

Bridge Inspection									
Bridge File Number	70260 -1 Bridge				Form Type	TT			
Year Built/Year Supstr	1962/1962				Lot No.	4			
Bridge or Town Name	BOYLE				Inspector Name	Eric Carcoux			
Located Over	TRIBUTARY TO FLAT CREEK, 8.11.55.5.8.2, WATERCRS-ST				Inspector Class	BR CLS A			
Located On	63:01 C1 26.182				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	13-Jan-2012			
Legal Land Location	NW SEC 10 TWP 65 RGE 19 W4M				Data Entry By	Theresa Lacusta			
Longitude, Latitude	-112:48:12, 54:36:45				Data Entry Date	17-Jan-2012			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Arnold Assenheimer			
Contract Main. Area	CMA07				Review Date	16-Jan-2012			
Clear Roadway/Skew	11 /				Dept. Reviewer Name	Brent Herrick			
AADT/Year	4,090 / 2010 (A)				Dept. Review Date	18-Jan-2012			
Road Classification	RAU-211.8-110				Follow-Up By				
Detour Length (km)	5								
Allowable Load (t):	Single		Semi		Train		----> On Critical Spans ---->Critical Member		
Design Loading:							----> 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)	No								
Remarks	Not required.								
Other Sign Types	File tag SE (fading).								

Utilities (Located at)									
Utility Attachments									
Telephone	West r/w.				Gas				
Power	3 lines east r/w.				Municipal				
Others	Fibre optic East r/w.				Problem (Y/N)		No		
Remarks									

Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			9	7	Entrance @ SW Crest curve 100mm south. Sideslopes, east (U/S) - 2:1, west (D/S) - 3:1. 1.7m of cover, West end measured.				
Vertical Alignment			7	7					
Roadway Width (m)	11.000								
Approach Bump			8	8	Clear zone is only 2m wide.				
Guardrail (Y/N)	No								
Guardrail			X	X					
Length (m)									
Current Standard (Y/N)	No								
Termination Type	None								
Drainage			9	9					
Approach Road General Rating			7	7					

Superstructure							
Bridge Component				Last	Now	Explanation of Condition	
(Primary Span : TP, 2 Spans, Lengths(m): 1.2-1.2, 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/Deck Top				X	X		
(Material Type :)							
(Plank Thickness(mm) :)							
(Plank Width(mm) :)							
Deck Rideability				8	8	Deck rideability does not apply.	
Wheel Guards				X	X		
(Curb Type :)							
(Type :)							
(Thickness(mm) :)							
(Width(mm) :)							
Bridge Rail				X	X		
(Type :)							
Bridge Rail Posts				X	X		
(Type :)							
Bridge Rail/Posts Coating				X	X		
(Type :)							
(No. of Stringers : Null;Null)							
Stringer Detail Ratings							
	N (count)	1 (count)	2 (count)	3 (count)		1.75m x 1.2m high twin box.	
Last							
Now							
Stringers				X	X		
(Type :)							
(Width(mm) :)							
(Depth(mm) :)							
(Spacing(mm) :)							
Sub Deck/Deck Underside				5	5	100 x 150mm planks on the flat 10 x 300mm struts every 1.2m.	
(Material Type : TREATED TIMBER)							
(Plank Thickness(mm) : 100)							
(Plank Width(mm) : 150)							
Defects (Percent Area)	0						
Span Alignment Problems							
Vertical (Y/N)	No						
Horizontal (Y/N)	No						
Superstructure General Rating				5	5		
Substructure							
Bridge Component				Last	Now	Explanation of Condition	
Abutments							
(Extended Backwall Piles (Y/N) :)							
(Extended Backwall Piles Spacing(mm) :)							

Substructure						
Bridge Component		Last	Now	Explanation of Condition		
(Total Number of Caps/Corbels : :)						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)	Behind sheeting. (Abutments appear to be 150 x 150 TT timbers stacked up with a vertical member bolted to the outside. 15/Aug/2006) Abutment piles and bearing seat covered with planks.	
Last	1	0	0	0		
Now	1					
Bearing Seats/Caps/Corbels				N	N	
(Type : TREATED TIMBER)						
(Depth(mm) :)						
(Width(mm) :)						
Backwalls/Breastwalls				4	4	Rot in lower planks.
Greatest Height (m)		1.20				
Wingwalls				5	5	
(Total Number of Bearing Piles : 0:0)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last	1	0	0	0		
Now	1					
Piles				N	N	
Paint/Coating				X	X	
Abutment Stability				5	4	Base of walls pushing in 75mm.
Scour/Erosion				7	7	
Piers/Bents						
(Type : PIER-COLUMN)						
(Total Number of Caps/Corbels :)						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)	Center wall is 150 x 150 TT stacked up with vertical tie-back planks bolted both sides, several tie-back are split - photo.	
Last	0	0	0	0		
Now						
Bearing Seats/Caps/Corbels				5	5	
(Type : TREATED TIMBER)						
(Depth(mm) : 150)						
(Width(mm) : 150)						
(Total Number of Bearing Piles : 0)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last	0	0	0	0		
Now						
Pier Shaft/Piles				X	X	
Greatest Height (m)		1.20				
Bracing/Struts/Sheathing				X	X	
Nose Plate				X	X	
Paint/Coating				X	X	
(Colour Description :)						
(Colour Code :)						
Pier Stability				7	7	
Scour				7	7	

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Debris (Y/N)	No			
Substructure General Rating		5	4	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : E)				
(D/S Direction : W)				
Alignment		6	6	
Bank Stability		7	7	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection		7	7	
(Type : NATURAL; NATURAL)				
Guidebank/Spurs		X	X	
Adequacy of Opening		6	6	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		6	6	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
PATCH DECK							
REPLACE STRIP DECK							
REPLACE SUB DECK							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
CORE TIMBER CAPS/CORBELS							
REPAIR/REPLACE TIMBER CAPS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
INSTALL STRUTS							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	55.6/50.0	Sufficiency Rating (Last/Now) (%)	52.3/49.9	Est. Repl. Yr	2020	Maint. Req. (Y/N)	No
Special Comments for Next Inspection	Consider installing guardrail.		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	Todd Warshawski		Previous Assistant's Name				
Next Inspection Date	13-Oct-2013		Previous Inspection Date	02-Mar-2010			
Inspection Cycle (Default) (months)	21						
Comment							