

Bridge Inspection									
Bridge File Number	70250 -1 Bridge				Form Type	PCS			
Year Built/Year Supstr	1973/1973				Lot No.	2			
Bridge or Town Name	ANSELMO				Inspector Name	Arnold Assenheimer			
Located Over	TRIBUTARY TO PADDLE RIVER, 8.11.84.30.31, WATERCRS-ST				Inspector Class	BR CLS A			
Located On	647:02 C1 11.742				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	27-Jul-2012			
Legal Land Location	SW SEC 1 TWP 57 RGE 10 W5M				Data Entry By	Theresa Lacusta			
Longitude, Latitude	-115:21:32, 53:53:25				Data Entry Date	13-Aug-2012			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Eric Carcoux			
Contract Main. Area	CMA12				Review Date	30-Jul-2012			
Clear Roadway/Skew	8.2 /				Dept. Reviewer Name	Brent Herrick			
AADT/Year	450 / 2011 (A)				Dept. Review Date	16-Aug-2012			
Road Classification	RCU-209-110				Follow-Up By				
Detour Length (km)	6								
Allowable Load (t):	Single	CS1 28 GIRDER	Semi	CS2 49 GIRDER	Train	CS3 65 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	EB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No	
Posted:	Lane	WB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No	
Remarks									
Hazard Marker At Bridge (Y/N)	Yes								
Remarks	Not at standard height.								
Other Sign Types	"Little Paddle River"								
Utilities (Located at)									
Utility Attachments									
Telephone					Gas				
Power	2 wires 20m North of r/w.				Municipal				
Others					Problem (Y/N)	No			
Remarks									
Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			7	7	Crest curve to the East limiting sight distance. No passing EB.				
Vertical Alignment			5	5					
Roadway Width (m)	8.000				Both approaches patched.				
Approach Bump			4	5					
Guardrail (Y/N)	Yes								
Guardrail			6	6					
Length (m)	15.400								
Current Standard (Y/N)	No								
Termination Type	Turn Down								
Drainage			N	3	Recent HW washed out. Sw fill-photo				
Approach Road General Rating			5	5					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : HC, 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					
Now					
Wearing Surface			6	6	
(Material Type : ACP)					
(Thickness(mm) : 50)					
Lateral Connection Problem (Y/N)		No			
Deck Top			6	N	
Deck Rideability			6	6	
Deck Joints			N	N	Paved over.
Bump (Y/N)		Yes			
Deck Drainage			4	7	
Drains Clogged (Y/N)		Yes			
Curbs/Median			6	6	Corners of girders chipped off.
(Curb Type : Standard)					
Scaling (Percent Area)		2			
Bridge Rail			4	7	Double layer.
(Type : GALVANIZED STEEL FLEX BEAM)					
Bridge Rail Posts			7	7	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)					
Bridge Rail/Posts Coating			6	6	
(Type : GALVANIZED)					
Sidewalk			X	X	
Girder Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	Not accessible due to water depth.
Last					
Now	10				
Girders			6	N	(Longitudinal wide cracks in AZ of curb units on one leg. 16/Oct/2002)
Last Complete Inspection Date		28-Jan-2009			
Cracking (Y/N)		Yes			G1 long wide crack 1 leg o/s AZ. G10 spall o/s AZ - photo #4. -28-Jan-2009
Spalling (Percent Area)		0			
Lift or Connector Pocket Grouted (Y/N)					
(Number Of Girders : 10)					
Span Alignment Problems					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			
Superstructure General Rating			6	6	GR carried fwd form 29-Jan-2009

Substructure								
Bridge Component		Last	Now	Explanation of Condition				
Abutments								
(Extended Backwall Piles (Y/N) : N)					No file tags.			
(Extended Backwall Piles Spacing(mm) :)					Substructure not accessible due to water depth.			
(Total Number of Caps/Corbels : 4:4)					Bridge has been raised. 310 x 260 H pile with stiffeners sitting on top of cap. 300 x 300 TT subcap @ 2 end piles of all corners. Caps appear to be in good condition as viewed from ends. Limited access.			
Bearing Seats/Caps/Corbels Detail Ratings								
	N (count)	1 (count)	2 (count)	3 (count)				
Last	100							
Now	100	0	0	0				
Bearing Seats/Caps/Corbels				N			N	
(Type : TREATED TIMBER)								
(Depth(mm) : 300)								
(Width(mm) : 300)								
Backwalls/Breastwalls								
		N	N		Limited access.			
Greatest Height (m)		2.10						
Wingwalls								
		5	5		One pile wingwalls. Anchored with scab/clamps, also strutted.			
(Total Number of Bearing Piles : 7:7)					Piles appear to be in good condition, viewed from ends.			
Piles Detail Ratings								
	N (count)	1 (count)	2 (count)	3 (count)				
Last	14							
Now	14							
Piles				N			N	
Paint/Coating				X			X	
Abutment Stability				7			7	
Scour/Erosion				N			N	
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								
		N	N		(North strut is missing but piles are anchored. 16/Oct/2002) Not accessible.			
Nose Plate								
		X	X					
Paint/Coating								
		X	X					
(Colour Description :)								
(Colour Code :)								

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		X	X	
Scour		X	X	
Debris (Y/N)	No			GR carried fwd.
Substructure General Rating		6	6	Previously rated "6" on 08/Nov/2005.
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : N)				Meanders.
(D/S Direction : S)				
Alignment		6	6	
Bank Stability		N	6	
HWM (m below Top of Curb)				
Drift (Y/N)	Yes			
Slope Protection		N	N	
(Type : NATURAL; NATURAL)				
Guidebank/Spurs		X	X	
Adequacy of Opening		6	4	Did not handle recent HW over topped roadway.
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		6	4	

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	2012	Repair fill SW wingwall					
OTHER ACTION	2012	Re-install hazard markers to standard.					
OTHER ACTION	2012	Clear drift					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	66.7/66.7	Sufficiency Rating (Last/Now) (%)	67.8/66.5	Est. Repl. Yr	2017	Maint. Req'd. (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	Jacob Oresile		Previous Assistant's Name				
Next Inspection Date	27-Oct-2015		Previous Inspection Date	28-Jan-2009			
Inspection Cycle (Default) (months)	39						
Comment							