

Bridge Inspection											
Bridge File Number	76380 E-1 Bridge				Form Type	PCS					
Year Built/Year Supstr	1999/1999				Lot No.	4					
Bridge or Town Name	CANMORE				Inspector Name	Garry Roberts					
Located Over	TRAIL-ANIMAL, OVER SP				Inspector Class	BR CLS A					
Located On	1:02 R1 12.503				Assistant Name						
Water Body Cl./Year					Assistant Class						
Navigabil. Cl./Year					Inspection Date	22-Feb-2012					
Legal Land Location	NW SEC 14 TWP 24 RGE 10 W5M				Data Entry By	Erin Roberts					
Longitude, Latitude	-115:17:48, 51:02:53				Data Entry Date	16-Mar-2012					
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Tom Carey					
Contract Main. Area	CMA28				Review Date	22-Feb-2012					
Clear Roadway/Skew	12.4 /				Dept. Reviewer Name	Tim Davies					
AADT/Year	16,520 / 2010 (A)				Dept. Review Date	22-Mar-2012					
Road Classification	RFD-412.4-130				Follow-Up By						
Detour Length (km)	1										
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)										
Posted Vertical Clearance (Y/N)										
Posted:	Lane	NB	On Bridge (m)		In Advance (Y/N)		Lane	SB	On Bridge (m)	In Advance (Y/N)
Remarks	Not Required									
Required Load Posting (t)		Single			Semi			Truck Train		
Posted Loading (t)		Single			Semi			Truck Train		
Posted:	Lane	EB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No		
Posted:	Lane	WB	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	North ROW				Gas	At south ROW				
Power					Municipal					
Others					Problem (Y/N)	No				
Remarks										

Approach Road										
				Last	Now	Explanation of Condition				
Horizontal Alignment				8	8					
Vertical Alignment				6	6					
Roadway Width (m)		12.400								
Approach Bump				7	7					
Guardrail (Y/N)		Yes				Wrong lap at SE. Minor damage at NE				
Guardrail				4	4	Not thriebeam				
Length (m)		38.000								
Current Standard (Y/N)		No								
Termination Type		TURNDOWN								
Drainage				7	7					
Approach Road General Rating				6	6					

Superstructure						
Bridge Component				Last	Now	Explanation of Condition
(Primary Span : SCC, 1 Spans, Lengths(m): 14, A-Ident Number:)						
Special Features						
Special Feature						
(Type :)						
Special Feature						
(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				4	4	60% worn off
(Material Type : ACP - CONVENTIONAL CHIP SEAL COAT)						
(Thickness(mm) : 50)						
Lateral Connection Problem (Y/N)		No				
Deck Top				6	6	60% visible Longitudinal Cracks
Deck Rideability				7	7	
Deck Joints				7	7	Steel buffer angles
Bump (Y/N)		No				
Deck Drainage				7	7	
Drains Clogged (Y/N)		No				
Curbs/Median				7	7	Medium to wide cracks in parapets at 700mm spacing
(Curb Type : JERSEY/F SHAPE)						
Scaling (Percent Area)		0				
Bridge Rail				X	X	
(Type :)						
Bridge Rail Posts				X	X	
(Type :)						
Bridge Rail/Posts Coating				X	X	
(Type :)						
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				7	7	Minor hairline crack @ NE exterior @ underside
Last Complete Inspection Date		07-Feb-2012				
Cracking (Y/N)		Yes				Staining between girders 5 & 6
Spalling (Percent Area)		0				
Lift or Connector Pocket Grouted (Y/N)		Yes				
(Number Of Girders : 11)						
Span Alignment Problems						
Vertical (Y/N)		No				
Horizontal (Y/N)		No				
Superstructure General Rating				7	7	

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			8	8	
(Type : CONCRETE)					
(Depth(mm) : 4000)					
(Width(mm) : 600)					
Backwalls/Breastwalls			8	8	
Greatest Height (m)		2.90			
Wingwalls			8	7	
Steel h-piles					
(Total Number of Bearing Piles : 0:0)					
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last	1	0	0	0	
Now	10	0	0	0	
Piles			N	N	
Paint/Coating			X	X	
Abutment Stability			8	8	
Scour/Erosion			8	8	
Piers/Bents					
(Type :)					
(Total Number of Caps/Corbels :)					
Bearing Seats/Caps/Corbels Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now					
Bearing Seats/Caps/Corbels			X	X	
(Type :)					
(Depth(mm) :)					
(Width(mm) :)					
(Total Number of Bearing Piles :)					
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now					
Pier Shaft/Piles			X	X	
Greatest Height (m)					
Bracing/Struts/Sheathing			X	X	
Nose Plate			X	X	
Paint/Coating			X	X	
(Colour Description :)					
(Colour Code :)					

Substructure				
Bridge Component		Last	Now	Explanation of Condition
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	
Traffic Safety Features		X	X	
Type				
Slope Protection		7	7	
(Type : NATURAL; NATURAL)				
Bank Stability		8	8	
Drainage		8	8	
Grade Separation General Rating		7	7	

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) (%)	83.3/83.3	Sufficiency Rating (Last/Now) (%)	67.6/66.3	Est. Repl. Yr	2062	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	22-Nov-2013		Previous Inspection Date	28-Sep-2010			
Inspection Cycle (Default) (months)	21						
Comment							