Bridge Culvert Inspection												
Bridge File Nur	nber	75068 -	2 Bridge Culve		_		Form T		CULE			
Year Built/Lineo		1959/20					Lot No.		4			
Bridge or Town								or Name	Todd Warshawski			
Located Over	Hamo		CREEK, 6.95.	2.4 WATE		S-ST	· ·		BR CLS B			
Located On			011221, 0.001	, ••, ••		001	Assistant Name		DICOLOB			
Water Body Cl.	/Year	21.20 0	// //.200				Assistant Class					
								ion Date	07-Jan-2013			
Navigabil. Cl./Year           Legal Land Location         NW SEC 6 TWP 51 RGE 22 W					N/		Data E		Lisa Fairhurst			
					2 VV4M			ntry Date	22-Jan-2013			
Longitude, Latitude -113:14:45, 53:22:47								er Name	Eric Carcoux			
Road Authority Alberta Transportation (AIT)							Review		17-Jan-2013			
Contract Main. Area CMA09 Clear Roadway/Skew 11.8 / 3 deg. (RHF)							eviewer Name					
AADT/Year	Skew							eview Date	23-Jan-2013			
	tion		2011 (A) 11.8-110				Follow-		23-Jan-2013			
Road Classifica			11.0-110				Follow-	ор Бу				
Detour Length	. ,	3							I			
Bridge Culvert		iauon	2									
	Barrel			Dico (or l		Turne		Longth	Corr. Profile	PI./Slab	Shape	
Pipe #	Darrei		Span	Rise (or I	Dia.)	Туре		Length	Con. Prome	Thickness	Shape	
2	U/S FU LINER	JLL	-	1400		MP		11.3	125X26	2.8	ROUND	
2	MAIN F LINER		-	1200		SSP		28			ROUND	
2	D/S FU LINER		-	1400 I		MP		11.3	125X26	2.8	ROUND	
3	U/S		-	2000		MP		11.3	125X26	2.8	ROUND	
3	MAIN		-	1829		SSP		28			ROUND	
3	D/S		-	2000		MP		11.3	125X26	2.8	ROUND	
Special Feature	es											
Special Feature	es Comi	ment	BF tags not fou	und								
					Uti	lities (L	ocated	at)				
Utility Attachme		,					0					
Telephone	West	-	,				Gas					
Power	2 wire	OHP E	r/w				Municipal					
Others							Probler	n (Y/N)				
Remarks							. / =					
				Ар				nkment	tion			
	ment					Now	i	ation of Condi		rth		
Horizontal Align					7	7		Intersection to service station 25m north. Crest curve to south.				
Vertical Alignm Roadway Width			11.000		7	1						
Embankment					8	8						
Sideslope (	•1)		4.0		0	0						
(Height of Co		· 3 8)	т.0				-					
Guardrail (Y/N)		. 5.6)	No									
Approach Roa	id / Eml	bankme	nt General Rat	ing	7	7						
						Upstre	am End					
Culvert Compo	onent				Last			ation of Condi	tion			
(Pipe # : <b>2, Sp</b>		e: Secor	ndary Span)									
Direction					E		South p	pipe.				
End Treatment	(Concre	ete, Stee	el, STEEL									
Others, None)												

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Span Type: Second	dary Span)			
Headwall		X	X	
Collar			X	
Wingwalls		X	X	
(Shape : )			Λ	
Cutoff Wall		X	X	
Bevel End	0	8	8	Upper 1/2 rated
Heaving (mm) Invert Above/Below Stream Bed				
	75			-
Above/Below (mm)	/5	N	N	Crew equand
Scour Protection		N	N	Snow covered
(Type : <b>RIP RAP</b> )				-
(Avg. Rock Size(mm) : <b>300</b> )			N	
Scour/Erosion		N	N	
Beavers (Y/N)	No			
Upstream End General Rating		8	8	
		Brio	dae Cu	Ivert Barrel
Culvert Component		1	Now	Explanation of Condition
(Pipe # : 2, Secondary Span, Lo	ocation Code: U/S, Sp	an (mr	n):	, Rise (mm): 1400, Type: MP)
Barrel Last Accessible Date	07-Feb-2013			South pipe. Extensions u/s and d/s
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		8	8	
Measured Rise (mm)				Rise not measured due to ice
Measured At Ring No.				_
Sag (mm)	0			_
Percent Sag	0			
Sidewall		8	8	5m from inlet.
Measured Span (mm)	1408			
Measured At Ring No.				
Deflection (mm)	0			
Percent Deflection	0			
Floor		N	N	600m water/ice. Deepens from mid pipe to downstream.
Bulge (mm)	0			
Measured At Ring No.				
Abrasion (Y/N)	No			
Circumferential Seams		8	8	Rating CSP/WSP connection.
Separation (mm)	0			

		Brie	dqe Cu	Ivert Barrel
Culvert Component				Explanation of Condition
(Pipe # : 2, Secondary Span, L	ocation Code: U/S, S	Span (mr	n):	, Rise (mm): 1400, Type: MP)
Longitudinal Seams		X	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		6	6	
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		7	7	
Baffle		X	Х	-
(Type : )				
Waterway Adequacy		8	8	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel Extension General Rat	ing	8	8	
		Brie	dge Cu	Ivert Barrel
Culvert Component		Last		Explanation of Condition
(Pipe # : 2, Secondary Span, L	ocation Code: MAIN,	, Span (r	nm):	, Rise (mm): 1200, Type: SSP)
Barrel Last Accessible Date	07-Jan-2013			South pipe. Centre section
Special Features				
Special Feature				
(Туре : )				
Special Feature				
(Туре : )				
Roof		8	8	
Measured Rise (mm)				Rise not measured due to ice
Measured At Ring No.				
Sag (mm)	0			
Percent Sag	0			
Sidewall		8	8	c/l
Measured Span (mm)	1185			1
Measured At Ring No.				1
Deflection (mm)	0			
Percent Deflection	0			1
Floor		N	N	300m water/ice. Deepens from mid pipe to downstream.
Bulge (mm)	0			
Measured At Ring No.	-			1
	No			1
Abrasion (Y/N)	INO			
Abrasion (Y/N) Circumferential Seams	INO	8	8	Welded seams
Abrasion (Y/N) Circumferential Seams Separation (mm)	0	8	8	Welded seams.

		Brie	dge Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Secondary Span, Lo	ocation Code: MAIN, S	Span (r	nm):	, Rise (mm): 1200, Type: SSP)
Longitudinal Seams		X	X	
Total No. of Cracked Rings				
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)				
Longitudinal Stagger (Y/N)				
Coating		6	6	Superficial rust in liner.
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		7	7	
Baffle		X	Х	
(Type:)				
Waterway Adequacy		8	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: Second	lary Span)			
Direction	1	W		South pipe.
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		X	X	
Collar		X	Х	
Wingwalls		X	X	
(Shape : )			_	
Cutoff Wall		X	X	
Bevel End		8	8	Upper 1/2 rated
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	300			
Scour Protection		N	N	Snow covered
(Type : <b>RIP RAP</b> )				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		N	N	
Beavers (Y/N)	No			

			Upstre	
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 3, Span Type: Primary	y Span)			
Direction		E		
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall			X	
Collar			Х	
Wingwalls			Х	
(Shape : )				
Cutoff Wall			X	
Bevel End			7	Upper 1/2 rated
Heaving (mm)	100			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	150			
Scour Protection			N	Under snow
(Type : <b>RIP RAP</b> )				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion			N	Under snow
Beavers (Y/N)				
Upstream End General Rating			7	
		Brid	dae Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
Culvert Component (Pipe # : 3, Primary Span, Loca		Last (mm):		Explanation of Condition Rise (mm): 2000, Type: MP)
Culvert Component (Pipe # : 3, Primary Span, Loca Barrel Last Accessible Date				Explanation of Condition         Rise (mm): 2000, Type: MP)         North pipe. Extensions. u/s and d/s
(Pipe # : 3, Primary Span, Loca	tion Code: U/S, Span			Rise (mm): 2000, Type: MP)
(Pipe # : <b>3, Primary Span, Loca</b> Barrel Last Accessible Date	tion Code: U/S, Span			Rise (mm): 2000, Type: MP)
(Pipe # : <b>3, Primary Span, Loca</b> Barrel Last Accessible Date <b>Special Features</b> Special Feature	tion Code: U/S, Span			Rise (mm): 2000, Type: MP)
(Pipe # : 3, Primary Span, Loca Barrel Last Accessible Date Special Features	tion Code: U/S, Span			Rise (mm): 2000, Type: MP)
(Pipe # : <b>3, Primary Span, Loca</b> Barrel Last Accessible Date <b>Special Features</b> Special Feature (Type : ) Special Feature	tion Code: U/S, Span			Rise (mm): 2000, Type: MP)
(Pipe # : <b>3</b> , <b>Primary Span</b> , <b>Loca</b> Barrel Last Accessible Date <b>Special Features</b> Special Feature (Type : ) Special Feature (Type : )	tion Code: U/S, Span			Rise (mm): 2000, Type: MP) North pipe. Extensions. u/s and d/s
(Pipe # : <b>3</b> , <b>Primary Span</b> , <b>Loca</b> Barrel Last Accessible Date <b>Special Features</b> Special Feature (Type : ) Special Feature (Type : ) Roof	tion Code: U/S, Span ( 07-Jan-2013		, F	Rise (mm): 2000, Type: MP)
(Pipe # : <b>3</b> , <b>Primary Span</b> , <b>Loca</b> Barrel Last Accessible Date <b>Special Features</b> Special Feature (Type : ) Special Feature (Type : ) Roof Measured Rise (mm)	tion Code: U/S, Span		, F	Rise (mm): 2000, Type: MP) North pipe. Extensions. u/s and d/s
(Pipe # : <b>3</b> , <b>Primary Span</b> , <b>Loca</b> Barrel Last Accessible Date <b>Special Features</b> Special Feature (Type : ) Special Feature (Type : ) Roof Measured Rise (mm) Measured At Ring No.	tion Code: U/S, Span ( 07-Jan-2013 1980		, F	Rise (mm): 2000, Type: MP) North pipe. Extensions. u/s and d/s
(Pipe # : <b>3</b> , <b>Primary Span</b> , <b>Loca</b> Barrel Last Accessible Date <b>Special Features</b> Special Feature (Type : ) Special Feature (Type : ) Roof Measured Rise (mm) Measured At Ring No. Sag (mm)	tion Code: U/S, Span ( 07-Jan-2013 1980 20		, F	Rise (mm): 2000, Type: MP) North pipe. Extensions. u/s and d/s
(Pipe # : <b>3</b> , <b>Primary Span</b> , <b>Loca</b> Barrel Last Accessible Date <b>Special Features</b> Special Feature (Type : ) Special Feature (Type : ) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag	tion Code: U/S, Span ( 07-Jan-2013 1980		, I	Rise (mm): 2000, Type: MP)         North pipe. Extensions. u/s and d/s         (5m from inlet - Feb/04)
(Pipe # : <b>3</b> , <b>Primary Span</b> , <b>Loca</b> Barrel Last Accessible Date <b>Special Features</b> Special Feature (Type : ) Special Feature (Type : ) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall	tion Code: U/S, Span ( 07-Jan-2013 1980 20 1		, F	Rise (mm): 2000, Type: MP) North pipe. Extensions. u/s and d/s
(Pipe # : <b>3</b> , <b>Primary Span</b> , <b>Loca</b> Barrel Last Accessible Date <b>Special Features</b> Special Feature (Type : ) Special Feature (Type : ) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm)	tion Code: U/S, Span ( 07-Jan-2013 1980 20		, I	Rise (mm): 2000, Type: MP)         North pipe. Extensions. u/s and d/s         (5m from inlet - Feb/04)
(Pipe # : <b>3</b> , <b>Primary Span</b> , <b>Loca</b> Barrel Last Accessible Date <b>Special Features</b> 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.	tion Code: U/S, Span ( 07-Jan-2013 1980 20 1 2004		, I	Rise (mm): 2000, Type: MP)         North pipe. Extensions. u/s and d/s         (5m from inlet - Feb/04)
(Pipe # : 3, 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)	tion Code: U/S, Span ( 07-Jan-2013 1980 20 1 2004 0		, I	Rise (mm): 2000, Type: MP)         North pipe. Extensions. u/s and d/s         (5m from inlet - Feb/04)
(Pipe # : <b>3</b> , <b>Primary Span</b> , <b>Loca</b> Barrel Last Accessible Date <b>Special Features</b> 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	tion Code: U/S, Span ( 07-Jan-2013 1980 20 1 2004		, I	Rise (mm): 2000, Type: MP)         North pipe. Extensions. u/s and d/s         (5m from inlet - Feb/04)         5m from inlet
(Pipe # : 3, 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	tion Code: U/S, Span ( 07-Jan-2013 1980 20 1 2004 0 0		, I	Rise (mm): 2000, Type: MP)         North pipe. Extensions. u/s and d/s         (5m from inlet - Feb/04)
(Pipe # : 3, 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 At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm)	tion Code: U/S, Span ( 07-Jan-2013 1980 20 1 2004 0		, I	Rise (mm): 2000, Type: MP)         North pipe. Extensions. u/s and d/s         (5m from inlet - Feb/04)         5m from inlet
(Pipe # : 3, 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 At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No.	tion Code: U/S, Span ( 07-Jan-2013 1980 20 1 2004 2004 0 0 0		, I	Rise (mm): 2000, Type: MP)         North pipe. Extensions. u/s and d/s         (5m from inlet - Feb/04)         5m from inlet
(Pipe # : 3, 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 At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N)	tion Code: U/S, Span ( 07-Jan-2013 1980 20 1 2004 0 0		, I	Rise (mm): 2000, Type: MP)         North pipe. Extensions. u/s and d/s         (5m from inlet - Feb/04)         5m from inlet
(Pipe # : 3, 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 At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No.	tion Code: U/S, Span ( 07-Jan-2013 1980 20 1 2004 2004 0 0 0		, I	Rise (mm): 2000, Type: MP)         North pipe. Extensions. u/s and d/s         (5m from inlet - Feb/04)         5m from inlet

		Bric	lge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 3, Primary Span, Loca	ation Code: U/S, Spa	an (mm):	, F	Rise (mm): 2000, Type: MP)
Longitudinal Seams			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			6	Rating CSP extensions. Minor superficial rust
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy			8	
Baffle			X	
(Type:)				
Waterway Adequacy			8	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel Extension General Rati	ng		7	
		Bric	lae Cu	lvert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 3, Primary Span, Loca	tion Code: MAIN. S			, Rise (mm): 1829, Type: SSP)
		<u> </u>	/	North pipe. Centre section
Barrel Last Accessible Date	07-Jan-2013			
	07-Jan-2013			
Special Features	07-Jan-2013			
Special Features Special Feature	07-Jan-2013			-
Special Features Special Feature (Type : )	07-Jan-2013			
Special Features Special Feature (Type : ) Special Feature	07-Jan-2013			
Special Features Special Feature (Type : ) Special Feature (Type : )	07-Jan-2013			
Special Features Special Feature (Type : ) Special Feature (Type : ) Roof	07-Jan-2013		7	Rise not measured due to ice
Special Features Special Feature (Type : ) Special Feature (Type : ) Roof Measured Rise (mm)	07-Jan-2013		7	
Special Features Special Feature (Type : ) Special Feature (Type : ) Roof Measured Rise (mm) Measured At Ring No.	07-Jan-2013		7	
Special Features Special Feature (Type : ) Special Feature (Type : ) Roof Measured Rise (mm) Measured At Ring No. Sag (mm)			7	
Special Features Special Feature (Type : ) Special Feature (Type : ) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag	07-Jan-2013			
Special Features Special Feature (Type : ) Special Feature (Type : ) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall			7	
Special Features Special Feature (Type : ) Special Feature (Type : ) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm)				
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.	1 1 1 1820			Rise not measured due to ice
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)	1820			Rise not measured due to ice
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.	1 1 1 1820			Rise not measured due to ice
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)	1820			Rise not measured due to ice
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	1820		7	Rise not measured due to ice
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	1820 10 0		7	Rise not measured due to ice
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)	1820 10 0		7	Rise not measured due to ice
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.	1 1 1 1 1 1 2 1 3 2 3 3 3 3 3 3 3 3 3 3		7	Rise not measured due to ice

		Brid	ge Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 3, Primary Span, Loca	tion Code: MAIN, Spa	n (mm)	:	, Rise (mm): 1829, Type: SSP)
Longitudinal Seams			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			6	Superficial rust
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy			8	
Baffle			Х	
(Type:)				
Waterway Adequacy			8	
Icing (Y/N)	No			-
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating			7	
		Do	ownstr	eam End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 3, Span Type: Primary	/ Span)			
Direction		W		-
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall			Х	
Collar			Х	
Wingwalls			Х	
(Shape : )				
Cutoff Wall			Х	
Bevel End			8	Upper 1/2 rated
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	400			
Scour Protection			Ν	Snow covered
(Type : <b>RIP RAP</b> )				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion			Ν	
Beavers (Y/N)	No			
Downstream End General Ratin	ng		8	

Structure Usage								
		Last	Now	Explanation of Condition				
Channel (U/S and D/S)	Channel (U/S and D/S)							
Alignment		8	8					
Bank Stability		8	8					
HWM (m below Top of Culvert)				HWM not visible.				
Drift (Y/N)	No			_				
Channel Bottom Degrading/Aggrading								
Beavers (Y/N)	No							
(Fish Compensation Measure 1	: NONE)			(Fish pool-May 2, 2009)				
(Fish Compensation Measure 2	: NONE)							
Channel General Rating		8	8					

			Maintenance Re	commend	lations					
Inspector Recommendations		Year	Inspector Comments		Department Com	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)	77.8/77.8 Sufficiency Rating (I (%)		low) 8	80.1/80.1	Est. Repl. Yr	2060	Maint. Re	qd. (Y/N)	No
Special Comments for Next Inspection					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	Todd V	Varshaws	ski	Previous Assistant's Name						
Next Inspection Date	07-Oct	-2014		Previous Inspection Date 09-Feb-2011						
Inspection Cycle (Default) (months)	21									
Comment										