

Bridge Inspection									
Bridge File Number	84507 -1 Bridge				Form Type	CON			
Year Built/Year Supstr	2002/2002				Lot No.	4			
Bridge or Town Name	STAND OFF				Inspector Name	Garry Roberts			
Located Over	ENV - IRRIGATION C, WATERCRS-IC				Inspector Class	BR CLS A			
Located On	LOCAL ROAD				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	21-Jun-2011			
Legal Land Location	SE SEC 7 TWP 5 RGE 24 W4M				Data Entry By	Alyssa Boynton			
Longitude, Latitude	-113:12:36, 49:22:08				Data Entry Date	13-Jul-2011			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Tom Carey			
Contract Main. Area	UNDEFINED CMA				Review Date	28-Jun-2011			
Clear Roadway/Skew	4.9 /				Dept. Reviewer Name	Tim Davies			
AADT/Year	48 / 2011 (E)				Dept. Review Date	15-Jul-2011			
Road Classification	RLU-208G-60				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:							----> 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									
Other Sign Types	WBRS 19								

Utilities (Located at)									
Utility Attachments									
Telephone					Gas				
Power	West side.				Municipal				
Others					Problem (Y/N)	No			
Remarks									

Approach Road									
		Last	Now	Explanation of Condition					
Horizontal Alignment		5	5	Canal road @ 90 deg @ N					
Vertical Alignment		5	5	Field access @ S Located 1 km U/S (SE) of BF 81632 on highway 505					
Roadway Width (m)		5.000		Gravel					
Approach Bump		5	5						
Guardrail (Y/N)		No							
Guardrail		X	X						
Length (m)									
Current Standard (Y/N)									
Termination Type									
Drainage		7	7						
Approach Road General Rating		5	5						

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : CS, 1 Spans, Lengths(m): 8.2, A-Ident Number:)					
Special Features					
Special Feature			7	Over spillway that empties E into St. MARY reservior Chainlink Fence @ u/s wings Safety Rail.	
(Type :)					
Special Feature			X		
(Type :)					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	
Last					
Now	0.0	0.0	0.0	0.0	
Wearing Surface			X	7	
(Material Type :)					
(Thickness(mm) :)					
Deck Top			7	7	
Deck Rideability			7	7	
Deck Joints			X	X	
Temperature (deg. C)					
(Expansion Type :)					
(Fixed Type :)					
Gap Size (mm)		Gap Location			
Deck Drainage			7	7	
Drains Clogged (Y/N)		No			
Curbs/Median			7	7	
(Curb Type : Standard)					
Scaling (Percent Area)		0			
Bridge Rail			7	7	60mm diameter pipe rail and posts.
(Type : GALVANIZED STEEL NON-STANDARD RAIL)					
Bridge Rail Posts			7	7	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)					
Bridge Rail/Posts Coating			4	5	
(Type : PAINT;GALVANIZED)					
Sidewalk			X	X	
Girders			X	X	
Diaphragms/Cross Frame			X	X	
Bearings			X	X	
Temperature (deg. C)					
(Expansion Type :)					
(Fixed Type :)					
Coating Adequate (Y/N)					
Functioning (Y/N)					
Deck Underside			X	7	
Stains (Percent Area)					
Span Alignment Problems					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : CS, 1 Spans, Lengths(m): 8.2, A-Ident Number:)				
Superstructure General Rating		7	7	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats		X	X	
Backwalls/Breastwalls		7	7	
Wingwalls		5	5	
Piles		X	X	
Paint/Coating		X	X	
Abutment Stability		7	7	
Scour/Erosion		7	7	
Piers/Bents				
(Type :)				
Bearing Seats/Caps		X	X	
(Type :)				
Pier Shaft/Piles		X	X	
Nose Plate		X	X	
Paint/Coating		X	X	
(Colour Description :)				
(Colour Code :)				
Pier Stability		X	X	
Scour		X	X	
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)				No visible HWM
Drift (Y/N)	No			
Slope Protection		8	8	Class 1&2 mix @ d/s
(Type : CONCRETE; CONCRETE)				
Guidebank/Spurs		X	X	
Adequacy of Opening		9	7	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				

Structure Usage				
		Last	Now	Explanation of Condition
Channel General Rating		7	7	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
GALVANIZE/PAINT BRIDGE RAIL							
RETROFIT BRIDGE RAIL							
SEAL CURBS							
PATCH DECK							
SEAL DECK							
OVERLAY DECK							
REPAIR/REPLACE DECK JOINTS							
RESET/ PAINT BEARINGS							
WASHING							
SHOTCRETE REPAIRS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	77.8/77.8	Sufficiency Rating (Last/Now) (%)	75.7/66.0	Est. Repl. Yr	2030	Maint. Req. (Y/N)	No
Special Comments for Next Inspection	Bridge is plotted wrong on map. LLL should be on SW 8-5-24-W4 approx. 1.0 km U/S from BF 81632 on highway 505 (G.Roberts)		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	Tom Carey		Previous Assistant's Name				
Next Inspection Date	21-Sep-2014		Previous Inspection Date	07-Oct-2004			
Inspection Cycle (Default) (months)	39						
Comment							