

Bridge Inspection										
Bridge File Number	77475 -2 Bridge				Form Type	PCS				
Year Built/Year Supstr	2006/2006				Lot No.	4				
Bridge or Town Name	Sundre				Inspector Name	Owen Salava				
Located Over	YARA CREEK, 3.111, WATERCRS-ST				Inspector Class	BR CLS A				
Located On	734:12 C1 2.753				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	29-Nov-2010				
Legal Land Location	SW SEC 17 TWP 31 RGE 9 W5M				Data Entry By	Marcia Chavez				
Longitude, Latitude	-115:15:01, 51:39:14				Data Entry Date	03-Jan-2011				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	John O'Brien				
Contract Main. Area	CMA18				Review Date	16-Dec-2010				
Clear Roadway/Skew	8.9 /				Dept. Reviewer Name	Chris Black				
AADT/Year	100 / 2009 (A)				Dept. Review Date	05-Jan-2011				
Road Classification	RLU-208G-90				Follow-Up By					
Detour Length (km)										
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	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	Not required.								
Hazard Marker At Bridge (Y/N)	Yes								
Remarks									
Other Sign Types	Creek ID, Logging Trucks Turning.								

Utilities (Located at)										
Utility Attachments										
Telephone					Gas					
Power					Municipal					
Others	Unknown wire along N curb.				Problem (Y/N)	No				
Remarks										

Approach Road									
		Last	Now	Explanation of Condition					
Horizontal Alignment			4	Bridge on corner. Intersection 400m E.					
Vertical Alignment			6						
Roadway Width (m)	9.000								
Approach Bump			7						
Guardrail (Y/N)		Yes							
Guardrail			7						
Length (m)	17.000								
Current Standard (Y/N)		Yes							
Termination Type		Turned down							
Drainage			7						
Approach Road General Rating			4						

Superstructure						
Bridge Component				Last	Now	Explanation of Condition
(Primary Span : SC, 1 Spans, Lengths(m): 12.8, A-Ident Number:)						
Special Features						
Special Feature					X	
(Type :)						
Special Feature					X	
(Type :)						
Wearing Surface/Deck Top Detail Ratings						
	N (%)	1 (%)	2 (%)	3 (%)	Snow covered.	
Last						
Now	100.0	0.0	0.0	0.0		
Wearing Surface						
(Material Type :)						
(Thickness(mm) :)						
Lateral Connection Problem (Y/N)	No					
Deck Top						
					N	
Deck Rideability						
					7	
Deck Joints						
Bump (Y/N)						
Deck Drainage						
Drains Clogged (Y/N)					7	No drains.
Curbs/Median						
(Curb Type : Standard)					X	No raised curb.
Scaling (Percent Area)						
Bridge Rail						
(Type : GALVANIZED STEEL THRIE BEAM)					7	
Bridge Rail Posts						
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)					7	
Bridge Rail/Posts Coating						
(Type : GALVANIZED)					7	
Sidewalk						
					X	
Girder Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now	0	0	0	0		
Girders						
Last Complete Inspection Date				29-Nov-2010		8
Cracking (Y/N)		No				
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					8	

Substructure					
Bridge Component		Last	Now	Explanation of Condition	
Abutments					
(Extended Backwall Piles (Y/N) : Y)					
(Extended Backwall Piles Spacing(mm) : 1600)					
(Total Number of Caps/Corbels : 1:1)					
Bearing Seats/Caps/Corbels Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now	0	0	0	0	
Bearing Seats/Caps/Corbels					9
(Type : GALVANIZED STEEL)					
(Depth(mm) : 305)					
(Width(mm) : 310)					
Backwalls/Breastwalls					9
Greatest Height (m)		2.60			
Wingwalls					9
(Total Number of Bearing Piles : 6:6)					
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now	0	0	0	0	
Piles					9
Paint/Coating					9
Abutment Stability					9
Scour/Erosion					9
Piers/Bents					
(Type :)					
(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 :)					
(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
Greatest Height (m)					
Bracing/Struts/Sheathing					X
Nose Plate					X
Paint/Coating					X
(Colour Description :)					
(Colour Code :)					
Pier Stability					X

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Scour			8	
Debris (Y/N)	No			
Substructure General Rating			9	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : N)				
(D/S Direction : S)				
Alignment			7	
Bank Stability			7	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection			8	
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs			X	
Adequacy of Opening			8	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating			7	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
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							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	/94.4	Sufficiency Rating (Last/Now) (%)	/75.9	Est. Repl. Yr	2080	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)	Y						
Proposed Action	2003.08.18 Replace by 2009.						
Previous Inspector's Name			Previous Assistant's Name				
Next Inspection Date	28-Feb-2014		Previous Inspection Date				
Inspection Cycle (Default) (months)	39						
Comment							