					Drida	a Culve	ort Inch	nation						
Bridge File Num	nhor	77049 1 Bridge Cultions				Bridge Culvert				CUL1				
Year Built	umber 77948 -1 Bridge Culvert						Form Type							
Bridge or Town Name COCHRANE							Lot No.			4				
Located Over TRAIL-ANIMAL, OVER SP								Inspector Name		Garry Roberts				
Located Over TRAIL-ANIMAL, OVER SP Located On 1A:06 C1 6.056						Inspector Class		BR CLS A						
						Assistant Name								
Water Body Cl./Year						Assistant Class			20.4					
Navigabil. Cl./Year					- N 4		Inspection Date		29-Aug-2012					
Legal Land Location SW SEC 24 TWP 26 RGE 5 W5					OIVI		Data Entry By		Lauren Korte					
Longitude, Latitude -114:34:25, 51:1							Data Entry Date			28-Sep-2012				
Road Authority Alberta To			1 ransportation	on (AII)			Reviewer Name			Tom Carey				
Contract Main.		CMA28					Review Date			04-Sep-2012				
Clear Roadway	//Skew	10.9 /	2044 (4)							Tim Davies				
AADT/Year		3,890 / 2					· · · · ·	Review Da	ate	02-Oct-2012				
Road Classifica		RAU-21	0-110				Follow-	-Ор Ву						
Detour Length (` '	8												
Bridge Culvert			4											
Number of Culv			<u> </u>	Dia. (D:= \	т		1		Com Day Cl	DL /CL-1	Oh		
1 -	Barrel		Span	Rise (or	Dia.)	Туре		Length		Corr. Profile	PI./Slab Thickness	Shape		
1	MAIN		-	2134		СР		26.8				ROUND		
Special Feature	es													
Special Feature	es Comi	ment												
					Do	ation le	-f	ion						
Required Vert.	Clooror	oo Dootii	og (m)		FO	sung ii	nformati	ion						
·	Clearai	ice Posiii	ng (III)											
Posted Vertical Clearance (Y/N)														
				ام ۸ مار	10000 ((V/NI)		one CD		n Dridge (m)	In Adva	200 (V/NI)		
Posted: Lane	NB	On E	Bridge (m)	In Adv	/ance (Y/N)	L	ane SB	0	n Bridge (m)	In Adva	nce (Y/N)		
Posted: Lane	NB			In Adv	·	,			О	on Bridge (m)	In Adva	nce (Y/N)		
Posted: Lane Remarks	NB Not R	On E		In Adv	·	,	Located		0	On Bridge (m)	In Adva	nce (Y/N)		
Posted: Lane Remarks Utility Attachme	NB Not R	On E		In Adv	·	,	_ocated	at)				nce (Y/N)		
Posted: Lane Remarks Utility Attachme Telephone	NB Not R ents At No	On E equired.	Bridge (m)	·	·	,	Gas	at)		on Bridge (m)		nce (Y/N)		
Posted: Lane Remarks Utility Attachme Telephone Power	NB Not R ents At No	On E equired.		·	·	,	Gas Municip	at)	At So			nce (Y/N)		
Posted: Lane Remarks Utility Attachme Telephone Power Others	NB Not R ents At No	On E equired.	Bridge (m)	·	·	,	Gas Municip	at)				nce (Y/N)		
Posted: Lane Remarks Utility Attachme Telephone Power Others	NB Not R ents At No	On E equired.	Bridge (m)	c/l.	Uti	ilities (L	Gas Municip Probler	at) pal m (Y/N)	At So			nce (Y/N)		
Posted: Lane Remarks Utility Attachme Telephone Power Others	NB Not R ents At No	On E equired.	Bridge (m)	c/l.	Uti	ilities (L	Gas Municip Probler	at) pal m (Y/N) ankment	At So	uth end - no ma		nce (Y/N)		
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Posted: Lane Remarks Utility Attachme Telephone Power Others Remarks Horizontal Align	NB Not R ents At No 4 wire	On E equired.	Bridge (m)	c/l.	Oproad Last	ch Road	Gas Municip Probler d / Emba	at) pal m (Y/N) ankment	At So No Condi	uth end - no ma		nce (Y/N)		
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Posted: Lane Remarks Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment	NB Not R ents At No 4 wire	On E equired.	th 40 m from	c/l.	Oproad Last	ch Road	Gas Municip Probler d / Emba	at) pal m (Y/N) ankment nation of (At So No Condi	uth end - no ma		nce (Y/N)		
Posted: Lane Remarks Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment Sideslope (NB Not R ents At No 4 wire nment ent n (m)	On E equired.	Bridge (m)	c/l.	pproac Last 6 5	ch Road Now 6 5	Gas Municip Probler d / Emba	at) pal m (Y/N) ankment nation of (At So No Condi	uth end - no ma		nce (Y/N)		
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77948 -1 Bridge Culvert

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
Wingwalls			X	
(Shape:)				
Cutoff Wall		Х	Х	
Bevel End	T	Х	Х	
Heaving (mm)				
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	100			
Scour Protection		7	7	
(Type: NATURAL)				
(Avg. Rock Size(mm):)		1		
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Upstream End General Rating		7	7	
		Brid	dge Cu	Ivert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm	n):	, Rise (mm): 2134, Type: CP)
Barrel Last Accessible Date	29-Aug-2012			
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		7	7	Horizontal cracking along roof - both sides under 1mm wide.
Measured Rise (mm)				Tronzonial ordening along roof both didds and of mini was.
Measured At Ring No.				
Sag (mm)	0			
Percent Sag				
Sidewall		7	7	
Measured Span (mm)		•	· ·	
Measured At Ring No.				
Deflection (mm)	0			
Percent Deflection				
Floor		7	7	
Bulge (mm)	0			
Measured At Ring No.				
Abrasion (Y/N)				
Circumferential Seams		5	5	Minor Infiltration @ 2nd, 3rd & 8th seam
Separation (mm)	80			Willion Hilling and General Scalin
Longitudinal Seams	00	Х	Х	
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		X	X	
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	No			

		Brid	dge Cu	vert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Location Code: MAIN, Span):	, Rise (mm): 2134, Type: CP)
Camber POS/ZERO/NEG NEG				
Ponding (Y/N) No				
Fish Passage Adequacy		Х	Х	
Baffle		7	7	
(Type:)				
Waterway Adequacy	1	Х	X	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No		1	
Barrel General Rating		7	7	
				eam End
Culvert Component		Last	Now	Explanation of Condition
Direction	I			South.
End Treatment (Concrete, Steel, Others, None)	NONE			
Headwall		Х	Х	
Collar		X	X	
Wingwalls		Х	Х	
(Shape:)				
Cutoff Wall		Х	Х	
Bevel End		Х	Х	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	150			
Scour Protection		7	7	
(Type : NATURAL)				
(Avg. Rock Size(mm):)				
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Downstream End General Ratio	ng	7	7	
		s	tructu	e Usage
		Last	Now	Explanation of Condition
Grade Separation			1	
Road Alignment		X	X	Guide fencing missing @ South end.
Roadway Surface		6	6	
(Type : SOIL)				
Icing (Y/N)	No			
Traffic Safety Features		Х	Х	
Туре				
Lighting		Х	X	
Barrel Leakage (Y/N)	No			

Structure Usage									
			Now	Explanation of Condition					
Drainage			4	Average 150mm water in pipe.					
Structure In Use (Y/N) No									
Grade Separation General Rating			4						

77948 -1 Bridge Culvert

Bridge Inspection & Maintenance System (Web 2005)

			Maintenance Re	commend	lations						
Inspector Recommendations	Year Inspector Comments				Department Com	Target Year	Est. Cost	Cat #			
SHOTCRETE REPAIRS							-		3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
INSTALL CONCRETE/STEEL LINING	i										
INSTALL STRUTS											
INSTALL CONCRETE COLLAR/CUTO	OFF										
REPAIR SEAMS											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/No. (%)	ow) 77.8/7	7.8 Suffici	iency Rating (Last/N	low)	80.5/79.8	Est.	Repl. Yr	2030	Maint. Re	qd. (Y/N)	No
Special Comments for Next Inspection					Department Comments						
Maintenance Reviewed By					Date			E	Estimated Tota	I 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	29-May-2014		Previous	s Inspection Date 13-Dec-2010							
Inspection Cycle (Default) (months)	21										
Comment											