

Bridge Inspection										
Bridge File Number	83075 -1 Bridge				Form Type	PT				
Year Built/Year Supstr	2003/2003				Lot No.	4				
Bridge or Town Name					Inspector Name	Owen Salava				
Located Over	VERMILION RIVER, 6.5, WATERCRS-ST				Inspector Class	BR CLS A				
Located On	LOCAL ROAD;TRAIL-PED, ON 50000 FB				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	30-Jan-2012				
Legal Land Location	SW SEC 2 TWP 51 RGE 7 W4M				Data Entry By	Marcia Chavez				
Longitude, Latitude	-110:56:17, 53:21:59				Data Entry Date	29-Mar-2012				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	John O'Brien				
Contract Main. Area	UNDEFINED CMA				Review Date	23-Feb-2012				
Clear Roadway/Skew					Dept. Reviewer Name	Andrew Smikles				
AAADT/Year					Dept. Review Date	29-Mar-2012				
Road Classification					Follow-Up By					
Detour Length (km)										
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	WB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No		
Posted:	Lane	EB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No		
Remarks										
Hazard Marker At Bridge (Y/N)	No									
Remarks										
Other Sign Types										

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

Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment				5	Trails "Lakeside Trail"; next to 83076.				
Vertical Alignment				5					
Roadway Width (m)	3.000								
Approach Bump				5					
Guardrail (Y/N)	No								
Guardrail				X					
Length (m)									
Current Standard (Y/N)	No								
Termination Type	None								
Drainage				5					
Approach Road General Rating				5					

Superstructure				
Bridge Component	Last	Now	Explanation of Condition	
(Primary Span : PT, 2 Spans, Lengths(m): 13.4-13.4, 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	100.0	0.0	0.0	0.0
Snow covered.				
Wearing Surface/Deck Top				
(Material Type : TREATED TIMBER)				
(Plank Thickness(mm) : 75)				
(Plank Width(mm) : 300)				
Single layer of deck; looks good when viewed from below.				
Deck Rideability				
		6		
Deck Joints				
Temperature (deg. C)				
(Expansion Type :)				
(Fixed Type :)				
Gap Size (mm)				
Gap Location				
Curbs/Wheel Guards				
(Curb Type :)				
(Type :)				
(Thickness(mm) :)				
(Width(mm) :)				
Bridge Rail				
(Type :)				
Bridge Rail Posts/Blocking				
(Type :)				
Bridge Rail/Posts Coating				
(Type :)				
Deck to streambed est. 3.0m by AE personnel. Truss acts as rail.				
Sidewalk				
		X		

Superstructure							
Bridge Component				Last	Now	Explanation of Condition	
(Primary Span : PT, 2 Spans, Lengths(m): 13.4-13.4, A-Ident Number:)							
Wide Load Damage (Y/N)	No					Separate truss in each direction; N truss is 83075.	
Top Chord					7		
Batter Posts					7		
Diagonals					7		
Verticals					7		
Connections					7		
Floor Beams					7		
Bottom Chord					7		
Lateral Bracings					X		
(No. of Stringers : Null;Null)							
Stringer Detail Ratings							
	N (count)	1 (count)	2 (count)	3 (count)			
Last							
Now							
Stringers					7	Deck planks span btwn floor beams; look good from below, no sign of distress.	
(Type :)							
(Width(mm) :)							
(Depth(mm) :)							
(Spacing(mm) :)							
Paint Condition					5	Some corrosion to flat surfaces.	
(Colour Description :)							
(Colour Code :)							
Touchup Required (Y/N)							
Bearings					X		
Temperature (deg. C)							
(Expansion Type :)							
(Fixed Type :)							
Functioning (Y/N)							
Sub Deck/Deck Underside					7		
(Material Type : TREATED TIMBER)							
(Plank Thickness(mm) : 75)							
(Plank Width(mm) : 300)							
Defects (Percent Area)	0						
Span Alignment Problems							
Vertical (Y/N)	No						
Horizontal (Y/N)	No						
Superstructure General Rating					7		
Substructure							
Bridge Component				Last	Now	Explanation of Condition	
Abutments							
(Extended Backwall Piles (Y/N) : N)							
(Extended Backwall Piles Spacing(mm) :)							

Substructure							
Bridge Component		Last	Now	Explanation of Condition			
(Total Number of Caps/Corbels : 0:1)				Bearing on concrete piles at W abut; mud sill on E abut.			
Bearing Seats/Caps/Corbels Detail Ratings							
	N (count)	1 (count)	2 (count)			3 (count)	
Last							
Now	1	0	0			0	
Bearing Seats/Caps/Corbels							N
(Type : TREATED TIMBER)							
(Depth(mm) :)							
(Width(mm) :)							
Backwalls/Breastwalls							X
Greatest Height (m)							
Wingwalls					X		
(Total Number of Bearing Piles : 2:0)							
Piles Detail Ratings							
	N (count)	1 (count)	2 (count)			3 (count)	
Last							
Now	0	0	0			0	
Piles							6
Paint/Coating						4	Minor rust on flat surfaces.
Abutment Stability							5
Scour/Erosion							5
Piers/Bents							
(Type : PIER-SOLID)							
(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		
(Type :)							
(Total Number of Bearing Piles : 0)							
Piles Detail Ratings							
	N (count)	1 (count)	2 (count)	3 (count)			
Last							
Now							
Pier Shaft/Piles					X		
Greatest Height (m)							
Bracing/Struts/Sheathing					X		
Nose Plate					X		
Paint/Coating					X		
(Colour Description :)							
(Colour Code :)							
Pier Stability					X		
Scour					X		
Debris (Y/N)		No					
Substructure General Rating					5		

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

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
RETROFIT BRIDGE RAIL							
PATCH DECK							
REPLACE SUB DECK							
RESET/ PAINT BEARINGS							
REPAINT SUPERSTRUCTURE							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
CORE TIMBER CAPS/CORBELS							
REPAIR/REPLACE TIMBER CAPS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	/66.7	Sufficiency Rating (Last/Now) (%)	/65.2	Est. Repl. Yr	2030	Maint. Req. (Y/N)	No
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			Previous Assistant's Name				
Next Inspection Date	30-Oct-2016		Previous Inspection Date				
Inspection Cycle (Default) (months)	57						
Comment							