

Bridge Inspection										
Bridge File Number	84063 -1 Bridge				Form Type	SG				
Year Built/Year Supstr	1988/1988				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	20-Jul-2012				
Legal Land Location	SE SEC 1 TWP 25 RGE 11 W5M				Data Entry By	Kelsey Roberts				
Longitude, Latitude	-115:24:05, 51:06:15				Data Entry Date	31-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)										
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)		Lane	SB	On Bridge (m)	In Advance (Y/N)					
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															

Utilities (Located at)										
Utility Attachments										
Telephone					Gas					
Power					Municipal	water pipes NW & SE				
Others	Light standards NW & SE				Problem (Y/N)	No				
Remarks										

Approach Road										
				Last	Now	Explanation of Condition				
Horizontal Alignment				5	5	NC20				
Vertical Alignment				5	5					
Roadway Width (m)		4.600								
Approach Bump				7	5					
Guardrail (Y/N)		Yes		CCA Timber rail						
Guardrail				X	7					
Length (m)		5.000								
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): 4.9-14.9-5, 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		6	7	75x250 CCA			
(Material Type : COPPER CHROMATE ARSENATE TREATED TIMBER;UNTREATED TIMBER)							
(Thickness(mm) : 75)							
Deck Top		6	7				
Deck Rideability		X	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)							
Curbs/Median		X	X				
(Curb Type : Standard)							
Scaling (Percent Area)							
Bridge Rail		7	7	5% failed			
(Type : TREATED TIMBER BRIDGE SOLID BEAM (EX. TIMBER RAILS))							
Bridge Rail Posts		7	7				
(Type : TREATED TIMBER;TREATED TIMBER)							
Bridge Rail/Posts Coating		5	5				
(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	8				
Diaphragms/Cross Frame		9	8				

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : RB, 3 Spans, Lengths(m): 4.9-14.9-5, A-Ident Number:)				
Paint Condition		8	7	
(Colour Description : BROWN)				
(Colour Code : 30252;)				
Touchup Required (Y/N)	No			
Bearings		N	N	too high to 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
Stains (Percent Area)	2			
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 Crib
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 : 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		8	8	
Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment		8	7	
Traffic Safety Features		X	X	
Type				
Slope Protection		8	7	
(Type : NATURAL; NATURAL)				
Bank Stability		8	7	
Drainage		8	7	
Grade Separation General Rating		8	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) (%)	/88.0	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	20-Apr-2017		Previous Inspection Date	18-Jul-2007			
Inspection Cycle (Default) (months)	57						
Comment							