					Bride	a Culv	ert Inspe	ection					
Bridge File Nur	nber	72520 -	-1 Bridge Culve	ert	ыще	je Cuiv	Form T			CULE			
Year Built/Line		1956/2		,,,			Lot No.	•		4			
Bridge or Town								tor Name	<u> </u>	Eric Carcoux			
Located Over			TARY TO RED	WATER R	IVER.		· ·	or Class		BR CLS A			
		6.63.6,	WATERCRS-S	ST .			· ·	Assistant Name		Brian Cote			
Located On		18:12 (C1 25.150				Assistant Class			Shan oolo			
Water Body Cl.	/Year						Inspection Date			26-Aug-2011			
Navigabil. Cl./Y	'ear						Data Entry By			Theresa Lacus	sta		
Legal Land Loc	ation	SE SE	C 6 TWP 60 R	3E 22 W4N	М		Data Entry Date			27-Sep-2011			
Longitude, Lati	tude	-113:16	5:39, 54:09:08					er Name		Arnold Assenh	neimer		
Road Authority		Alberta	Transportation (AIT)				Review	Date		26-Sep-2011			
Contract Main.	Area	CMA07					Dept. R	Reviewer	Name	·			
Clear Roadway	/Skew	9.2 / 30	deg. (RHF)	deg. (RHF)				Review Da		28-Sep-2011			
AADT/Year		1,220 /	2010 (A)				Follow-						
Road Classifica	ation	RAU-20	09-110					-					
Detour Length	(km)	6											
Bridge Culvert		nation											
Number of Culv	/erts		3			1							
Pipe #	Barrel		Span	Rise (or	Dia.)	Туре		Length		Corr. Profile	PI./Slab Thickness	Shape	
3	U/S FL LINER		-	1400		MP		9		125X26	2.8	ROUND	
3	MAIN I LINER		-	1219		SSP		20.6				ROUND	
3	D/S FL LINER		-	1400		MP		9		125X26	2.8	ROUND	
4	U/S FL LINER	JLL	-	2000		MP		9		125X26	2.8	ROUND	
4	MAIN I		-	1819		SSP		20.6				ROUND	
4	D/S FU	JLL	-	2000		MP		9		125X26	2.8	ROUND	
5	U/S		-	1900		MP			125X26	125X26	2.8	ROUND	
5	MAIN		-	1676		SSP		20.6		125X26		ROUND	
5	D/S		-	1900		MP					2.8	ROUND	
Special Feature				1000		11111		-		120/120	2.0	TROUND	
Special Feature		ment											
•													
					Ut	ilities (l	Located	at)					
Utility Attachme	ents						-		1				
Telephone							Gas						
Power	2 wire	s North	r/w.				Municip						
Others							Problen	n (Y/N)	No				
Remarks	File ta	ag not fo	und.										
				Aç	oproa Last	Now	Explan	ankmenti ation of		tion			
Horizontal Aligr	nmont				Lasi 7	7				ersection.			
Vertical Alignm					8	8	- 130111 W	7631 OI 101	cai iiile	risection.			
Roadway Width			9.200		0	0							
Embankment					7	7	-						
	.1)		3.0		/	/							
Sideslope (. 3)	3.0										
Guardrail (Y/N)		. J)	No										
Approach Roa	id / Em	bankme	nt General Ra	ting	7	7							

			Upstre	
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 3, Span Type: Second	lary Span)			
Direction		N		West pipe.
End Treatment (Concrete, Steel, Others, None)	STEEL		_	
Headwall		Х	X	
Collar		Х	Х	
Wingwalls		Х	Х	
(Shape:)				
Cutoff Wall		X	X	
Bevel End		7	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed				
Above/Below (mm)	300			
Scour Protection		7	7	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Upstream End General Rating		7	7	
		Brid	dae Cu	vert Barrel
Culvert Component		Last		Explanation of Condition
(Pipe #: 3, Secondary Span, Lo	cation Code: U/S, Sp	an (mı	m):	, Rise (mm): 1400, Type: MP)
(Pipe # : 3, Secondary Span, Lo	cation Code: U/S, Sp 26-Aug-2011	an (mi	m):	, Rise (mm): 1400, Type: MP)
Barrel Last Accessible Date		an (mi	m):	, Rise (mm): 1400, Type: MP)
Barrel Last Accessible Date Special Features		an (mi	m):	, Rise (mm): 1400, Type: MP)
Special Features Special Feature		an (mi	m):	, Rise (mm): 1400, Type: MP)
Special Features Special Feature (Type:)		an (mi	m):	, Rise (mm): 1400, Type: MP)
Special Features Special Feature (Type:) Special Feature		an (mi	m):	, Rise (mm): 1400, Type: MP)
Special Features Special Feature (Type:) Special Feature (Type:)		an (mi	m):	
Barrel Last Accessible Date Special Features Special Feature (Type:) Special Feature (Type:) Roof	26-Aug-2011			, Rise (mm): 1400, Type: MP) Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm)				
Special Features Special Feature (Type:) Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No.	26-Aug-2011			
Barrel Last Accessible Date Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm)	26-Aug-2011 1400 0			
Barrel Last Accessible Date Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag	26-Aug-2011	7	7	
Barrel Last Accessible Date Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall	1400 0			
Barrel Last Accessible Date Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm)	26-Aug-2011 1400 0	7	7	Measured @ c/l.
Barrel Last Accessible Date Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No.	1400 0 0	7	7	Measured @ c/l.
Barrel Last Accessible Date Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm)	26-Aug-2011 1400 0 0 1400 0	7	7	Measured @ c/l.
Barrel Last Accessible Date Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection	1400 0 0	7	7	Measured @ c/l.
Barrel Last Accessible Date Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor	1400 0 0 1400 0	7	7	Measured @ c/l.
Barrel Last Accessible Date Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm)	26-Aug-2011 1400 0 0 1400 0	7	7	Measured @ c/l.
Barrel Last Accessible Date Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No.	1400 0 0 0 0	7	7	Measured @ c/l.
Barrel Last Accessible Date Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N)	1400 0 0 1400 0	7 7 7	7	Measured @ c/l.
Barrel Last Accessible Date Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No.	1400 0 0 0 0	7	7	Measured @ c/l.

		Brid	dge Cu	vert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 3, Secondary Span, Lo	ocation Code: U/S, Sp	an (mr	n):	, Rise (mm): 1400, Type: MP)
Longitudinal Seams		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			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		8	8	
Baffle		Х	Х	
(Type:)		1		
Waterway Adequacy	I	8	8	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel Extension General Ratir	ng	7	7	
		Brid	dge Cu	vert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 3, Secondary Span, Lo	cation Code: MAIN, S	Span (r	nm):	, Rise (mm): 1219, Type: SSP)
Damel Last Assessible Date				l
Barrel Last Accessible Date	26-Aug-2011			West pipe.
Special Features	26-Aug-2011			West pipe.
	26-Aug-2011			West pipe.
Special Features	26-Aug-2011			West pipe.
Special Features Special Feature	26-Aug-2011			West pipe.
Special Features Special Feature (Type:)	26-Aug-2011			West pipe.
Special Features Special Feature (Type:) Special Feature	26-Aug-2011	7	7	
Special Features Special Feature (Type:) Special Feature (Type:)	26-Aug-2011	7	7	West pipe. Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No.		7	7	
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm)	1200	7	7	
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No.	1200	7	7	
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm)	1200	7	7	Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag	1200			
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No.	1200 19 2			Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm)	1200 19 2			Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No.	1200 19 2		7	Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm)	1200 19 2 1200			Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm)	1200 19 2 1200	7	7	Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No.	1200 19 2 1200 19 2	7	7	Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N)	1200 19 2 1200 19 2	7	7	Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No.	1200 19 2 1200 19 2	7	7	Measured @ c/l.

		Brid	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 3, Secondary Span, Lo	cation Code: MAIN, S	Span (r	nm):	, Rise (mm): 1219, Type: SSP)
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		7	7	
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		8	8	
Baffle		Х	Х	
(Type:)				
Waterway Adequacy		8	8	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		7	7	
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 3, Span Type: Second	ary Snan)	Lasi	INOW	Explanation of Condition
Direction	агу оран)	s		West pipe.
End Treatment (Concrete, Steel, Others, None)	STEEL			TWOSE PIPO.
Headwall		Х	Х	
Collar		Х	Х	
Wingwalls		Х	Х	
(Shape:)				
Cutoff Wall		Х	Х	
Bevel End		7	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	300			
Scour Protection		7	7	
(Type: RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Downstream End General Ratio	ng	7	7	

			Upstre	
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 4, Span Type: Second	lary Span)			
Direction		N		Centre pipe.
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	Х	
Collar		Х	Х	
Wingwalls		Х	Х	
(Shape:)				
Cutoff Wall		Х	Х	
Bevel End		7	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	400			
Scour Protection		7	7	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Upstream End General Rating		7	7	
		Brid	dae Cu	vert Barrel
Culvert Component		Last	Now	Explanation of Condition
Culvert Component (Pipe # : 4, Secondary Span, Lo	cation Code: U/S, Sp			Explanation of Condition , Rise (mm): 2000, Type: MP)
-	pcation Code: U/S, Sp 26-Aug-2011			_
(Pipe # : 4, Secondary Span, Lo				_
(Pipe # : 4, Secondary Span, Lo				_
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features				_
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature				_
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature				_
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :)		an (mr	m):	_
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof	26-Aug-2011			_
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm)	26-Aug-2011 1990	an (mr	m):	, Rise (mm): 2000, Type: MP)
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No.	26-Aug-2011 1990 2	an (mr	m):	, Rise (mm): 2000, Type: MP)
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm)	1990 2 10	an (mr	m):	, Rise (mm): 2000, Type: MP)
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag	26-Aug-2011 1990 2	7	m):	, Rise (mm): 2000, Type: MP)
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall	1990 2 10	an (mr	m):	, Rise (mm): 2000, Type: MP)
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm)	1990 2 10 1	7	m):	, Rise (mm): 2000, Type: MP) D/S SECTION
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No.	1990 2 10 1	7	m):	, Rise (mm): 2000, Type: MP) D/S SECTION
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm)	26-Aug-2011 1990 2 10 1 2010 2 10	7	m):	, Rise (mm): 2000, Type: MP) D/S SECTION
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection	1990 2 10 1	7 7	m):	, Rise (mm): 2000, Type: MP) D/S SECTION
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor	26-Aug-2011 1990 2 10 1 2010 2 10 1	7	m):	, Rise (mm): 2000, Type: MP) D/S SECTION
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm)	26-Aug-2011 1990 2 10 1 2010 2 10	7 7	m):	, Rise (mm): 2000, Type: MP) D/S SECTION
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No.	26-Aug-2011 1990 2 10 1 2010 2 10 1	7 7	m):	, Rise (mm): 2000, Type: MP) D/S SECTION
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N)	26-Aug-2011 1990 2 10 1 2010 2 10 1	7 7 7	m):	, Rise (mm): 2000, Type: MP) D/S SECTION
(Pipe # : 4, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No.	26-Aug-2011 1990 2 10 1 2010 2 10 1	7 7	m):	, Rise (mm): 2000, Type: MP) D/S SECTION

		Brid	dge Cu	vert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 4, Secondary Span, Lo	ocation Code: U/S, Sp	an (mr	m):	, Rise (mm): 2000, Type: MP)
Longitudinal Seams		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			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		8	8	
Baffle		Х	Х	
(Type:)				
Waterway Adequacy	I	8	8	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel Extension General Ratir	ng	7	7	
		Brio	dge Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 4, Secondary Span, Lo	ocation Code: MAIN, S	Span (r	mm):	, Rise (mm): 1819, Type: SSP)
				Centre pipe.
Barrel Last Accessible Date	26-Aug-2011			Остиго ріро.
Special Features	26-Aug-2011			остиге ріре.
	26-Aug-2011			
Special Features	26-Aug-2011			
Special Features Special Feature	26-Aug-2011			
Special Features Special Feature (Type:)	26-Aug-2011			
Special Features Special Feature (Type:) Special Feature	26-Aug-2011	7	7	
Special Features Special Feature (Type:) Special Feature (Type:)	26-Aug-2011	7	7	Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof		7	7	
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm)		7	7	
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No.	1790	7	7	
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm)	1790 29	7 7	7	Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag	1790 29			
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall	1790 29 2			Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm)	1790 29 2			Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No.	1790 29 2			Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm)	1790 29 2			Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection	1790 29 2	7	7	Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor	1790 29 2 1820	7	7	Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm)	1790 29 2 1820	7	7	Measured @ c/l.
Special Features Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No.	1790 29 2 1820 0	7	7	Measured @ c/l.

		Bric	lge Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 4, Secondary Span, Lo	cation Code: MAIN, S	Span (n	nm):	, Rise (mm): 1819, Type: SSP)
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		7	7	
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		7	7	
Baffle		Х	Х	
(Type:)				
Waterway Adequacy		7	7	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		7	7	
			owneti	ream End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 4, Span Type: Second	arv Span)	Luci	11011	
Direction		s		Center pipe.
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	Х	
Collar		Х	Х	
Wingwalls		Х	Х	
(Shape :)				
Cutoff Wall		Х	Х	
Bevel End		7	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	400			
Scour Protection		7	7	
(Type: RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Downstream End General Ratin	ng	7	7	

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 5, Span Type: Second	ary Span)			
Direction		N		East pipe.
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	Х	
Collar		Х	Х	
Wingwalls		Х	Х	
(Shape:)				
Cutoff Wall		X	X	
Bevel End	ı	7	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	400			
Scour Protection		7	7	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Upstream End General Rating		7	7	
		Brid	dae Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
Culvert Component (Pipe # : 5, Secondary Span, Lo	cation Code: U/S, Sp		Now n):	Explanation of Condition , Rise (mm): 1900, Type: MP)
Culvert Component (Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date	cation Code: U/S, Spa 26-Aug-2011			Rise (mm): 1900, Type: MP) East pipe.
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date				, Rise (mm): 1900, Type: MP)
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features				, Rise (mm): 1900, Type: MP)
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature				, Rise (mm): 1900, Type: MP)
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :)				, Rise (mm): 1900, Type: MP)
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature				, Rise (mm): 1900, Type: MP)
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :)		an (mr	m):	, Rise (mm): 1900, Type: MP)
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof	26-Aug-2011			, Rise (mm): 1900, Type: MP) East pipe.
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm)		an (mr	m):	, Rise (mm): 1900, Type: MP)
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No.	26-Aug-2011 1885	an (mr	m):	, Rise (mm): 1900, Type: MP) East pipe.
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm)	26-Aug-2011 1885	an (mr	m):	, Rise (mm): 1900, Type: MP) East pipe.
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag	26-Aug-2011 1885	an (mr	m):	, Rise (mm): 1900, Type: MP) East pipe.
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall	1885 15	an (mr	m):	, Rise (mm): 1900, Type: MP) East pipe.
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm)	26-Aug-2011 1885	an (mr	m):	, Rise (mm): 1900, Type: MP) East pipe.
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No.	1885 15 1	an (mr	m):	Rise (mm): 1900, Type: MP) East pipe. d/s section
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm)	1885 15 1 1915	an (mr	m):	Rise (mm): 1900, Type: MP) East pipe. d/s section
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection	1885 15 1	7 7	n):	Rise (mm): 1900, Type: MP) East pipe. d/s section
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor	1885 15 1 1915	an (mr	m):	Rise (mm): 1900, Type: MP) East pipe. d/s section
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm)	1885 15 1 1915	7 7	n):	Rise (mm): 1900, Type: MP) East pipe. d/s section
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No.	1885 15 1 1915 15	7 7	n):	Rise (mm): 1900, Type: MP) East pipe. d/s section
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm)	1885 15 1 1915	7 7	n):	Rise (mm): 1900, Type: MP) East pipe. d/s section
(Pipe # : 5, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No.	1885 15 1 1915 15	7 7	n):	Rise (mm): 1900, Type: MP) East pipe. d/s section

		Brid	dge Cu	vert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 5, Secondary Span, Lo	cation Code: U/S, Sp	an (mr	n):	, Rise (mm): 1900, Type: MP)
Longitudinal Seams		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			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		8	8	
Baffle		Х	Х	
(Type:)		I		
Waterway Adequacy		8	8	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel Extension General Ratin	g	7	7	
		Brid	dge Cu	vert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 5, Secondary Span, Lo	cation Code: MAIN, S	pan (r	nm):	, Rise (mm): 1676, Type: SSP)
Barrel Last Accessible Date	26-Aug-2011			
Special Features		ı		
Special Feature				
(Type:)				
Special Feature				
(Type:)		1		
Roof		7	7	 Measured @ c/l.
Measured Rise (mm)	1670			Measured @ C/1.
Measured At Ring No.				
Sag (mm)	6			
Percent Sag	0			
Sidewall		7	7	Measured @ c/l.
Measured Span (mm)	7			inteasured & Oil.
Measured At Ring No.				
Deflection (mm)	0			
Percent Deflection	0			
Floor		7	7	
Bulge (mm)	0			
Measured At Ring No.				
Abrasion (Y/N)				
	No			
Circumferential Seams Separation (mm)	No	X	X	

		Brid	dge Cu	vert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 5, Secondary Span, Lo	cation Code: MAIN, S	Span (r	nm):	, Rise (mm): 1676, Type: SSP)
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		7	7	
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		8	8	
Baffle		Х	Х	
(Type:)		1		
Waterway Adequacy		8	8	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		7	7	
		D	ownstr	eam End
Culvert Component		Last	Now	Explanation of Condition
Cuivert Component		Lasi		
•	ary Span)	Lasi	INOW	
(Pipe # : 5, Span Type: Second	ary Span)	S	INOW	
(Pipe # : 5, Span Type: Second			inow	
(Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel,			X	
(Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None)		S		
(Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall		s X	X	
(Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar		s x x	X	
(Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls		s x x	X	
(Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :)		S X X	X X	
(Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall		x x x	X X X	
(Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End	STEEL	x x x	X X X	
(Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm)	STEEL	x x x	X X X	
(Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed	0 BELOW	x x x	X X X	
(Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm)	0 BELOW	X X X	X X X X 7	
(Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection	0 BELOW	X X X	X X X X 7	
(Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP)	0 BELOW	X X X	X X X X 7	
(Pipe # : 5, Span Type: Second Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type : RIP RAP) (Avg. Rock Size(mm) : 300)	0 BELOW	x x x x 7 7	X X X X 7 7	

		S	tructu	re Usage
		Last	Now	Explanation of Condition
Channel (U/S and D/S)				
Alignment		6	6	45 DEGREEE BEND U/S.
Bank Stability		7	7	
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)			
Channel General Rating		6	6	

			Maintena	ance Recommen	dations					
Inspector Recommendations	Year	Inspecto	or Comments		Department Com	ments		Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS										
PLACE ADDITIONAL RIP RAP										
REMOVE DRIFT ACCUMULATION										
INSTALL CONCRETE/STEEL LINING	6									
INSTALL STRUTS										
INSTALL CONCRETE COLLAR/CUTO	OFF									
REPAIR SEAMS										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/N (%)	ow) 77.8/7	7.8	Sufficiency Rating (%)	j (Last/Now)	74.6/74.7	Est. Repl. Yr	2035	Maint. Re	qd. (Y/N)	No
Special Comments for Next Inspection					Department Comments					
Maintenance Reviewed By					Date		E	Estimated Tota	1 0	
Proposed Long-Term Strategy										
On 3-Year Program (Y/N)										
Proposed Action										
Previous Inspector's Name	Eric Carcoux			Previous	Assistant's Name					
Next Inspection Date	26-May-2013			Previous	Inspection Date	17-Dec-2009				
Inspection Cycle (Default) (months)	21									
Comment										