					Bridg	e Culve	ert Inspe	ection					
Bridge File Nur	mber	75369 -	1 Bridge Culve	rt			Form T	уре		CULM			
Year Built		1963					Lot No.			2			
Bridge or Town	Name	MILLET	-				Inspect	or Name	!	Owen Salava			
Located Over		PIPEST	PIPESTONE CREEK, 5.47, WATER				CRS-ST Inspector Clas			BR CLS A			
Located On		2:30 L1	12.008;2:30 R	1 12.007			Assista	nt Name					
Water Body Cl.	./Year						Assista	nt Class					
Navigabil. Cl./Y	'ear						Inspect	ion Date		20-Feb-2013			
Legal Land Loc	cation	NE SEC	C 16 TWP 47 R	GE 25 W	4M		Data Er	ntry By		Marcia Chavez	<u>z</u>		
Longitude, Latin	tude	-113:35	:52, 53:03:41				Data Er	ntry Date	<b>:</b>	08-Mar-2013			
Road Authority		Alberta	Transportation	(AIT)			Review	er Name	<b>:</b>	John O'Brien			
Contract Main.	Area	CMA17					Review	Date		27-Feb-2013			
Clear Roadway	//Skew	21.6 /					Dept. R	eviewer	Name	Chris Black			
AADT/Year		24,410	/ 2011 (A)				Dept. R	eview D	ate	14-Mar-2013			
Road Classification RAD-412.4-120					Follow-	Up By							
Detour Length	(km)	1											
Bridge Culvert	t Inform	ation											
Number of Culv	verts		4	1		ı				I	1		
Pipe #	Barrel		Span	Rise (or	Dia.)	Туре		Length		Corr. Profile	Pl./Slab Thickness	Shape	
1	MAIN		2610	2877		SPE		76		152X51	3.5,3.5,3.5	ELLIPSE	
2	MAIN		2610	2877		SPE		76		152X51	3.5,3.5,3.5	ELLIPSE	
3	MAIN		2610	2877		SPE		76		152X51	3.5,3.5,3.5	ELLIPSE	
4	MAIN		2610	2877		SPE		76		152X51 3.5,3.5,3.5 ELLIPSE			
Special Feature	es												
Special Feature	es Comr	ment											
					1 14:	ilitios (I	ocated	ot)					
Utility Attachme	ante				Οti	iilles (L	-ocateu	al)					
Telephone							Gas						
Power							Municip	l					
Others							Problen		No				
Remarks							T TODION	11 (1714)	110				
Romano				Ar	oproac	ch Road	d / Emba	nkment					
					Last	Now		ation of		tion			
Horizontal Align	nment				8	8		cal sag c					
Vertical Alignm	ent				6	6	1						
Roadway Width	h (m)		21.600										
Embankment					6	6							
Sideslope (	:1)		4.0				1						
(Height of Co	ver(m) :	4.2)					1						
Guardrail (Y/N)			Yes										
Approach Roa	ad / Emb	bankmei	nt General Rat	ing	6	6							
						Upstre	am End						
Culvert Comp	onent				Last	Now		ation of	Condi	tion			
(Pipe # : 1, Sp		e: Prima	ry Span)										
Direction					Е		North c	ulvert.					
End Treatment Others, None)	(Concre	ete, Stee	el, STEEL										
Headwall			1		Х	X							
Collar					Х	Х							

			Upstre	eam End
Culvert Component			Now	
(Pipe #: 1, Span Type: Primary	y Span)			
Wingwalls		Х	X	
(Shape: )				
Cutoff Wall		Х	Х	
Bevel End		6	6	
Heaving (mm)	150			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	200			
Scour Protection		6	N	Snow covered.
(Type: RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		6	N	Snow covered.
Beavers (Y/N)	No			
Upstream End General Rating		6	6	
		Deid	dae Cu	llvert Barrel
Culvert Component			Now	
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN Sna			· ·
Barrel Last Accessible Date	20-Feb-2013			North culvert.
	20-1 65-2013			North curvert.
Special Features		1		
Special Feature				_
(Type:)		1		
Special Feature				_
(Type:)		1		
Roof	I	N	6	Unable to measure due to ice.
Measured Rise (mm)				
Measured At Ring No.				(Est 5%. 15Jan2010).
Sag (mm)				
Percent Sag			,	
Sidewall		N	6	(Span @ R16 = 2745, 135mm. R24 = 2766, 156mm. R30 = 2748,
Measured Span (mm)	2770			138mm. 15Jan2010). Ice 1.2m from roof; rated what was visible.
Measured At Ring No.	8			
Deflection (mm)	160			(6.1%. 15Jan2010).
Percent Deflection	6		,	
Floor		N	N	
Bulge (mm)				
Measured At Ring No.				
Abrasion (Y/N)	No			
Circumferential Seams		N	6	
Separation (mm)	0			
Longitudinal Seams		N	6	
Total No. of Cracked Rings	0			
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)	No			
Longitudinal Stagger (Y/N)	Yes			1

Bridge Culvert Barrel							
Culvert Component		Last	Now	Explanation of Condition			
(Pipe #: 1, Primary Span, Locat	tion Code: MAIN, Spa	n (mm	): 2610	, Rise (mm): 2877, Type: SPE)			
Coating		N	5	Corrosion/scaling from waterline down.			
Corrosion By Soil (Y/N)	No						
Corrosion By Water (Y/N)	Yes						
Camber POS/ZERO/NEG	NEG						
Ponding (Y/N)	No						
Fish Passage Adequacy		7	7				
Baffle		Х	Х				
(Type:)							
Waterway Adequacy		7	7				
Icing (Y/N)	No			Minor.			
Silting (Y/N)	No						
Drift (Y/N)	Yes						
Barrel General Rating		N	6				
		D	ownstr	ream End			
Culvert Component		Last	Now	Explanation of Condition			
(Pipe #: 1, Span Type: Primary	/ Span)						
Direction		W		North pipe.			
End Treatment (Concrete, Steel, Others, None)	STEEL						
Headwall		Х	X				
Collar		Х	X				
Wingwalls		Х	Х				
(Shape: )							
Cutoff Wall		Х	Х				
Bevel End		6	6				
Heaving (mm)	150						
Invert Above/Below Stream Bed	BELOW						
Above/Below (mm)	300						
Scour Protection		6	N	Snow covered.			
(Type : RIP RAP)							
(Avg. Rock Size(mm): 300)							
Scour/Erosion		6	N	Snow covered.			
Beavers (Y/N)	No						
Downstream End General Ratin	ng	6	6				
			□ Upstre	am End			
Culvert Component		Last		Explanation of Condition			
(Pipe # : 2, Span Type: Second	ary Span)						
Direction	. ,	Е		2nd from North.			
End Treatment (Concrete, Steel, Others, None)	STEEL						
Headwall		Х	Х				
Collar		Х	X				

			Upstre	eam End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Span Type: Second	lary Span)			
Wingwalls		Х	X	
(Shape: )				
Cutoff Wall		Х	X	
Bevel End		6	6	
Heaving (mm)	150			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	200			
Scour Protection		6	N	Snow covered.
(Type : RIP RAP)				
(Avg. Rock Size(mm): 300)				
Scour/Erosion		6	N	Snow covered.
Beavers (Y/N)	No			
Upstream End General Rating		6	6	
		Brid	dae Cu	llvert Barrel
Culvert Component				Explanation of Condition
-	ocation Code: MAIN, S			610, Rise (mm): 2877, Type: SPE)
Barrel Last Accessible Date	20-Feb-2013			2nd from north.
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		N	6	Unable to measure due to ice.
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)				Est 5%.
Percent Sag				
Sidewall		N	6	(Span @ R16 = 2698, 88mm. R24 = 2696, 86mm. R30 = 2595,
Measured Span (mm)	2729			15mm. 15Jan2010) - Ice to 1.4m of roof; rated visible.
Measured At Ring No.	8			
Deflection (mm)	119			(4.6%. 15Jan2010).
Percent Deflection	5			,
Floor		N	N	
Bulge (mm)				
Measured At Ring No.				
Abrasion (Y/N)	No			
Circumferential Seams		N	6	
Separation (mm)	0			
Longitudinal Seams		N	6	
Total No. of Cracked Rings	0			
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)	No			
Longitudinal Stagger (Y/N)	Yes			1

		Brid	Bridge Culvert Barrel				
<b>Culvert Component</b>		Last	Now	Explanation of Condition			
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN,	Span (r	nm): 26	610, Rise (mm): 2877, Type: SPE)			
Coating		N	5	Corrosion/scaling from waterline down.			
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		Х	Х				
(Type:)							
Waterway Adequacy		5	5	D 1 @ D0 / W/			
Icing (Y/N)	No			Beaver dam @ R3 from W.			
Silting (Y/N)	No						
Drift (Y/N)	Yes						
Barrel General Rating		N	6				
		D	ownstr	ream End			
Culvert Component		Last	Now	Explanation of Condition			
(Pipe # : 2, Span Type: Second	ary Span)						
Direction		W		2nd from North.			
End Treatment (Concrete, Steel, Others, None)	STEEL						
Headwall		X	X				
Collar		Х	Х				
Wingwalls		Х	Х				
(Shape: )							
Cutoff Wall		Х	Х				
Bevel End		6	6				
Heaving (mm)	150						
Invert Above/Below Stream Bed	BELOW						
Above/Below (mm)	300						
Scour Protection		6	N	Snow covered.			
(Type : RIP RAP)		'					
(Avg. Rock Size(mm) : 300)							
Scour/Erosion		6	N				
Beavers (Y/N)	Yes						
Downstream End General Ratio	ng	6	6				
			Unstre	am End			
Culvert Component							
(Pipe # : 3, Span Type: Second	ary Span)			•			
Direction		E		3rd from North.			
End Treatment (Concrete, Steel, Others, None)	STEEL	_					
Headwall		Х	Х				
Collar		X	X				

			Upstre	eam End
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 3, Span Type: Second	ary Span)			
Wingwalls		Х	X	
(Shape: )				
Cutoff Wall		Х	Х	
Bevel End		6	6	
Heaving (mm)	0			
Invert Above/Below Stream Bed				
Above/Below (mm)	0			
Scour Protection		6	N	Snow covered.
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		6	N	Snow covered.
Beavers (Y/N)	No			
Upstream End General Rating		6	6	
		Bri.	dae Cu	Ilvert Barrel
Culvert Component				Explanation of Condition
-	cation Code: MAIN. S			610, Rise (mm): 2877, Type: SPE)
Barrel Last Accessible Date	20-Feb-2013		····/· <u>-</u>	
	20100 2010			
Special Features		1	1	
Special Feature				
(Type:)			1	
Special Feature				
(Type:)		1	1	<u> </u>
Roof	I	N	6	Unable to measure due to ice.
Measured Rise (mm)	2813			
Measured At Ring No.	8			
Sag (mm)	64			_ (2.2%. 15Jan2010).
Percent Sag	2		1	
Sidewall	I	N	6	Span @ R16, 2704, 94mm. R24 = 2704, 94mm. R30 = 2602, 8mm.
Measured Span (mm)	2740			
Measured At Ring No.	8			_
Deflection (mm)	130			
Percent Deflection	5			
Floor	ı	N	N	Ice
Bulge (mm)				
Measured At Ring No.				
Abrasion (Y/N)	No			
Circumferential Seams		N	6	
Separation (mm)	0			
Longitudinal Seams		N	6	
Total No. of Cracked Rings	0			
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)	No			1
Longitudinal Stagger (Y/N)	Yes			
Longituaniai Otaggoi (1/14)	100			

Bridge Culvert Barrel							
Culvert Component		Last	Now	Explanation of Condition			
(Pipe #: 3, Secondary Span, Lo	cation Code: MAIN, S	Span (r	nm): 26	610, Rise (mm): 2877, Type: SPE)			
Coating		N	5	Corrosion/scaling from waterline down.			
Corrosion By Soil (Y/N)	No						
Corrosion By Water (Y/N)	Yes						
Camber POS/ZERO/NEG	NEG						
Ponding (Y/N)	No						
Fish Passage Adequacy		7	7				
Baffle		Х	Х				
(Type:)							
Waterway Adequacy		7	7				
Icing (Y/N)	No			Minor.			
Silting (Y/N)	No						
Drift (Y/N)	Yes						
Barrel General Rating		N	6				
		D	ownstr	ream End			
Culvert Component		Last	Now	Explanation of Condition			
(Pipe #: 3, Span Type: Second	ary Span)						
Direction		W		3rd from north.			
End Treatment (Concrete, Steel, Others, None)	STEEL						
Headwall		X	X				
Collar		Х	X				
Wingwalls		Х	Х				
(Shape: )							
Cutoff Wall		Х	X				
Bevel End		6	6				
Heaving (mm)	0						
Invert Above/Below Stream Bed	BELOW						
Above/Below (mm)	300						
Scour Protection		6	N	Snow covered.			
(Type : RIP RAP)							
(Avg. Rock Size(mm) : <b>300</b> )							
Scour/Erosion		6	N	Snow covered.			
Beavers (Y/N)	No						
Downstream End General Ratio	ng	6	6				
			linstre	am End			
Culvert Component		Last		Explanation of Condition			
(Pipe # : 4, Span Type: Second	lary Span)						
Direction	<b>J</b> - [ )	E		South pipe.			
End Treatment (Concrete, Steel, Others, None)	STEEL	_		, F. F			
Headwall		Х	Х				
Collar		X	X				

Pipe # : 4, Span Type: Secondary Span				Upstre	eam End
Wingwalls	Culvert Component				
Cutoff Wall	(Pipe # : 4, Span Type: Second	lary Span)			
Sevel   End	Wingwalls		Х	Х	
Bevel End	(Shape: )				
Heaving (mm)			Х	Х	
Heaving (mm)	Bevel End		6	6	
Invert Above/Below (Irm)   200   2		0			
Scour Protection   6		BELOW			
Scour Protection   6	Above/Below (mm)	200			
Avg. Rock Size(mm) : 300   ScouriForsion   6			6	N	Snow covered.
Scour/Erosion   No   No   Show covered.	(Type : RIP RAP)				
Desire   Culvert Component   Last   Now   Explanation of Condition	(Avg. Rock Size(mm) : 300)				
Upstream End General Rating	Scour/Erosion		6	N	Snow covered.
Bridge Culvert Barrel	Beavers (Y/N)	No			
Culvert Component (Pipe # : 4, Secondary Span, Location Code: MAIN, Span / Improvemental Rate (Pipe # : 4, Secondary Span, Location Code: MAIN, Span / Improvemental Rate (Pipe # : 4, Secondary Span, Location Code: MAIN, Span / Improvemental Span   Improvemen	Upstream End General Rating		6	6	
Culvert Component (Pipe # : 4, Secondary Span, Location Code: MAIN, Span / Imministry (Pipe # : 4, Secondary Span, Location Code: MAIN, Span / Imministry (Pipe # : 4, Secondary Span, Location Code: MAIN, Span / Imministry (Pipe # : 4, Secondary Span, Location Code: MAIN, Span / Imministry (Pipe # : 4, Secondary Span, Location Code: MAIN, Span / Imministry (Pipe # : 4, Secondary (Pipe # : 4			Duit	dae Cu	Ivert Perrel
Pipe # : 4, Secondary Span, Location Code: MAIN, Span (mm): 2610, Rise (mm): 2877, Type: SPE	Culvert Component				
South pipe.   South pipe.		cation Code: MAIN. S			· ·
Special Feature				,	
Special Feature	Special Features				
Type :   Special Feature   Company   Special Feature   Company   Special Feature   Company   Special Feature   Special					
Special Feature   (Type : )					
Type : )   Roof					
N   6   Measured Rise (mm)   Measured At Ring No.   Sag (mm)   Sidewall   Sidewall   Sams   Sag (mm)   Sag (					
Measured At Ring No.       Sag (mm)       Est 5%.         Percent Sag       Sidewall       N 6       Span @ R16 = 2721, 111mm. R24 = 2732, 122mm. R30 = 2655, 45mm.         Measured Span (mm)       2738       45mm.         Measured At Ring No.       8       4.9%         Percent Deflection       5       4.9%         Floor       N N       N         Bulge (mm)       No       No         Measured At Ring No.       Abrasion (Y/N)       No         Circumferential Seams       N 6       Separation (mm)       0         Longitudinal Seams       N 6       Total No. of Cracked Rings       0         Total No. of Rings with Two Cracked Seams       Min. Remaining Steel Between Cracks (mm)       No       No	Roof		N	6	Unable to measure due to ice.
Measured At Ring No.       Sag (mm)       Est 5%.         Percent Sag       Sidewall       N 6       Span @ R16 = 2721, 111mm. R24 = 2732, 122mm. R30 = 2655, 45mm.         Measured Span (mm)       2738       45mm.         Measured At Ring No.       8       4.9%         Percent Deflection       5       4.9%         Floor       N N       N         Bulge (mm)       No       No         Measured At Ring No.       Abrasion (Y/N)       No         Circumferential Seams       N 6       Separation (mm)       0         Longitudinal Seams       N 6       Total No. of Cracked Rings       0         Total No. of Rings with Two Cracked Seams       Min. Remaining Steel Between Cracks (mm)       No       No	Measured Rise (mm)				
N   6   Span @ R16 = 2721, 111mm. R24 = 2732, 122mm. R30 = 2655, 45mm.	Measured At Ring No.				
N   6   Span @ R16 = 2721, 111mm. R24 = 2732, 122mm. R30 = 2655, 45mm.					Fst 5%
Sidewall					
Measured Span (mm)       2738       45mm.         Measured At Ring No.       8       4.9%         Percent Deflection       5       4.9%         Floor       N N N Ice       Ice         Bulge (mm)       Measured At Ring No.       Abrasion (Y/N)         Abrasion (Y/N)       No       6         Separation (mm)       0       0         Longitudinal Seams       N 6       6         Total No. of Cracked Rings       0       0         Total No. of Rings with Two Cracked Seams       Cracked Seams       Min. Remaining Steel Between Cracks (mm)			N	6	Span @ R16 = 2721, 111mm. R24 = 2732, 122mm. R30 = 2655,
Measured At Ring No.       8         Deflection (mm)       128         Percent Deflection       5         Floor       N       N         Bulge (mm)       Ice         Measured At Ring No.       Abrasion (Y/N)         Abrasion (Y/N)       No         Circumferential Seams       N       6         Separation (mm)       0         Longitudinal Seams       N       6         Total No. of Cracked Rings       0         Total No. of Rings with Two Cracked Seams       Image: Cracked Seams         Min. Remaining Steel Between Cracks (mm)       Image: Cracked Seams	Measured Span (mm)	2738			45mm.
Percent Deflection 5 4.9%  Floor N N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) No  Circumferential Seams N 6 Separation (mm) 0 Longitudinal Seams N 6 Total No. of Cracked Rings 0 Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (mm)		8			
Floor N N N Ice  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)	Deflection (mm)	128			
Bulge (mm)  Measured At Ring No.  Abrasion (Y/N)  No  Circumferential Seams  N 6  Separation (mm)  Longitudinal Seams  N 6  Total No. of Cracked Rings  Total No. of Rings with Two Cracked Seams  Min. Remaining Steel Between Cracks (mm)	Percent Deflection	5			4.9%
Bulge (mm)  Measured At Ring No.  Abrasion (Y/N)  No  Circumferential Seams  N 6  Separation (mm)  Longitudinal Seams  N 6  Total No. of Cracked Rings  Total No. of Rings with Two Cracked Seams  Min. Remaining Steel Between Cracks (mm)	Floor		N	N	Ice
Measured At Ring No. Abrasion (Y/N) No  Circumferential Seams N 6 Separation (mm)  Longitudinal Seams N 6 Total No. of Cracked Rings Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (mm)					
Circumferential Seams  Separation (mm)  Longitudinal Seams  N 6  Total No. of Cracked Rings  Total No. of Rings with Two Cracked Seams  Min. Remaining Steel Between Cracks (mm)					
Circumferential Seams  Separation (mm)  Longitudinal Seams  N  Total No. of Cracked Rings  Total No. of Rings with Two Cracked Seams  Min. Remaining Steel Between Cracks (mm)		No			
Separation (mm) 0  Longitudinal Seams N 6  Total No. of Cracked Rings 0  Total No. of Rings with Two Cracked Seams  Min. Remaining Steel Between Cracks (mm)			N	6	
Longitudinal Seams  N 6  Total No. of Cracked Rings  Total No. of Rings with Two Cracked Seams  Min. Remaining Steel Between Cracks (mm)		0			
Total No. of Cracked Rings 0  Total No. of Rings with Two Cracked Seams  Min. Remaining Steel Between Cracks (mm)			N	6	
Total No. of Rings with Two Cracked Seams  Min. Remaining Steel Between Cracks (mm)		0			1
Min. Remaining Steel Between Cracks (mm)	Total No. of Rings with Two				
	Min. Remaining Steel				
Proper Lap (1/N) NO	` '	N <sub>1</sub> -			
Longitudinal Stanger (Y/N) Yes					-

		Brid	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 4, Secondary Span, Lo	cation Code: MAIN, S	Span (r	nm): 26	610, Rise (mm): 2877, Type: SPE)
Coating		N	5	Corrosion/scaling from waterline down.
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		Х	Х	
(Type:)				
Waterway Adequacy		7	7	
Icing (Y/N)	No			Minor.
Silting (Y/N)	No			
Drift (Y/N)	Yes			
Barrel General Rating		N	6	
		D	ownstr	ream End
<b>Culvert Component</b>		Last	Now	Explanation of Condition
(Pipe #: 4, Span Type: Second	ary Span)			
Direction		W		South pipe.
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	X	
Collar		Х	Х	
Wingwalls		Х	Х	
(Shape: )				
Cutoff Wall		Х	Х	
Bevel End		6	6	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	300		_	
Scour Protection		6	N	Snow covered.
(Type: RIP RAP)				
(Avg. Rock Size(mm): 300)				
Scour/Erosion		6	N	Snow covered.
Beavers (Y/N)	No			
Downstream End General Ratio	ng	6	6	
		S	Structu	re Usage
		Last		Explanation of Condition
Channel (U/S and D/S)				
Alignment		7	7	
Bank Stability		7	7	
HWM (m below Top of Culvert)				HWM not visible.
Drift (Y/N)	Yes			

Structure Usage									
		Last	Now	Explanation of Condition					
Channel Bottom Degrading/Aggrading				Unknown.					
Beavers (Y/N)	Yes								
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating			7						

		Mainten	nance Recommend	ations					
Inspector Recommendations	Year	Inspector Comments		Department Comm	ents		Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS									
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION	2013	Remove beaver dam from p	pipe 2.						
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 (%)	ow) 55.6/66	Sufficiency Ratin	g (Last/Now) 5	4.7/60.2	Est. Repl. Yr	2028	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection				Department Comments					
Maintenance Reviewed By				Date		Е	stimated Total	1 0	
Proposed Long-Term Strategy									
On 3-Year Program (Y/N)									
Proposed Action									
Previous Inspector's Name	Owen Salava		Previous A	Assistant's Name					
Next Inspection Date	20-Nov-2014		Previous I	nspection Date	11-Jul-2011				
Inspection Cycle (Default) (months)	21								
Comment									