

Bridge Inspection										
Bridge File Number	84059 -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, 51:05:36					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						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)												
Posted:	Lane	NB	On Bridge (m)		In Advance (Y/N)	No	Lane	SB	On Bridge (m)		In Advance (Y/N)	No
Remarks												
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												

Hazard Marker At Bridge (Y/N)											
Remarks											
Other Sign Types											

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

Approach Road					
		Last	Now	Explanation of Condition	
Horizontal Alignment		5	5	NC16	
Vertical Alignment		5	5	Path has been relocated East and bridge is currently closed to use.	
Roadway Width (m)					
Approach Bump		5	5		
Guardrail (Y/N)					
Guardrail		7	7		
Length (m)	12.000				
Current Standard (Y/N)	Yes				
Termination Type	end post				
Drainage		7	7		
<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): 3.9-7.9-3.9, 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	
<b>Now</b>	0.0	0.0	0.0	0.0	
Wearing Surface			7	7	CCA- 75x250
(Material Type : <b>UNTREATED 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			7	X	
Drains Clogged (Y/N)		No			
Curbs/Median			X	X	
(Curb Type : <b>Standard</b> )					
Scaling (Percent Area)					
Bridge Rail			7	7	5% failed at top rail
(Type : <b>TREATED TIMBER BRIDGE SOLID BEAM (EX. TIMBER RAILS)</b> )					
Bridge Rail Posts		7	7		
(Type : <b>TREATED 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): 3.9-7.9-3.9, A-Ident Number: )</b>				
Paint Condition		8	7	
(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	8	CCA Timber
Stains (Percent Area)	2			
<b>Span Alignment Problems</b>				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
<b>Superstructure General Rating</b>		<b>8</b>	<b>8</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		8	8	CCA Timber
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	
Traffic Safety Features		X	X	
Type				
Slope Protection		5	7	
(Type : <b>NATURAL; NATURAL</b> )				
Bank Stability		8	7	
Drainage		8	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						
OTHER ACTION						
OTHER ACTION						
OTHER ACTION						

<b>Structural Condition Rating (Last/Now) (%)</b>	<b>88.9/88.9</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>/85.5</b>	Est. Repl. Yr	2045	Maint. Req. (Y/N)	No
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Special Comments for Next Inspection		Department Comments	
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Maintenance Reviewed By		Date		Estimated Total	0
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Proposed Long-Term Strategy	
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On 3-Year Program (Y/N)	
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Proposed Action	
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Previous Inspector's Name	Tom Carey	Previous Assistant's Name	
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Next Inspection Date	23-Apr-2017	Previous Inspection Date	17-Jul-2007
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Inspection Cycle (Default) (months)	57
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Comment	
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