Bridge File Nur	Bridge Culvert Inspection												
	mber	80638 -	1 Bridge Culve		Dinag	c ourve	Form Type		CUL1				
Year Built		1983					Lot No.		4				
Bridge or Town Name LONGVIEW							Inspector Name		Garry Roberts				
Located Over TRAIL-ANIMAL, OVER SP							Inspector Class		BR CLS A				
Located On 541:02 C1 23.631							Assistant Name						
Water Body Cl./Year							Assistant Class						
Navigabil. Cl./Year						Inspection Date			12-Mar-2013				
	Legal Land Location SE SEC 1 TWP 18 RGE 4 W5M					Data Entry By			Lauren Korte				
Longitude, Latitude -114:25:04, 50:29:27							Data Entry Date	<u> </u>	07-Apr-2013				
Road Authority Alberta Transportation (AIT)							Reviewer Name		Ash Morjaria				
Contract Main. Area CMA27							Review Date	•	21-Mar-2013				
Clear Roadway		11.8 /					Dept. Reviewer	Nama	Tim Davies				
AADT/Year	y/Skew	510 / 20	011 (Λ)				Dept. Review D		08-Apr-2013				
Road Classifica	otion	RCU-21	. ,				Follow-Up By	ale	06-Api-2013				
		50	1-110				гоном-ор ву						
Detour Length Bridge Culver													
Number of Culver			1										
	Barrel			Rico (or		Tuno	Longth		Corr Profile	PI./Slab	Shano		
Pipe #	Danei		Span	Rise (or	Dia.)	Туре	Length		Corr. Profile	Thickness	Shape		
1	MAIN		-	2400		MP	34		125X26	2.8	ROUND		
Special Feature	es									1			
Special Feature		ment											
1													
					Po	sting Ir	nformation						
Required Vert.	Clearar	nce Posti	ng (m)										
Posted Vertical	l Cleara	nce (Y/N) No										
Posted: Lane	NB	On E	Bridge (m)	In Adv	ance (Y/N)	No Lane SB	0	n Bridge (m)	In Advar	nce (Y/N) No		
Remarks	Not re	equired.											
Utility Attachme					Uti	lities (L	ocated at)						
	ents				Uti	lities (L	ocated at)						
Telephone		ROW.			Uti	lities (L	.ocated at) Gas	West	fence 15m.				
					Uti	lities (L		West	fence 15m.				
Telephone	West East F	ROW.	/est ROW.		Uti	lities (L	Gas	West No	fence 15m.				
Telephone Power	West East F	ROW.	/est ROW.		Uti	lities (L	Gas Municipal		fence 15m.				
Telephone Power Others	West East F	ROW.	/est ROW.	Ap			Gas Municipal	No	fence 15m.				
Telephone Power Others	West East F	ROW.	/est ROW.	Ap			Gas Municipal Problem (Y/N)	No					
Telephone Power Others	West East F Fibre	ROW.	/est ROW.	Ap	oproad	ch Road	Gas Municipal Problem (Y/N)	No Condit	tion				
Telephone Power Others Remarks	West East F Fibre	ROW.	/est ROW.	Ag	oproac Last	ch Road	Gas Municipal Problem (Y/N) / Embankment Explanation of	No Condit	tion				
Telephone Power Others Remarks Horizontal Align	West East F Fibre	ROW.	/est ROW.	Ap	oproad Last 7	ch Road Now 7	Gas Municipal Problem (Y/N) / Embankment Explanation of	No Condit	tion				
Telephone Power Others Remarks Horizontal Align Vertical Alignm	West East F Fibre	ROW.		Ag	oproad Last 7	ch Road Now 7	Gas Municipal Problem (Y/N) / Embankment Explanation of	No Condit	tion				
Telephone Power Others Remarks Horizontal Align Vertical Alignm	West East F Fibre	ROW.		Ag	oproad Last 7	ch Road Now 7	Gas Municipal Problem (Y/N) / Embankment Explanation of	No Condit	tion				
Telephone Power Others Remarks Horizontal Align Vertical Alignm Roadway Width	West East f Fibre nment hent h (m)	ROW.			oproac Last 7 8	h Road Now 7 8	Gas Municipal Problem (Y/N) / Embankment Explanation of	No Condit	tion				
Telephone Power Others Remarks Horizontal Align Vertical Alignm Roadway Widtl Embankment	West East f Fibre	ROW. Optics W	11.800		oproac Last 7 8	h Road Now 7 8	Gas Municipal Problem (Y/N) / Embankment Explanation of	No Condit	tion				
Telephone Power Others Remarks Horizontal Align Vertical Alignm Roadway Width Embankment Sideslope (West East f Fibre nment h (m)	ROW. Optics W	11.800		oproac Last 7 8	h Road Now 7 8	Gas Municipal Problem (Y/N) / Embankment Explanation of	No Condit	tion				
Telephone Power Others Remarks Horizontal Align Vertical Alignm Roadway Widtl Embankment Sideslope (West East f Fibre nment hent h (m)	ROW. Optics W	11.800 4.0 Yes		Dproad Last 7 8	th Road Now 7 8	Gas Municipal Problem (Y/N) I / Embankment Explanation of Farm approach	No Condit	tion				
Telephone Power Others Remarks Horizontal Align Vertical Alignm Roadway Widtl Embankment Sideslope (West East f Fibre nment hent h (m)	ROW. Optics W	11.800 4.0 Yes		oproac Last 7 8	h Road Now 7 8	Gas Municipal Problem (Y/N) I / Embankment Explanation of Farm approach	No Condit	tion				
Telephone Power Others Remarks Horizontal Align Vertical Alignm Roadway Widtl Embankment Sideslope (West East f Fibre nment hent h (m)	ROW. Optics W	11.800 4.0 Yes		Dproad Last 7 8 7 7 7	th Road Now 7 8 7 7	Gas Municipal Problem (Y/N) 1 / Embankment Explanation of Farm approach	No Condit	tion				
Telephone Power Others Remarks Horizontal Align Vertical Alignm Roadway Widtl Embankment Sideslope (West East f Fibre nment h (m) _:1) over(m) :) ad / Eml	ROW. Optics W	11.800 4.0 Yes		pproad Last 7 8 7 7 7 7	h Road Now 7 8 7 7 Vpstre	Gas Municipal Problem (Y/N) I / Embankment Explanation of Farm approach	Condia 60m No	tion orth.				
Telephone Power Others Remarks Horizontal Align Vertical Alignm Roadway Widtl Embankment Sideslope (West East f Fibre nment h (m) _:1) over(m) :) ad / Eml	ROW. Optics W	11.800 4.0 Yes		Dproad Last 7 8 7 7 7	th Road Now 7 8 7 7	Gas Municipal Problem (Y/N) I / Embankment Explanation of Farm approach 1 split post at W am End Explanation of	Condia 60m No	tion orth.				
Telephone Power Others Remarks Horizontal Align Vertical Alignm Roadway Widtl Embankment Sideslope (West East f Fibre nment h (m) _:1) ver(m) :) ad / Eml	ROW. Optics W	4.0 Yes		Dproad Last 7 8 7 7 7 7	h Road Now 7 8 7 7 Vpstre	Gas Municipal Problem (Y/N) 1 / Embankment Explanation of Farm approach 1 split post at W am End	Condia 60m No	tion orth.				
Telephone Power Others Remarks Horizontal Align Vertical Alignm Roadway Widtl Embankment Sideslope (West East f Fibre nment h (m) _:1) ver(m) :) ad / Eml	ROW. Optics W	4.0 Yes		Dproad Last 7 8 7 7 7 7	h Road Now 7 8 7 7 Vpstre	Gas Municipal Problem (Y/N) I / Embankment Explanation of Farm approach 1 split post at W am End Explanation of	Condia 60m No	tion orth.				
Telephone Power Others Remarks Horizontal Align Vertical Alignm Roadway Widtl Embankment Sideslope (West East f Fibre nment h (m) _:1) ver(m) :) ad / Eml	ROW. Optics W	4.0 Yes		Treating of the second	h Road Now 7 8 7 8 7 7 1 7 7 1 9 7 1 9 7 1 9 7 1 9 7 1 9 7 1 9 7 1 9 7 1 9 7 1 9 7 1 9 7 1 9 1 9	Gas Municipal Problem (Y/N) I / Embankment Explanation of Farm approach 1 split post at W am End Explanation of	Condia 60m No	tion orth.				

Alberta Transportation

Upstream End								
Culvert Component		Last	Now	Explanation of Condition				
Wingwalls			X					
(Shape :)								
Cutoff Wall			X					
Bevel End			X					
Heaving (mm) 0								
Invert Above/Below Stream Bed ABOVE								
Above/Below (mm)	200		1					
Scour Protection		7	7					
(Type : RIP RAP)				-				
(Avg. Rock Size(mm) : 250)			1					
Scour/Erosion		7	7					
Beavers (Y/N)	No							
Upstream End General Rating	- -	7	7					
		Bric	dge Cu	lvert Barrel				
Culvert Component		Last	Now	Explanation of Condition				
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm):	, Rise (mm): 2400, Type: MP)				
Barrel Last Accessible Date	12-Mar-2013							
Special Features								
Special Feature								
(Type :)								
Special Feature								
(Туре :)								
Roof		7	7	Estimate.				
Measured Rise (mm)								
Measured At Ring No.				-				
Sag (mm)	24			-				
Percent Sag	1		-					
Sidewall	1	7	7					
Measured Span (mm)	2424			-				
Measured At Ring No.	2							
Deflection (mm)	24			-				
Percent Deflection	1		1					
Floor		N	N	200 mm gravel on floor.				
Bulge (mm)	0							
Measured At Ring No.								
Abrasion (Y/N)	No							
Circumferential Seams		6	6	Some minor tears from installation.				
Separation (mm)	50							
Longitudinal Seams	1	Х	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)								
Coating		7	7					
Corrosion By Soil (Y/N)	No							
Corrosion By Water (Y/N)	No							

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

80638 -1 Bridge Culvert

		Brid	lae Cu	Ivert Barrel				
Culvert Component			Now	Explanation of Condition				
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, S			, Rise (mm): 2400, Type: MP)				
Camber POS/ZERO/NEG	ZERO							
Ponding (Y/N)	No							
Fish Passage Adequacy		X	X					
Baffle		X	X					
(Type :)			~					
Waterway Adequacy		Х	X					
Icing (Y/N)	No		Λ	-				
Silting (Y/N)	No			-				
Drift (Y/N)	No			-				
Barrel General Rating		7	7					
, i i i i i i i i i i i i i i i i i i i								
Culvert Component			Now	ream End Explanation of Condition				
Direction		E		East.				
End Treatment (Concrete, Steel, Others, None)	NONE							
Headwall	1	Х	X					
Collar	Collar							
Wingwalls		Х	Х					
(Shape :)								
Cutoff Wall		X	X					
Bevel End		X	Х					
Heaving (mm)	0							
Invert Above/Below Stream Bed	ABOVE							
Above/Below (mm)	300							
Scour Protection		7	7	300mm rock.				
(Type : RIP RAP)								
(Avg. Rock Size(mm) : 250)								
Scour/Erosion		7	7					
Beavers (Y/N)	No							
Downstream End General Ratin	ng	7	7					
			1	re Usage				
		Last	Now	Explanation of Condition				
Grade Separation		X						
Road Alignment			X	-				
Roadway Surface (Type : SOIL)		7	7					
Icing (Y/N)	No							
Traffic Safety Features		X	X					
Туре	NONE		~					
Lighting		X	X					
Barrel Leakage (Y/N)	No							

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

Maintenance Recommendations											
Inspector Recommendations		Year	Inspector Comments		Department Com	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/Now) (%)		77.8/77.8	.8 Sufficiency Rating (Last/N (%)	low) 8	82.0/82.0 Est. Repl. Yr 2030		2030	Maint. Red	qd. (Y/N)	No	
Special Comments for Next Inspection					Department Comments						
Maintenance Reviewed By					Date		E	Estimated Total	0		
Proposed Long-Term Strategy											
On 3-Year Program (Y/N)											
Proposed Action											
Previous Inspector's Name Garry		Garry Roberts			evious Assistant's Name						
Next Inspection Date 12-		-2016		Previous I	ous Inspection Date 06-Oct-2009						
Inspection Cycle (Default) (months)	39										
Comment											