Bridge Culvert Inspection															
Bridge File Nun	lge File Number 81067 -1 Bridge Culvert						Form Type			CUL1					
Year Built							Lot No.			4					
Bridge or Town Name JENNER						Inspector Name		Jason Saly							
Located Over TRAIL-ANIMAL, OVER SP								BR CLS A							
Located On 884:06 C1 13.102							Assistant Name								
Water Body Cl.	/Year							Assistant Class							
Navigabil. Cl./Y	'ear							Inspection Date 18-0			18-Oct-2012	8-Oct-2012			
Legal Land Loc	ation	NW SE						Data Entry By			Marcia Chavez				
Longitude, Latit	1:28, 51:02:02					Data Entry Date			02-Nov-2012						
			a Transportation (AIT)					Review	er Name)	John O'Brien				
Contract Main. Area CMA22							Review Date			25-Oct-2012					
Clear Roadway	/Skew	9.3 /						Dept. Reviewer Name			Andrew Smikles				
AADT/Year		260 / 20	D11 (A)					· ·			05-Nov-2012				
Road Classifica	ation	RCU-21							Follow-Up By						
Detour Length	(km)	100													
Bridge Culvert		ation									1				
Number of Culv			1												
Pipe #	Barrel		Span		Rise (or Dia.)		Туре		Length		Corr. Profile	PI./Slab Thickness	Shape		
1	MAIN		-		2200		MP		29.7		68X13	2.8	ROUND		
Special Feature	es											·			
Special Feature	es Comr	ment													
						Po	sting li	nformat	ion						
Required Vert.				N1-											
Posted Vertical			ĺ	No					0.0	0					
I	Posted: Lane NB On Bridge (m) In Advance (Y/N) No Lane SB On Bridge (m) In Advance (Y/N) No														
Remarks	Remarks Not Required Utilities (Located at)														
Utility Attachme	ents														
Telephone		Gas													
Power								Munici	bal						
Others								Proble	Problem (Y/N) No						
Remarks															
					Α	pproac	h Road	d / Emba	ankment						
						Last	Now	Explan	ation of	Condit	tion				
Horizontal Aligr	nment					9	8	In sag.							
Vertical Alignm	ent					7	7								
Roadway Width	n (m)		9.300												
Embankment						8	8								
Sideslope (_:1)		3.0												
(Height of Cover(m) : 1.2)															
Guardrail (Y/N)			No												
Approach Roa	d / Emb	bankme	nt General	Rati	ng	7	7								
Upstream End															
Culvert Component			Last	Now	Explanation of Condition										
Culvert Component Direction			W	NOW											
End Treatment (Concrete, Steel, STEEL Others, None)					-										
Headwall			Х	Х											
Collar			X	X											

Upstream End										
Culvert Component		Last	Now	Explanation of Condition						
Wingwalls		X	X							
(Shape :)										
Cutoff Wall		X	X							
Bevel End		6	6							
Heaving (mm)	0									
Invert Above/Below Stream Bed	ABOVE									
Above/Below (mm)	0									
Scour Protection		6	6							
(Type : NATURAL)										
(Avg. Rock Size(mm) :)										
Scour/Erosion		6	6							
Beavers (Y/N)	No									
Upstream End General Rating		6	6							
		Brid	dge Cu	lvert Barrel						
Culvert Component		Last	Now	Explanation of Condition						
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm):	, Rise (mm): 2200, Type: MP)						
Barrel Last Accessible Date	18-Oct-2012									
Special Features										
Special Feature										
(Type :)										
Special Feature										
(Туре :)										
Roof		6	6	Rise at W end =2176=24mm						
Measured Rise (mm)	2095			Rise at Midpt=2095=105mm=4.8% inwards Rise at E end=2110=90mm						
Measured At Ring No.										
Sag (mm) 105										
Percent Sag	5									
Sidewall		7	6	Span at W end=2224=24mm						
Measured Span (mm)	2299			Span at Midpt=2299=99mm=4.5% Span at E end=2220=20mm						
Measured At Ring No.										
Deflection (mm) 99										
Percent Deflection	5									
Floor		N	N							
Bulge (mm)										
Measured At Ring No.										
Abrasion (Y/N)										
Circumferential Seams		6	6	R2						
Separation (mm)	60									
Longitudinal Seams		Х	N							
Total No. of Cracked Rings										
Total No. of Rings with Two Cracked Seams										
Min. Remaining Steel Between Cracks (mm)										
Proper Lap (Y/N)										
Longitudinal Stagger (Y/N)										
Coating		6	6	Superficial corrosion from alkali soil.						
Corrosion By Soil (Y/N) Yes										
Corrosion By Water (Y/N) No										

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

81067 -1 Bridge Culvert

		Brid	dae Cu	Ivert Barrel				
Culvert Component			Now					
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Sp			, Rise (mm): 2200, Type: MP)				
Camber POS/ZERO/NEG	ZERO							
Ponding (Y/N)	No							
Fish Passage Adequacy		X	X					
Baffle		Х	Х					
(Type :)								
Waterway Adequacy		6	6					
Icing (Y/N)	No							
Silting (Y/N)	No							
Drift (Y/N)	No							
Barrel General Rating		6	6					
		D	ownsti	ream End				
Culvert Component		Last	Now	Explanation of Condition				
Direction		E						
End Treatment (Concrete, Steel, STEEL Others, None)								
Headwall		X	Х					
Collar		X	X					
Wingwalls		X	Х					
(Shape :)								
Cutoff Wall		X	Х					
Bevel End		7	7					
Heaving (mm)	0							
Invert Above/Below Stream Bed	ABOVE							
Above/Below (mm)	0							
Scour Protection		7	6					
(Type : NATURAL)				-				
(Avg. Rock Size(mm) :)								
Scour/Erosion		7	6					
Beavers (Y/N)	No							
Downstream End General Ratin	ng	7	6					
		S	Structu	re Usage				
			Now	Explanation of Condition				
Grade Separation								
Road Alignment			7	Grass				
Roadway Surface			7					
(Type : SOIL)								
Icing (Y/N)	No							
Traffic Safety Features		X	X					
Type		v	V					
Lighting		X	X					
Barrel Leakage (Y/N)	No							

Structure Usage									
		Last	Now	Explanation of Condition					
Drainage			7						
Structure In Use (Y/N)	No								
Grade Separation General Rating			7						

Maintenance Recommendations												
Inspector Recommendations		Year	Inspector Comments		Department Comm		Target Year	Est. Cost	Cat #			
SHOTCRETE REPAIRS												
PLACE ADDITIONAL RIP RAP												
REMOVE DRIFT ACCUMULATION												
INSTALL CONCRETE/STEEL LINING												
INSTALL STRUTS												
INSTALL CONCRETE COLLAR/CUTC	DFF											
REPAIR SEAMS												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
Structural Condition Rating (Last/No (%)	ow)	66.7/66.	7 Sufficiency Rating (Last/Now (%)	w) 6	5.4/64.4	/64.4 Est. Repl. Yr 2025		Maint. Reqd. (Y/N) N		No		
Special Comments for Next Inspection		Department Comments										
Maintenance Reviewed By					Date	Estimated Total 0						
Proposed Long-Term Strategy	2007.0	5.21 Ren	nove or remediate the structure when cor	nvenient	, or remove it from	cattlepass listing a	and reclas	sify it as a culv	vert.			
On 3-Year Program (Y/N)												
Proposed Action												
Previous Inspector's Name	Garry F	Roberts	Pro	evious A	Assistant's Name							
Next Inspection Date 18-		-2016	Pro	evious li	nspection Date	30-Jan-2009						
Inspection Cycle (Default) (months) 39												
Comment												