

Bridge Inspection									
Bridge File Number	84060 -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	23-Jul-2012			
Legal Land Location	NE SEC 31 TWP 24 RGE 10 W5M				Data Entry By	Kelsey Roberts			
Longitude, Latitude	-115:23:07, 51:05:36				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	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)													
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											

Utilities (Located at)									
Utility Attachments									
Telephone					Gas				
Power					Municipal	Water Pipes @ NE			
Others	Light standards to east				Problem (Y/N)	No			
Remarks									

Approach Road				
		Last	Now	Explanation of Condition
Horizontal Alignment		5	5	NC17 Trail has been relocated and bridge is currently not in use.
Vertical Alignment		5	5	
Roadway Width (m)	4.600			NE side slope eroded out.
Approach Bump		4	4	
Guardrail (Y/N)	Yes			Guardrail posts undermined @ end two.
Guardrail		3	3	
Length (m)	12.000			
Current Standard (Y/N)	Yes			
Termination Type	end post			
Drainage		3	3	Erosion at NE
<b>Approach Road General Rating</b>		<b>5</b>	<b>5</b>	

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : <b>RB, 3 Spans, Lengths(m): 4-8-4.1, A-Ident Number: )</b>					
<b>Special Features</b>					
Special Feature			X		
(Type : )					
Special Feature			X		
(Type : )					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	
<b>Last</b>	0	0	0	0	
<b>Now</b>	0.0	0.0	0.0	0.0	
Wearing Surface			7	7	CCA- 75x250
(Material Type : <b>COPPER CHROMATE ARSENATE TREATED TIMBER</b> )					
(Thickness(mm) : <b>75</b> )					
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			X	X	
Drains Clogged (Y/N)					
Curbs/Median			X	X	
(Curb Type : <b>Standard</b> )					
Scaling (Percent Area)					
Bridge Rail			5	5	Minor damage @ SE  5% failed
(Type : <b>TREATED TIMBER BRIDGE SOLID BEAM (EX. TIMBER RAILS)</b> )					
Bridge Rail Posts			7	7	
(Type : <b>UNTREATED TIMBER;TREATED TIMBER</b> )					
Bridge Rail/Posts Coating			5	5	
(Type : <b>PAINT</b> )					
Sidewalk			X	X	
<b>Girder/Beam</b>					
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 : <b>RB, 3 Spans, Lengths(m): 4-8-4.1, A-Ident Number: )</b>				
Paint Condition		4	4	West girder and girder 3 peeled at top coat. primer underneath is sound
(Colour Description : <b>BROWN</b> )				
(Colour Code : <b>30252;</b> )				
Touchup Required (Y/N)	No			
Bearings		N	N	Too High to see
Temperature (deg. C)				
(Expansion Type : <b>REINFORCED NEOPRENE BEARING WITH TEFLON AND STAINLESS STEEL</b> )				
(Fixed Type : <b>REINFORCED NEOPRENE BEARING WITH TEFLON AND STAINLESS STEEL</b> )				
Coating Adequate (Y/N)				
Functioning (Y/N)				
Deck Underside		8	7	150x150 CCA Timber
Stains (Percent Area)	5			
<b>Span Alignment Problems</b>				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
<b>Superstructure General Rating</b>		<b>8</b>	<b>7</b>	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
<b>Abutments</b>				
Bearing Seats/Caps		N	N	
(Type : <b>TREATED TIMBER</b> )				
Backwalls/Breastwalls		8	8	CCA Timber
Wingwalls		3	4	Erosion along NE wingwall
Piles		N	N	
Paint/Coating		X	X	
Abutment Stability		8	8	
Scour/Erosion		8	8	
<b>Piers/Bents</b>				
(Type : <b>PIER-COLUMN</b> )				
Bearing Seats/Caps		X	X	
(Type : <b>TREATED TIMBER</b> )				
(Total Number of Bearing Piles : <b>0:0</b> )				
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
<b>Substructure General Rating</b>		<b>8</b>	<b>8</b>	
Structure Usage				
		Last	Now	Explanation of Condition
<b>Grade Separation</b>				
Road Alignment		5	5	Trail currently closed
Traffic Safety Features		X	X	
Type				
Slope Protection		7	7	
(Type : <b>NATURAL; NATURAL</b> )				
Bank Stability		7	7	
Drainage		7	7	
<b>Grade Separation General Rating</b>		<b>5</b>	<b>5</b>	

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	2015	Bring Approaches up to grade - 2m3 Granular					
OTHER ACTION	2015	Repair NE Sideslope Bin wall or 50m3 rock & fill					
OTHER ACTION							
OTHER ACTION							
<b>Structural Condition Rating (Last/Now) (%)</b>	<b>88.9/83.3</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>/83.0</b>	Est. Repl. Yr	2045	Maint. Req. (Y/N)	Yes
Special Comments for Next Inspection	Park staff has requested bridge be removed.		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							