

Bridge Inspection												
Bridge File Number	84122 E-1 Bridge					Form Type	CON					
Year Built/Year Supstr	2011/2011					Lot No.	3					
Bridge or Town Name	PEDESTRIAN OVERPASS ON HWY 1 IN CANMORE					Inspector Name	Garry Roberts					
						Inspector Class	BR CLS A					
Located Over	PEDESTRIAN TRAIL;TRAIL-PED					Assistant Name						
Located On	1:02 R1 7.646					Assistant Class						
Water Body Cl./Year						Inspection Date	31-Jul-2012					
Navigabil. Cl./Year						Data Entry By	Lauren Korte					
Legal Land Location	NE SEC 28 TWP 24 RGE 10 W5M					Data Entry Date	05-Sep-2012					
Longitude, Latitude	-115:20:13, 51:04:55					Reviewer Name	Tom Carey					
Road Authority	CANMORE					Review Date	07-Aug-2012					
Contract Main. Area	CMA28					Dept. Reviewer Name	Tim Davies					
Clear Roadway/Skew	12 /					Dept. Review Date	06-Sep-2012					
AADT/Year	14,820 / 2011 (A)					Follow-Up By						
Road Classification												
Detour Length (km)	1											
Allowable Load (t):	Single	CS1 28			Semi	CS2 49			Train	CS3 62		----> On Critical Spans ---->Critical Member
Design Loading:	CL800										----> 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)		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	WB	At Junction (Y/N)			In Advance (Y/N)			At Bridge (Y/N)			
Posted:	Lane	EB	At Junction (Y/N)			In Advance (Y/N)			At Bridge (Y/N)			
Remarks	Not required.											
Hazard Marker At Bridge (Y/N)		No										
Remarks												
Other Sign Types												
Utilities (Located at)												
Utility Attachments												
Telephone	In area- Fiber optics South ROW.					Gas						
Power	In area.					Municipal						
Others	Street lights and under deck.					Problem (Y/N)	No					
Remarks												
Approach Road												
				Last	Now	Explanation of Condition						
Horizontal Alignment					7	Incorrect lap at NE and SE. 19 m at exit corners.						
Vertical Alignment					7							
Roadway Width (m)		12.500										
Approach Bump					8							
Guardrail (Y/N)		Yes										
Guardrail					4							
Length (m)		83.000										
Current Standard (Y/N)		Yes										
Termination Type		Attenuator										
Drainage					7							
Approach Road General Rating					7							

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : CS, 1 Spans, Lengths(m): 15, A-Ident Number:)				
Special Features				
Special Feature			X	
(Type :)				
Special Feature			X	
(Type :)				
Wearing Surface/Deck Top Detail Ratings				
	N (%)	1 (%)	2 (%)	3 (%)
Last				
Now	0.0	0.0	0.0	0.0
Wearing Surface				9
(Material Type : ACP)				
(Thickness(mm) : 70)				
Deck Top				N
Deck Rideability				8
Deck Joints				X
Sealed saw cuts.				
Temperature (deg. C)				
(Expansion Type :)				
(Fixed Type :)				
Gap Size (mm)		Gap Location		
Deck Drainage				7
Drains Clogged (Y/N)				
Curbs/Median				9
(Curb Type :)				
Scaling (Percent Area)	0			
Bridge Rail				X
(Type :)				
Bridge Rail Posts				X
(Type :)				
Bridge Rail/Posts Coating				X
(Type :)				
Sidewalk				X
Girders				X
Diaphragms/Cross Frame				X
Bearings				N
Temperature (deg. C)				
(Expansion Type :)				
(Fixed Type :)				
Coating Adequate (Y/N)				
Functioning (Y/N)				
Deck Underside				9
Stains (Percent Area)	0			
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : CS, 1 Spans, Lengths(m): 15, A-Ident Number:)				
Superstructure General Rating			9	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats			N	
Backwalls/Breastwalls			9	Rock.
Wingwalls			9	
Piles			N	
Paint/Coating			8	Pigmented sealer.
Abutment Stability			9	
Scour/Erosion			9	
Piers/Bents				
(Type :)				
Bearing Seats/Caps			X	
(Type :)				
Pier Shaft/Piles			X	
Nose Plate			X	
Paint/Coating			X	
(Colour Description :)				
(Colour Code :)				
Pier Stability			X	
Scour			X	
Debris (Y/N)	No			
Substructure General Rating			9	
Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment			7	Concrete and ACP paths.
Traffic Safety Features			X	
Type				
Slope Protection			9	
(Type : RIP RAP; RIP RAP)				
Bank Stability			9	
Drainage			7	
Grade Separation General Rating			7	

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							
WASHING							
SHOTCRETE REPAIRS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION	2012	Remove 4 form nails at North barrier.					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	/100.0	Sufficiency Rating (Last/Now) (%)	/73.8	Est. Repl. Yr	2080	Maint. Req'd. (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			Previous Assistant's Name				
Next Inspection Date	30-Apr-2014		Previous Inspection Date				
Inspection Cycle (Default) (months)	21						
Comment							