

Bridge Inspection										
Bridge File Number	76874 -1 Bridge				Form Type	TT				
Year Built/Year Supstr	1910/1910				Lot No.	4				
Bridge or Town Name	DEL BONITA				Inspector Name	Garry Roberts				
Located Over	TRAIL-ANIMAL, OVER SP				Inspector Class	BR CLS A				
Located On	62:02 C1 13.804				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	20-Jan-2010				
Legal Land Location	NW SEC 8 TWP 2 RGE 21 W4M				Data Entry By	Kelsey Roberts				
Longitude, Latitude	-112:46:60, 49:06:43				Data Entry Date	20-Feb-2010				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Tom Carey				
Contract Main. Area	CMA25				Review Date	01-Feb-2010				
Clear Roadway/Skew	10.3 /				Dept. Reviewer Name	Lorenz Bohnert				
AADT/Year	330 / 2008 (A)				Dept. Review Date	02-Mar-2010				
Road Classification	RAU-209-110				Follow-Up By					
Detour Length (km)	11									
Allowable Load (t):	Single		Semi		Train		----> On Critical Spans ---->Critical Member			
Design Loading:								----> Primary Span		

Posting Information													
Required Vert. Clearance Posting (m)													
Posted Vertical Clearance (Y/N)		No											
Posted:	Lane	NB	On Bridge (m)		In Advance (Y/N)	No	Lane	SB	On Bridge (m)		In Advance (Y/N)	No	
Remarks		Not req.											
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	At Bridge (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	At Bridge (Y/N)	No	At Bridge (Y/N)	No	
Remarks		Not req.											

Hazard Marker At Bridge (Y/N)	No										
Remarks											
Other Sign Types											

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

Approach Road					
		Last	Now	Explanation of Condition	
Horizontal Alignment		6	6	Curve 80 m south, superelevated.	
Vertical Alignment		6	5	Blind crest curve to the north and 300 m south. No Passing SB lane	
Roadway Width (m)		10.300		Coordinates not correct- advised Byron.	
Approach Bump		8	7		
Guardrail (Y/N)		Yes			
Guardrail		8	7		
Length (m)		38.000			
Current Standard (Y/N)		Yes			
Termination Type		TURNED DOWN			
Drainage		8	7		
Approach Road General Rating		6	5		

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : TP, 1 Spans, Lengths(m): 1.8, A-Ident Number:)					
Special Features					
Special Feature			X		
(Type :)					
Special Feature			X		
(Type :)					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	
Last	0	0	0	0	
Now	0.0	0.0	0.0	0.0	
Wearing Surface/Deck Top		8	7		
(Material Type : ACP)					
(Plank Thickness (mm) : 50)					
(Plank Width (mm) :)					
Deck Rideability		8	7		
Wheel Guards		X	X		
(Curb Type :)					
(Type :)					
(Thickness (mm) :)					
(Width (mm) :)					
Bridge Rail		X	X	Guardrail over structure	
(Type :)					
Bridge Rail Posts		X	X		
(Type :)					
Bridge Rail/Posts Coating		X	X		
(Type :)					
(No. of Stringers : 14)				1.2m of fill over the structures	
Stringer Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last	0	0	0	0	
Now	0	0	0	0	
Stringers		7	6		
(Type : TREATED TIMBER)					
(Width (mm) : 140)					
(Depth (mm) : 150)					
(Spacing (mm) : 1200)					
Sub Deck/Deck Underside		X	6		
(Material Type : TREATED TIMBER)					
(Plank Thickness (mm) : 100)					
(Plank Width (mm) : 150)					
Defects (Percent Area)					
Span Alignment Problems					
Vertical (Y/N)	No				
Horizontal (Y/N)	No				
Superstructure General Rating		7	6		
Substructure					
Bridge Component		Last	Now	Explanation of Condition	
Abutments					
(Extended Backwall Piles (Y/N) : N)				Plank which stringers rest on is	
(Extended Backwall Piles Spacing (mm) :)				cracked centerline south	

Substructure					
Bridge Component		Last	Now	Explanation of Condition	
(Total Number of Caps/Corbels : 1:1)					
Bearing Seats/Caps/Corbels Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last	0	0	0	0	
Now	0	0	0	0	
Bearing Seats/Caps/Corbels			5	5	
(Type : TREATED TIMBER)					
(Depth (mm) : 300)					
(Width (mm) : 75)					
Backwalls/Breastwalls			7	6	
Greatest Height (m)		2.00			
Wingwalls			6	6	
(Total Number of Bearing Piles : 14:14)					
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last	0	0	0	0	
Now	0	0	0	0	
Piles			7	7	
Paint/Coating			X	X	
Abutment Stability			5	6	
Scour/Erosion			8	8	
Piers/Bents					
(Type :)					
(Total Number of Caps/Corbels :)					
Bearing Seats/Caps/Corbels Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last	0	0	0	0	
Now					
Bearing Seats/Caps/Corbels			X	X	
(Type :)					
(Depth (mm) :)					
(Width (mm) :)					
(Total Number of Bearing Piles :)					
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last	0	0	0	0	
Now					
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			
Substructure General Rating		5	5	
Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment		7	X	Cattlepass - not in use - no connector fence to right of way fence.
Traffic Safety Features		X	X	
Type				
Slope Protection		X	X	
(Type :)				
Bank Stability		N	7	
Drainage		7	7	
Grade Separation General Rating		7	7	

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							
Structural Condition Rating (Last/Now) (%)	66.7/61.1	Sufficiency Rating (Last/Now) (%)	63.3/60.8	Est. Repl. Yr	2025	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	Tim Davies		Previous Assistant's Name				
Next Inspection Date	20-Oct-2011		Previous Inspection Date	16-Jan-2009			
Inspection Cycle (Default) (months)	21						
Comment							