

Bridge Inspection										
Bridge File Number	84046 -2 Bridge				Form Type	SG				
Year Built/Year Supstr	2007/2007				Lot No.	4				
Bridge or Town Name	CANMORE				Inspector Name	Garry Roberts				
Located Over	LOCAL ROAD				Inspector Class	BR CLS A				
Located On	TRAIL-PED, ON 50000 PS				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	19-Jul-2012				
Legal Land Location	NE SEC 31 TWP 24 RGE 10 W5M				Data Entry By	Kelsey Roberts				
Longitude, Latitude	-115:23:07, 51:05:32				Data Entry Date	27-Aug-2012				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Tom Carey				
Contract Main. Area	UNDEFINED CMA				Review Date	27-Jul-2012				
Clear Roadway/Skew	4.6 /				Dept. Reviewer Name	Tim Davies				
AADT/Year					Dept. Review Date	06-Sep-2012				
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 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)	No	At Bridge (Y/N)	No				
Remarks		Not req.										
Hazard Marker At Bridge (Y/N)		No										
Remarks		Not req.										
Other Sign Types		Renners Revenge Coop										

Utilities (Located at)											
Utility Attachments											
Telephone					Gas						
Power					Municipal	Water pipes NW & SW					
Others					Problem (Y/N)	No					
Remarks											

Approach Road										
				Last	Now	Explanation of Condition				
Horizontal Alignment				5	5	NC2				
Vertical Alignment				5	5	South of Winter Junction 101				
Roadway Width (m)		10.100								
Approach Bump				N	5					
Guardrail (Y/N)		Yes								
Guardrail				8	8	Steel				
Length (m)		15.000								
Current Standard (Y/N)		Yes								
Termination Type		end post								
Drainage				7	7					
Approach Road General Rating				5	5					

Superstructure							
Bridge Component		Last	Now	Explanation of Condition			
(Primary Span : RB, 3 Spans, Lengths(m): 20.8-8-20.9, 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			8	8	75x205 CCA		
(Material Type : TREATED TIMBER)							
(Thickness(mm) : 75)							
Deck Top			8	8			
Deck Rideability			8	8			
Deck Joints			8	8	@ South @ North. Buffers sealed with silicone caulking.		
Temperature (deg. C)		25					
(Expansion Type : GLAND (WABO-MAUER, TRANSFLEX, ETC))							
(Fixed Type : BUFFER ANGLES)							
Gap Size (mm)		Gap Location					
10			North Abut				
35			South Abut				
Deck Drainage			8	X			
Drains Clogged (Y/N)		No					
Curbs/Median			X	X			
(Curb Type : Standard)							
Scaling (Percent Area)							
Bridge Rail			8	8			
(Type : STEEL BRIDGE TUBE)							
Bridge Rail Posts		8	8				
(Type : POST STEEL;POST STEEL)							
Bridge Rail/Posts Coating		8	7				
(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			X	8			

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : RB, 3 Spans, Lengths(m): 20.8-8-20.9, A-Ident Number:)					
Paint Condition		9	7		
(Colour Description : RED)					
(Colour Code : 21310)					
Touchup Required (Y/N)	No				
Bearings		N	N	too high too see	
Temperature (deg. C)	25				
(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 timbers	
Stains (Percent Area)	0				
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		N	8	150x150 CCA Timber Crib	
Wingwalls		N	8	150x150 CCA Timber Crib	
Piles		N	N	Buried	
Paint/Coating		X	7	Paint on timber	
Abutment Stability		9	8		
Scour/Erosion		7	7		
Piers/Bents					
(Type : PIER-COLUMN)					
Bearing Seats/Caps		X	X		
(Type : TREATED TIMBER)					
(Total Number of Bearing Piles : 0:0)					
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		9	8	
Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment		5	5	On curves and grade to East
Traffic Safety Features		X	X	
Type				
Slope Protection		N	7	
(Type : NATURAL)				
Bank Stability		N	7	
Drainage		7	7	
Grade Separation General Rating		5	5	

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) (%)	94.4/88.9	Sufficiency Rating (Last/Now) (%)	/85.5	Est. Repl. Yr	2060	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-Apr-2017		Previous Inspection Date	18-Jul-2007			
Inspection Cycle (Default) (months)	57						
Comment							