

Bridge Inspection										
Bridge File Number	84062 -1 Bridge				Form Type	SG				
Year Built/Year Supstr	1988/1988				Lot No.	3				
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	-115:23:05, 51:05:37				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	6.1 /				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	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 to SE					
Others	Light standards NW & SE				Problem (Y/N)	No					
Remarks											

Approach Road									
		Last		Now		Explanation of Condition			
Horizontal Alignment		5		5		NC19			
Vertical Alignment		5		5					
Roadway Width (m)		6.000							
Approach Bump		9		8					
Guardrail (Y/N)		Yes				CCA timber approaches			
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): 4.1-8-4.2, 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	8	2.5m of stripdeck visible at East side.
(Material Type : ACP)					
(Thickness(mm) : 50)					
Deck Top			8	N	ACP On CCA treated timber strip deck
Deck Rideability			8	8	
Deck Joints			X	X	
Temperature (deg. C)					
(Expansion Type :)					
(Fixed Type :)					
Gap Size (mm)		Gap Location			
Deck Drainage			7	7	
Drains Clogged (Y/N)		No			
Curbs/Median			X	X	
(Curb Type : Standard)					
Scaling (Percent Area)					
Bridge Rail			7	7	@ east side only
(Type : TREATED TIMBER BRIDGE SOLID BEAM (EX. TIMBER RAILS))					
Bridge Rail Posts			7	7	50% failed
(Type : TREATED TIMBER;TREATED TIMBER)					
Bridge Rail/Posts Coating			5	4	
(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): 4.1-8-4.2, A-Ident Number:)				
Paint Condition		8	7	
(Colour Description : BROWN)				
(Colour Code : 30252)				
Touchup Required (Y/N)	No			
Bearings		N	7	Exp. at A1 South
Temperature (deg. C)	25			
(Expansion Type : SLIDING PLATE)				
(Fixed Type : REINFORCED PAD BEARING)				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside		8	7	150x150 CCA Timber
Stains (Percent Area)	1			
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	8	
(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		8	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		X	X	West 1/2 of bridge has been back filled. No Roadway under bridge
Traffic Safety Features		X	X	
Type				
Slope Protection (Type : NATURAL)		8	7	
Bank Stability		8	7	
Drainage		8	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	2013	Paint top rail East side- Brown paint					
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) (%)	88.9/83.3	Sufficiency Rating (Last/Now) (%)	/85.5	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	22-Apr-2017		Previous Inspection Date	17-Jul-2007			
Inspection Cycle (Default) (months)	57						
Comment							