Bridge Culvert Inspection														
Bridge File Numb	ber	78967 -	1 Bridge Culve	rt			Form T	ype		CUL1				
Year Built 1980					Lot No	•		3						
Bridge or Town N	Name	CANMORE					Inspector Name			Garry Roberts				
Located Over		TRIBUT	BUTARY TO STORM CK, 2.13.27.42.4, ERCRS-ST				Inspector Class			BR CLS A				
Located On	21 36.109	36 100				int Name								
Water Body Cl./\							Assistant Class							
Navigabil. Cl./Ye								tion Date		24-Jun-2011				
Legal Land Loca		SE SEC 12 TWP 19 RGE 8 W5M			M			ntry By		Alyssa Boynton				
	ongitude, Latitude -114:58:27, 50:35:16			Data			ntry Date		13-Jul-2011					
Road Authority			Transportation	(AIT)				er Name		Tom Carey				
Contract Main. A		CMA28	·	()				Review Date 28-Jun-2011						
Clear Roadway/S			deg. (RHF)					Reviewer						
AADT/Year		440 / 20						Dept. Review Date		15-Jul-2011				
Road Classificati		RAU-20					Follow-Up By							
Detour Length (k	(m)	50												
Bridge Culvert I		ation												
Number of Culve	erts		1											
Pipe #	Barrel		Span	Rise (or	Dia.)	Туре		Length		Corr. Profile	Pl./Slab Thickness	Shape		
1	MAIN		2317	2561		SPE		62		152X51	4.0	ELLIPSE		
Special Features							02			,				
Special Features Comment														
·														
Utilities (Located at) Utility Attachments														
Telephone Gas														
Power						Munici	nal							
Others						m (Y/N)								
Remarks None visible							1	(.,,	I					
Approach Road / Embankment														
İ					Last			ation of		tion				
Horizontal Alignment					5	5	Windin	Winding 7% grade.						
Vertical Alignment			5	5										
Roadway Width	(m)		11.000											
Embankment					6	6	4:1 @	FAST						
Sideslope (:	1)		2.5				0							
(Height of Cove	•	4.9)												
			Yes			Broken GR post @ NE Turndown								
Approach Road	l / Emb	ankme	nt General Rat	ing	5	5								
						Unstre	am End							
Culvert Compor	nent				Last	Now		ation of	Condi	tion				
-			E	111111	East er									
End Treatment (Concrete, Steel, CONCRETE Others, None)														
Headwall			Х	Х										
Collar				Х	X									
Wingwalls					Х	X								
(Shape:)														

78967 -1 Bridge Culvert

			Unstre	eam End
Culvert Component		Last	Now	Explanation of Condition
Cutoff Wall		Last 7	7	Top visible
Cuton Wan				TOP VISIBLE
Bevel End		5	5	END OF BEVEL BENT UP 150 mm.
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	200			
Scour Protection		7	7	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 1000)				
Scour/Erosion		7	7	SOME 1200 ROCK @ TOE OF BANKS
Beavers (Y/N)	No			
Upstream End General Rating		5	5	
<u> </u>				
			T	Ilvert Barrel
Culvert Component				Explanation of Condition
(Pipe # : 1, Primary Span, Loca		Span (mm): 2317	7, Rise (mm): 2561, Type: SPE)
Barrel Last Accessible Date	24-Jun-2011			
Special Features				
Special Feature				
(Type:)			1	
Special Feature				
(Type:)				
Roof		7	7	Inward
Measured Rise (mm)	2595			
Measured At Ring No.	8			
Sag (mm)	34			
Percent Sag	1			
Sidewall		7	7	INWARD
Measured Span (mm)	2270			
Measured At Ring No.	8			
Deflection (mm)	47			
Percent Deflection	2			
Floor		6	6	
Bulge (mm)	0			
Measured At Ring No.				Minor
Abrasion (Y/N)	Yes			
Circumferential Seams		7	7	
Separation (mm)	0			<u></u>
Longitudinal Seams		7	7	
Total No. of Cracked Rings	0			
Total No. of Rings with Two Cracked Seams	0			
Min. Remaining Steel Between Cracks (mm)	0			1N otogger
Proper Lap (Y/N)	No			1N stagger
Longitudinal Stagger (Y/N)	Yes			
Coating		5	5	Coating has worn off below waterline.
Coating Corrosion By Soil (Y/N) No		3	J	Superficial corrosion on floor.
	-			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			

Bridge Culvert Barrel									
Culvert Component				Explanation of Condition					
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm): 2317	, Rise (mm): 2561, Type: SPE)					
Ponding (Y/N) No									
Fish Passage Adequacy		6	6						
Baffle		5	5	5 locations with only one baffle, all others have two					
(Type:)									
Waterway Adequacy		7	7						
Icing (Y/N)	No								
Silting (Y/N)	No								
Drift (Y/N)	No								
Barrel General Rating			7						
		D	ownstr	eam End					
Culvert Component		Last	Now	Explanation of Condition					
Direction	I	W							
End Treatment (Concrete, Steel, Others, None)	STEEL								
Headwall		X	X						
Collar			X						
Wingwalls			Х						
(Shape:)									
Cutoff Wall			Х						
Bevel End			7						
Heaving (mm)	0								
Invert Above/Below Stream Bed	ABOVE								
Above/Below (mm)	100								
Scour Protection			7						
(Type : RIP RAP)									
(Avg. Rock Size(mm) : 800)		1							
Scour/Erosion		7	7	Small rock lined scour hole.					
Beavers (Y/N)	No		_						
Downstream End General Ratio	ng	7	7						
	1	1	1	re Usage					
		Last	Now	Explanation of Condition					
Channel (U/S and D/S)		7	_						
Alignment			7						
Bank Stability			7						
HWM (m below Top of Culvert)				HWM not visible					
Drift (Y/N) No									
Channel Bottom Degrading/Aggrading									
Beavers (Y/N) No									
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating		7	7						

I	Structure Usage									
		La	ast	Now	Explanation of Condition					
_										

78967 -1 Bridge Culvert

			Maintenance Re	ecommend	ations						
Inspector Recommendations	Year	Inspecto	r Comments		Department Con	nments			Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS											
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
INSTALL CONCRETE/STEEL LINING	6										
INSTALL STRUTS											
INSTALL CONCRETE COLLAR/CUTO	OFF										
REPAIR SEAMS											
OTHER ACTION	2011	Replace (6x8x5')	1 post at approach rail.								
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/N (%)	ow) 77.8/7	7.8	Sufficiency Rating (Last/	Now)	73.2/73.1	Est. Re	pl. Yr	2031	Maint. Re	eqd. (Y/N)	Yes
Special Comments for Next Inspection					Department Comments						
Maintenance Reviewed By					Date			E	stimated Tota	ıl O	
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	24-Mar-2013			Previous Inspection Date 05-Oct-2009							
Inspection Cycle (Default) (months)	21				,						
Comment											