

Bridge Inspection									
Bridge File Number	73328 -2 Bridge				Form Type	PCS			
Year Built/Year Supstr	2001/2001				Lot No.	4			
Bridge or Town Name	ROBB				Inspector Name	Shane Hall			
Located Over	PREST CREEK, 8.11.107.33.12, WATERCRS-ST				Inspector Class	BR CLS A			
Located On	47:06 C1 19.119				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	15-Oct-2012			
Legal Land Location	SW SEC 17 TWP 50 RGE 20 W5M				Data Entry By	Theresa Lacusta			
Longitude, Latitude	-116:53:32, 53:18:57				Data Entry Date	21-Nov-2012			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Eric Carcoux			
Contract Main. Area	CMA13				Review Date	12-Nov-2012			
Clear Roadway/Skew	11.2 / -15 deg. (LHF)				Dept. Reviewer Name	Brent Herrick			
AADT/Year	1,020 / 2011 (A)				Dept. Review Date	22-Nov-2012			
Road Classification	RAU-210-110				Follow-Up By				
Detour Length (km)	73								
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	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	CS3 allowable is below legal limit.								
Hazard Marker At Bridge (Y/N)	Yes								
Remarks									
Other Sign Types	"Prest Creek" (NW sign missing), Angler sign.								
Utilities (Located at)									
Utility Attachments									
Telephone	East r/w.				Gas				
Power	3 wires West r/w, 1 wire 50m South.				Municipal				
Others					Problem (Y/N)	No			
Remarks									
Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			5	5	On a gentle curve with crest to the East. Limited sight distance from North. No passing. Access road @ SE.				
Vertical Alignment			6	6					
Roadway Width (m)	9.900				Wide transverse crack at end of approach slab, typical both ends - photo.				
Approach Bump			8	8					
Guardrail (Y/N)	Yes				Insufficient length. End blocks missing @ SE & SW. With thrie beam transition all corners.				
Guardrail			7	7					
Length (m)	40.000								
Current Standard (Y/N)	No								
Termination Type	Turned Down								
Drainage			4	4	Erosion behind NW wingwall 100x100 beside deck and 1m wide x 0.4m deep @ end of wingwall.-photo				
<b>Approach Road General Rating</b>			<b>5</b>	<b>5</b>					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : <b>SCC, 2 Spans, Lengths(m): 12-12, A-Ident Number: )</b>					
<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			6	6	7 long medium cracks 1 in WBL and 1 in EBL. Surface aggregate exposed, tyne finish wearing off by traffic.-03-Feb-2009 Chipseal
(Material Type : )					
(Thickness(mm) : )					
Lateral Connection Problem (Y/N)		No			
Deck Top			N	N	
Deck Rideability			8	8	
Deck Joints			7	7	Buffer angles.
Bump (Y/N)		No			
Deck Drainage			4	4	Erosion @ NW wingwall.5
Drains Clogged (Y/N)		No			
Curbs/Median			5	5	
(Curb Type : <b>Standard</b> )					
Scaling (Percent Area)		1			
Bridge Rail			7	7	
(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			7	7	
(Type : <b>GALVANIZED</b> )					
Sidewalk			X	X	
Girder Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
<b>Last</b>					
<b>Now</b>					
Girders			7	7	
Last Complete Inspection Date		15-Oct-2012			
Cracking (Y/N)		No			
Spalling (Percent Area)		0			
Lift or Connector Pocket Grouted (Y/N)		Yes			
(Number Of Girders : <b>20</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>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				7	7	
(Type : <b>CONCRETE</b> )						
(Depth(mm) : <b>1200</b> )						
(Width(mm) : <b>600</b> )						
Backwalls/Breastwalls				X	X	
Greatest Height (m)		1.20				
Wingwalls				8	8	
(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>	100					
Piles				N	N	
Paint/Coating				7	6	
Abutment Stability				8	8	
Scour/Erosion				8	8	
<b>Piers/Bents</b>						
(Type : <b>PIER-COLUMN</b> )						
(Total Number of Caps/Corbels : <b>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	8	
(Type : <b>STEEL</b> )						
(Depth(mm) : <b>350</b> )						
(Width(mm) : <b>700</b> )						
(Total Number of Bearing Piles : <b>8</b> )						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
<b>Last</b>						
<b>Now</b>						
Pier Shaft/Piles				7	7	
Greatest Height (m)		3.50				
Bracing/Struts/Sheathing				8	8	
Nose Plate				8	8	
Paint/Coating				8	8	Galvanized.
(Colour Description : )						
(Colour Code : )						
Pier Stability				8	8	

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Scour		7	7	
Debris (Y/N)	Yes			Tree hung up on P7 & N bank.photo
<b>Substructure General Rating</b>		<b>7</b>	<b>7</b>	
Structure Usage				
		Last	Now	Explanation of Condition
<b>Channel</b>				
(U/S Direction : <b>W</b> )				
(D/S Direction : <b>E</b> )				
Alignment		7	7	
Bank Stability		7	7	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	Yes			
Slope Protection		7	7	
(Type : <b>RIP RAP; RIP RAP</b> )				
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 : <b>NONE</b> )				
(Fish Compensation Measure 2 : <b>NONE</b> )				
<b>Channel General Rating</b>		<b>7</b>	<b>7</b>	

