

Bridge Inspection										
Bridge File Number	84051 -1 Bridge				Form Type	SG				
Year Built/Year Supstr	1988/1988				Lot No.	2				
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	NW SEC 31 TWP 24 RGE 10 W5M				Data Entry By	Kelsey Roberts				
Longitude, Latitude	-115:23:14, 51:05:29				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	6 /				Dept. Reviewer Name	Tim Davies				
AADT/Year					Dept. Review Date	06-Sep-2012				
Road Classification	RLU-208G-60				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	WB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No				
Posted:	Lane	EB	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 8											

Utilities (Located at)										
Utility Attachments										
Telephone					Gas					
Power					Municipal					
Others	Light Standard West				Problem (Y/N)	No				
Remarks										

Approach Road										
			Last	Now	Explanation of Condition					
Horizontal Alignment			5	5	NC 8					
Vertical Alignment			5	5						
Roadway Width (m)	5.000				Gravel path					
Approach Bump			7	5						
Guardrail (Y/N)	Yes									
Guardrail			X	7	CCA timber rails					
Length (m)	3.000									
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, 1 Spans, Lengths(m): 15, 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		4	4	12 planks loose and sitting up 30mm	
(Material Type : COPPER CHROMATE ARSENATE TREATED TIMBER)		75x250 CCA			
(Thickness(mm) : 75)					
Deck Top		4	5		
Deck Rideability		5	6		
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		X	X		
(Curb Type : Standard)					
Scaling (Percent Area)					
Bridge Rail		7	7	5% failed on top plank	
(Type : UNTREATED TIMBER BRIDGE SOLID BEAM (EX. TIMBER RAILS);BRIDGE SOLID BEAM (EX. TIMBER RAILS))					
Bridge Rail Posts		7	7		
(Type : 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, 1 Spans, Lengths(m): 15, A-Ident Number:)				
Paint Condition		5	5	Minor isolated corrosion
(Colour Description : BROWN)				
(Colour Code : 30252)				
Touchup Required (Y/N)	No			
Bearings		N	7	
Temperature (deg. C)	25			
(Expansion Type : REINFORCED PAD BEARING)				
(Fixed Type :)				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside		8	7	150x150 CCA timber
Stains (Percent Area)	2			
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating		8	7	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps		N	7	
(Type : TREATED TIMBER)				
Backwalls/Breastwalls		8	7	150x150 CCA timber crib
Wingwalls		8	7	150x150 CCA timber crib
Piles		N	N	
Paint/Coating		X	X	
Abutment Stability		8	8	
Scour/Erosion		8	7	
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 General Rating		8	7	

Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment		X	7	
Traffic Safety Features		X	X	
Type				
Slope Protection		X	7	
(Type : NATURAL)				
Bank Stability		X	7	
Drainage		X	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	2012	Lag Screw in 12 planks					
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) (%)	88.9/77.8	Sufficiency Rating (Last/Now) (%)	/83.6	Est. Repl. Yr	2045	Maint. Req. (Y/N)	Yes
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	17-Jul-2007			
Inspection Cycle (Default) (months)	57						
Comment							