						e Culvert Inspection							
Bridge File Num	nber	79266 -1 Bridge Culvert					Form Type			CUL1			
Year Built		1979					Lot No.			4			
Bridge or Town	Name		OWVIEW				Inspector Name			Melanie Johnson			
Located Over			ANIMAL, O\	ER SP			Inspector Class			BR CLS B			
Located On		764:02	C1 10.992				Assistant Name						
Water Body Cl./	/Year							ant Class					
Navigabil. Cl./Y	ear						Inspection Date			27-Aug-2011			
Legal Land Loc	ation	SW SE	C 15 TWP 5	7 RGE 5 W5	5M		Data Entry By			Theresa Lacusta			
Longitude, Latit	ude	-114:40):17, 53:55:0	8				Data Entry Date		19-Sep-2011			
Road Authority		Alberta	Transportat	sportation (AIT)				Reviewer Name		Eric Carcoux			
Contract Main.	Area	CMA12)					Review Date		07-Sep-2011			
Clear Roadway/Skew 7 /								Dept. Reviewer Name		Brent Herrick			
AADT/Year 390 / 201		010 (A)				Dept. Review Date		е	28-Sep-2011				
Road Classification RCU-209		09-110				Follow	-Uр Ву						
Detour Length ((km)	8											
Bridge Culvert	Inform	ation											
Number of Culv	erts		1										
Pipe #	Barrel		Span	Rise (or	Dia.)	Туре		Length		Corr. Profile	PI./Slab Thickness	Shape	
1	MAIN		-	2200		MP		17		68X13	4.2	ROUND	
Special Feature	es		CONC FLO	OR									
Special Feature	es Comi	ment											
·													
					Ро	sting Ir	nformat	ion					
Required Vert. 0													
Posted Vertical													
Posted: Lane	NB		Bridge (m)	On Bridge (m) In Advance (Y/N)					\cap r	a Bridge (m)	In Advan	aa (\//NI) NIa	
Remarks	Not re				,	Y/N) I		ane SB	Oi	n Bridge (m)	III Auvaii	ce (Y/N) No	
	NOUTE	equired.		,	,	,		,	OI	T Bridge (III)	III Auvaii	ce (17IN) INO	
	i	equired.			,	,	ocated	,	OI	T Bridge (III)	III Advan	ce (f/N) NO	
Utility Attachme	ents				,	,	ocated.	,		T Bridge (III)	ili Auvan	ce (17/N) NO	
Telephone	west	r/w.			,	,	ocated Gas	at)	JOI	T Bridge (III)	III Auvaii	ce (f/N) NO	
Telephone Power	west		w.		,	,	Gas Munici	at)	JOI	T Bridge (III)	III Auvaii	ce (f/N) NO	
Telephone Power Others	west 2 lines	r/w. s East r/			Uti	,	Gas Munici	at)	No	Tonuge (III)	III Auvaii	ce (Y/N) NO	
Telephone Power	west 2 lines	r/w. s East r/		West roof en	Uti	lities (L	Gas Munici Proble	pal m (Y/N)		T Bridge (III)	III Auvaii	ce (f/N) NO	
Telephone Power Others	west 2 lines	r/w. s East r/		West roof en	Uti d.	lities (L	Gas Munici Proble	pal (Y/N) N	No		III Auvaii	ce (Y/N) NO	
Telephone Power Others Remarks	West 2 lines	r/w. s East r/		West roof en	Uti d. oproad	lities (L	Gas Munici Proble	pal m (Y/N) ankment nation of C	No ondit i	ion			
Telephone Power Others Remarks Horizontal Align	West 2 lines BF tag	r/w. s East r/		West roof en	Uti d. oproad Last	ch Road	Gas Munici Proble	pal m (Y/N) ankment nation of C	No ondit i				
Telephone Power Others Remarks	West 2 lines BF tag	r/w. s East r/		West roof en	Uti d. oproad	lities (L	Gas Munici Proble I / Emb Explar Crest (pal m (Y/N) ankment nation of C	onditi	ion	distance. No p		
Telephone Power Others Remarks Horizontal Align	West 2 lines BF tag	r/w. s East r/		West roof en	Uti d. oproad Last	ch Road	Gas Munici Proble 1 / Emb Explar Crest c	pal m (Y/N) ankment nation of C curve to the	onditi South	ion h limiting sight CP. Previously	distance. No p		
Telephone Power Others Remarks Horizontal Align Vertical Alignme	West 2 lines BF tag	r/w. s East r/	ed on top of \	West roof en	Uti d. oproad Last	ch Road	Gas Munici Proble 1 / Emb Explar Crest c	pal m (Y/N) ankment nation of C curve to the	onditi South	ion h limiting sight	distance. No p		
Telephone Power Others Remarks Horizontal Align	West 2 lines BF tag	r/w. s East r/		West roof en	Uti d. oproad Last	ch Road	Gas Munici Proble 1 / Emb Explar Crest c	pal m (Y/N) ankment nation of C curve to the	onditi South	ion h limiting sight CP. Previously	distance. No p		
Telephone Power Others Remarks Horizontal Align Vertical Alignme	West 2 lines BF tag	r/w. s East r/	ed on top of \	West roof en	Uti d. oproad Last	ch Road	Gas Munici Proble 1 / Emb Explar Crest c	pal m (Y/N) ankment nation of C curve to the	onditi South	ion h limiting sight CP. Previously	distance. No p		
Telephone Power Others Remarks Horizontal Align Vertical Alignme	West 2 lines BF tag	r/w. s East r/	ed on top of \	West roof en	Uti	ch Road Now 7	Gas Munici Proble 1 / Emb Explar Crest c	pal m (Y/N) ankment nation of C curve to the	onditi South	ion h limiting sight CP. Previously	distance. No p		
Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment	West 2 lines BF tag mment ent (m)	r/w. s East r/	7.800	West roof en	Uti	ch Road Now 7	Gas Munici Proble 1 / Emb Explar Crest c	pal m (Y/N) ankment nation of C curve to the	onditi South	ion h limiting sight CP. Previously	distance. No p		
Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment Sideslope (west 2 lines BF tag mment ent (m) :1) ver(m)	r/w. s East r/	7.800	West roof en	Uti	ch Road Now 7	Gas Munici Proble 1 / Emb Explar Crest c	pal m (Y/N) ankment nation of C curve to the	onditi South	ion h limiting sight CP. Previously	distance. No p		
Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment Sideslope (BF tag	r/w. s East r/ g installe	7.800 3.0 Yes	Vest roof en	Uti	ch Road Now 7	Gas Munici Proble 1 / Emb Explar Crest c	pal m (Y/N) ankment nation of C curve to the	onditi South	ion h limiting sight CP. Previously	distance. No p		
Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment Sideslope ((Height of Cov.) Guardrail (Y/N)	BF tag	r/w. s East r/ g installe	7.800 3.0 Yes	Vest roof en	Uti	ch Road Now 7 7	Gas Munici Proble I / Emb Explar Crest c 2 tranv	pal m (Y/N) ankment nation of C curve to the rerse cracks d markers in	onditi South	ion h limiting sight CP. Previously	distance. No p		
Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment Sideslope ((Height of Cov.) Guardrail (Y/N)	BF tag ment ent an (m) .:1) ver(m) :	r/w. s East r/ g installe	7.800 3.0 Yes	Vest roof en	d. pproac Last 7 7	ch Road Now 7 7	Gas Munici Proble Explar Crest of 2 tranv Hazaro	pal m (Y/N) ankment nation of C curve to the rerse cracks d markers in	onditi South	ion h limiting sight CP. Previously ed at corners.	distance. No p		
Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment Sideslope (BF tag ment ent an (m) .:1) ver(m) :	r/w. s East r/ g installe	7.800 3.0 Yes	Vest roof en	d. pproac Last 7 7	Ilities (L	Gas Munici Proble Explar Crest of 2 tranv Hazaro	pal m (Y/N) ankment nation of C curve to the verse cracks d markers in	onditi South	ion h limiting sight CP. Previously ed at corners.	distance. No p		
Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment Sideslope (BF tag mment ent 1 (m) 2 lines ment ent 1 (m) 2 d / Emi	r/w. s East r/ g installe	7.800 7.800 Yes nt General I	Vest roof en	Uti	Ilities (L	Gas Munici Proble Explar Crest of 2 tranv Hazaro	pal m (Y/N) ankment nation of C curve to the verse cracks d markers in	onditi South	ion h limiting sight CP. Previously ed at corners.	distance. No p		

79266 -1 Bridge Culvert

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
Collar		Х	X	
Wingwalls		Х	Х	
(Shape :)			1	
Cutoff Wall		Х	X	
Bevel End		Х	Х	
Heaving (mm)	100			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	200			
Scour Protection		Х	Х	
(Type : NONE)				
(Avg. Rock Size(mm):)				
Scour/Erosion		Х	X	
Beavers (Y/N)	No			
Upstream End General Rating		6	6	
		Brid	dae Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN. Spa			, Rise (mm): 2200, Type: MP)
Barrel Last Accessible Date	27-Aug-2011		,	
Special Features				
Special Feature		N	N	
(Type : CONC FLOOR)				
Special Feature				
(Type:)				
Roof		4	4	Part of East roof @ end pushed in.
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)	95			
Percent Sag				4.3% est sag.
Sidewall		4	4	The sidewall at East end is bent 200mm inwards.
Measured Span (mm)	2294			At mid length.
Measured At Ring No.	2			7 Kind longth
Deflection (mm)	94			4.3%
Percent Deflection	4			
Floor		N	N	Concrete on floor covered by dirt.
Bulge (mm)	0			
Measured At Ring No.				
Abrasion (Y/N)	No			
Circumferential Seams		4	4	Lock seam separated 1st section because of damage.
Separation (mm)	75			
Longitudinal Seams		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)				

		Brid	dge Cu	vert Barrel			
Culvert Component			Now	<u> </u>			
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm	ı):	, Rise (mm): 2200, Type: MP)			
Coating		7	7				
Corrosion By Soil (Y/N)	No						
Corrosion By Water (Y/N)	No						
Camber POS/ZERO/NEG	NEG			Neg camber 250mm.			
Ponding (Y/N)	No						
Fish Passage Adequacy		Х	Х				
Baffle			Х				
(Type:)							
Waterway Adequacy		X	X				
Icing (Y/N)	No						
Silting (Y/N)	No						
Drift (Y/N)	No						
Barrel General Rating		4	4				
		D	ownstr	eam End			
Culvert Component			Now	Explanation of Condition			
Direction		Е					
End Treatment (Concrete, Steel, Others, None)	NONE						
Headwall		Х	Х				
Collar		Х	Х				
Wingwalls		X	X				
(Shape:)							
Cutoff Wall		Х	Х				
Bevel End		X	X				
Heaving (mm)	100						
Invert Above/Below Stream Bed	BELOW						
Above/Below (mm)	200						
Scour Protection		Х	X				
(Type : NONE)							
(Avg. Rock Size(mm):)							
Scour/Erosion		Х	X				
Beavers (Y/N)	No						
Downstream End General Ratio	ng	6	6				
		5	Structur	re Usage			
			Now	Explanation of Condition			
Grade Separation							
Road Alignment		8	8				
Roadway Surface		6	6				

Structure Usage						
		Last	Now	Explanation of Condition		
(Type : ACP)						
Icing (Y/N)	No					
Traffic Safety Features		Х	Х			
Туре	None					
Lighting		X	X			
Barrel Leakage (Y/N)	No					
Drainage		5	5			
Structure In Use (Y/N)	Yes					
Grade Separation General Rating		6	6			

79266 -1 Bridge Culvert

		Maintenance R	Recommendations				
Inspector Recommendations	Year	Inspector Comments	Department Comm	nents	Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS		The production of the producti					
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
INSTALL CONCRETE/STEEL LINING	.						
INSTALL STRUTS							
INSTALL CONCRETE COLLAR/CUT	OFF						
REPAIR SEAMS							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/N (%)	low) 44.4/44	Sufficiency Rating (Last	:/Now) 65.5/65.6	Est. Repl. Yr 20	Maint. Re	qd. (Y/N)	No
Special Monitor lock seam Comments for Next Inspection	separation and o	deflection.	Department Comments				
Maintenance Reviewed By			Date		Estimated Tota	I 0	
Proposed Long-Term Strategy							
On 3-Year Program (Y/N)							
on o roan rogiam (1/14)							
Proposed Action							
-	Dave Lam		Previous Assistant's Name				
Proposed Action	Dave Lam 27-Nov-2014		Previous Assistant's Name Previous Inspection Date	09-May-2008			
Proposed Action Previous Inspector's Name				09-May-2008			