	Bridge Culvert Inspection											
Bridge File Number 73183 -1 Bridge Culvert			rt	Fc		Form Ty	/pe	CULM	CULM			
Year Built 1910							Lot No.		4	4		
Bridge or Town Name							Inspecto	or Name	Todd Warshawski			
Located Over WILLOW			_OW CREEK, 6.110.1, WATERCRS-ST				Inspecto	or Class	BR CLS B	BR CLS B		
Located On 39:10 C1			C1 6.193				Assistar	nt Name				
Water Body Cl.	/Year						Assistar	nt Class				
Navigabil. CI./Y	'ear						Inspecti	on Date	07-Jan-2013			
Legal Land Location NE SEC 29			C 29 TWP 49 R	29 TWP 49 RGE 27 W4M				itry By	Theresa Lacusta			
Longitude, Latitude -113:54:33, 53:15			1:33, 53:15:54				Data En	try Date	23-Jan-2013			
Road Authority Alberta T		Transportation	(AIT)			Reviewe	Reviewer Name Eric Carcoux					
Contract Main. Area CMA11						Review	Review Date 16-Jan-2013					
Clear Roadway/Skew 13.5 /							Dept. R	eviewer Nam	Brent Herrick			
AADT/Year 4,570 / 2		2011 (A)				Dept. R	eview Date	w Date 23-Jan-2013				
Road Classifica	ation	RAU-2	13.4-120				Follow-U	Јр Ву				
Detour Length	(km)	3										
Bridge Culvert	Inform	ation										
Number of Culv	/erts		2									
Pipe #	Barrel		Span	Rise (or	Dia.)	Туре		Length	Corr. Profile	PI./Slab Thickness	Shape	
1	MAIN		-	1200		MP		24.8	68X13	2.8	ROUND	
2	MAIN		-	900		MP		24.8	68X13	2.8	ROUND	
Special Feature	es											
Special Features Comment BE tag on S end.												
•			, C									
					Uti	lities (L	ocated a	at)				
Utility Attachments												
Telephone	South & North r/w.						Gas					
Power	2 lines	S North I	r/w.			Municip						
Others Fibre optic North r/w.							Problem	n (Y/N) No				
Remarks				۸.		h Dear	d / Embo	n kon o n t				
				A	l ast	Now	Explana	nkinent ation of Con	lition			
Horizontal Align	nment				7	7	Entranc	e to residenc	e to SE			
Vertical Alignm	ent				, a	q						
Roadway Width) (m)		13 500		0	U	10mm c	rack in ACP	over both pipes			
	. ()											
Embankment					8	8						
Sideslope (_:1)		3.0									
(Height of Co	ver(m) :	1)										
Guardrail (Y/N)			No									
Approach Roa	d / Emb	bankme	nt General Rat	ing	7	7						
						Unstro	am End					
Culvert Compo	onent				Last	Now	Explana	ation of Con	lition			
(Pipe # 1, Sp	an Type	e: Prima	ary Span)		Luot	non	Explaine					
End Treatment (Concrete, Steel, STEEL Others, None)												
Headwall			Х	Х								
Collar			х	X								
Wingwalls					Х	Х						
(Shape:)	(Shape :)											

			Upstre	am End				
Culvert Component		Last	Now	Explanation of Condition				
(Pipe # : 1, Span Type: Primary	/ Span)							
Cutoff Wall			X					
Bevel End			N	Buried in snow				
Heaving (mm)	100							
Invert Above/Below Stream Bed	BELOW							
Above/Below (mm)	100							
Scour Protection		N	N	Snow covered				
(Type : RIP RAP)								
(Avg. Rock Size(mm) : 200)								
Scour/Erosion			N					
Beavers (Y/N)	No							
Upstream End General Rating		7 7		GR carried fwd.				
		Bri	dge Cu	lvert Barrel				
Culvert Component		Last	Now	Explanation of Condition				
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm	ı):	, Rise (mm): 1200, Type: MP)				
Barrel Last Accessible Date	07-Jan-2012			East pipe.				
Special Features								
Special Feature								
(Type :)		1						
Special Feature								
(Type:)								
Roof		N	5					
Measured Rise (mm)	1110			At c/l.				
Measured At Ring No.				Pipe not measured due to ice				
Sag (mm)	90							
Percent Sag	8							
Sidewall		N	5					
Measured Span (mm)	1282			CL				
Measured At Ring No.				-				
Deflection (mm) 82				-				
Percent Deflection	7							
Floor		N	Ν	Ice covered				
Bulge (mm)	0			-				
Measured At Ring No.				-				
Abrasion (Y/N)	No							
Circumferential Seams	1	N	4	Minor infiltration at u/s & d/s seams.				
Separation (mm)	150		_					
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			4	Pitting rust lower 1/4.				
Corrosion By Soil (Y/N)	No							
Corrosion By Water (Y/N)	Yes							

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

73183 -1 Bridge Culvert

		Bric	dge Cu	lvert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Location Code: MAIN, Span):	, Rise (mm): 1200, Type: MP)
Camber POS/ZERO/NEG NEG				
Ponding (Y/N) No				
Fish Passage Adequacy			6	
Baffle			X	
(Type :)				
Waterway Adequacy	1	7	7	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		4	5	
Culvert Component		D	ownstr	eam End
(Pine # · 1 Span Type: Primary	(Span)	Last	NOW	
Direction	(Span)	N		Fast size
End Treatment (Concrete, Steel,	STEEL			East pipe.
Headwall		Х	X	
Collar			X	
Wingwalls		X	X	
(Shape :)		Λ	~	
Cutoff Wall		X	X	
Bevel End		N	N	Snow filled.
Heaving (mm)	150			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	100			
Scour Protection		N	N	Snow covered
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 200)				
Scour/Erosion		N	N	
Beavers (Y/N)	No			
Downstream End General Ratin	ng	7	7	GR carried fwd.
			Upstre	am End
Culvert Component			Now	Explanation of Condition
(Pipe # : 2, Span Type: Second	lary Span)	1		
Direction				West pipe.
End Treatment (Concrete, Steel, Others, None)	STEEL		1	
Headwall		X	X	
Collar		X	X	
Wingwalls			X	
(Shape :)				
Cutoff Wall			X	

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Cutvert Component (pipe 1: 2, gan Type: Segon/ Bevel End4NFelphanizor of Condition (pipe 1: 2, Sam Type: Segon/ Secure Frederice Name and A BOVE6 nd damaged by mover. West side pushed inward - Apr.2011. Snow coveredBevel End100Sow coveredMexing (mm)200Sow coveredSecure FredericeNNSow coveredSecure FredericeNNSow coveredSecure FredericeNNSow coveredCitype r. IP RAP!NNSow coveredUpstream End General RatingNNSow coveredUpstream End General RatingNNSow coveredUpstream End General RatingLastNowSow coveredUpstream End General RatingNNSow coveredUpstream End General RatingNNNSpecial FeaturesNNowNSpecial FeaturesNNNSpecial FeaturesNNSpecial FeaturesNNSpecial FeaturesNNSpecial FeaturesNNSpecial FeaturesNNSpecial FeaturesNNSidewald Alting No.CNSidewald Alting No.CNSidewald Alting No.CNSidewald Alting No.CNSidewald Alting No.CNSecure Alting No.CNSecure Alting No.CNSidewald Alting No.C <td< th=""><th></th><th></th><th></th><th>Upstre</th><th>am End</th></td<>				Upstre	am End
(Pipe # 12, Span Type: Secondary Span)(Pipe # 2, Span Type: Secondary Span)4NHeaving (mm)1005Inver AboveBelow Stream BedABOVEShow Broken Medow Stream BedABOVESour ProtectionNNSour ProtectionNNSour ProtectionNNSour ProtectionNNSour ProtectionNNSour ProtectionNNSour ProtectionVNSour ProtectionVNSour ProtectionVNDetermine Trade Type: HP RepSour ProtectionCalver ComponentLastNewExplanation of ConditionNSpecial FeatureNNSpecial FeatureNNSpecial FeatureNNSpecial FeatureNNMeasured At Ring No.VNSag (rm)VNParcent SagVNSidewallNNMeasured At Ring No.VNDetection (rmm)VVMeasured At Ring No.VNSag (rm/)VNMeasured At Ring No.VNSubge (rm/)VNMeasured At Ring No.VNSagering (rM)VVMeasured At Ring No.VNSubge (rm/)VNMeasured At Ring No.VNSubge (rm/)VV	Culvert Component		Last	Now	Explanation of Condition
Bevel End ✓ N End damaged by mower. West side pushed inward - Apr. 2011. Heaving (mm) 100 Snow covered Moreal Abourgeblew Stream Bed ABOVE Snow covered Abourgeblew (mm) 200 For any covered Cripter RP RAP; N N N Gourge Trotection N N N Beavers (V/N) No Snow covered Querter Component Exact Science	(Pipe # : 2, Span Type: Second	lary Span)			
Heaving (mm) 100 Immer. AboveBelow Stream Bod ABOVE Snow covered Sour Protection N N N Snow covered Sour Protection N N N Snow covered Group Protection N N N Snow covered Group Protection V N N Snow covered Group Protection N N N Snow covered Upsteam End General Ration N N Snow covered Snow covered Culver Component L V Vestion Control Not control Not control Special Feature Special Feature Vestion Control Not control Not control Group Feature Vestion Control Vestion Control Not control Not control Special Feature Feature </td <td>Bevel End</td> <td></td> <td>4</td> <td>N</td> <td>End damaged by mower. West side pushed inward - Apr,2011.</td>	Bevel End		4	N	End damaged by mower. West side pushed inward - Apr,2011.
Invert Above/Balow Stream Bad ABOVE Above/Balow Stream Bad ABOVE Above/Balow Stream Bad ABOVE AN IN Second Protection (Type : IP RAP) (Avg. Rock Size(mm) : 200	Heaving (mm)	100			Snow covered
Above Below (mm) 200 V V Sour Protection N N N Sour Covered (Avg. Rock Size(mn) : 200) V N N Sour Covered Sour Erosion N N N Sour Covered Sour Erosion No N N Sour Covered Upstream End General Rating N N Sour Covered Granied fwd. Calvert Component Last Now Explanation of Condition (Pipt 4 : 2, Secondary Span, Location Code: MAIN, Span Kest (mm): 200, Type: MP) Barrel Last Accessible Date Sour Covered Kest (mm): 200, Type: MP) Special Features Special Feature N N (Type :) Sour Covered At Ring No. Sour Covered At Ring No. Sour Covered At Ring No. Sag (mm) Granied King No. Sour Covered At Ring No. Sour Covered At Ring No. Sour Covered At Ring No. Builge (mm) Granied King No. Sour Covered At Ring No. Sour Covered At Ring No. Builge (mm) Granied King No. Sour Covered At Ring No. Sour Covered At Ring No. Constaned At Ring No. Sour Covered Sou	Invert Above/Below Stream Bed	ABOVE			
Scour Protection N N N Show covered (Type : NP RAP) (Vag. Rock Steptim) : 200) N N N Scour/Erosion N N N N Beavers (Y/N) No V 4 4 GR carried fwd. Upstream End General Rating A 4 GR carried fwd. Forder Component Explanation of Condition Cluvert Component Last Now Now Rise (rm): 800, Type: MP) Rise (rm): 800, Type: MP) Barrel Last Accessible Date Vest pipe. Rise (rm): 800, Type: MP) Rise (rm): 800, Type: MP) Special Feature Image: Component Image: Component Rise (rm): 800, Type: MP) Special Feature Image: Component Image: Component Rise (rm): 800, Type: MP) Special Feature Image: Component Image: Component Rise (rm): 800, Type: MP) Measured At Ring No. Image: Component Image: Component Image: Component Sag (rm) Image: Component Image: Component Image: Component Image: Component Rise water At Ring No. Image: Component Image: Component Image: Component	Above/Below (mm)	200			
(Type : RIP RAP) (Avg. Rock Size(nm) : 200) Scour/Erosion N N N Beavers (V/N) No 4 4 GR carried fwd. Bridge Cut Vert Barrel Cutoret Code: MAIN, Span (Location of Condition (Pipe 1 2, Secondary Span, Location Code: MAIN, Span (Location of Condition Barrel Last Accessible Date Special Features Special Features Special Feature (Type :) Special Feature (Type :) Rode Main (Min) Massured At Ring No. Sagging observed at first seam. U/S rise = 900Jun, 2009 Measured At Ring No. Sagging observed at first seam. U/S rise = 900Jun, 2009 Measured At Ring No. Sagging observed at first seam. U/S rise = 900Jun, 2009 Measured At Ring No. Sagging observed at first seam. U/S rise = 900Jun, 2009 Measured At Ring No. Sagging observed at first seam. U/S rise = 900Jun, 2009 Bulge (mn) Sagging observed at first seam. U/S rise = 900Jun, 2009 Bulge (mn) Sag	Scour Protection		N		Snow covered
Avg. Rock Size(mm) : 200) N N N Revers (V/N) No No Secure Fraction No Secure Fraction Secure Frac	(Type : RIP RAP)				
Scourie rosion N N N Beavers (Y/N) No	(Ava. Rock Size(mm) : 200)				
Beavers (Y/N) No Image: Constraint of Condition Upstream End General Rating 4 4 GR carried fwd. Culvert Component Last Now Explanation of Condition (Pipe # 1.2, Secondary Span, Location Code: MAIN, Span (Image: Span and Cod: Span (Image: Span and Code: MAIN, Span (Image: Span and Cod	Scour/Erosion		N	N	
Upstream End General Rating 4 4 6 GR carried fwd. Culvert Component Last Now Explanation of Condition (Pipe 4: 2, 3econdary Span, Location Code: MAIN, Span (more transmission of Condition) Barrel Last Accessible Date Vert Barrel Special Features Not accessible. Special Feature Image: Component Special Feature Image: Component Not accessible. Special Feature Image: Component Image: Component Not accessible. Not accessible. Special Feature Image: Component Image: Component Not accessible. Special Feature (Type :) Image: Component Image: Component Not accessible. Special Feature (Type :) Image: Component Image: Component Special Feature Image: Component (Type :) Image: Component Image: Component Special Feature Special Feature (Type :) Image: Component Image: Component Special Feature Special Feature (Type :) Image: Component Image: Component Not accessible. Special Feature Special Feature Image: Component N N N N	Beavers (Y/N)	No			
Bidge Culvert Barrel Culvert Component Last Now Explanation of Condition Explanation of Condition Explanation of Condition Provide Condition Barrel Last Accessible Date Vert Explanation of Condition Not accessible. Special Features Special Feature Vert Explanation Special Feature N N Citype :) Special Feature Special Feature Citype :) N N Sagging observed at first seam. U/S rise = 900Jun, 2009 Measured At Ring No. Sagging observed at first seam. U/S rise = 900Jun, 2009 Sagging observed at first seam. U/S rise = 900Jun, 2009 Vert Explanation (rm) N N N Measured At Ring No. Second Deflection Second Deflection Percent Deflection N N Percent Deflection N N Deflection (rm) Second Deflection Second Deflection Floor N N N Measured At Ring No. Second Deflection Second Deflection Total No. of Cracked Rings	Upstream End General Rating	1	4	4	GR carried fwd.
Culvert Component Last Nove Explanation of Condition (Pipe i 2, Secondary Span, Locator Code: MAIN, Span (mu): , Rise (mm): 900, Type: MP) Barrel Last Accessible Date Not accessible. Special Feature Image: Special Feature Not accessible. Special Feature Image: Special Feature Image: Special Feature (Type :) Image: Special Feature Image: Special Feature (Type :) Image: Special Feature Image: Special Feature (Type :) Image: Special Feature Image: Special Feature (Type :) Image: Special Feature Image: Special Feature (Type :) Image: Special Feature Image: Special Feature (Type :) Image: Special Feature Special Feature Reading Minit Image: Special Feature Special Feature Percent Defiction (mm) Im			Brie	dge Cu	Ivert Barrel
(Pipe # : 2, Secondary Span, Location Code: MAIN, Span (mm): Aise (mm): 900, Type: MP) Barrel Last Accessible Date Vest pipe. Not accessible. Special Features (rype :) N Not accessible. Special Feature (rype :) N Not accessible. Special Feature (rype :) N Not accessible. Special Feature (rype :) N Not accessible. Measured Rise (mm) N Not accessible. Measured At Ring No. N N Percent Sag N N Sidewall N N Measured At Ring No. Sector (mm) Sector (mm) Deflection (mm) Sector (mm) Sector (mm) Percent Deflection (mm) Sector (mm) Sector (mm) Bulge (mm) N N Measured At Ring No. Sector (mm) Sector (mm) Separation (rMn) Sector (mm) Sector (mm) Measured At Ring No. N N Separation (mm) Sector (mm) Sector (mm) Measured At Ring No. Sector (mm) N Separation (rMn) Sector (mm) Sector (mm)	Culvert Component		Last	Now	Explanation of Condition
Barrel Last Accessible Date West pipe. Not accessible. Special Feature (Type :) Image: Constraint of the second of t	(Pipe # : 2, Secondary Span, Lo	ocation Code: MAIN, S	ipan (r	mm):	, Rise (mm): 900, Type: MP)
Special Feature Image: Constraint of the section of the sectin of the section of the section of the section of the section of	Barrel Last Accessible Date				West pipe. Not accessible.
Special Feature Image: Constraint of the search of the searc	Special Features				
(Type :)Special FeatureI(Type :)IRoofNNMeasured Rise (mm)IMeasured At Ring No.ISag (mm)IPercent SagISidewallNMeasured At Ring No.IDeflection (mm)IDeflection (mm)IPercent DeflectionINNMeasured At Ring No.IDeflection (mm)IDeflection (mm)IPercent DeflectionINNMeasured At Ring No.ISage (mm)IBulge (mm)IMeasured At Ring No.ISage (mm)IIngitudinal SeamsNNNSeparation (mm)IIngitudinal SeamsXTotal No. of Cracked RingsIProper Lap (Y/N)ILongitudinal Stagger (Y/N)ICorrosion By Soil (Y/N)NoCorrosion By Soil (Y/N)No <td>Special Feature</td> <td></td> <td></td> <td></td> <td></td>	Special Feature				
Special Feature Image: Constraint of the section	(Type:)				
(Type :)RoofNNSagging observed at first seam. U/S rise = 900Jun, 2009Measured At Ring No.Image: Colspan="2">Constant of the seam	Special Feature				
Roof N N N N Sagging observed at first seam. U/S rise = 900Jun, 2009 Measured At Ring No.	(Type:)				
Measured Rise (mm) Image: State (mm) Measured At Ring No. Image: State (mm) Percent Sag Image: State (mm) Sidewall N N Measured At Ring No. Image: State (mm) Deflection (mm) Image: State (mm) Percent Deflection Image: State (mm) Percent Deflection Image: State (mm) Bulge (mm) Image: State (mm) Measured At Ring No. Image: State (mm) Bulge (mm) Image: State (mm) Measured At Ring No. Image: State (mm) Bulge (mm) Image: State (mm) Measured At Ring No. Image: State (mm) Separation (Y/N) Image: State (mm) Circumferential Seams N Total No. of Cracked Rings Image: State (mm) Total No. of Cracked Rings Image: State (mm) Proper Lap (Y/N) Image: State (mm) Longitudinal Stagger (Y/N) Image: State (mm) Corrosion By Soil (Y/N) N N N Corrosion By Soil (Y/N) Image: State (mm) Corrosion By Water (Y/N) Image: State (mm)	Roof		N	N	Sagging observed at first seam, U/S rise = 900, -Jun, 2009
Measured At Ring No. Image: Constraint of the second	Measured Rise (mm)				
Sag (mm) Image: Sag (mm) <thimage: (mm)<="" sag="" th=""> Image: Sag (mm) Image: Sag (mm)<td>Measured At Ring No.</td><td></td><td></td><td></td><td></td></thimage:>	Measured At Ring No.				
Percent Sag N N Sidewall N N N Measured Span (mm)	Sag (mm)				
Sidewall N N Measured Span (mm) Image: Constraint of the system of the s	Percent Sag				
Measured Span (mm) Image: Constraint of the second sec	Sidewall		N	N	
Measured At Ring No. Image: Control of the second seco	Measured Span (mm)				
Deflection (mm)Image: Second Sec	Measured At Ring No.				
Percent Deflection Image: Construct of the second seco	Deflection (mm)				
Floor N N N Silt and water coveredJun 2009 Bulge (mm)	Percent Deflection				
Bulge (mm) Image: Normal State	Floor		N	N	Silt and water coveredJun 2009
Measured At Ring No. Image: Control of the second seco	Bulge (mm)			1	
Abrasion (Y/N) N N N Circumferential Seams N N N Separation (mm)	Measured At Ring No.				1
Circumferential Seams N N Separation (mm)	Abrasion (Y/N)				1
Separation (mm) Image: Constraint of the second of the	Circumferential Seams		N	N	
Longitudinal Seams X X Total No. of Cracked Rings	Separation (mm)				1
Total No. of Cracked Rings Image: Constraint of the second se	Longitudinal Seams		Х	Х	
Total No. of Rings with Two Image: Constraint of Rings with Two Min. Remaining Steel Image: Remaining Steel Between Cracks (mm) Image: Remaining Steel Proper Lap (Y/N) Image: Remaining Stagger (Y/N) Longitudinal Stagger (Y/N) Image: Remaining Steel Coating N N Coating N N Corrosion By Soil (Y/N) No Image: Remaining Steel Corrosion By Water (Y/N) Yes Image: Remaining Steel Camber POS/ZERO/NEG NEG Image: Remaining Steel	Total No. of Cracked Rings				1
Min. Remaining Steel Between Cracks (mm) Image: Steel Between Cracks (mm) Image: Steel Between Cracks (mm) Proper Lap (Y/N) Image: Steel Longitudinal Stagger (Y/N) Image: Steel Steel Steel Coarting Image: Steel Ste	Total No. of Rings with Two Cracked Seams				
Proper Lap (Y/N) N N Longitudinal Stagger (Y/N) N N Coating N N Corrosion By Soil (Y/N) No Superficial rust evident from ends, above waterJun 2009 Corrosion By Water (Y/N) Yes	Min. Remaining Steel Between Cracks (mm)				1
Longitudinal Stagger (Y/N) N N Coating N N Corrosion By Soil (Y/N) No Corrosion By Water (Y/N) Yes Camber POS/ZERO/NEG NEG	Proper Lap (Y/N)				1
Coating N N Corrosion By Soil (Y/N) No Corrosion By Water (Y/N) Yes Camber POS/ZERO/NEG NEG	Longitudinal Stagger (Y/N)				1
Corrosion By Soil (Y/N) No Corrosion By Water (Y/N) Yes Camber POS/ZERO/NEG NEG	Coating		N	N	Superficial rust evident from ends, above water - Jun 2009
Corrosion By Water (Y/N) Yes Camber POS/ZERO/NEG NEG	Corrosion By Soil (Y/N)	No			
Camber POS/ZERO/NEG NEG	Corrosion By Water (Y/N)	Yes			
	Camber POS/ZERO/NEG	NEG			

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

Bridge Culvert Barrel									
Culvert Component		Last	Now	Explanation of Condition					
(Pipe # : 2, Secondary Span, Lo	ocation Code: MAIN, S	Span (r	nm):	, Rise (mm): 900, Type: MP)					
Ponding (Y/N)	Yes								
Fish Passage Adequacy			N						
Baffle			Х						
(Туре :)									
Waterway Adequacy		5	5						
Icing (Y/N)	No								
Silting (Y/N)	No								
Drift (Y/N)	No								
Barrel General Rating			N						
	1	D	ownstr	ream End					
Culvert Component		Last	Now	Explanation of Condition					
(Pipe # : 2, Span Type: Second	lary Span)								
Direction	1	N		West pipe.					
End Treatment (Concrete, Steel, Others, None)	STEEL		1						
Headwall		Х	X						
Collar			X						
Wingwalls			X	-					
(Shape :)									
Cutoff Wall		Х	X						
Bevel End		4	N	Damaged by mower - photo.					
Heaving (mm)	200			Snow covered					
Invert Above/Below Stream Bed	ABOVE								
Above/Below (mm)	Above/Below (mm) 200								
Scour Protection		N	N						
(Type : RIP RAP)				-					
(Avg. Rock Size(mm) : 200)		1							
Scour/Erosion		N	N						
Beavers (Y/N)	No								
Downstream End General Ration	ng	4	4	GR carried fwd.					
		S	Structu	re Usage					
			Now	Explanation of Condition					
Channel (U/S and D/S)		-	-						
Alignment			7						
Bank Stability		7	7						
HWM (m below Top of Culvert)	0.0			Water to obvert, April 2011					
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		7	7						

			Maintenance Recomme	ndations				
Inspector Recommendations	Y	Year	Inspector Comments	Department Comm	Target Year	Est. Cost	Cat #	
SHOTCRETE REPAIRS								
PLACE ADDITIONAL RIP RAP								
REMOVE DRIFT ACCUMULATION								
INSTALL CONCRETE/STEEL LINING								
INSTALL STRUTS								
INSTALL CONCRETE COLLAR/CUTC	DFF							
REPAIR SEAMS								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								_
OTHER ACTION								
Structural Condition Rating (Last/No (%)	ow) 4	44.4/55.0	6 Sufficiency Rating (Last/Now) (%)	46.5/51.2	5.5/51.2 Est. Repl. Yr 2020		Maint. Reqd. (Y/N) No	
Special Comments for Next Inspection	corrosion	and sea	am separations.	Department Comments				
Maintenance Reviewed By				Date		Estimated Tota	0	
Proposed Long-Term Strategy								
On 3-Year Program (Y/N)								
Proposed Action								
Previous Inspector's Name	Todd Wa	arshaws	ski Previou	Assistant's Name				
Next Inspection Date 07-0		2014	Previou	Inspection Date 13-Apr-2011				
Inspection Cycle (Default) (months) 21					• • • •			
Comment								