					Brida	e Culve	ert Inspe	ection					
Bridge File Nun							Form Type			CULM			
Year Built 1966						Lot No.			2				
Bridge or Town Name EDSON						Inspector Name			Todd Warshawski				
Located Over	JTARY TO MCLEOD RIVER,				Inspector Class		BR CLS B						
Located On	1 52 920					nt Name							
Water Body Cl./Year								nt Class		04 0-4 0040			
Navigabil. Cl./Y								ion Date		31-Oct-2012	4-		
Legal Land Location SW SEC 33 TWP 52 RGE 18 W5				5M		Data Entry By			Theresa Lacusta				
Longitude, Latit	:57, 53:31:51	57 53:31:51					Data Entry Date		14-Nov-2012				
			Transportation	(AIT)			Reviewer Name Review Date		Eric Carcoux 13-Nov-2012				
Contract Main. Area CMA13									Brent Herrick				
Clear Roadway	/Skew	9.3 / -22	deg. (LHF)					Review Da		20-Nov-2012			
AADT/Year		1,020 / 2	2011 (A)				Follow-		iie	20-1100-2012			
Road Classifica	ation	RAU-20	9-110				I Ollow-	ор Бу					
Detour Length	(km)	10											
Bridge Culvert	Inform	nation											
Number of Culv	erts		2								I		
Pipe #	Barrel		Span	Rise (or	Dia.)	Туре		Length		Corr. Profile	Pl./Slab Thickness	Shape	
1	MAIN		1429	1575		SPE		41.5		152X51	2.8	ELLIPSE	
2	MAIN		-	915		MP		41.5		68X13	2.8	ROUND	
Special Feature	es												
Special Feature	es Comi	ment											
								4)					
Little Attackers	4				Uti	ilities (L	ocated	at)					
Utility Attachme							0		14/4				
Telephone Power		r/w. es West r/w. 5 wires 50m West r/v					Gas	Gas West r/w. Municipal					
Others	3 WIIE	S WEST I	w. 5 wires 50ii	1 44651 1/4	v.			n (Y/N)	No				
Remarks	File ta	ag in plac	Α				T TODICI	11 (1/14)	110				
Romano	T IIO to	ig in plao	.	Aı	oproac	ch Road	d / Emba	ankment					
				<u>'</u>	Last	Now	Explanation of Condition						
Horizontal Align	nment				6	6	In sag	curve with	limite	d sight distance) <u>.</u>		
Vertical Alignme	ent				6	6							
Roadway Width	n (m)		9.100										
Embankment					6	6							
Sideslope (_:1)		3.0				1						
(Height of Co	ver(m) :	: 4)											
Guardrail (Y/N)			No										
Approach Roa	d / Eml	bankmer	nt General Rat	ing	6	6							
						Upstre	am End						
Culvert Compo	onent				Last	Now		ation of	Condi	tion			
(Pipe # : 1, Sp		e: Prima	ry Span)										
Direction			W		North barrel.								
End Treatment Others, None)	End Treatment (Concrete, Steel, STEEL Others None)												
Headwall					Х	Х							
Collar	Collar			Х	Х								
Wingwalls	Wingwalls				Х	X							
(Shape:)													

76454 -1 Bridge Culvert

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Span Type: Primary	/ Span)			
Cutoff Wall		Х	Х	
Bevel End		7	6	
Heaving (mm)	300			
Invert Above/Below Stream Bed	ABOVE			
Above/Below (mm)	500			
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	6	
		Brid	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Primary Span, Locat	tion Code: MAIN, Spa	n (mm	ı): 1429	, Rise (mm): 1575, Type: SPE)
Barrel Last Accessible Date	31-Oct-2012			
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		7	7	
Measured Rise (mm)	1550			
Measured At Ring No.	7			
Sag (mm)	25			
Percent Sag	2			
Sidewall		7	7	
Measured Span (mm)	1470			
Measured At Ring No.	7			
Deflection (mm)	41			
Percent Deflection	3			
Floor		5	5	
Bulge (mm)	0			
Measured At Ring No.				
Abrasion (Y/N)	No			
Circumferential Seams		7	7	
Separation (mm) 0				
Longitudinal Seams		7	7	
Total No. of Cracked Rings				
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		4	4	Pitting and scaling 400mm wide strip along floor.
Corrosion By Soil (Y/N)	No			
Corrosion By Water (V/N)	Ves			

		Brid	dge Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN, Spa	n (mm): 1429	, Rise (mm): 1575, Type: SPE)
Camber POS/ZERO/NEG	NEG			
Ponding (Y/N)	No			
Fish Passage Adequacy		4	4	Overflow pipe only.
Baffle		Х	Х	
(Type:)				
Waterway Adequacy		5	5	(Iced over to within 900mm from roof. 95/01/31)
Icing (Y/N)	No			(400mm deep silt on D/S section. 16/Apr/2007)
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		7	7	
		D	ownstr	eam End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Span Type: Primary	/ Span)			
Direction	ı	E		North pipe.
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	X	
Headwall Collar		Х	X	
Wingwalls		X	X	
(Shape:)				
Cutoff Wall		Х	X	
Bevel End		6	6	
Heaving (mm)	100			
	ABOVE			
Above/Below (mm)	300			
Scour Protection		6	6	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)		1	1	
Scour/Erosion		6	6	
Beavers (Y/N)	No			
Downstream End General Ratio	ng	6	6	
				am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Span Type: Second	ary Span)	1		T
Direction	I	W		South barrel.
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	X	
Collar		Х	X	
Wingwalls		X	X	
(Shape:)				
Cutoff Wall		X	X	

76454 -1 Bridge Culvert

Culvert Component				Upstre	eam End
Bevel End	Culvert Component		Last	Now	Explanation of Condition
Heaving (mm)	(Pipe # : 2, Span Type: Second	lary Span)			
Invert Above/Below (mm) 300 30	Bevel End		5	5	
Above/Below (mm) 300 Socur Frotection 5 4 Loss of fill/cover up to 1st seam. (Type : RP RAP) (Avg. Rock Size(mm) : 300) Sour/Erosion 5 4 Scour 3m + along pipe. Beavers (V/N) No Upstream End General Rating 5 4 Bridge Culvert Barre Culvert Component Last Now Explanation of Condition (Pipe # 2, Sacondary Span, Location Code: MAIN, Span (mm): Rise (mm): 915, Type: MP) Barrel Last Accessible Date 28-Sep-2005 Special Features Special Feature (Type :) Rod Measured Air Ring No. Sag (mm) Percent Sag Sidewall Neasured Air Ring No. Deflection (mm) Percant Deflection Floor N N N Measured Air Ring No. Deflection (mm) Percant Deflection Floor N N N Measured Air Ring No. Deflection (mm) Percant Deflection Floor N N N Measured Air Ring No. Deflection (mm) Percant Deflection Floor N N N Measured Air Ring No. Deflection (mm) Percant Deflection Floor N N N Measured Air Ring No. Deflection (mm) Percant Deflection Floor N N N Measured Air Ring No. Deflection (mm) Percant Deflection Floor N N N Measured Air Ring No. Deflection (mm) Percant Deflection Floor N N N Measured Air Ring No. Deflection (mm) Percant Deflection Floor N N N Measured Air Ring No. Deflection (mm) Percant Deflection Floor N N N Measured Air Ring No. Deflection (mm) Percant Deflection Floor N N N Measured Air Ring No. Deflection (mm) Percant Deflection Floor N N N Measured Air Ring No. Deflection (mm) Percant Deflection Floor N N N Measured Air Ring No. Deflection (mm) Percant Deflection Floor N N N Measured Air Ring No. Deflection (mm) Measured Air Ring No. Deflection (mm) Measured Air Ring No. Deflection (mm) Percant Deflection N N N Measured Air Ring No. Deflection (mm) Measured Air Ring No. Deflection (mm) Measured Air Ring No. Deflection (mm) Percant Deflection N N N Measured Air Ring No. Deflection (mm) Measured Air Ring No	Heaving (mm)	0			
Scour Protection 5	Invert Above/Below Stream Bed	BELOW			
Crype : RIP RAP (Avg. Rock Size(mm) : 300)	Above/Below (mm)	300		_	
Avg. Rock Size(mm) : 300	Scour Protection		5	4	Loss of fill/cover up to 1st seam.
Scour/Erosion 5	(Type : RIP RAP)				
Beavers (Y/N) Upstream End General Rating 5 4 Bridge Culvert Barrel Last Now Explanation of Condition (Pipe 8 * 2, Secondary Span, Location Code: MAIN, Span (mm): Rise (mm): 915, Type: MP) Barrel Last Accessible Date 28-Sep-2005 Special Features Special Feature (Type :) Special Feature (Type :) Roof N N Dent in roof in first section from rock placement. Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidswall N N N Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor N N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams 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) Longitudinal Stagger (Y/N) Coarosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Walter (Y/N) Ves	(Avg. Rock Size(mm) : 300)			_	
Upstream End General Rating Bridge Culvert Component (Pipe #: 2, Secondary Span, Location Code: MAIN, Span (mm): Rise (mm): 915, Type: MP) Barrel Last Accessible Date 28-Sep-2005 Special Features Special Feature (Type:) Special Feature (Type:) Special Feature (Type:) Roof NNND Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall NNND Measured At Ring No. Deflection (mm) Percent Deflection Floor NNND Measured At Ring No. Abrasion (Y/N) Circumferential Seams XXX Total No. of Cracked Rings Total No. of Cracked Rings Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (rmm) Longitudinal Stagger (Y/N) Longitudinal Stagger (Y/N) Longitudinal Stagger (Y/N) Longitudinal Stagger (Y/N) Corrosion By Water (Y/N) Corrosion By Water (Y/N) Corrosion By Water (Y/N) Corrosion By Water (Y/N) Ves	Scour/Erosion		5	4	Scour 3m + along pipe.
Culvert Component (Pipe # 2; 2, Secondary Span, Location Code: MAIN, Span (mm): Rise (mm): 915, Type: MP) Special Features Special Feature (Type :) Special Feature (Type :) Roof N N N Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Deflection Floor Budge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) Longitudinal Seams X X Total No. of Cracked Rings Total No. of Cracked Rings Total No. of Rings with Two Cracked Searns Min. Remaining Steel Between Cracks (mm) Longitudinal Stagger (Y/N) Longitudinal Stagger (Y/N) Corrosion By Water (Y/N) Corrosion By Water (Y/N) Ves Esparation of Condition Rise (mm):	Beavers (Y/N)	No			
Culvert Component (Pipe # : 2, Secondary Span, Location Code: MAIN, Span (mm): Ryse (mm): 915, Type: MP) Barrel Last Accessible Date 28-Sep-2005 915mm MP not accessible. Special Feature (Type :) Special Feature (Type :) Special Feature (Type :) Image: Component of Condition (mp) Image: Component of Condition (mp) Roof N N N Dent in roof in first section from rock placement. Measured Rise (mm) Measured Rise (mm) Image: Component of Component (mp) Image: Component (mp) Percent Sag N N N N Sidewall N N N N Measured Span (mm) Measured At Ring No. Deflection (mm) Deflection (mm) Percent Deflection N N N Floor N N N Bulge (mm) Measured At Ring No. Abrasion (YN) Circumferential Seams N 3 Possible coupler failure at 1st seam. Separation (mm) Image: Component of the properties o	Upstream End General Rating		5	4	
Culvert Component (Pipe # : 2, Secondary Span, Location Code: MAIN, Span (mm): Ryse (mm): 915, Type: MP) Barrel Last Accessible Date 28-Sep-2005 915mm MP not accessible. Special Feature (Type :) Special Feature (Type :) Special Feature (Type :) Image: Component of Condition (mp) Image: Component of Condition (mp) Roof N N N Dent in roof in first section from rock placement. Measured Rise (mm) Measured Rise (mm) Image: Component of Component (mp) Image: Component (mp) Percent Sag N N N N Sidewall N N N N Measured Span (mm) Measured At Ring No. Deflection (mm) Deflection (mm) Percent Deflection N N N Floor N N N Bulge (mm) Measured At Ring No. Abrasion (YN) Circumferential Seams N 3 Possible coupler failure at 1st seam. Separation (mm) Image: Component of the properties o			Brid	dge Cu	lvert Barrel
Barrel Last Accessible Date 28-Sep-2005 915mm MP not accessible. Special Feature (Type :) Special Feature (Type :) Special Feature (Type :) Roof N N N Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall N N N Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor N N N Bulge (mm) Measured At Ring No. Circumferential Seams Separation (mm) Longitudinal Seams Total No. of Cracked Rings Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (mm) Longitudinal Stagger (Y/N) Longitudinal Stagger (Y/N) Longitudinal Stagger (Y/N) Corrosion By Soil (Y/N) Ves	Culvert Component				
Special Feature (Type :) Special Feature (Type :) Special Feature (Type :) Special Feature (Type :) Roof N N N Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall N N N Measured At Ring No. Deflection (mm) Percent Deflection Floor Sulug (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams 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) Coating N N N Coating N N N Corrosion By Soil (Y/N) Coatrosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes	(Pipe # : 2, Secondary Span, Lo	ocation Code: MAIN, S	Span (r	nm):	, Rise (mm): 915, Type: MP)
Special Feature (Type :) Special Feature (Type :) Roof Roof N N Dent in roof in first section from rock placement. Measured At Ring No. Sag (mm) Percent Sag Sidewall N N N Measured At Ring No. Deffection (mm) Percent Deffection Floor Road Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) Longitudinal Seams Total No. of Cracked Rings Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Longitudinal Stagger (Y/N) Coating N N N Corrosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Ves	Barrel Last Accessible Date	28-Sep-2005			915mm MP not accessible.
Special Feature (Type :) Special Feature (Type :) Roof Roof N N Dent in roof in first section from rock placement. Measured At Ring No. Sag (mm) Percent Sag Sidewall N N N Measured At Ring No. Deffection (mm) Percent Deffection Floor Road Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) Longitudinal Seams Total No. of Cracked Rings Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Longitudinal Stagger (Y/N) Coating N N N Corrosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Ves	Special Features				
Crype : Special Feature Crype : Special Feature Crype : Special Feature Crype : Special Feature Specia					
Special Feature (Type :) Roof					
Type:)					
Roof N N N Dent in roof in first section from rock placement. Measured At Ring No. Sag (mm) Percent Sag Sidewall N N N N Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor N N N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams N 3 Possible coupler failure at 1st seam. Separation (mm) 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) Cortosion By Soil (Y/N) Cortosion By Soil (Y/N) Cortosion By Soil (Y/N) Cortosion By Water (Y/N) Yes					
Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall N N N Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) Longitudinal Seams 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) Cortosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Water (Y/N) V N N N N N N N N N N N N N N N N N N N			N	N	Dent in roof in first section from rock placement.
Measured At Ring No. Sag (mm) Percent Sag Sidewall N N N Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor N N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) 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) Longitudinal Stagger (Y/N) Longitudinal Stagger (Y/N) Coating N N N Corrosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes					1
Sag (mm) Percent Sag Sidewall N N N Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor N N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) Longitudinal Seams 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 Corrosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes					
Percent Sag Sidewall					
Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor N N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) Longitudinal Seams 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 N N N Corrosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes					
Measured At Ring No. Deflection (mm) Percent Deflection Floor N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) Longitudinal Seams 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 N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes	Sidewall		N	N	
Measured At Ring No. Deflection (mm) Percent Deflection Floor N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) Longitudinal Seams 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 N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes	Measured Span (mm)				
Deflection (mm) Percent Deflection Floor N N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) Longitudinal Seams 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 N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes					
Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) Longitudinal Seams 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 N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes					
Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) Longitudinal Seams 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 N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes					
Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) Longitudinal Seams 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 N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes	Floor		N	N	
Measured At Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) Longitudinal Seams 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 N N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes					
Abrasion (Y/N) Circumferential Seams Separation (mm) Longitudinal Seams 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 Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes					
Separation (mm) Longitudinal Seams X					
Separation (mm) Longitudinal Seams X	Circumferential Seams		N	3	Possible coupler failure at 1st seam.
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 N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes	Separation (mm)				
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 N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes	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 N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes				_	
Between Cracks (mm) Proper Lap (Y/N) Longitudinal Stagger (Y/N) Coating N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes	Total No. of Rings with Two				
Proper Lap (Y/N) Longitudinal Stagger (Y/N) Coating N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes	Min. Remaining Steel				
Longitudinal Stagger (Y/N) Coating N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes	` '				1
Coating N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes					1
Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Yes			N	N	
Corrosion By Water (Y/N) Yes					
		Yes			
					View from U/S end.

		Brid	dge Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, S	Span (r	nm):	, Rise (mm): 915, Type: MP)
Ponding (Y/N)	No			
Fish Passage Adequacy		6	6	
Baffle		Х	Х	
(Type:)				
Waterway Adequacy		5	5	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		N	N	
		D	ownstr	ream End
Culvert Component			Now	Explanation of Condition
(Pipe # : 2, Span Type: Second	lary Span)		111111	, — · · · · · · · · · · · · · · · · · ·
Direction		Е		South barrel.
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	Х	
Collar		Х	Х	
Wingwalls		Х	Х	
(Shape:)				
Cutoff Wall		Х	X	
Bevel End		6	5	
Heaving (mm)	100			
Invert Above/Below Stream Bed	ABOVE			
Above/Below (mm)	200			
Scour Protection		6	6	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)		1		
Scour/Erosion		6	6	
Beavers (Y/N)	No			
Downstream End General Ratio	ng	6	5	
		S	Structu	re Usage
		Last		Explanation of Condition
Channel (U/S and D/S)			111111	
Alignment		6	6	
Bank Stability		6	6	
HWM (m below Top of Culvert)				HWM not visible.
Drift (Y/N)	Yes			
Channel Bottom Degrading/Aggrading	DEGRADING			Deg d/s.
Beavers (Y/N)	No			
(Fish Compensation Measure 1 :	NONE)			
(Fish Compensation Measure 2 :	NONE)			
Channel General Rating		6	6	

		Maintenand	e Recommendations					
Inspector Recommendations	Year	Department Com	ments	Та	rget Year	Est. Cost	Cat #	
SHOTCRETE REPAIRS								
PLACE ADDITIONAL RIP RAP	2013	Backfill and armor 900 inlet.						
REMOVE DRIFT ACCUMULATION								
INSTALL CONCRETE/STEEL LINING	3							
INSTALL STRUTS								
INSTALL CONCRETE COLLAR/CUT	OFF							
REPAIR SEAMS								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
Structural Condition Rating (Last/N (%)	low) 77.8/77	7.8 Sufficiency Rating (L	.ast/Now) 59.5/57.2	Est. Repl. Yr	2030	Maint. Re	qd. (Y/N)	Yes
Special Re-inspect in sprin Next Inspection	g 2013 to cinfirm	n connection failure on 1st seam o	f 900 pipe. Department Comments					
Maintenance Reviewed By			Date		Estin	nated Total	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	31-Jul-2014		Previous Inspection Date	09-Nov-2010				
1	21							
Inspection Cycle (Default) (months)								