(Type : <b>GALVANIZED POST STEEL; GALVANIZED POST STEEL</b> )					
Bridge Rail/Posts Coating			6	6	
(Type : <b>PAINT</b> )					
Sidewalk			X	X	
<b>Girder Detail Ratings</b>					
	N (count)	1 (count)	2 (count)	3 (count)	Middle 7 girders not accessible. Water ~ 1.2m deep
<b>Last</b>	5				
<b>Now</b>	7	0	0	0	
Girders			7	7	Rust stains at connector pockets.
Last Complete Inspection Date		09-May-2008			
Cracking (Y/N)		No			
Spalling (Percent Area)		0			
Lift or Connector Pocket Grouted (Y/N)					
(Number Of Girders : <b>9</b> )					
<b>Span Alignment Problems</b>					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			
<b>Superstructure General Rating</b>			<b>7</b>	<b>7</b>	

Substructure						
Bridge Component				Last	Now	Explanation of Condition
<b>Abutments</b>						
(Extended Backwall Piles (Y/N) : <b>Y</b> )						
(Extended Backwall Piles Spacing(mm) : <b>1600</b> )						
(Total Number of Caps/Corbels : <b>3:3</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				6	6	
(Type : <b>TREATED TIMBER</b> )						
(Depth(mm) : <b>350</b> )						
(Width(mm) : <b>305</b> )						
Backwalls/Breastwalls			7	7	Several backwall clamps too low.(190)	
Greatest Height (m)		2.30				
Wingwalls			4	4	Cleats on south wings pushing off - repaired. Both tin tops at SW damaged. Top plank & cleat @ NE & NW came loose.	
(Total Number of Bearing Piles : <b>10:10</b> )						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
<b>Last</b>						
<b>Now</b>						
Piles				6	6	Viewed all piles from four corners.
Paint/Coating				X	X	
Abutment Stability			7	7		
Scour/Erosion			N	N	Under water	
<b>Piers/Bents</b>						
(Type : )						
(Total Number of Caps/Corbels : )						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
<b>Last</b>						
<b>Now</b>						
Bearing Seats/Caps/Corbels				X	X	
(Type : )						
(Depth(mm) : )						
(Width(mm) : )						

Substructure						
Bridge Component				Last	Now	Explanation of Condition
(Total Number of Bearing Piles : )						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
<b>Last</b>						
<b>Now</b>						
Pier Shaft/Piles				X	X	
Greatest Height (m)						
Bracing/Struts/Sheathing				X	X	
Nose Plate				X	X	
Paint/Coating				X	X	
(Colour Description : )						
(Colour Code : )						
Pier Stability				X	X	
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>Channel</b>						
(U/S Direction : )						
(D/S Direction : )						
Alignment				6	6	Sharp bend D/S of bridge.
Bank Stability				8	8	
HWM (m below Top of Curb)						
Drift (Y/N)		No				
Slope Protection				N	N	
(Type : )						
Guidebank/Spurs				X	X	
Adequacy of Opening				8	8	
(Fish Compensation Measure 1 : <b>NONE</b> )						
(Fish Compensation Measure 2 : <b>NONE</b> )						
<b>Channel General Rating</b>				<b>6</b>	<b>6</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	2011	Install hazard marker signs as per std.					
OTHER ACTION	2011	Replace 2 tin tops.					
OTHER ACTION	2011	Reset/secure North wingwalls.					
OTHER ACTION							
<b>Structural Condition Rating (Last/Now) (%)</b>	<b>72.2/72.2</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>71.1/71.2</b>	Est. Repl. Yr	2035	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	Dave Lam		Previous Assistant's Name				
Next Inspection Date	24-Nov-2014		Previous Inspection Date	09-May-2008			
Inspection Cycle (Default) (months)	39						
Comment							