

Bridge Inspection										
Bridge File Number	84061 -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	23-Jul-2012			
Legal Land Location	NE SEC 31 TWP 24 RGE 10 W5M					Data Entry By	Kelsey Roberts			
Longitude, Latitude	-115:23:10, 51:05:37					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)	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	NC 18											

Utilities (Located at)										
Utility Attachments										
Telephone						Gas				
Power						Municipal	Waterlines @ SE			
Others						Problem (Y/N)	No			
Remarks										

Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			5	5	NC18				
Vertical Alignment			5	5	Trail is marked closed				
Roadway Width (m)	4.000				Gravel path				
Approach Bump			4	5					
Guardrail (Y/N)	Yes								
Guardrail			X	7					
Length (m)	4.000								
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): 4.1-7.9-4.1, 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	7	CCA 75x250
(Material Type : COPPER CHROMATE ARSENATE TREATED TIMBER)					
(Thickness(mm) : 75)					
Deck Top			8	7	
Deck Rideability			8	8	
Deck Joints			X	X	
Temperature (deg. C)					
(Expansion Type :)					
(Fixed Type :)					
Gap Size (mm)		Gap Location			
Deck Drainage			8	X	
Drains Clogged (Y/N)		No			
Curbs/Median			X	X	
(Curb Type : Standard)					
Scaling (Percent Area)					
Bridge Rail			7	7	5% failure on top plank
(Type : COPPER CHROMATE ARSENATE TREATED BRIDGE SOLID BEAM (EX. TIMBER RAILS))					
Bridge Rail Posts			7	7	
(Type : COPPER CHROMATE ARSENATE TREATED TIMBER;COPPER CHROMATE ARSENATE 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	X	
Diaphragms/Cross Frame			9	8	

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : RB, 3 Spans, Lengths(m): 4.1-7.9-4.1, 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)	26			
(Expansion Type :)				
(Fixed Type :)				
Coating Adequate (Y/N)				
Functioning (Y/N)				
Deck Underside		8	8	150x150 CCA Timber
Stains (Percent Area)	5			
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating		9	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		9	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 General Rating		8	8	

Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment		5	5	Trail marked closed
Traffic Safety Features		X	X	
Type				
Slope Protection		7	7	
(Type : NATURAL; NATURAL)				
Bank Stability		7	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	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	23-Apr-2017		Previous Inspection Date	17-Jul-2007			
Inspection Cycle (Default) (months)	57						
Comment							