					Brida	A Culve	ert Inspection	on					
Bridge File Nu	ımber	86158 -	1 Bridge Culv		Dilug				CULE	CULE			
Year Built	illipei	2007	T bridge Cur	7611			Lot No.		4				
Bridge or Tow	n Name		tar				Inspector N	Jame	Russel Vanderschaaf				
Located Over			COURSE, W	/ATEDODS	S-NI		Inspector Class		BR CLS B				
Located Over			35.940	ATENONO-	-111		Assistant Name		BR CL3 B				
Water Body C	1 /Voor	33.00 C	71 33.340				Assistant Class						
Navigabil. Cl./									16-Nov-2011				
Legal Land Lo		NE SEC	C 32 TWP 90	DCE 22 WE	- N /		Inspection Date			oto			
					Data Entry By Data Entry Date				Theresa Lacusta				
Longitude, Lat Road Authority			:33, 56:51:14					13-Dec-2011 Eric Carcoux					
Road Authority Alberta Transporta Contract Main. Area CMA04			-	m (AII)			Review Da		12-Dec-2011				
Clear Roadway/Skew 10.5 / 7 deg. (RHF)									Steve Pasqua	ırı			
AADT/Year	4:		2010 (A)				Dept. Revie		09-Jan-2012				
Road Classific		RAU-21	0-110				Follow-Up	Ву					
Detour Length		3											
Bridge Culver		ation	2										
Number of Cul			2 Snon	Diag (s. 5	Dic \	T		o oth	Corr Destile	DI /Clak	Chara		
Pipe #	Barrel		Span	Rise (or [טומ.)	Туре		ngth	Corr. Profile	PI./Slab Thickness	Shape		
1	U/S		-	2000		MP	8.4		125X26	2.8	ROUND		
1	MAIN		-	1829		SSP	18			12.5	ROUND		
1	D/S		-	2000		MP	10.		125X26	2.8	ROUND		
2	U/S		-	2000		MP	7.4	<u> </u>	75X25	2.8	ROUND		
2	MAIN		-	1829		SSP	18			12.5	ROUND		
2 D/S -				2000									
			-	2000		MP	10.	.4	75X25	2.8	ROUND		
Special Featur	res		-	2000		MP	10.	.4	75X25	2.8	ROUND		
Special Featur	res	ment	-	2000		MP	10.	4	75X25	2.8	ROUND		
Special Featur	res	ment	-	2000	1141			.4	75X25	2.8	ROUND		
Special Featur	res Com	ment	-	2000	Uti		.ocated at)	4	75X25	2.8	ROUND		
Special Featur Special Featur Utility Attachm	res Com	ment		2000	Uti		ocated at)	4	75X25	2.8	ROUND		
Special Featur Special Featur Utility Attachm Telephone	res Com	ment		2000	Uti		ocated at)	4	75X25	2.8	ROUND		
Special Featur Special Featur Utility Attachm Telephone Power	res Com	ment		2000	Uti		Gas Municipal		75X25	2.8	ROUND		
Special Featur Special Featur Utility Attachm Telephone Power Others	res Com	ment		2000	Uti		ocated at)		75X25	2.8	ROUND		
Special Featur Special Featur Utility Attachm Telephone Power Others	res Com	ment				lities (L	Gas Municipal Problem (Y	//N) No	75X25	2.8	ROUND		
Special Featur Special Featur Utility Attachm Telephone Power Others	res Com	ment		Ар	proac	lities (L	Gas Municipal Problem (Y	//N) No		2.8	ROUND		
Special Featur Special Featur Utility Attachm Telephone Power Others Remarks	res Comments	ment		Ар	proac Last	lities (L	Gas Municipal Problem (Y	//N) No ment on of Condi	tion	2.8	ROUND		
Special Featur Special Featur Utility Attachm Telephone Power Others Remarks Horizontal Alig	res Comments	ment		Ар	oproac Last 6	lities (L	Gas Municipal Problem (Y	//N) No	tion	2.8	ROUND		
Special Featur Special Featur Utility Attachm Telephone Power Others Remarks Horizontal Alig	res Comments	ment		Ар	proac Last	lities (L	Gas Municipal Problem (Y	//N) No ment on of Condi	tion	2.8	ROUND		
Special Featur Special Featur Utility Attachm Telephone Power Others Remarks	res Comments	ment		Ар	oproac Last 6	lities (L	Gas Municipal Problem (Y	//N) No ment on of Condi	tion	2.8	ROUND		
Special Featur Special Featur Special Featur Utility Attachm Telephone Power Others Remarks Horizontal Alig Vertical Alignn	res Comments	ment	10.200	Ар	oproac Last 6	lities (L	Gas Municipal Problem (Y	//N) No ment on of Condi	tion	2.8	ROUND		
Special Featur Special Featur Special Featur Utility Attachm Telephone Power Others Remarks Horizontal Alig Vertical Alignn	res Comments	ment	10.200	Ар	Deroad Last 6 7	lities (L Now 6	Gas Municipal Problem (Y	//N) No ment on of Condi	tion	2.8	ROUND		
Special Featur Special Featur Special Featur Utility Attachm Telephone Power Others Remarks Horizontal Alig Vertical Alignn Roadway Widt Embankment	res Compens de la compensa del compensa de la compensa de la compensa de la compensa de la compensa del compensa de la compensa della compensa dell	ment		Ар	oproac Last 6	lities (L	Gas Municipal Problem (Y	//N) No ment on of Condi	tion	2.8	ROUND		
Special Featur Special Featur Special Featur Utility Attachm Telephone Power Others Remarks Horizontal Alig Vertical Alignn Roadway Widt Embankment Sideslope (_	res res Com nents gnment ment th (m) _:1)		10.200	Ар	Deroad Last 6 7	lities (L Now 6	Gas Municipal Problem (Y	//N) No ment on of Condi	tion	2.8	ROUND		
Special Featur Special Featur Special Featur Utility Attachm Telephone Power Others Remarks Horizontal Alig Vertical Alignm Roadway Widt Embankment Sideslope (_ (Height of Co	gnment ment ith (m) icover(m)		4.0	Ар	Deroad Last 6 7	lities (L Now 6	Gas Municipal Problem (Y	//N) No ment on of Condi	tion	2.8	ROUND		
Special Featur Special Featur Special Featur Utility Attachm Telephone Power Others Remarks Horizontal Alig Vertical Alignm Roadway Widt Embankment Sideslope (_ (Height of Co	gnment ment ith (m) icover(m)			Ар	Deroad Last 6 7	lities (L Now 6	Gas Municipal Problem (Y	//N) No ment on of Condi	tion	2.8	ROUND		
Special Featur Special Featur Special Featur Utility Attachm Telephone Power Others Remarks Horizontal Alig Vertical Alignn Roadway Widt Embankment Sideslope (_ (Height of Co	gnment ment ith (m) _:1) cover(m)	:)	4.0	Ар	Deroad Last 6 7	lities (L Now 6	Gas Municipal Problem (Y	//N) No ment on of Condi	tion	2.8	ROUND		
Special Featur Special Featur Special Featur Utility Attachm Telephone Power Others Remarks Horizontal Alig Vertical Alignn Roadway Widt Embankment Sideslope (_ (Height of Co	gnment ment ith (m) _:1) cover(m)	:)	4.0	Ар	Diproad Last 6 7	lities (Lines (L	Gas Municipal Problem (Y	//N) No ment on of Condi	tion		ROUND		
Special Featur Special Featur Special Featur Utility Attachm Telephone Power Others Remarks Horizontal Alig Vertical Alignn Roadway Widt Embankment Sideslope (_ (Height of Co Guardrail (Y/N Approach Ro	gnment ment th (m) cover(m) and / Emi	:)	4.0	Ap	7 6	lities (Lines (L	Gas Municipal Problem (Y	//N) No ment on of Condi uation on cu	tion Irve.	2.8	ROUND		
Special Featur Special Featur Special Featur Utility Attachm Telephone Power Others Remarks Horizontal Alig Vertical Alignn Roadway Widt Embankment Sideslope (_	gnment ment ith (m) _:1) cover(m) pad / Emi	:)	4.0	Ap	7 6	lities (Lines (L	Gas Municipal Problem (Y I / Embanki Explanatio Super eval	//N) No ment on of Condi uation on cu	tion Irve.	2.8	ROUND		
Special Featur Special Featur Special Featur Utility Attachm Telephone Power Others Remarks Horizontal Alig Vertical Alignn Roadway Widt Embankment Sideslope (_ (Height of Co Guardrail (Y/N Approach Ro Culvert Comp (Pipe # : 1, Sp	gnment ment ith (m) _:1) cover(m) pad / Emi	:)	4.0	Ap	7 6	lities (Lines (L	Gas Municipal Problem (Y I / Embanki Explanatio Super eval	//N) No ment on of Condi uation on cu	tion Irve.		ROUND		
Special Featur Special Featur Special Featur Utility Attachm Telephone Power Others Remarks Horizontal Alig Vertical Alignm Roadway Widt Embankment Sideslope (_ (Height of Co Guardrail (Y/N Approach Ro	gnment ment th (m) cover(m) oad / Eml pan Type	:) bankme	4.0 Yes nt General R	Ap	7 6	lities (Lines (L	Gas Municipal Problem (Y I / Embanki Explanatio Super eval	//N) No ment on of Condi uation on cu	tion Irve.	2.8	ROUND		

			Unstre	am End
Culvert Component				Explanation of Condition
(Pipe # : 1, Span Type:)		1	111111	
Headwall		Х	Х	
Collar		Х	Х	х
Wingwalls		Х	Х	
(Shape:)				
Cutoff Wall		Х	Х	
Bevel End		8	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	400			
Scour Protection		8	8	
(Type:)				
(Avg. Rock Size(mm):)				
Scour/Erosion		8	8	
Beavers (Y/N)	No			
Upstream End General Rating		8	7	
		Brid	dae Cu	lvert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: U/S, Span			Rise (mm): 2000, Type: MP)
Barrel Last Accessible Date	16-Nov-2011			South pipe
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		8	8	U/S endMay 15, 2008 Floor covered with ice.
Measured Rise (mm)	2024			Floor covered with ice.
Measured At Ring No.				Est
Sag (mm)	24			
Percent Sag	0			
Sidewall		8	8	
Measured Span (mm)	1973			dt cl of u/s end.
Measured At Ring No.				
Deflection (mm)	27			deflection inward.
Percent Deflection	0			
Floor		N	N	Covered with ice.
Bulge (mm)				
Measured At Ring No.				
Abrasion (Y/N)	No			
0:		_		
Circumferential Seams		8	8	

		Brid	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Primary Span, Loca	tion Code: U/S, Span	(mm):	, F	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	5	
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	No			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		9	5	
Baffle		Х	Х	
(Type:)		1		
Waterway Adequacy	I	9	5	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No		_	
Barrel Extension General Ratir	ng	8	5	
		Brid	dge Cu	Ivert Barrel
Culvert Component			dge Cu Now	vert Barrel Explanation of Condition
Culvert Component (Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	Last	Now	
-	tion Code: MAIN, Spa	Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca Barrel Last Accessible Date		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca Barrel Last Accessible Date Special Features		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca Barrel Last Accessible Date Special Features Special Feature		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca Barrel Last Accessible Date Special Features Special Feature (Type :)		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm)		Last n (mm	Now	Explanation of Condition , Rise (mm): 1829, Type: SSP)
(Pipe # : 1, Primary Span, Loca Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof	16-Nov-2011	Last n (mm	Now	Explanation of Condition , Rise (mm): 1829, Type: SSP)
(Pipe # : 1, Primary Span, Loca Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm)	16-Nov-2011	Last n (mm	Now	Explanation of Condition , Rise (mm): 1829, Type: SSP)
(Pipe # : 1, Primary Span, Loca Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No.	16-Nov-2011	Last n (mm	Now	Explanation of Condition , Rise (mm): 1829, Type: SSP)
(Pipe # : 1, Primary Span, Loca Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm)	16-Nov-2011 1821 8	Last n (mm	Now	Explanation of Condition , Rise (mm): 1829, Type: SSP)
(Pipe # : 1, Primary Span, Loca 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)	16-Nov-2011 1821 8	Last n (mm	Now 1):	Explanation of Condition , Rise (mm): 1829, Type: SSP)
(Pipe # : 1, Primary Span, Loca 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	16-Nov-2011 1821 8	Last n (mm	Now 1):	Explanation of Condition , Rise (mm): 1829, Type: SSP)
(Pipe # : 1, Primary Span, Loca 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)	1821 8 1 1823	Last n (mm	Now 1):	Explanation of Condition , Rise (mm): 1829, Type: SSP)
(Pipe # : 1, Primary Span, Loca 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.	1821 8 1	8	Now 1):	Explanation of Condition , Rise (mm): 1829, Type: SSP) Est defelction inward.
(Pipe # : 1, Primary Span, Loca 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	1821 8 1 1823 6	Last n (mm	Now 1):	Explanation of Condition , Rise (mm): 1829, Type: SSP) Est
(Pipe # : 1, Primary Span, Loca 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)	1821 8 1 1823	8	Now 1):	Explanation of Condition , Rise (mm): 1829, Type: SSP) Est defelction inward.
(Pipe # : 1, Primary Span, Loca 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.	1821 8 1 1823 6 1	8	Now 1):	Explanation of Condition , Rise (mm): 1829, Type: SSP) Est defelction inward.
(Pipe # : 1, Primary Span, Loca 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)	1821 8 1 1823 6	8 8 N	Now Now	Explanation of Condition , Rise (mm): 1829, Type: SSP) Est defelction inward.
(Pipe # : 1, Primary Span, Loca 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.	1821 8 1 1823 6 1	8	Now 1):	Explanation of Condition , Rise (mm): 1829, Type: SSP) Est defelction inward.

Alberta Transportation

		Bri	dae Cu	Ivert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	ation Code: MAIN, Spa			, Rise (mm): 1829, Type: SSP)
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)				
Coating		X	X	Minor superficial corrosion lower 1/2.
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		9	8	
Baffle		Х	X	
(Type:)			_	
Waterway Adequacy		9	8	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		8	8	
		Brid	dae Cu	lvert Barrel
Culvert Company				
Curvert Component		Last	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Secondary Span, L	│ ocation Code: U/S, Sp		Now m):	Explanation of Condition , Rise (mm): 2000, Type: MP)
-	ocation Code: U/S, Sp			· -
(Pipe # : 2, Secondary Span, L Barrel Last Accessible Date				· -
(Pipe # : 2, Secondary Span, L				·
(Pipe # : 2, Secondary Span, L Barrel Last Accessible Date Special Features				·
(Pipe # : 2, Secondary Span, L Barrel Last Accessible Date Special Features Special Feature				·
(Pipe # : 2, Secondary Span, L Barrel Last Accessible Date Special Features Special Feature (Type :)				·
(Pipe # : 2, Secondary Span, L Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature				·
(Pipe # : 2, Secondary Span, L Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :)		an (mi	m):	, Rise (mm): 2000, Type: MP) D/S endMay 15, 2008
(Pipe # : 2, Secondary Span, L Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof	16-Nov-2011	an (mi	m):	, Rise (mm): 2000, Type: MP)
(Pipe # : 2, Secondary Span, L Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No.	16-Nov-2011	an (mi	m):	, Rise (mm): 2000, Type: MP) D/S endMay 15, 2008 est
(Pipe # : 2, Secondary Span, L Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm)	16-Nov-2011 2018	an (mi	m):	, Rise (mm): 2000, Type: MP) D/S endMay 15, 2008 est
(Pipe # : 2, Secondary Span, L Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No. Sag (mm)	16-Nov-2011 2018 18	an (mi	m):	, Rise (mm): 2000, Type: MP) D/S endMay 15, 2008 est
(Pipe # : 2, Secondary Span, 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	16-Nov-2011 2018 18	8 8	m):	D/S endMay 15, 2008 est Floor covered with ice.
(Pipe # : 2, Secondary Span, 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	16-Nov-2011 2018 18 0	8 8	m):	D/S endMay 15, 2008 est Floor covered with ice.
(Pipe # : 2, Secondary Span, 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)	16-Nov-2011 2018 18 0	8 8	m):	D/S endMay 15, 2008 est Floor covered with ice.
(Pipe # : 2, Secondary Span, 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.	16-Nov-2011 2018 18 0	8 8	m):	D/S endMay 15, 2008 est Floor covered with ice.
(Pipe # : 2, Secondary Span, 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)	16-Nov-2011 2018 18 0 1962	8 8	m):	D/S endMay 15, 2008 est Floor covered with ice. dt cl of d/s end-10-Feb-2010
(Pipe # : 2, Secondary Span, 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	16-Nov-2011 2018 18 0 1962	8 8	m):	D/S endMay 15, 2008 est Floor covered with ice. dt cl of d/s end-10-Feb-2010 deflection inward.
(Pipe # : 2, Secondary Span, 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	16-Nov-2011 2018 18 0 1962	8 8	m):	D/S endMay 15, 2008 est Floor covered with ice. dt cl of d/s end-10-Feb-2010 deflection inward.

86158 -1 Bridge Culvert

			T -	llvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Secondary Span, Lo	ocation Code: U/S, Sp			, Rise (mm): 2000, Type: MP)
Circumferential Seams		8	8	-
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		8	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		9	8	
Baffle		Х	Х	
(Type:)				
Waterway Adequacy		9	8	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel Extension General Ratio	ng	8	8	
		Brid	dge Cu	ilvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 2, Secondary Span, Lo	ocation Code: MAIN, S	Span (r	mm):	, Rise (mm): 1829, Type: SSP)
Barrel Last Accessible Date	16-Nov-2011			North pipe
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		8	8	Est
Measured Rise (mm)	1819			Floor covered with ice.
Measured At Ring No.				
Sag (mm)	10			
Percent Sag	1			
Sidewall		8	8	
Measured Span (mm)	1822			@ cl
Measured At Ring No.				Deflection inward
Deflection (mm)	7			Deflection inward
Percent Deflection				
Floor		N	N	
Bulge (mm)				Covered with ice.
Measured At Ring No.				
Abrasion (V/N)	No			

86158 -1 Bridge Culvert

			T -	llvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Secondary Span, Lo	ocation Code: MAIN, S	Span (r	nm):	, Rise (mm): 1829, Type: SSP)
Circumferential Seams	I	Х	X	_
Separation (mm)				
Longitudinal Seams	1	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	Minor superficial corrosion lower 1/2.
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		9	8	
Baffle		Х	Х	
(Type:)		, , ,		
Waterway Adequacy		9	8	
Icing (Y/N)	No			
Silting (Y/N)	No			-
Drift (Y/N)	No			_
Barrel General Rating		8	8	
				ream End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2 , Span Type:)				1_
Direction	I 			East
End Treatment (Concrete, Steel, Others, None)	STEEL		1	
Headwall		Х	X	
Collar		Х	X	
Wingwalls		X	X	
(Shape:)				
Cutoff Wall		Х	X	
Bevel End		8	8	
Heaving (mm)				
Invert Above/Below Stream Bed	BELOW			
Invert Above/Below Stream Bed Above/Below (mm)	BELOW 450			
		8	8	
Above/Below (mm)		8	8	
Above/Below (mm) Scour Protection		8	8	
Above/Below (mm) Scour Protection (Type : RIP RAP)		8	8	
Above/Below (mm) Scour Protection (Type: RIP RAP) (Avg. Rock Size(mm): 300)				

Structure Usage							
		Last	Now	Explanation of Condition			
Channel (U/S and D/S)							
Alignment		5	6	45 degree bend at U/S end.			
Bank Stability		7	8				
HWM (m below Top of Culvert)				HWM not visible.			
Drift (Y/N)	No						
Channel Bottom Degrading/Aggrading				Stable			
Beavers (Y/N) No							
(Fish Compensation Measure 1:	: NONE)						
(Fish Compensation Measure 2:	: NONE)						
Channel General Rating		5	6				

		Maintenance	Recommend	dations					
Inspector Recommendations	Year	Inspector Comments		Department Com	ments		Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS									
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 (%)	ow) 88.9/55	.6 Sufficiency Rating (La (%)	st/Now)	88.8/59.3	.3 Est. Repl. Yr 2057		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	Brian Pientsch		Previous	Assistant's Name	Lisbeth Medin	na			
Next Inspection Date	16-Aug-2013		Previous	Inspection Date	10-Feb-2010				
Inspection Cycle (Default) (months)	21								
Comment									