					Brida	e Culve	ert Inspe	ection						
Bridge File Numl	ber	77437 -	1 Bridge Culve		-11 le le	o ourre	Form T			CUL1				
Year Built 1986						Lot No			4					
Bridge or Town Name EASTBURG									Melanie Johnson					
Located Over	tarrio		ARY TO PEME	BINA RIVER			Inspector Class		BR CLS B					
Localed Over		8.11.84.	23, WATERCE	RS-ST	L1 (,		Assistant Name		BR CLS B					
Located On 777:04 C1 7.382						Assistant Class								
Water Body CI./	Year					Inspection Date			23-Aug-2011					
Navigabil. Cl./Year						Data Entry By		Theresa Lacusta						
Legal Land Location NW SEC 27 TWP 59 RGE 1 W5				М		Data Entry Date		19-Sep-2011						
Longitude, Latitude -114:04:37, 54:07:53							Reviewer Name		Eric Carcoux					
Road Authority Alberta Transportation (Al				(AIT)				Review Date		01-Sep-2011				
Contract Main. A	rea	CMA10				Dept. Reviewe			Name	·				
Clear Roadway/	Skew	9.3 /								28-Sep-2011				
AADT/Year		310 / 20	10 (A)				Dept. Review Date		20-0ep-2011					
Road Classificat	ion	RCU-21	0-110				l Ollow	Follow-Up By						
Detour Length (k	(m)	3												
Bridge Culvert I	Inform	ation												
Number of Culve	erts		1											
Pipe #	Barrel		Span	Rise (or D	Dia.) Type			Length		Corr. Profile	PI./Slab Thickness	Shape		
1 N	MAIN		-	1800		MP	22			68X13	3.5	ROUND		
Special Features	3													
Special Features	s Comr	ment												
·														
	İ				Uti	ilities (L	ocated	at)						
Utility Attachmer	· ·								ı					
Telephone East r/w.						Gas								
Power	1 line	West r/w.					Munici							
Others							Proble	m (Y/N)	No					
Remarks	BF tag	g installe	d on top of Eas											
								ankment						
						Now	Explanation of Condition Resident entrances both ways.							
Horizontal Alignr					7	7	Reside	nt entran	ces bo	tn ways.				
Vertical Alignment				8	8									
Roadway Width (m) 9.300			9.300											
							Transporter and la in ACD according to the							
Embankment					4	5	Transverse cracks in ACP over pipe - photo.							
Sideslope (:			2.5				_							
(Height of Cov	er(m) :	1.2)	1											
Guardrail (Y/N)			No											
Approach Road	I / Fmł	pankmer	nt General Rat	ina	7	7								
pp. odoli Rodu	., =1116	. a.i.wiiici	Jonorai itat	9	•	<u> </u>								
						Upstre								
Culvert Compo	nent				Last	Now	Explan	ation of	Condi	tion				
Direction					E									
End Treatment (Concrete, Steel, STEEL Others, None)														
Headwall					Х	X								
Collar				Х	Х									
Wingwalls					Χ	Х								
(Shape:)														

Cutroft Wall				Upstre	am End
Bevel End	Culvert Component		Last	Now	Explanation of Condition
Heaving (mm)	Cutoff Wall		X	X	
Invert Above/Below (mm)	Bevel End		7	7	
Invert Above/Below (Stream Bed Above/Below (mm) 100 10		100			
Above/Below (mm) 100 7					
Scour Protection					
(Type : RIP RAP) (Avg. Rock Size(mm) : 2000)			7	7	
Avg. Rock Size(mm) : 200) ScourFicesion 7 7					
Scour/Erosion 7	` * * * * * * * * * * * * * * * * * * *				
Cutvert Component			7	7	
Stidge Culvert Barrel	Beavers (Y/N)	No			
Culvert Component (Pipe # 1. Primary Span, Location Code: MAIN, Span (mm): Last Now (Pipe # 1. Primary Span, Location Code: MAIN, Span (mm): Explanation of Condition (Rise (mm): 1800, Type: MP) Barrel Last Accessible Date 23-Aug-2011 Special Feature Est, silt on floor. Est, silt on floor. Est, silt on floor. Est, silt on floor. Special Feature Est, silt on floor. Special Feature Est, silt on floor. Est, silt on	Upstream End General Rating		7	7	
Culvert Component (Pipe # 1. Primary Span, Location Code: MAIN, Span (mm): Last Now (Pipe # 1. Primary Span, Location Code: MAIN, Span (mm): Explanation of Condition (Rise (mm): 1800, Type: MP) Barrel Last Accessible Date 23-Aug-2011 Special Feature Est, silt on floor. Est, silt on floor. Est, silt on floor. Est, silt on floor. Special Feature Est, silt on floor. Special Feature Est, silt on floor. Est, silt on			Delic	dae Cu	heart Barral
Primary Span, Location Code: MAIN, Span (mm): Rise (mm): 1800, Type: MP)	Culvert Component				
Special Features Special Feature Crype : Special Feature Crype		tion Code: MAIN Sn:			·
Special Feature			A11 (111111	·)·	, itise (iiiii). 1000, Type. Wir)
Special Feature	Barrel Last Accessible Date	23-Aug-2011			
Type : Special Feature Crype : Special Feature Special Featu	Special Features			_	
Special Feature (Type :)	Special Feature				
Type :) Roof	(Type:)				
Roof	Special Feature				
Measured Rise (mm) Measured At Ring No. Sag (mm) 30 Percent Sag Sidewall 7 7 7 Measured Span (mm) 1810 Measured At Ring No. 2 Deflection (mm) 10 Percent Deflection 0 Floor N N N Bulge (mm) Measured At Ring No. 2 Measured At Ring No. Substituting the state of the s	(Type:)				
Measured At Ring No. Sag (mm) 30 Percent Sag Sidewall 7 7 Measured Span (mm) 1810 Measured At Ring No. 2 Deflection (mm) 10 Percent Deflection 0 Floor N N N Bulge (mm) 0 Measured At Ring No. Abrasion (Y/N) No Circumferential Seams 7 7 Couplers installed on insiide. Separation (mm) 40 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) Longitudinal Stagger (Y/N) Coating 6 6 Minor superficial corrosion lower 1/4.	Roof		7	7	
Sag (mm) 30	Measured Rise (mm)				
Percent Sag	Measured At Ring No.				Est, silt on floor.
Sidewall	Sag (mm)	30			
Measured Span (mm) 1810 Measured At Ring No. 2 Deflection (mm) 10 Percent Deflection 0 Floor N N N Water/silt. Bulge (mm) 0 Measured At Ring No. Abrasion (Y/N) No Circumferential Seams 7 7 Couplers installed on insilde. Separation (mm) 40 Longitudinal Seams X 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) Coating 6 6 Minor superficial corrosion lower 1/4.	Percent Sag				
Measured At Ring No. 2 Deflection (mm) 10 Percent Deflection 0 Floor N N N Bulge (mm) 0 Measured At Ring No. Abrasion (Y/N) No Circumferential Seams 7 7 Couplers installed on insiide. Separation (mm) 40 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) Coating 6 6 Minor superficial corrosion lower 1/4. Corrosion By Soil (Y/N)	Sidewall		7	7	
Deflection (mm) 10 Percent Deflection 0 Floor N N N Bulge (mm) 0 Measured At Ring No. Abrasion (Y/N) No Circumferential Seams 7 7 Separation (mm) 40 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) Coating 6 6 Minor superficial corrosion lower 1/4.	Measured Span (mm)	1810			
Percent Deflection 0 Floor N N N Bulge (mm) 0 Measured At Ring No. Abrasion (Y/N) No Circumferential Seams 7 7 Separation (mm) 40 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) Coating 6 6 6 Minor superficial corrosion lower 1/4.	Measured At Ring No.	2			
Floor N N N Water/silt. Bulge (mm) 0	Deflection (mm)	10			
Bulge (mm) 0 Measured At Ring No. Abrasion (Y/N) No Circumferential Seams 7 7 Couplers installed on insiide. Separation (mm) 40 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) Coating 6 6 Minor superficial corrosion lower 1/4.	Percent Deflection	0			
Measured At Ring No. Abrasion (Y/N) No Circumferential Seams 7 7 Couplers installed on insiide. Separation (mm) 40 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) Coating 6 6 Minor superficial corrosion lower 1/4.	Floor		N	N	Water/silt.
Abrasion (Y/N) No Circumferential Seams 7 7 Couplers installed on insiide. Separation (mm) 40 Longitudinal Seams X 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) Coating 6 6 Minor superficial corrosion lower 1/4.	Bulge (mm)	0			
Circumferential Seams 7 7 Couplers installed on insiide. Separation (mm) 40 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) Coating 6 6 Minor superficial corrosion lower 1/4.	Measured At Ring No.				
Separation (mm) 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) Coating 6 6 Minor superficial corrosion lower 1/4.	Abrasion (Y/N)	No			
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) Coating 6 6 Minor superficial corrosion lower 1/4.	Circumferential Seams		7	7	Couplers installed on insiide.
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 Minor superficial corrosion lower 1/4.	Separation (mm)	40			
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 Minor superficial corrosion lower 1/4. Corrosion By Soil (Y/N)	Longitudinal Seams		Х	Х	
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 Minor superficial corrosion lower 1/4. Corrosion By Soil (Y/N)	Total No. of Cracked Rings				
Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Longitudinal Stagger (Y/N) Coating 6 6 Minor superficial corrosion lower 1/4. Corrosion By Soil (Y/N)	Total No. of Rings with Two Cracked Seams				
Proper Lap (Y/N) Longitudinal Stagger (Y/N) Coating 6 6 Minor superficial corrosion lower 1/4. Corrosion By Soil (Y/N)	Min. Remaining Steel				
Longitudinal Stagger (Y/N) Coating 6 6 Minor superficial corrosion lower 1/4. Corrosion By Soil (Y/N)	` '				
Coating 6 6 Minor superficial corrosion lower 1/4. Corrosion By Soil (Y/N)					
Corrosion By Soil (Y/N)			6	6	Minor superficial corrosion lower 1/4.
					1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
		Yes			
Camber POS/ZERO/NEG ZERO					

		Brid	dge Cu	lvert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm):	, Rise (mm): 1800, Type: MP)
Ponding (Y/N)	No			
Fish Passage Adequacy		7	7	
Baffle			Х	
(Type:)				
Waterway Adequacy		7	7	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		7	7	
3				
				ream End
Culvert Component		Last	Now	Explanation of Condition
Direction	T	W		
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		X	X	
Collar		X	X	
Wingwalls		Х	Х	
(Shape:)				
Cutoff Wall		Х	Х	
Bevel End		7	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	100			
Scour Protection		7	7	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 200)				
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Downstream End General Ratio	ng	7	7	
			l Structu	re Usage
		Last		Explanation of Condition
Channel (U/S and D/S)			111011	
Alignment		8	8	
Bank Stability		8	8	
HWM (m below Top of Culvert)				LINAM not visible
HWM (m below Top of Culvert)				HWM not visible.
Drift (Y/N) No				
Channel Bottom Degrading/Aggrading				
Beavers (Y/N) No				
(Fish Compensation Measure 1 :	NONE)			
(Fish Compensation Measure 2 : NONE)				

Structure Usage								
Last Now Explanation of Condition								
Channel General Rating	8	8						

Bridge Inspection & Maintenance System (Web 2005)

		Maintenance	Recommendations					
Inspector Recommendations	Year	Inspector Comments	Department C	Tar	Target Year	Est. Cost	Cat #	
SHOTCRETE REPAIRS								
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/N (%)	ow) 77.8/77	.8 Sufficiency Rating (Las (%)	st/Now) 77.9/77.9	Est. Repl. Yr	2030	Maint. Re	qd. (Y/N)	No
Special Comments for Next Inspection			Department Comments					
Maintenance Reviewed By			Date		Estim	nated Total	0	
Proposed Long-Term Strategy								
On 3-Year Program (Y/N)								
Proposed Action								
Previous Inspector's Name	Dave Lam		Previous Assistant's Nam	e				
Next Inspection Date	23-Nov-2014 Previous Inspection Date 08-May-2008							
Inspection Cycle (Default) (months)	39							
Comment								