						Brida	е Сију	ert Inspe	ection					
Bridge File Nun	nher						C Guivi			CUL1				
Year Built	ibei	80525 -1 Bridge Culvert 1978						Form Type Lot No.		4				
						Inspector Name			Todd Warshawski					
						<u> </u>		BR CLS B	WSKI					
Located Over TRAIL-ANIMAL, OVER SP Located On 663:08 C1 19.562					35				or Class	DR CLS B				
Located On	N/	663:08	C1 19.562			Assistant Name								
Water Body Cl.						Assistant Class								
Navigabil. Cl./Y						Inspection Date				09-Mar-2010				
Legal Land Loc			C 36 TWP		GE 16 W	4M		Data Entry By			Theresa Lacusta			
Longitude, Latit	ude		:37, 54:39:					Data Entry Date		25-Mar-2010				
Road Authority Alberta Transportation (AIT)							Reviewer Name Arnold Assenheimer							
Contract Main.	Area	CMA08				Review Dat			Date	11-Mar-2010				
Clear Roadway	/Skew		deg. (RHF	=)				Dept. Reviewer Name		Brent Herrick				
AADT/Year		980 / 20						Dept. Review Date		25-Mar-2010				
Road Classifica	ition	RCU-20	09-110					Follow-	U р Ву					
Detour Length ((km)	3												
Bridge Culvert	Inform	ation												
Number of Culv	erts		1											
	Barrel		Span	Span Rise (o		Dia.) Type			Length	Corr. Profile	PI./Slab Thickness	Shape		
1	MAIN		-		1829		MP		24.4	68X13	3.5	ROUND		
Special Feature	es													
Special Feature	es Comr	nent	BF tag on	top of	North be	evel.								
						Ро	sting l	nformati	on					
Required Vert.														
Posted Vertical			·	No	ĺ									
Posted: Lane	NB	On E	Bridge (m)		In Adva	ance (Y/N)	L	ane SB	On Bridge (m)	In Advar	nce (Y/N)		
Remarks	not red	q'd.												
						Uti	lities (L	ocated	at)					
Utility Attachme	ents													
Telephone								Gas						
Power								Municip	oal					
Others								Probler	m (Y/N)					
Remarks														
					Ap	proac	ch Roa	d / Emba	ankment					
						Last	Now	Explan	Explanation of Condition					
Horizontal Alignment				6	6			of hill to West. S	peed limit sign	at 85km, field				
Vertical Alignme	ent					6	6	entrand	es to East. Cu	irve to east.				
Roadway Width	n (m)		8.200		I									
Embankment			N	6										
Sideslope (:1) 2.0														
(Height of Co	ver (m)	:)						1.1m						
Guardrail (Y/N) No					1.1111									
Approach Roa	d / Emb	ankme	nt Genera	I Ratii	ng	6	6							
							Unctre	am End						
Culvert Compa	nent									lition				
Culvert Compo Direction	nent					N N	Now	⊏xpian	ation of Cond	IIIIOII				
CALECHOD						IN								
	(Can	to Cto-	J CTFF1											
End Treatment Others, None)	(Concre	ete, Stee	STEEL			X	X							

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
Collar		X	X	
Wingwalls			Х	
(Shape:)			_	
Cutoff Wall		X	X	
Bevel End		N	6	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	100			
Scour Protection		Х	Х	
(Type:)				
(Avg. Rock Size (mm):)				
Scour/Erosion		Х	X	
Beavers (Y/N)	No			
Upstream End General Rating		7	6	
		Brid	dae Cu	lvert Barrel
Culvert Component				Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa			
Barrel Last Accessible Date	09-Mar-2010			
Special Features				
Special Feature				
(Type:)			_	
Special Feature				
(Type:)				
Roof		7	7	
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)	52			est @ 2%
Percent Sag				
Sidewall		7	7	
Measured Span (mm)	1894			
Measured At Ring No.				
Deflection (mm)	65			
Percent Deflection	4		_	
Floor		N	N	Covered with cold mix and gravel.
Bulge (mm)	0			
Measured At Ring No.				
Abrasion (Y/N)	No		_	
Circumferential Seams		6	5	Damage to South seamphoto
Separation (mm)	100			
Longitudinal Seams		X	X	
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)				

		Brid	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm): -,R	ise (mm): 1829, Type: MP)
Coating		5	6	Few spots of superficial rust along edges of fill on floor.
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	No			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		Х	Х	
Baffle		Х	X	
(Type:)				
Waterway Adequacy		X	X	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		7	7	
		D	ownstr	ream End
Culvert Component		1	Now	Explanation of Condition
Direction		S		
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	Х	
Collar		Х	X	
Wingwalls		X	X	
(Shape:)				
Cutoff Wall		X	X	
Bevel End		N	7	
Heaving (mm)				
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	100			
Scour Protection		Х	Х	
(Type:)				
(Avg. Rock Size (mm):)				
Scour/Erosion		Х	Х	
Beavers (Y/N)	No			
Downstream End General Ratio	ng	7	7	
		9	Structu	re Usage
			Now	Explanation of Condition
Grade Separation				
Road Alignment		7	7	
Roadway Surface		7	7	
(Type :)				Cold mix/gravel.
Icing (Y/N)	No			

Structure Usage								
		Last	Now	Explanation of Condition				
Traffic Safety Features		Х	X					
Туре			_					
Lighting		X	X					
Barrel Leakage (Y/N) No								
Drainage		7	4	Soils/debris in S. bevel block drainage.				
Structure In Use (Y/N)	No							
Grade Separation General Rating		7	4					

		Maintena	ance Recommendations				
Inspector Recommendations	Year	Inspector Comments	Department Con	nments	Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS		·					
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
INSTALL CONCRETE/STEEL LINING	3						
INSTALL STRUTS							
INSTALL CONCRETE COLLAR/CUT	OFF						
REPAIR SEAMS							
OTHER ACTION							\perp
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/N (%)	low) 77.8/7	7.8 Sufficiency Rating (%)	g (Last/Now) 83.0/79.9	Est. Repl. Yr 20	Maint. Re	qd. (Y/N)	No
Special Comments for Next Inspection			Department Comments				
Maintenance Reviewed By			Date		Estimated Tota	0	
Proposed Long-Term Strategy							
On 3-Year Program (Y/N)							
Proposed Action							
Previous Inspector's Name	Jason Saly		Previous Assistant's Name				
Next Inspection Date	09-Jun-2013		Previous Inspection Date	05-Dec-2006			
Inspection Cycle (Default) (months)	39						
Comment							