

Bridge Inspection										
Bridge File Number	84095 -1 Bridge				Form Type	SG				
Year Built/Year Supstr	1988/1988				Lot No.	4				
Bridge or Town Name	PEDESTRIAN TRAIL OVER LOCAL ROAD NEAR CANMORE				Inspector Name	Garry Roberts				
					Inspector Class	BR CLS A				
Located Over	LOCAL ROAD				Assistant Name					
Located On	PEDESTRIAN TRAIL;TRAIL-PED				Assistant Class					
Water Body Cl./Year					Inspection Date	19-Jul-2012				
Navigabil. Cl./Year					Data Entry By	Kelsey Roberts				
Legal Land Location	NE SEC 31 TWP 24 RGE 10 W5M				Data Entry Date	31-Aug-2012				
Longitude, Latitude	-115:22:54, 51:05:28				Reviewer Name	Tom Carey				
Road Authority	Alberta Transportation (AIT)				Review Date	27-Jul-2012				
Contract Main. Area	UNDEFINED CMA				Dept. Reviewer Name	Tim Davies				
Clear Roadway/Skew	4.6 /				Dept. Review Date	06-Sep-2012				
AADT/Year					Follow-Up By					
Road Classification	RLU-208G-60									
Detour Length (km)										
Allowable Load (t):	Single		Semi		Train					
Design Loading:						----> On Critical Spans ---->Critical Member				
						----> 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				
Posted:	Lane	SB	At Junction (Y/N)	No	In Advance (Y/N)	Yes	At Bridge (Y/N)	No				
Remarks	Not req.											
Hazard Marker At Bridge (Y/N)		No										
Remarks		Not req.										
Other Sign Types		Canmore Trail- NC 3										

Utilities (Located at)											
Utility Attachments											
Telephone					Gas						
Power					Municipal						
Others					Problem (Y/N)	No					
Remarks	None visible										

Approach Road										
				Last	Now	Explanation of Condition				
Horizontal Alignment				5	5	NC 3				
Vertical Alignment				5	5	Relocated near jct. 43				
Roadway Width (m)		4.600				Gravel path				
Approach Bump				4	5					
Guardrail (Y/N)		Yes				CCA timber approach rails				
Guardrail				X	7					
Length (m)		5.500								
Current Standard (Y/N)		Yes								
Termination Type		E'								
Drainage				4	7					
Approach Road General Rating				5	5					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : RB, 1 Spans, Lengths(m): 7.9, 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			7	7	CCA- 75x250
(Material Type : COPPER CHROMATE ARSENATE TREATED TIMBER)					
(Thickness(mm) : 75)					
Deck Top			7	7	
Deck Rideability			7	7	
Deck Joints			X	X	
Temperature (deg. C)					
(Expansion Type :)					
(Fixed Type :)					
Gap Size (mm)		Gap Location			
Deck Drainage			7	X	
Drains Clogged (Y/N)		No			
Curbs/Median			7	X	
(Curb Type : Standard)					
Scaling (Percent Area)					
Bridge Rail			7	7	20% failed- top rail is painted others are CCA
(Type : COPPER CHROMATE ARSENATE TREATED TIMBER BRIDGE SOLID BEAM (EX. TIMBER RAILS))					
Bridge Rail Posts		7	7		
(Type : TREATED TIMBER;TREATED TIMBER)					
Bridge Rail/Posts Coating		5	4		
(Type : PAINT)					
Sidewalk			X	X	
Girder/Beam					
Cover Plate			X	X	
Flange			9	8	
Web			9	8	
Stiffeners			X	X	
Splice			X	X	
Weld			X	X	
Diaphragms/Cross Frame			9	8	

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : RB, 1 Spans, Lengths(m): 7.9, A-Ident Number:)				
Paint Condition		8	7	
(Colour Description : BROWN)				
(Colour Code : 30252)				
Touchup Required (Y/N)	No			
Bearings		N	N	Too High Too see
Temperature (deg. C)				
(Expansion Type : REINFORCED NEOPRENE BEARING WITH TEFLON AND STAINLESS STEEL)				
(Fixed Type : REINFORCED NEOPRENE BEARING WITH TEFLON AND STAINLESS STEEL)				
Coating Adequate (Y/N)				
Functioning (Y/N)				
Deck Underside		8	8	150x150 CCA Timber deck
Stains (Percent Area)	5			
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating		8	8	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps		N	N	
(Type : TREATED TIMBER)				
Backwalls/Breastwalls		8	8	150x150 CCA Timber cribbing
Wingwalls		8	8	150x150 CCA Timber crib
Piles		N	N	
Paint/Coating		X	X	
Abutment Stability		8	8	
Scour/Erosion		8	8	
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				
Bridge Component		Last	Now	Explanation of Condition
Substructure General Rating		8	8	
Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment		7	7	Gravel path
Traffic Safety Features		X	X	
Type				
Slope Protection		7	7	
(Type : NATURAL; NATURAL)				
Bank Stability		7	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							
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) (%)	88.9/88.9	Sufficiency Rating (Last/Now) (%)	73.6/61.6	Est. Repl. Yr	2045	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	19-Oct-2015		Previous Inspection Date	18-Jul-2007			
Inspection Cycle (Default) (months)	39						
Comment							