

Bridge Inspection										
Bridge File Number	84049 -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	22-Jul-2012			
Legal Land Location	NE SEC 31 TWP 24 RGE 10 W5M					Data Entry By	Kelsey Roberts			
Longitude, Latitude	-115:23:00, 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	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	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												

Utilities (Located at)									
Utility Attachments									
Telephone					Gas				
Power					Municipal				
Others					Water pipes to west NW & SE				
Remarks					Light standard @ NE				
					Problem (Y/N)				
					No				

Approach Road					
		Last	Now	Explanation of Condition	
Horizontal Alignment		5	5	NC5 Paved path	
Vertical Alignment		5	5		
Roadway Width (m)		4.000			
Approach Bump		8	8		
Guardrail (Y/N)		Yes			
Guardrail		X	9		
Length (m)		5.000			
Current Standard (Y/N)		Yes			
Termination Type		End Post			
Drainage		8	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): 4.7-8.1-4.7, 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			8	8	
(Material Type : <b>ACP</b> )					
(Thickness(mm) : <b>50</b> )					
Deck Top			N	N	
Deck Rideability			8	8	
Deck Joints			X	X	
Temperature (deg. C)					
(Expansion Type : )					
(Fixed Type : )					
Gap Size (mm)		Gap Location			
Deck Drainage			8	7	
Drains Clogged (Y/N)					
Curbs/Median			X	X	
(Curb Type : <b>Standard</b> )					
Scaling (Percent Area)					
Bridge Rail			8	9	
(Type : <b>STEEL BRIDGE TUBE</b> )					
Bridge Rail Posts		8	9		
(Type : <b>POST STEEL</b> )					
Bridge Rail/Posts Coating		8	8		
(Type : <b>PAINT</b> )					
Sidewalk			X	X	
<b>Girder/Beam</b>					
Cover Plate		X	X	Bridge Widened	
Flange		9	9		
Web		9	9		
Stiffeners		X	X		
Splice		X	X		
Weld		X	X		
Diaphragms/Cross Frame		9	9		

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : <b>RB, 3 Spans, Lengths(m): 4.7-8.1-4.7, 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 too see
Temperature (deg. C)				
(Expansion Type : )				
(Fixed Type : )				
Coating Adequate (Y/N)				
Functioning (Y/N)				
Deck Underside		8	8	150x150 CCA Timber
Stains (Percent Area)	0			
<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	9	
(Type : <b>TREATED TIMBER</b> )				
Backwalls/Breastwalls		8	8	150x150 CCA Timber crib
Wingwalls		8	8	150x150 CCA Timber crib
Piles		N	N	Buried
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			
<b>Substructure General Rating</b>		<b>8</b>	<b>8</b>	

Structure Usage				
		Last	Now	Explanation of Condition
<b>Grade Separation</b>				
Road Alignment		7	7	
Traffic Safety Features		X	X	
Type				
Slope Protection		4	8	
(Type : <b>CONCRETE</b> )				
Bank Stability		4	5	
Drainage		3	5	
<b>Grade Separation General Rating</b>		<b>4</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
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	22-Apr-2017		Previous Inspection Date	18-Jul-2007			
Inspection Cycle (Default) (months)	57						
Comment							