

Bridge Inspection									
Bridge File Number	09199 -1 Bridge				Form Type	PCS			
Year Built/Year Supstr	1993/1993				Lot No.	2			
Bridge or Town Name	LA COREY				Inspector Name	Wade Nanninga			
Located Over	JACKFISH CREEK, 7.9, WATERCRS-ST				Inspector Class	BR CLS A			
Located On	55:18 C1 4.893				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	09-Apr-2012			
Legal Land Location	SW SEC 15 TWP 63 RGE 5 W4M				Data Entry By	Theresa Lacusta			
Longitude, Latitude	-110:41:11, 54:26:33				Data Entry Date	08-May-2012			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Eric Carcoux			
Contract Main. Area	CMA08				Review Date	17-Apr-2012			
Clear Roadway/Skew	11.9 / -15 deg. (LHF)				Dept. Reviewer Name	Brent Herrick			
AADT/Year	2,370 / 2011 (A)				Dept. Review Date	12-Jun-2012			
Road Classification	RAU-209-110				Follow-Up By				
Detour Length (km)	35								
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)	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	Not required.								
Hazard Marker At Bridge (Y/N)	Yes								
Remarks	Harzard markers @ varying heights.								
Other Sign Types	Jackfish Creek BF tag missing at SW and NE corners.								

Utilities (Located at)									
Utility Attachments	TELEPHONE UTILITIES-PHONE LINE								
Telephone	South r/w.				Gas				
Power	3 lines OH 10m North of c/l. 2 lines approx 30m South.				Municipal				
Others	WSC @ SE				Problem (Y/N)	No			
Remarks									

Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			7	7	"T" intersection 20m east.				
Vertical Alignment			8	8					
Roadway Width (m)	12.000								
Approach Bump			6	5					
Guardrail (Y/N)	Yes				Insufficient posts/spacing, not thrie beam transition.				
Guardrail			7	7	21.5m @ NW & SE. 99m @ NE & SW.				
Length (m)	21.500								
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 : <b>SCC, 1 Spans, Lengths(m): 14, 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			5	5	Chipseal on concrete. Wearing thin in wheel paths.
(Material Type : <b>CONCRETE - CONVENTIONAL CHIP SEAL COAT</b> )					
(Thickness(mm) : <b>75</b> )					
Lateral Connection Problem (Y/N)	No				
Deck Top			N	N	
Deck Rideability			8	7	
Deck Joints			N	N	(Snow plows have gouged buffer angles. 16/Nov/2006) Paved over with chipseal.
Bump (Y/N)	No				
Deck Drainage			7	7	No deck drains.
Drains Clogged (Y/N)					
Curbs/Median			5	4	Flexural cracks each curb, typical vertical cracking. Plow scrapes. Moderate scaling on top of curbs.
(Curb Type : <b>Standard</b> )					
Scaling (Percent Area)	25				
Bridge Rail			8	8	
(Type : <b>GALVANIZED STEEL BRIDGE TUBE</b> )					
Bridge Rail Posts			8	8	
(Type : <b>GALVANIZED POST STEEL; GALVANIZED POST STEEL</b> )					
Bridge Rail/Posts Coating			8	8	
(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			5	5	Narrow hairline cracks extending from the end of all girders. Cracks, <0.5m in length.-14-Jul-2010 Viewed from 4 corners due to thin ice. Horizontal cracking along curb girders outside face.
Last Complete Inspection Date	14-Jul-2010				
Cracking (Y/N)	Yes				
Spalling (Percent Area)	0				
Lift or Connector Pocket Grouted (Y/N)					
(Number Of Girders : <b>11</b> )					
<b>Span Alignment Problems</b>					
Vertical (Y/N)	No				
Horizontal (Y/N)	No				
<b>Superstructure General Rating</b>			<b>5</b>	<b>5</b>	

Substructure						
Bridge Component				Last	Now	Explanation of Condition
<b>Abutments</b>						
(Extended Backwall Piles (Y/N) : Y)						
(Extended Backwall Piles Spacing(mm) : 1500)						
(Total Number of Caps/Corbels : 1:1)						
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 : STEEL)						
(Depth(mm) : 310)						
(Width(mm) : 310)						
Backwalls/Breastwalls				8	8	
Greatest Height (m)		2.50				
Wingwalls				8	5	Top plank loose @ NW corner.
(Total Number of Bearing Piles : 11:11)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
<b>Last</b>						
<b>Now</b>						
Piles				8	8	
Paint/Coating				X	X	No paint/coating.
Abutment Stability				9	8	
Scour/Erosion				9	N	
<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) : )						
(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	5	All piles anchored - 1 loose anchor @ SE.
Nose Plate				X	X	
Paint/Coating				X	X	
(Colour Description : )						
(Colour Code : )						
Pier Stability				X	X	

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Scour		X	X	
Debris (Y/N)	No			
<b>Substructure General Rating</b>		<b>8</b>	<b>8</b>	
Structure Usage				
		Last	Now	Explanation of Condition
<b>Channel</b>				
(U/S Direction : <b>N</b> )				Meandering
(D/S Direction : <b>S</b> )				
Alignment		7	7	
Bank Stability		8	8	
HWM (m below Top of Curb)				HWM not visible
Drift (Y/N)	No			
Slope Protection		8	N	
(Type : <b>RIP RAP; RIP RAP</b> )				
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>7</b>	<b>7</b>	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
SEAL CURBS	2012	Seal.					
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	Reinstall hazard markers to meet standard.					
OTHER ACTION	2012	Replace BF plaque that are missing.					
OTHER ACTION							
OTHER ACTION							
<b>Structural Condition Rating (Last/Now) (%)</b>	<b>72.2/72.2</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>65.0/65.0</b>	Est. Repl. Yr	2043	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	Shane Hall		Previous Assistant's Name				
Next Inspection Date	09-Jan-2014		Previous Inspection Date	14-Jul-2010			
Inspection Cycle (Default) (months)	21						
Comment							