

Bridge Inspection											
Bridge File Number	79460 -1 Bridge				Form Type	PCS					
Year Built/Year Supstr	1985/1985				Lot No.	2					
Bridge or Town Name	INNISFREE				Inspector Name	Jason Saly					
Located Over	BIRCH CREEK, 6.5.18, WATERCRS-ST				Inspector Class	BR CLS A					
Located On	870:08 C1 9.503				Assistant Name						
Water Body Cl./Year					Assistant Class						
Navigabil. Cl./Year					Inspection Date	13-Dec-2012					
Legal Land Location	NW SEC 35 TWP 51 RGE 11 W4M				Data Entry By	Marcia Chavez					
Longitude, Latitude	-111:31:34, 53:27:11				Data Entry Date	14-Jan-2013					
Road Authority	Alberta Transportation (AIT)				Reviewer Name	John O'Brien					
Contract Main. Area	CMA14				Review Date	20-Dec-2012					
Clear Roadway/Skew	8.8 /				Dept. Reviewer Name	Andrew Smikles					
AADT/Year	280 / 2011 (A)				Dept. Review Date	17-Jan-2013					
Road Classification	RCU-210-110				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:	MS23									---> 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 UTILITIES-PHONE LINE									
Telephone	Along West ditch.				Gas					
Power	3 wire OH 20m East of c/l.				Municipal					
Others					Problem (Y/N)	No				
Remarks										

Approach Road										
			Last	Now	Explanation of Condition					
Horizontal Alignment			7	7	TWP Rd 520 intersection 60m N. Hill 100m N; no passing.					
Vertical Alignment			7	7						
Roadway Width (m)	10.200				Mostly snow covered.					
Approach Bump			6	6						
Guardrail (Y/N)	Yes									
Guardrail			8	N						
Length (m)	26.200									
Current Standard (Y/N)	Yes									
Termination Type	Turn Down									
Drainage			7	N						
Approach Road General Rating			7	7						

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : SM, 1 Spans, Lengths(m): 6, A-Ident Number:)					
Special Features					
Special Feature			X		
(Type :)					
Special Feature			X		
(Type :)					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	Snow/dirt covered.
Last	10				
Now	40.0	0.0	0.0	0.0	
Wearing Surface				7	6
(Material Type : ACP)					
(Thickness(mm) : 50)					
Lateral Connection Problem (Y/N)		No			
Deck Top				N	N
ACP covered.					
Deck Rideability				8	8
Deck Joints				N	N
Buffer angles. ACP covered.					
Bump (Y/N)		No			
Deck Drainage				7	N
No deck drains. Snow covered.					
Drains Clogged (Y/N)					
Curbs/Median				N	N
Snow covered; some fascia spalls.					
(Curb Type : Standard)					
Scaling (Percent Area)		2			
Bridge Rail				8	8
(Type : GALVANIZED STEEL FLEX BEAM)					
Bridge Rail Posts				N	N
(S rail is missing 1 post anchor bolt nut - photo. 09/Sep/2006)					
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)					
Bridge Rail/Posts Coating				8	8
(Type : GALVANIZED)					
Sidewalk				X	X
Girder Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now	0	0	0	0	
Girders				7	7
Last Complete Inspection Date		13-Dec-2012			
Cracking (Y/N)		No		Minor underside spalls from construction. (Deteriorated - photo. 09/Sep/2006)	
Spalling (Percent Area)		0			
Lift or Connector Pocket Grouted (Y/N)		Yes			
(Number Of Girders : 8)					
Span Alignment Problems					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			
Superstructure General Rating				7	7

Substructure								
Bridge Component				Last	Now	Explanation of Condition		
Abutments								
(Extended Backwall Piles (Y/N) : Y)				Piles have backwall clamps and scabs.				
(Extended Backwall Piles Spacing(mm) : 1500)								
(Total Number of Caps/Corbels : 3:3)								
Bearing Seats/Caps/Corbels Detail Ratings								
	N (count)	1 (count)	2 (count)				3 (count)	
Last								
Now	0	0	0				0	
Bearing Seats/Caps/Corbels							7	7
(Type : TREATED TIMBER)								
(Depth(mm) : 355)								
(Width(mm) : 305)								
Backwalls/Breastwalls				7	7			
Greatest Height (m)		2.10						
Wingwalls				6	6			
(Total Number of Bearing Piles : 9:9)								
Piles Detail Ratings								
	N (count)	1 (count)	2 (count)	3 (count)				
Last								
Now	0	0	0	0				
Piles				7	7			
Paint/Coating				X	X			
Abutment Stability				8	8			
Scour/Erosion				8	N	Ice/snow covered.		
Piers/Bents								
(Type :)				Max deck to S/B 2.2m.				
(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				X	X			
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		8	N	
Debris (Y/N)	No			
Substructure General Rating		7	7	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment		7	7	
Bank Stability		7	7	
HWM (m below Top of Curb)	0.8			Dirt on underside of girders.
Drift (Y/N)	Yes			
Slope Protection		7	7	
(Type : NATURAL; NATURAL)				
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		7	7	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL	2013	Install missing AB nut, if not completed.					
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	2013	RegROUT lift pockets, if still required.					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	77.8/77.8	Sufficiency Rating (Last/Now) (%)	73.7/74.0	Est. Repl. Yr	2038	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	Owen Salava		Previous Assistant's Name				
Next Inspection Date	13-Mar-2016		Previous Inspection Date	28-Jan-2010			
Inspection Cycle (Default) (months)	39						
Comment							