

Bridge Inspection										
Bridge File Number	74499 -1 Bridge				Form Type	TT				
Year Built/Year Supstr	1955/1955				Lot No.	4				
Bridge or Town Name	STANDARD				Inspector Name	Garry Roberts				
Located Over	TRAIL-ANIMAL, OVER SP				Inspector Class	BR CLS A				
Located On	840:02 C1 5.507				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	10-Jan-2012				
Legal Land Location	SW SEC 35 TWP 24 RGE 22 W4M				Data Entry By	Anne Roberts				
Longitude, Latitude	-112:58:52, 51:05:14				Data Entry Date	08-Feb-2012				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Tom Carey				
Contract Main. Area	CMA30				Review Date	18-Jan-2012				
Clear Roadway/Skew	10.1 / 0 deg.				Dept. Reviewer Name	Tim Davies				
AADT/Year	750 / 2010 (A)				Dept. Review Date	09-Feb-2012				
Road Classification	RCU-209-110				Follow-Up By					
Detour Length (km)	3									
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)										
Posted:	Lane	NB	On Bridge (m)		In Advance (Y/N)		Lane	SB	On Bridge (m)	In Advance (Y/N)
Remarks	Not req'd									
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		
Posted:	Lane	SB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No		
Remarks	Not req'd									

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

Utilities (Located at)										
Utility Attachments										
Telephone	West ROW				Gas	(15 m east-no marker)				
Power	East ROW				Municipal					
Others					Problem (Y/N)	No				
Remarks										

Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			5	5	On curve, on grade				
Vertical Alignment			6	6					
Roadway Width (m)		9.500							
Approach Bump			6	5					
Guardrail (Y/N)		Yes			5.8m over structure with no posts. Missing 2 posts over structure @ each side. Double layer flexbeam over structure.				
Guardrail			5	5					
Length (m)		45.000			Not thriebeam				
Current Standard (Y/N)		No							
Termination Type		TURNED DOWN							
Drainage			6	6					
Approach Road General Rating			5	5					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : TP, 1 Spans, Lengths(m): 3, 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			6	6	
(Material Type : ACP)					
(Plank Thickness(mm) : 200)					
(Plank Width(mm) :)					
Deck Rideability			7	7	
Wheel Guards			X	X	
(Curb Type : Standard)					
(Type :)					
(Thickness(mm) :)					
(Width(mm) :)					
Bridge Rail			4	4	Smaller timber than standard rail & posts Rot @ SW post - rail and posts are behind double layer flexbeam and are not required. 70% weathered off
(Type : BRIDGE SOLID BEAM (EX. TIMBER RAILS))					
Bridge Rail Posts			4	4	
(Type : TREATED TIMBER;TREATED TIMBER)					
Bridge Rail/Posts Coating			4	4	
(Type :)					
(No. of Stringers : Null)					
Stringer Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now					
Stringers			X	X	
(Type :)					
(Width(mm) :)					
(Depth(mm) :)					
(Spacing(mm) :)					
Sub Deck/Deck Underside			6	4	Beginning rot visible at ends of exterior planks
(Material Type : TREATED TIMBER)					
(Plank Thickness(mm) : 100)					
(Plank Width(mm) : 300)					
Defects (Percent Area)		1			
Span Alignment Problems					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			
Superstructure General Rating			6	4	

Substructure					
Bridge Component		Last	Now	Explanation of Condition	
Abutments					
(Extended Backwall Piles (Y/N) : Y)					
(Extended Backwall Piles Spacing(mm) : 1400)					
(Total Number of Caps/Corbels : 3:3)					
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				7	5
(Type : TREATED TIMBER)					
(Depth(mm) : 300)					
(Width(mm) : 300)					
Backwalls/Breastwalls				6	6
Greatest Height (m)		1.87			
Wingwalls				6	6
(Total Number of Bearing Piles : 9:9)					
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now	0	0	0	0	
Piles				6	5
Paint/Coating				X	X
Abutment Stability				6	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					
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					
Now					
Pier Shaft/Piles				X	X
Greatest Height (m)					
Bracing/Struts/Sheathing				7	6
6 x 8 struts at all piles					
Nose Plate				X	X

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Paint/Coating		X	X	
(Colour Description :)				
(Colour Code :)				
Pier Stability		X	X	
Scour		X	X	
Debris (Y/N)	No			
Substructure General Rating		6	5	

Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment		8	X	
Traffic Safety Features		X	X	
Type				
Slope Protection		X	6	
(Type : NATURAL; NATURAL)				
Bank Stability		8	8	
Drainage		5	6	
Grade Separation General Rating		8	6	

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) (%)	66.7/50.0	Sufficiency Rating (Last/Now) (%)	64.1/53.5	Est. Repl. Yr	2020	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	Jason Rusu		Previous Assistant's Name	Diego Alvarez			
Next Inspection Date	10-Apr-2015		Previous Inspection Date	21-Oct-2008			
Inspection Cycle (Default) (months)	39						
Comment							