

Bridge Inspection										
Bridge File Number	78112 -1 Bridge					Form Type	PCS			
Year Built/Year Supstr	1975/1975					Lot No.	4			
Bridge or Town Name	CANMORE					Inspector Name	Garry Roberts			
Located Over	MUNICIPAL					Inspector Class	BR CLS A			
Located On	40:12 C1 47.892					Assistant Name				
Water Body Cl./Year						Assistant Class				
Navigabil. Cl./Year						Inspection Date	27-Mar-2013			
Legal Land Location	SE SEC 35 TWP 24 RGE 8 W5M					Data Entry By	Lauren Korte			
Longitude, Latitude	-115:00:34, 51:05:13					Data Entry Date	11-Apr-2013			
Road Authority	Alberta Transportation (AIT)					Reviewer Name	Tom Carey			
Contract Main. Area	CMA28					Review Date	10-Apr-2013			
Clear Roadway/Skew	11.3 /					Dept. Reviewer Name	Tim Davies			
AADT/Year	2,630 / 2012 (A)					Dept. Review Date	06-May-2013			
Road Classification	RAU-210-110					Follow-Up By				
Detour Length (km)	5									
Allowable Load (t):	Single	CS1 28			Semi	CS2 49		Train	CS3 62	----> On Critical Spans ---->Critical Member
Design Loading:	CS750									----> Primary Span

Posting Information													
Required Vert. Clearance Posting (m)			UNDER: MUNICIPAL 3.6m										
Posted Vertical Clearance (Y/N)			Yes										
Posted:	Lane	EB	On Bridge (m)	3.7	In Advance (Y/N)	Yes	Lane	WB	On Bridge (m)	3.7	In Advance (Y/N)	Yes	
Remarks		Posting is on local road under bridge.											
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				No	
Posted:	Lane	SB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No					
Remarks		Not required.											
Hazard Marker At Bridge (Y/N)		No											
Remarks													
Other Sign Types													

Utilities (Located at)									
Utility Attachments									
Telephone	At East and West r/w.				Gas	200 m North.			
Power					Municipal				
Others					Problem (Y/N)	No			
Remarks		Telephone cable under bridge at North abutment.							

Approach Road				
		Last	Now	Explanation of Condition
Horizontal Alignment		6	6	Built over a curve, limited sight distance on South end.
Vertical Alignment		7	7	
Roadway Width (m)	11.300			
Approach Bump		6	6	
Guardrail (Y/N)		Yes		Minor damage at NW attachment to bridge.
Guardrail		4	4	Missing 6 splice bolts at NW.
Length (m)	26.000			
Current Standard (Y/N)		No		Not thrie beam.
Termination Type		TURNED DOWN		
Drainage		7	7	
Approach Road General Rating		6	6	

Superstructure						
Bridge Component		Last	Now	Explanation of Condition		
(Primary Span : VSO, 3 Spans, Lengths(m): 7.6-9.1-7.6, 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			6	6	Longitudinal cracks between girders & some random cracks - epoxy sealed.	
(Material Type : CONCRETE)						
(Thickness(mm) : 125)						
Lateral Connection Problem (Y/N)		No				
Deck Top			N	N		
Deck Rideability			7	7		
Deck Joints			7	7	Buffer angles at abuts. Continuous over piers.	
Bump (Y/N)		No				
Deck Drainage			7	7	No drains. Superelevated.	
Drains Clogged (Y/N)		No				
Curbs/Median			6	6	Minor corrosion stains at West fascia.	
(Curb Type : Standard)						
Scaling (Percent Area)		0				
Bridge Rail			7	7	9 A/B nuts not fully engaged. Galvanized.	
(Type : GALVANIZED STEEL BRIDGE TUBE)						
Bridge Rail Posts		4	4			
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)						
Bridge Rail/Posts Coating		6	6			
(Type : GALVANIZED)						
Sidewalk			X	X		
Girder Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last	0	0	0	0		
Now	0	0	0	0		
Girders			5	5	3 holes at bottom of West curb to release moisture at center span. Narrow longitudinal cracks @ West Exterior girder at center span at bottom and other isolated girders. 120mm narrow crack and rust spot at Sp.3- G9. Isolated rust spots at pier ends.	
Last Complete Inspection Date		27-Mar-2013				
Cracking (Y/N)		Yes				
Spalling (Percent Area)		0				
Lift or Connector Pocket Grouted (Y/N)		Yes				
(Number Of Girders : 10)						
Span Alignment Problems						
Vertical (Y/N)		No				
Horizontal (Y/N)		No				
Superstructure General Rating			5	5		

Substructure						
Bridge Component		Last	Now	Explanation of Condition		
Abutments						
(Extended Backwall Piles (Y/N) : N)						
(Extended Backwall Piles Spacing(mm) :)						
(Total Number of Caps/Corbels : 1:1)						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last	0	0	0	0		
Now	0	0	0	0		
Bearing Seats/Caps/Corbels				7	7	
(Type : CONCRETE)						
(Depth(mm) : 500)						
(Width(mm) : 350)						
Backwalls/Breastwalls			N	N		
T.T backwall only visible at girder ends.						
Greatest Height (m)		1.00				
Wingwalls			6	6		
Scaling @ top of NW wingwall.						
(Total Number of Bearing Piles : 0:0)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last	1	0	0	0		
Now	1	0	0	0		
Piles				N	N	
Buried.						
Paint/Coating				5	5	
Parging.						
Abutment Stability			8	8		
Scour/Erosion			7	7		
Piers/Bents						
(Type : PIER-COLUMN)						
(Total Number of Caps/Corbels : :1)						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last	0	0	0	0		
Now	0	0	0	0		
Bearing Seats/Caps/Corbels				7	7	
(Type : CONCRETE)						
(Depth(mm) : 750)						
(Width(mm) : 500)						
(Total Number of Bearing Piles : 7:7)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last	0	0	0	0		
Now	0	0	0	0		
Pier Shaft/Piles				7	7	
Greatest Height (m)		4.10				
Bracing/Struts/Sheathing			X	X		
Nose Plate			X	X		
Paint/Coating				4	4	
Corrosion at bottoms of piles, and some pitting.						
(Colour Description : YELLOW)						
(Colour Code : 13538)						

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		7	7	
Scour		X	X	
Debris (Y/N)	No			
Substructure General Rating		7	7	
Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment		7	7	
Traffic Safety Features		6	4	Wrong lap at SE.
Type	GUARDRAIL			
Slope Protection		6	6	
(Type : NATURAL; NATURAL)				
Bank Stability		7	7	
Drainage		6	6	
Grade Separation General Rating		6	4	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
SEAL CURBS							
PATCH DECK							
OVERLAY DECK							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
SHOTCRETE REPAIRS							
CORE TIMBER CAPS/CORBELS							
REPAIR/REPLACE TIMBER CAPS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
INSTALL STRUTS							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	66.7/66.7	Sufficiency Rating (Last/Now) (%)	55.4/52.5	Est. Repl. Yr	2030	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	Garry Roberts		Previous Assistant's Name				
Next Inspection Date	27-Dec-2014		Previous Inspection Date	25-May-2011			
Inspection Cycle (Default) (months)	21						
Comment							