

Bridge Inspection										
Bridge File Number	83078 -1 Bridge				Form Type	SG				
Year Built/Year Supstr	1998/1998				Lot No.	4				
Bridge or Town Name	NORDEGG				Inspector Name	Owen Salava				
Located Over	WATERCOURSE, WATERCRS-NI				Inspector Class	BR CLS A				
Located On	TRAIL-PED, ON 50000 FB				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	06-May-2010				
Legal Land Location	NE SEC 27 TWP 39 RGE 17 W5M				Data Entry By	Jill Potts				
Longitude, Latitude	-116:21:22, 52:23:14				Data Entry Date	19-May-2010				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	John O'Brien				
Contract Main. Area	UNDEFINED CMA				Review Date	13-May-2010				
Clear Roadway/Skew	1.2 /				Dept. Reviewer Name	Chris Black				
AAADT/Year					Dept. Review Date	31-May-2010				
Road Classification					Follow-Up By					
Detour Length (km)	999									
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	EB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No	
Posted:	Lane	WB	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		4	4	Curves both sides. Hill to the East.					
Vertical Alignment		5	5						
Roadway Width (m)	2.200								
Approach Bump		7	7						
Guardrail (Y/N)	No								
Guardrail		X	X						
Length (m)									
Current Standard (Y/N)	No								
Termination Type									
Drainage		7	7						
Approach Road General Rating		4	4						

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : WG, 1 Spans, Lengths(m): 15.5, A-Ident Number:)					
Special Features					
Special Feature			X		
(Type :)					
Special Feature			X		
(Type :)					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	
Last	100	0	0	0	
Now	50.0				
Wearing Surface			N	6	Ice and snow covered. CCA.
(Material Type : UNTREATED TIMBER)					
(Thickness(mm) : 75)					
Deck Top			N	6	
Deck Rideability			7	7	
Deck Joints			X	X	No deck joints.
Temperature (deg. C)		0			
(Expansion Type :)					
(Fixed Type :)					
Gap Size (mm)		Gap Location			
Deck Drainage			7	7	
Drains Clogged (Y/N)		No			
Curbs/Median			X	X	
(Curb Type : Standard)					
Scaling (Percent Area)		0			
Bridge Rail			7	7	Steel & timber.
(Type : STEEL NON-STANDARD RAIL)					
Bridge Rail Posts			7	7	
(Type : POST STEEL;POST STEEL)					
Bridge Rail/Posts Coating			7	7	
(Type : PAINT)					
Sidewalk			X	X	
Girder/Beam					
Cover Plate			X	X	
Flange			7	7	
Web			7	7	
Stiffeners			7	7	
Splice			X	X	
Weld			7	7	
Diaphragms/Cross Frame			7	7	

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : WG, 1 Spans, Lengths(m): 15.5, A-Ident Number:)				
Paint Condition		7	7	Brown.
(Colour Description :)				
(Colour Code :)				
Touchup Required (Y/N)	No			
Bearings		X	X	No bearings. Bottom flange rests on concrete.
Temperature (deg. C)	0			
(Expansion Type :)				
(Fixed Type :)				
Coating Adequate (Y/N)				
Functioning (Y/N)				
Deck Underside		8	8	
Stains (Percent Area)	0			
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				
Bearing Seats/Caps		7	7	
(Type : CONCRETE)				
Backwalls/Breastwalls		7	7	
Wingwalls		X	X	
Piles		N	N	
Paint/Coating		X	X	
Abutment Stability		7	7	
Scour/Erosion		7	7	
Piers/Bents				
(Type :)				
Bearing Seats/Caps		X	X	
(Type :)				
(Total Number of Bearing Piles :)				
Pier Shaft/Piles		X	X	
Bracing/Struts/Sheathing		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 : N)		90 degree bend 20m D/S into Bighorn River.		
(D/S Direction : S)				
Alignment		6	6	
Bank Stability		7	7	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection		7	7	Bedrock/rubble.
(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		6	6	

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						
REPAINT SUPERSTRUCTURE						
STRAIGHTEN/REPLACE MEMBERS						
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) (%)	/79.0	Est. Repl. Yr	2053	Maint. Req. (Y/N)	No
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Special Comments for Next Inspection		Department Comments	
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Maintenance Reviewed By		Date		Estimated Total	0
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Proposed Long-Term Strategy	
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On 3-Year Program (Y/N)	
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Proposed Action	
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Previous Inspector's Name	Aime Theroux	Previous Assistant's Name	
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Next Inspection Date	06-Feb-2015	Previous Inspection Date	14-Nov-2007
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Inspection Cycle (Default) (months)	57
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Comment	
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