1					Brida	e Culve	ert Inspection					
Bridge File Num	nber	13716 -1 Bridge Culvert					Form Type	CUL1				
Year Built		1961				Lot No.	4					
Bridge or Town Name EVANSBURG							Inspector Name	Todd Warshawski				
Located Over TRAIL-ANIMAL, OVER SP							Inspector Class	BR CLS B				
Located On 16:10 L1 23.447;16:10 R1 23.39					96		Assistant Name					
Water Body Cl./Year							Assistant Class					
Navigabil. CI./Y							Inspection Date	27-Aug-2012				
Legal Land Loc		NW SE	C 23 TWP 53	RGE 8 W5			Data Entry By	Theresa Lacusta				
Legal Land LocationNW SEC 23 TWP 53 RGE 8 W5Longitude, Latitude-115:04:50, 53:35:48					ואוכ		Data Entry Date	09-Sep-2012				
Road Authority Alberta Transportation (AIT)							Reviewer Name	Eric Carcoux				
Contract Main. Area CMA12							Review Date	29-Aug-2012				
Clear Roadway		25 /					Dept. Reviewer Name					
AADT/Year	JOKEW		2011 (A)				Dept. Review Date	18-Sep-2012				
Road Classifica	tion		2011 (A) 12.4-120				Follow-Up By	10-3ep-2012				
			12.4-120				гоном-ор бу					
Detour Length (	· · · · · · · · · · · · · · · · · · ·	1 ation										
Bridge Culvert		1	1									
	Barrel			Rise (or I		Tuno	Longth	Corr. Profile	PI./Slab	Shano		
Pipe #	Darrei		Span	Kise (of I	Dia.)	Туре	Length	Con. Fiolile	Thickness	Shape		
1	MAIN		-	1810		SP	57.3	152X51	3.0	ROUND		
Special Feature	es						1	1	1			
Special Feature		ment										
•												
					Po	sting Ir	nformation					
Required Vert.	Clearan	nce Posti	ng (m)									
Posted Vertical	Cleara	nce (Y/N	)									
Posted: Lane	NB	On E	Bridge (m)	In Adv	onoo (	V/NI)	No Lane SB C	Do Bridge (m)				
			<u> </u>		ance (	1/IN)		On Bridge (m)	In Advar	nce (Y/N) No		
Remarks	Not re	equired.	<b>3</b> ( )	1	ance (	1/IN)   I			In Advar			
Remarks	Not re	equired.			,		.ocated at)	n bridge (m)⊺	In Advar			
Remarks Utility Attachme		equired.			,				In Advar	ice (Y/N)   No		
					,				In Advar			
Utility Attachme	ents North				,		.ocated at)					
Utility Attachme Telephone	ents North	r/w.			,		Gas					
Utility Attachme Telephone Power	ents North Single	r/w.			,		Gas Municipal					
Utility Attachme Telephone Power Others	ents North Single	r/w. e wire 20			Uti	lities (L	Gas Municipal					
Utility Attachme Telephone Power Others	ents North Single	r/w. e wire 20			Uti	lities (L	Gas Municipal Problem (Y/N) No					
Utility Attachme Telephone Power Others	North Single File ta	r/w. e wire 20			Uti	lities (L	Gas Municipal Problem (Y/N) No	ition				
Utility Attachme Telephone Power Others Remarks	North Single File ta	r/w. e wire 20			Uti oproac Last	lities (L	Gas Municipal Problem (Y/N) No	ition				
Utility Attachme Telephone Power Others Remarks Horizontal Align	North Single File ta	r/w. e wire 20			Uti oproac Last 7	lities (L ch Road Now 7	Gas Municipal Problem (Y/N) No	ition /est.				
Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width	North Single File ta	r/w. e wire 20	m west.		Uti oproad Last 7 8	lities (L	Gas Municipal Problem (Y/N) No I / Embankment Explanation of Condi LR intersection 50m W	ition /est.				
Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment	North Single File ta ment ent n (m)	r/w. e wire 20	25.000		Uti oproac Last 7	lities (L ch Road Now 7	Gas Municipal Problem (Y/N) No I / Embankment Explanation of Condi LR intersection 50m W	ition /est.				
Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment Sideslope (	North Single File ta ment ent (m)	r/w. e wire 20 ag U/S.	m west.		Uti oproad Last 7 8	lities (L	Gas Municipal Problem (Y/N) No I / Embankment Explanation of Condi LR intersection 50m W	ition /est.				
Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment	North Single File ta ment ent (m)	r/w. e wire 20 ag U/S.	25.000 3.0		Uti oproad Last 7 8	lities (L	Gas Municipal Problem (Y/N) No I / Embankment Explanation of Condi LR intersection 50m W	ition /est.				
Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment Sideslope (	North Single File ta ment ent (m)	r/w. e wire 20 ag U/S.	25.000		Uti oproad Last 7 8	lities (L	Gas Municipal Problem (Y/N) No I / Embankment Explanation of Condi LR intersection 50m W	ition /est.				
Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment Sideslope (	North Single File ta ment ent (m) :1) ver(m) :	r/w. e wire 20 ag U/S. : <b>1.5</b> )	25.000 3.0 Yes		Uti pproad Last 7 8 7	lities (L h Road Now 7 8	Gas Municipal Problem (Y/N) No I / Embankment Explanation of Condi LR intersection 50m W WBL 12.6m, EBL 12.4	ition /est.				
Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment Sideslope (	North Single File ta ment ent (m) :1) ver(m) :	r/w. e wire 20 ag U/S. : <b>1.5</b> )	25.000 3.0 Yes		Uti oproad Last 7 8	lities (L	Gas Municipal Problem (Y/N) No I / Embankment Explanation of Condi LR intersection 50m W WBL 12.6m, EBL 12.4	ition /est.				
Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment Sideslope (	North Single File ta ment ent (m) :1) ver(m) :	r/w. e wire 20 ag U/S. : <b>1.5</b> )	25.000 3.0 Yes		Uti Dproad Last 7 8 7 7 7	lities (L h Road Now 7 8 7 7 7	Gas Municipal Problem (Y/N) No I / Embankment Explanation of Condi LR intersection 50m W WBL 12.6m, EBL 12.4	ition /est.				
Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment Sideslope (	ents North North Single File ta ment ent (m) :1) ver(m) :	r/w. e wire 20 ag U/S. : <b>1.5</b> )	25.000 3.0 Yes		Uti Dproad Last 7 8 7 7 7	lities (L h Road Now 7 8 7 7 7	.ocated at)         Gas         Municipal         Problem (Y/N)         No         I / Embankment         Explanation of Condi         LR intersection 50m W         WBL 12.6m, EBL 12.4         Outside of lanes only.	ition /est. m.				
Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment Sideslope ( (Height of Cov Guardrail (Y/N) Approach Roa	ents North North Single File ta ment ent (m) :1) ver(m) :	r/w. e wire 20 ag U/S. : <b>1.5</b> )	25.000 3.0 Yes		Uti Dproac Last 7 8 8 7 7 7 7	lities (L h Road Now 7 8 8 7 7 Upstre	.ocated at)         Gas         Municipal         Problem (Y/N)         No         I / Embankment         Explanation of Condi         LR intersection 50m W         WBL 12.6m, EBL 12.4         Outside of lanes only.	ition /est. m.				
Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment Sideslope (	North North North Single File ta	r/w. e wire 20 ag U/S. : <b>1.5</b> )	25.000 3.0 Yes nt General Ra		Uti Dproad Last 7 8 7 7 7 7 7	lities (L h Road Now 7 8 8 7 7 Upstre	.ocated at)         Gas         Municipal         Problem (Y/N)         No         I / Embankment         Explanation of Condi         LR intersection 50m W         WBL 12.6m, EBL 12.4         Outside of lanes only.	ition /est. m.				
Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment Sideslope (	North North North Single File ta	r/w. e wire 20 ag U/S. : <b>1.5</b> )	25.000 3.0 Yes nt General Ra		Uti Dproad Last 7 8 7 7 7 7 7	lities (L h Road Now 7 8 8 7 7 Upstre	.ocated at)         Gas         Municipal         Problem (Y/N)         No         I / Embankment         Explanation of Condi         LR intersection 50m W         WBL 12.6m, EBL 12.4         Outside of lanes only.	ition /est. m.				
Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Embankment Sideslope (	North North North Single File ta	r/w. e wire 20 ag U/S. : <b>1.5</b> )	25.000 3.0 Yes nt General Ra		Uti Dproace Last 7 8 7 7 7 7 Last S	lities (L h Road Now 7 8 7 Vpstre Now	.ocated at)         Gas         Municipal         Problem (Y/N)         No         I / Embankment         Explanation of Condi         LR intersection 50m W         WBL 12.6m, EBL 12.4         Outside of lanes only.	ition /est. m.				

Alberta Transportation

Upstream End								
Culvert Component		Last	Now	Explanation of Condition				
Wingwalls			X					
(Shape : )			-					
Cutoff Wall		Х	X					
Bevel End		Х	Х					
Heaving (mm) 50								
Invert Above/Below Stream Bed BELOW								
Above/Below (mm)	100		1					
Scour Protection		7	7					
(Type : NATURAL)								
(Avg. Rock Size(mm) : )			-					
Scour/Erosion		7	7					
Beavers (Y/N)	No							
Upstream End General Rating	1	7	7					
		Det		Vort Barrol				
Culvert Component		Last	Now	Ivert Barrel Explanation of Condition				
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN_Spa			, Rise (mm): 1810, Type: SP)				
Barrel Last Accessible Date	27-Aug-2012		<u>.</u>					
	27-Aug-2012							
Special Features								
Special Feature								
(Type : )		1						
Special Feature								
(Туре : )								
Roof		N	5	Minor mower damage to roof at both ends.				
Measured Rise (mm)				Dirt/gravel on floor, could not measure. Roof in good shape.				
Measured At Ring No.				-				
Sag (mm)	10			_				
Percent Sag								
Sidewall		5	5	Dent NW, ring 20.				
Measured Span (mm)	1820			-				
Measured At Ring No.	6			-				
Deflection (mm)	10			-				
Percent Deflection	0							
Floor		N	N	Concrete floor. Covered with dirt/gravel.				
Bulge (mm)	0							
Measured At Ring No.				-				
Abrasion (Y/N)	No		-					
Circumferential Seams		7	7					
Separation (mm)	0							
Longitudinal Seams	1	7	7	-				
Total No. of Cracked Rings	0			-				
Total No. of Rings with Two Cracked Seams				1N stagger				
Min. Remaining Steel Between Cracks (mm)								
Proper Lap (Y/N)	No							
Longitudinal Stagger (Y/N)	Yes		_					
Coating		6	6					
Corrosion By Soil (Y/N)	No							
Corrosion By Water (Y/N)	Yes							

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

13716 -1 Bridge Culvert

		Brid	lae Cu	Ivert Barrel				
Culvert Component			Now					
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN	l, Span (mm	):	, Rise (mm): 1810, Type: SP)				
Camber POS/ZERO/NEG	NEG							
Ponding (Y/N)	No							
Fish Passage Adequacy		X	Х					
Baffle		X	X					
(Туре : )		I						
Waterway Adequacy		8	8	Though cattle pass, it appears that water flows through culvert.				
Icing (Y/N)	No							
Silting (Y/N)	Yes							
Drift (Y/N)	No			-				
Barrel General Rating		5	5					
		D	ownst	ream End				
Culvert Component		Last	Now	Explanation of Condition				
Direction		N						
End Treatment (Concrete, Steel, Others, None)	NONE							
Headwall		Х	X					
Collar		X	X					
Wingwalls		X	X					
(Shape : )								
Cutoff Wall		X	X					
Bevel End		X	Х					
Heaving (mm)	0							
Invert Above/Below Stream Bed	BELOW							
Above/Below (mm)	200							
Scour Protection		7	7					
(Type : <b>NATURAL</b> )								
(Avg. Rock Size(mm) : )								
Scour/Erosion		7	7					
Beavers (Y/N)	No							
Downstream End General Rati	ng	7	7					
		s	tructu	re Usage				
		Last	Now	Explanation of Condition				
Grade Separation		7						
Road Alignment			7	-				
Roadway Surface		7	7					
(Туре : )								
Icing (Y/N)	No							
Traffic Safety Features		X	Х					
Туре	NONE			1				
Lighting		Х	X					
Barrel Leakage (Y/N)	Yes							

## Bridge Inspection & Maintenance System (Web 2005)

Structure Usage								
		Last	Now	Explanation of Condition				
Drainage			5	Ponding on North end 150 mm. Bush growing @ South end & North end.				
Structure In Use (Y/N) No				Entrance and ext. obstructed by trees.				
Grade Separation General Rating			5					

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	)FF										
REPAIR SEAMS											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/Now) (%)		55.6/55.0	6 Sufficiency Rating (Last/No (%)	ow) 6	7.5/67.4	Est. Repl. Yr	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	Kris Bos	sters	P	revious Assistant's Name							
Next Inspection Date	27-May-	-2014	P	revious Inspection Date 05-Oct-2010							
Inspection Cycle (Default) (months) 21											
Comment											