Bridge Culvert Inspection														
Bridge File Nur	nber	74292 -	1 Bridge Culve	ert			Form T	уре		CULE				
Year Built		1954					Lot No			1				
Bridge or Town	Name	THORS	BY				Inspec	tor Name		Wade Nanning	ga			
Located Over		TRIBUT	ARY TO WEE	ED CREEK, 6	6.110	0.6,	Inspec	or Class		BR CLS B				
Located On		616:04 (C1 26.771				Assista	Int Name						
Water Body CL	/Year						Assistant Class							
Navigabil CL/Y	/ear						Inspection Date			14-Feb-2011				
Legal Land Log	cation	SW SEC	C 3 TWP 48 R	GE 1 W5M			Data Entry By		Theresa Lacusta					
Longitude Lati	tude	-114.03	·54 53·06·18				Data E	ntry Date		22-Feb-2011				
Road Authority	,	Alberta	Transportation) (AIT)			Review	er Name		Arnold Assent	neimer			
Contract Main. Area CMA			runoportation	. (/ /			Review	/ Date		22-Feb-2011	22-Feb-2011			
Clear Roadway/Skew 12 /							Dept. F	ept. Reviewer Name Brent Herrick						
AADT/Year							Dept. F	Review Da	ate	02-Mar-2011				
Road Classifica	ation	RCU-20	9-110				Follow	Ор Ву						
Detour Length	(km)	5					1							
Bridge Culver	t Inform	ation					1			1				
Number of Culv	verts		2											
Pipe #	Barrel		Span	Rise (or Di	a.)	Туре	Length			Corr. Profile	PI./Slab Thickness	Shape		
1	U/S		-	1500		SP	12.19					ROUND		
1	MAIN		-	1500		SP		12.2		152X51	3.0	ROUND		
1	D/S		-	1500		SP		12.19				ROUND		
2	MAIN		-	1220		MP		35		68X13	2.8	ROUND		
2	D/S		-	1200		MP		5		65X13	2.8	ROUND		
Special Feature	es									1	-			
Special Feature	es Comi	ment												
					Ut	ilities (L	ocated	at)						
Utility Attachme	ents						-							
Telephone	North	& South	r/w.				Gas							
Power	2 lines	s 21 m no	orth of c/l.				Munici	bal						
Others							Proble	m (Y/N)	No					
Remarks														
				Арр	<u>1020</u>	Now	Explor	ankment	Condi	tion				
Horizontal Alia	nment			E	αοι	NOW Q	Entran	Explanation of Condition						
Vertical Alignm					7	7	Linuari		uence	OL.				
Vertical / digritti	iont				'	1								
Roadway Widtl	h (m)		9.500											
Embankment					7	N	Sliaht e	erosion a	ullys in	both ditches.	east side) no n	roblem21-Nov-		
Sideslope (:1)		3.0				2007							
(Height of Co	ver(m) :	2)					Height of cover over east pipe 3.0. Height of cover over west pipe 2.0							
Guardrail (Y/N))		No				lioigin							
Approach Roa	ad / Eml	bankmer	nt General Ra	ting	7	7								
						Unstre	am End							
Culvert Comp	onent			1	ast	Now	Explan	ation of	Condi	tion				
(Pipe # : 1. Sn	an Type	e: Prima	ry Span)											
Direction	.,,,,		, - , /	S	;		East ni	pe.						
End Treatment	(Concre	ete. Stee	I. STEEL				P							
Others None)														

Upstream End										
Culvert Component		Last	Now	Explanation of Condition						
(Pipe # : 1, Span Type: Primary	/ Span)									
Headwall		Х	X							
Collar		х	Х							
Wingwalls		X	Х							
(Shape :)										
Cutoff Wall		Х	X							
Bevel End		6	6							
Heaving (mm)	100									
Invert Above/Below Stream Bed	BELOW									
Above/Below (mm)	300									
Scour Protection		7	7							
(Type : RIP RAP)										
(Avg. Rock Size(mm) : 400)										
Scour/Erosion		7	7							
Beavers (Y/N)	No									
Upstream End General Rating			6							
		Dail		lvort Porrel						
Culvert Component		Last		Explanation of Condition						
(Pine # : 1 Primary Span Local	tion Code: II/S. Snan	(mm).		Rise (mm): 1500 Type: SP)						
Rarrol Last Accessible Date	14 Ech 2011	<u>(IIIII).</u>	,	Barrol 1/2 full with ico						
Darrei Last Accessible Date										
Special Features										
Special Feature										
(Type:)										
Special Feature										
(Туре:)		,								
Roof		6	5	(Rise 1430 at c/l, 4.6%. 03/Sept/2004)						
Measured Rise (mm)	1430			Hole in roof near cl-100mm						
Measured At Ring No.				4.00/						
Sag (mm)	70			4.0%						
Percent Sag	5									
Sidewall		N	N	Could not confirm cracked seams due to ice. 200mm bulge in West						
Measured Span (mm)	1580			wall near c/l.						
Measured At Ring No.										
Deflection (mm)	80									
Percent Deflection	5									
Floor		N	N	Ice on floor.						
Bulge (mm)	0									
Measured At Ring No.										
Abrasion (Y/N)	No									
Circumferential Seams		7	7	Old pipe has wavy sides.						
Separation (mm)	0									

Bridge Culvert Barrel										
Culvert Component		Last	Now	Explanation of Condition						
(Pipe # : 1, Primary Span, Location Code: U/S, Span (mm): , Rise (mm): 1500, Type: SP)										
Longitudinal Seams		N	N	(Ring 5 cracked both sides 115mm steel remaining - photos.						
Total No. of Cracked Rings	1			03/Sept/2004)						
Total No. of Rings with Two Cracked Seams										
Min. Remaining Steel Between Cracks (mm)	115									
Proper Lap (Y/N) No										
Longitudinal Stagger (Y/N)	No									
Coating		6	6	Minor superficial rust lower half.						
Corrosion By Soil (Y/N)	Yes									
Corrosion By Water (Y/N)	Yes									
Camber POS/ZERO/NEG	NEG									
Ponding (Y/N)	No									
Fish Passage Adequacy		5	5	300mm ponding.						
Baffle		Х	X							
(Туре :)										
Waterway Adequacy		5	5							
Icing (Y/N)	No									
Silting (Y/N)	No									
Drift (Y/N)	No									
Barrel Extension General Ratin	g	2	2	(G.R. carried over from 03/Sept/2004)						
		D	ownstr	eam End						
Culvert Component		Last	Now	Explanation of Condition						
(Pipe # : 1, Span Type: Primary	y Span)									
Direction		N		East pipe.						
End Treatment (Concrete, Steel, Others, None)	STEEL									
Headwall		Х	X							
Collar		Х	X							
Wingwalls		Х	X							
(Shape :)			1							
Cutoff Wall		X	X							
Bevel End		6	6							
Heaving (mm)	0									
Invert Above/Below Stream Bed	BELOW									
Above/Below (mm)	300									
Scour Protection		5	5							
(Type : RIP RAP)										
(Avg. Rock Size(mm) : 300)										
Scour/Erosion		5	5							
Beavers (Y/N)	No									
Downstream End General Ratin	ng	6	5							

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Span Type: Second	lary Span)			
Direction		S		West pipe.
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall			Х	
Collar			Х	
Wingwalls		Х	Х	-
(Shape :)				
Cutoff Wall		X	X	
Bevel End		7	7	
Heaving (mm)	200			
Invert Above/Below Stream Bed	ABOVE			-
Above/Below (mm)	1000			
Scour Protection		8	8	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 400)				
Scour/Erosion		8	8	
Beavers (Y/N)	No			
Upstream End General Rating		7	7	
		Brid	dqe Cu	Ivert Barrel
Culuert Commencet		Last	New	Evaluation of Condition
Culvert Component	action Code: MAIN S	Last	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Secondary Span, Lo	ocation Code: MAIN, S	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date	ocation Code: MAIN, S 14-Feb-2011	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features	ocation Code: MAIN, S 14-Feb-2011	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature	ocation Code: MAIN, S 14-Feb-2011	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :)	ocation Code: MAIN, S	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature	ocation Code: MAIN, S	Last span (r	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features (Type :) Special Feature (Type :)	ocation Code: MAIN, S	Last pan (r	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof	ocation Code: MAIN, S	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features (Type :) Special Feature (Type :) Roof Measured Rise (mm)	Decation Code: MAIN, S 14-Feb-2011	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No.	14-Feb-2011 14-Feb-2011	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP)
Culvert Component (Pipe # : 2, 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)	14-Feb-2011 14-Feb-2011 1160 60	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP)
Culvert Component (Pipe # : 2, 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	2000 Code: MAIN, S 14-Feb-2011 1160 60 3	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP)
Culvert Component (Pipe # : 2, 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	2000 Code: MAIN, S 14-Feb-2011 14-Feb-2011 1160 60 3	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP)
Culvert Component (Pipe # : 2, 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)	2000 2011 2010 2011 2010 2010 2010 2010	Last Span (r N	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP)
Culvert Component (Pipe # : 2, 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.	2000 Code: MAIN, S 14-Feb-2011 1160 60 3 1230	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP) D/S
Culvert Component (Pipe # : 2, 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)	2000 Code: MAIN, S 14-Feb-2011 14-Feb-2011 1160 60 3 1230 10	Last Span (r	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP) D/S
Culvert Component (Pipe # : 2, 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	2022 202 2022 2	Last Span (r N N	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP) D/S
Culvert Component (Pipe # : 2, 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	2022 202 2022 2	Last Span (r N N N	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP) D/S
Culvert Component (Pipe # : 2, 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)	Decation Code: MAIN, S 14-Feb-2011 14-Feb-2011 1160 60 3 1230 10 1	Last Span (r N N N	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP) D/S
Culvert Component (Pipe # : 2, 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 At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No.	Decation Code: MAIN, S 14-Feb-2011 14-Feb-2011 1160 60 3 1230 10 1	Last span (r N N N	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP)
Culvert Component (Pipe # : 2, 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)	Decation Code: MAIN, S 14-Feb-2011 14-Feb-2011 1160 60 3 1230 10 1 No	Last Span (r N N N	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP)
Culvert Component (Pipe # : 2, 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) Circumferential Seams	Decation Code: MAIN, S 14-Feb-2011 14-Feb-2011 1160 60 3 1230 10 1 No	Last Span (r N N N N	Now nm):	Explanation of Condition , Rise (mm): 1220, Type: MP)

	1	Brid	age Cu	
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Secondary Span, Lo	ocation Code: MAIN, S	Span (r	nm):	, Rise (mm): 1220, Type: MP)
Longitudinal Seams	1	N	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		N	7	
Corrosion By Soil (Y/N)				
Corrosion By Water (Y/N)				
Camber POS/ZERO/NEG				
Ponding (Y/N)				
Fish Passage Adequacy		N	4	Above S.B.
Baffle		N	Х	
(Type:)				
Waterway Adequacy		N	5	Above S.B overflow pipe.
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		N	7	
, , , , , , , , , , , , , , , , , , ,				
		Brid	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
Culvert Component (Pipe # : 2, Secondary Span, Lo	ocation Code: D/S, Sp	Last an (mr	Now n):	Kent Barrel Explanation of Condition , Rise (mm): 1200, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date	ocation Code: D/S, Sp 14-Feb-2011	Last an (mr	n):	Explanation of Condition , Rise (mm): 1200, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features	ocation Code: D/S, Sp 14-Feb-2011	Last an (mr	n):	IVent Barrel Explanation of Condition , Rise (mm): 1200, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature	ocation Code: D/S, Sp 14-Feb-2011	Last an (mr	n):	Explanation of Condition , Rise (mm): 1200, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :)	ocation Code: D/S, Sp 14-Feb-2011	Last an (mr	n):	Vent Barrel Explanation of Condition , Rise (mm): 1200, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature	ocation Code: D/S, Sp 14-Feb-2011	Last an (mr	n):	Explanation of Condition , Rise (mm): 1200, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :)	ocation Code: D/S, Sp 14-Feb-2011	Last an (mr	n):	Vert Barrel Explanation of Condition , Rise (mm): 1200, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof	ocation Code: D/S, Sp 14-Feb-2011	Brid Last an (mr	Now n):	Vert Barrel Explanation of Condition , Rise (mm): 1200, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof Measured Rise (mm)	pcation Code: D/S, Sp 14-Feb-2011 1190	Brid Last an (mr	ige Cu Now n):	Vert Barrel Explanation of Condition , Rise (mm): 1200, Type: MP)
Culvert Component (Pipe # : 2, Secondary Span, Lo Barrel Last Accessible Date Special Features (Type :) Special Feature (Type :) Roof Measured Rise (mm) Measured At Ring No.	pcation Code: D/S, Sp 14-Feb-2011 1190	an (mr	Ige Cu Now n):	Vert Barrel Explanation of Condition , Rise (mm): 1200, Type: MP)
Culvert Component (Pipe # : 2, 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)	2000 2011 2015 2011 2015 2011 2015 2015	Brid	ige Cu Now n):	Vert Barrel Explanation of Condition , Rise (mm): 1200, Type: MP)
Culvert Component (Pipe # : 2, 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	2 2 2 2 2 2 2 2 2 2 2 2 2 2	Brid	ige Cu Now n):	Vert Barrel Explanation of Condition , Rise (mm): 1200, Type: MP) CL
Culvert Component (Pipe # : 2, 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	2 2 2 2 2 2 2 2 2 2 2 2 2 2	Brid Last an (mr	ige Cu Now n): 8	Vert Barrel Explanation of Condition , Rise (mm): 1200, Type: MP) CL CL
Culvert Component (Pipe # : 2, 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)	2 1210 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Brid Last an (mr	Ige Cu Now n):	Vert Barrel Explanation of Condition , Rise (mm): 1200, Type: MP) CL CL At c/l.
Culvert Component (Pipe # : 2, 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.	2 2 2 2 2 1210	Brid Last an (mr	Ige Cu Now n):	Vert Barrel Explanation of Condition , Rise (mm): 1200, Type: MP) CL CL At c/l.
Culvert Component (Pipe # : 2, 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)	Image: constraint of the second system 14-Feb-2011 14-Feb-2011 1190 30 2 1210 10	Brid Last an (mr	ige Cu Now n): 8	Vert Barrel Explanation of Condition , Rise (mm): 1200, Type: MP) CL CL At c/l.
Culvert Component (Pipe # : 2, 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 At Ring No. Deflection (mm) Percent Deflection	2 2 2 2 2 2 2 2 2 2 2 2 2 2	Brid Last an (mr	ige Cu Now n): 8	Explanation of Condition , Rise (mm): 1200, Type: MP) CL CL At c/l.
Culvert Component (Pipe # : 2, 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	2 2 2 2 14-Feb-2011 14-Feb-2011 1190 30 2 1210 10 1 1 1	8 8 8 8 8	Ige Cu Now Now n):	Vert Barrel Explanation of Condition , Rise (mm): 1200, Type: MP) CL CL At c/l.
Culvert Component (Pipe # : 2, 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 At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm)	Decation Code: D/S, Sp 14-Feb-2011 1190 30 2 1210 10 1 0	Bit Last an (mr 8 8 8 8 8 8 8 8	Ige Cu Now Now n):	Vert Barrel Explanation of Condition , Rise (mm): 1200, Type: MP) CL CL At c/l.
Culvert Component (Pipe # : 2, 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 At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No.	cation Code: D/S, Sp 14-Feb-2011 1190 30 2 1210 10 1 0	Brid Last an (mr 8 8 8 8	Ige Cu Now n): 8 8 8 8 8 8	Vert Barrel Explanation of Condition , Rise (mm): 1200, Type: MP) CL CL At c/l.
Culvert Component (Pipe # : 2, 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 At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N)	Cation Code: D/S, Sp 14-Feb-2011 1190 30 2 1210 10 1 0 No	Brid Last an (mr 8 8 8	Ige Cli Now n): 8 8 8 8 8 8 8 8	Explanation of Condition , Rise (mm): 1200, Type: MP) CL At c/l.
Culvert Component (Pipe # : 2, 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 At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams	Decation Code: D/S, Sp 14-Feb-2011 1190 30 2 1210 10 1 0 No	Brid Last an (mr 8 8 8 8 8	ige Cu Now Now n):	Vert Barrel Explanation of Condition , Rise (mm): 1200, Type: MP) CL CL At c/l.

Bridge Culvert Barrel										
Culvert Component		Last	Now	Explanation of Condition						
(Pipe # : 2, Secondary Span, Lo	cation Code: D/S, Sp	an (mr	n):	, Rise (mm): 1200, 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		8	8							
Corrosion By Soil (Y/N)				Minor.						
Corrosion By Water (Y/N)	Yes									
Camber POS/ZERO/NEG	ZERO									
Ponding (Y/N)	No									
Fish Passage Adequacy		4	4	1m above streambed at inlet & outlet.						
Baffle		X	Х							
(Туре :)										
Waterway Adequacy		7	5	Overflow pipe-above S.B.						
Icing (Y/N)	No									
Silting (Y/N)	No									
Drift (Y/N)	No									
Barrel Extension General Ratin	g	8	8							
		D	ownstr	eam End						
Culvert Component		Last	Now	Explanation of Condition						
(Pipe # : 2, Span Type: Second	ary Span)									
Direction		N		West pipe.						
End Treatment (Concrete, Steel, Others, None)	STEEL									
Headwall	1	Х	X							
Collar		Х	Х							
Wingwalls		Х	X							
(Shape :)										
Cutoff Wall		Х	X							
Bevel End		8	8	5m long flume present. Bevel end extension.						
Heaving (mm)	0									
Invert Above/Below Stream Bed	ABOVE									
Above/Below (mm)	1000									
Scour Protection		8	8							
(Type : RIP RAP)										
(Avg. Rock Size(mm) : 300)										
Scour/Erosion		8	8							
Beavers (Y/N)	No									
Downstream End General Ratir	ng	8	8							

		re Usage		
		Last	Now	Explanation of Condition
Channel (U/S and D/S)				
Alignment			7	
Bank Stability			4	NE bank sloughing.
HWM (m below Top of Culvert)				No evidence of HWM.
Drift (Y/N)	Yes			
Channel Bottom DEGRADING Degrading/Aggrading				
Beavers (Y/N)	No			
(Fish Compensation Measure 1 :	NONE)			
(Fish Compensation Measure 2 :	NONE)			
Channel General Rating		4	4	

			Maintenance Reco	ommenda	ations					
Inspector Recommendations	Ye	ear	Inspector Comments		Department Con	nments		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	20	011	Reduce inspection cycle to 19 months.							
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/No (%)	ow) 22	2.2/22.2	22.2 Sufficiency Rating (Last/Nov (%)		35.4/34.4	Est. Repl. Yr	2015	Maint. Red	qd. (Y/N)	Yes
Special Comments for Next Inspection	ring 5, amii	in barre	el, until replaced.		Department Comments					
Maintenance Reviewed By					Date		E	Estimated Total	0	
Proposed Long-Term Strategy										
On 3-Year Program (Y/N)										
Proposed Action										
Previous Inspector's Name	Jacob Ore	esile	P	revious A	Assistant's Name					
Next Inspection Date	14-May-20	2014	P	revious I	s Inspection Date 21-Nov-2007					
Inspection Cycle (Default) (months)	39									
Comment										