

Bridge Inspection										
Bridge File Number	84516 -1 Bridge				Form Type	TT				
Year Built/Year Supstr	1995/1995				Lot No.	4				
Bridge or Town Name	PRINCESS				Inspector Name	Garry Roberts				
Located Over	L SANDHILL C, 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	30-Jun-2011				
Legal Land Location	SW SEC 8 TWP 21 RGE 11 W4M				Data Entry By	Kelsey Roberts				
Longitude, Latitude	-111:29:47, 50:45:59				Data Entry Date	21-Jul-2011				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Joel Wozney				
Contract Main. Area	UNDEFINED CMA				Review Date	06-Jul-2011				
Clear Roadway/Skew					Dept. Reviewer Name	Tim Davies				
AAADT/Year					Dept. Review Date	27-Jul-2011				
Road Classification					Follow-Up By					
Detour Length (km)	1									
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	Not req.								
Hazard Marker At Bridge (Y/N)	No								
Remarks	Not req.								
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	5	Pedestrian bridge in Dinosaur Provincial Park campground.	
Vertical Alignment		5	5		
Roadway Width (m)	2.000				
Approach Bump		4	5		
Guardrail (Y/N)					
Guardrail		X	X		
Length (m)					
Current Standard (Y/N)					
Termination Type					
Drainage		9	7		
<b>Approach Road General Rating</b>		<b>5</b>	<b>5</b>		

Superstructure								
Bridge Component		Last	Now	Explanation of Condition				
(Primary Span : XT, 1 Spans, Lengths(m): 16.7, A-Ident Number: )								
<b>Special Features</b>								
Special Feature			X					
(Type : )								
Special Feature			X					
(Type : )								
Wearing Surface/Deck Top Detail Ratings								
	N (%)	1 (%)	2 (%)	3 (%)				
<b>Last</b>	0	0	0	0				
<b>Now</b>	0.0	0.0	0.0	0.0				
Wearing Surface/Deck Top			X	X				
(Material Type : )								
(Plank Thickness(mm) : )								
(Plank Width(mm) : )								
Deck Rideability			9	8				
Wheel Guards			X	X				
(Curb Type : <b>Standard</b> )								
(Type : )								
(Thickness(mm) : )								
(Width(mm) : )								
Bridge Rail			7	7	120mm x 120mm top rail with 4 - 140mm x 40mm rails - 1400mm high.			
(Type : <b>BRIDGE SOLID BEAM (EX. TIMBER RAILS)</b> )								
Bridge Rail Posts			8	7			90 x 90mm posts.	
(Type : <b>TREATED TIMBER;TREATED TIMBER</b> )								
Bridge Rail/Posts Coating			7	7				
(Type : )								
(No. of Stringers : 2)								
Stringer Detail Ratings								
	N (count)	1 (count)	2 (count)	3 (count)	170mm x 40mm layered glue laminated girders. Glue laminated diaphragms & steel rod lateral bracing.			
<b>Last</b>	0	0	0	0				
<b>Now</b>	0	0	0	0				
Stringers			8	7				
(Type : <b>UNTREATED TIMBER</b> )								
(Width(mm) : <b>170</b> )								
(Depth(mm) : <b>880</b> )								
(Spacing(mm) : <b>1500</b> )								
Sub Deck/Deck Underside			9	7	CCA. Wearing surface is subdeck.			
(Material Type : <b>TREATED TIMBER</b> )								
(Plank Thickness(mm) : <b>100</b> )								
(Plank Width(mm) : <b>150</b> )								
Defects (Percent Area)		0						
<b>Span Alignment Problems</b>								
Vertical (Y/N)		No						
Horizontal (Y/N)		No						
<b>Superstructure General Rating</b>			<b>8</b>	<b>7</b>				
Substructure								
Bridge Component		Last	Now	Explanation of Condition				
<b>Abutments</b>								
(Extended Backwall Piles (Y/N) : <b>N</b> )				Neoprene pad Bearings at South				
(Extended Backwall Piles Spacing(mm) : )								

Substructure						
Bridge Component		Last	Now	Explanation of Condition		
<b>(Total Number of Caps/Corbels : 1:1)</b>						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
<b>Last</b>	1	0	0	0	Steel caps	
<b>Now</b>	0	0	0	0		
Bearing Seats/Caps/Corbels				N	8	
(Type : <b>STEEL</b> )						
(Depth(mm) : <b>356</b> )						
(Width(mm) : <b>375</b> )						
Backwalls/Breastwalls				8	8	
Greatest Height (m)		1.20				
Wingwalls				7	7	
<b>(Total Number of Bearing Piles : 2:2)</b>						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
<b>Last</b>	100	0	0	0	West abut. piles buried	
<b>Now</b>	2	0	0	0		
Piles				N	8	
Paint/Coating				X	X	
Abutment Stability				8	8	
Scour/Erosion				6	6	
<b>Piers/Bents</b>						
(Type : )						
<b>(Total Number of Caps/Corbels : )</b>						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
<b>Last</b>	0	0	0	0		
<b>Now</b>						
Bearing Seats/Caps/Corbels				X	X	
(Type : )						
(Depth(mm) : )						
(Width(mm) : )						
<b>(Total Number of Bearing Piles : )</b>						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
<b>Last</b>	0	0	0	0		
<b>Now</b>						
Pier Shaft/Piles				X	X	
Greatest Height (m)						
Bracing/Struts/Sheathing				X	X	
Nose Plate				X	X	
Paint/Coating				X	X	
(Colour Description : )						
(Colour Code : )						
Pier Stability				X	X	
Scour				X	X	

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Debris (Y/N)	No			
<b>Substructure General Rating</b>		<b>8</b>	<b>8</b>	
Structure Usage				
		Last	Now	Explanation of Condition
<b>Channel</b>				
(U/S Direction : <b>S</b> )				On curve.
(D/S Direction : <b>N</b> )				
Alignment		5	5	
Bank Stability		5	5	Steep cut banks U/S & D/S.
HWM (m below Top of Curb)				No visible HWM
Drift (Y/N)	No			
Slope Protection		5	5	
(Type : <b>RIP RAP; RIP RAP</b> )				
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 : <b>NONE</b> )				
(Fish Compensation Measure 2 : <b>NONE</b> )				
<b>Channel General Rating</b>		<b>5</b>	<b>5</b>	

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							
<b>Structural Condition Rating (Last/Now) (%)</b>	<b>88.9/83.3</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>/87.1</b>	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	Tom Carey		Previous Assistant's Name				
Next Inspection Date	30-Mar-2016		Previous Inspection Date	30-Apr-2008			
Inspection Cycle (Default) (months)	57						
Comment							