					Brida	e Culve	ert Inspe	ction					
Bridge File Nur	mber	74365 -1	Bridge Culve		Bildg	C CUIV	Form Ty			CULM			
Year Built		1954					Lot No.		2				
Bridge or Towr	n Name		STLF				Inspector Name		Wade Nanninga				
Located Over							Inspector Class			BR CLS A			
		8.11.84.	55, WATERCR	S-ST			Assistant Name		DICOLO A				
Located On		22:30 C	1 42.139				Assistant Class						
Water Body CI	./Year						Inspection Date		30-Sep-2011				
Navigabil. Cl./\	⁄ear						Data Entry By			Theresa Lacusta			
Legal Land Loc	cation	SW SEC	9 TWP 52 RG	SE 7 W5M				try Date		26-Oct-2011			
Longitude, Lati	itude	-114:59:	03, 53:28:15					er Name		Eric Carcoux			
Road Authority	<u>'</u>	Alberta -	Transportation	(AIT)			Review	Date		25-Oct-2011			
Contract Main.	Area	CMA12			Dept. Reviewer Name		Brent Herrick						
Clear Roadway	y/Skew	11 / -15	deg. (LHF)				Dept. Review Date		14-Nov-2011				
AADT/Year		3,100 / 2	/ 2010 (A)				Follow-l						
Road Classification RAU-21		1.8-110				- Show Op By							
Detour Length	(km)	3											
Bridge Culver	t Inform	ation											
Number of Cul	verts	2				1				I			
Pipe #	Barrel		Span Rise (or Dia.)		Туре		Length		Corr. Profile	PI./Slab Thickness	Shape		
1	MAIN	-		1525		MP	36.6			68X13	3.0	ROUND	
2	MAIN	-		800		WP		36.6				ROUND	
Special Feature	es												
Special Feature	es Com	ment											
·													
					Uti	ilities (L	Located a	at)					
Utility Attachme	ents								ı				
Telephone							Gas						
Power	5 wire	s 25m fro	om c/l, East r/w	'-			Municip						
Others							Problem	n (Y/N)	No				
Remarks	File ta	ag @ Wes	st end.										
							d / Emba						
					Last	Now		ation of					
Horizontal Alig					8	8	Vertical	curves t	ooth si	des with limited	sight distance		
Vertical Alignm					6	6							
Roadway Widt	h (m)		11.300										
Embankment				6	5	1:1 just over 1500 mm			pipe both ends. No problem.				
Sideslope (_	:1)		2.5			_	1						
(Height of Co		: 3)											
Guardrail (Y/N)		,	Yes				West side only.						
Approach Roa	ad / Emi	bankmen	t General Rat	ing	6	6							
							om Frei						
Culvert Comp	onent				Last	Now	eam End Explana	ation of	Condi	tion			
(Pipe # : 1, Sp		e· Primar	ry Snan\		Lasi	INOW	LAPIAN	ation of	Condi	uon			
Direction	an ryp	o. i iiiiai	y Opani)		E		North pi	no					
End Treatment	t (Concr	ete, Steel	, STEEL				INOITH PI	pe.					
Others, None) Headwall					X	Х							
Collar					X	X							
Wingwalls					X	X							
(Shape:)													

			Unetro	am End
Culvert Component				Explanation of Condition
(Pipe # : 1, Span Type: Primary	(Snan)	Lasi	INOW	Explanation of Condition
Cutoff Wall	/ Spail)		X	
Cuton wan		X	_ ^	
Bevel End		3	3	Excessive heaving. Wire to stop beavers, attached to U/S end. One side of the bevel is not attached to the barrel and is dented in.
Heaving (mm)	400			side of the bevel is not attached to the barrel and is dented in.
Invert Above/Below Stream Bed	ABOVE			
Above/Below (mm)	1300			
Scour Protection		4	4	1:1 slope over 1500mm pipe.
(Type : NONE)				
(Avg. Rock Size(mm):)				
Scour/Erosion		4	4	6m wide x 0.5m deep x 10m long scour.
	I			-
Beavers (Y/N)	Yes			
Upstream End General Rating		3	3	
		Brid	dae Cu	lvert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa			, Rise (mm): 1525, Type: MP)
Barrel Last Accessible Date	30-Sep-2011	<u> </u>	<i></i>	North pipe.
				2.5 6.1.5
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		4	4	A
Measured Rise (mm)	1395			At centerline.
Measured At Ring No.				
Sag (mm)	130			
Percent Sag	9			
Sidewall		3	4	
Measured Span (mm)	1675			At centerline.
Measured At Ring No.				
Deflection (mm)	150			
Percent Deflection	10			
Floor		5	5	
Bulge (mm)	50			
Measured At Ring No.	2			
Abrasion (Y/N)	No			
Circumferential Seams		4	3	Infiltration at one seam at mid span and another 5m from inlet.
Separation (mm)	80			1
Longitudinal Seams		6	6	Riveted seams.
Total No. of Cracked Rings	0			
Total No. of Rings with Two	-			
Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)	Yes			
Longitudinal Stagger (Y/N)	Yes			
Coating		4	4	Superficial rust on floor. Bolt holes rusted, some water corrosion. Soil
Corrosion By Soil (Y/N)	Yes			side corrosion perforated coupler.
Corrosion By Water (Y/N)	Yes			

74365 -1 Bridge Culvert

		Bri	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN, Spa	an (mm	1):	, Rise (mm): 1525, Type: MP)
Camber POS/ZERO/NEG	NEG			
Ponding (Y/N)	No			
Fish Passage Adequacy		4	4	Pipe above streambed. Approximately 1m.
Baffle		X	Х	
(Type:)				
Waterway Adequacy		7	7	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		3	4	
				ream End
Culvert Component	0	Last	Now	Explanation of Condition
(Pipe # : 1, Span Type: Primary	/ Span)	1,4,		late at the second seco
Direction	OTEEL	W		North pipe.
End Treatment (Concrete, Steel, Others, None)	SIEEL			
Headwall		Х	Х	
Collar	Collar		Х	
Wingwalls		Х	Х	
(Shape:)				
Cutoff Wall		Х	X	
Bevel End		4	4	Erosion under bevel.
Heaving (mm)	100			Bevel unsupported for 2m.
Invert Above/Below Stream Bed	ABOVE			
Above/Below (mm)	1000			
Scour Protection		4	4	Insufficient rock.
(Type : NONE)				
(Avg. Rock Size(mm):)		1		
Scour/Erosion		4	4	Scour hole off end, 1 x 2 x 4.0m long, end is being undercut. Approx 1m outfall.
Beavers (Y/N)	No			
Downstream End General Ratio	ng	4	4	
			Unstre	am End
Culvert Component		Last		Explanation of Condition
(Pipe # : 2, Span Type: Second	lary Span)			
Direction	· · ·	Е		South pipe.
End Treatment (Concrete, Steel, Others, None)	NONE			Wood culvert.
Headwall		Х	Х	
Collar		Х	Х	
Wingwalls		X	Х	
(Shape:)				
Cutoff Wall		X	X	

74365 -1 Bridge Culvert

Last Now Explanation of Condition Pippe #: 2, Span Type: Secondary Span				Upstre	eam End
Bewell End	Culvert Component		Last	Now	Explanation of Condition
Heaving (mm)	(Pipe # : 2, Span Type: Second	lary Span)			
Invert Above/Below (mm)	Bevel End		X	X	Steel end detached 5m upstream.
Above/Below (mm) 100	Heaving (mm)	0			
Scour Protection 4	Invert Above/Below Stream Bed	BELOW			
Crype : NONE	Above/Below (mm)	100			
Avg. Rock Size(mm) :)	Scour Protection		4	4	
Scour/Erosion 4	(Type : NONE)				
Beavers (Y/N) Upstream End General Rating Bridge Culvert Barrel Last Now Explanation of Condition (Pipe # 2, Secondary Span, Location Code: MAIN, Span (mm): Rise (mm): 800, Type: WP) Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Roof N N N Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidowall N N N Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor N N N Budge (mm) Measured At Ring No. Corrosion By Soil (Y/N) Coarting Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Corrosion By Water (Y/N) Wester (Y/N) Pinse (mm): Ration Advance Ration Explanation of Condition Rise (mm):	(Avg. Rock Size(mm):)				
Upstream End General Rating Bridge Culvert Component (Pipe #: 2, Secondary Span, Location Code: MAIN, Span (mm): Rise (mm): 800, Type: WP) Barrel Last Accessible Date Barrel Last Accessible Date Barrel too small to access. Viewed from ends, shape looks good. Special Features Special Feature (Type:) Special Feature (Type:) Special Feature (Type:) Roof NNN Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall NMeasured At Ring No. Deflection (mm) Percent Deflection Floor NNN Measured At Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) Longitudinal Seams NNN 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) Coarrosion By Water (Y/N) Corrosion By Water (Y/N) Corrosion By Water (Y/N) Corrosion By Water (Y/N)	Scour/Erosion		4	4	4m x 5m x 1m deep scour hole.
Culvert Component (Pipe # : 2, Secondary Span, Location Code: MAIN, Span (mm): Rise (mm): 800, Type: WP) Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Special Feature (Type :) Roof N N N Measured At Ring No. Sag (mm) Percent Sag Sidewall N Measured At Ring No. Deflection (mm) Percent Deflection Floor N N N Suluge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) Longitudinal Saams N N N N Total No. of Cracked Rings Min. Remaining Steel Between Cracks (mm) Longitudinal Stagger (Y/N) Longitudinal Stagger (Y/N) Longitudinal Stagger (Y/N) Coarrosion By Water (Y/N) Corrosion By Water (Y/N) Corrosion By Water (Y/N) Corrosion By Water (Y/N) Corrosion By Water (Y/N)	Beavers (Y/N)	No			
Culvert Component (Pipe # : 2, Secondary Span, Location Code: MAIN, Span (mm): Rise (mm): 800, Type: WP) Barrel Last Accessible Date Barrel too small to access. Viewed from ends, shape looks good. Special Feature (Type :) N N Measured Rise (mm) N Measured At Ring No. N Deflection (mm) N Heavend At Ring No. N Abrasion (YN) N Circumferential Seams N N N Total No. of Rin	Upstream End General Rating		4	4	
Culvert Component (Pipe # : 2, Secondary Span, Location Code: MAIN, Span (mm): Rise (mm): 800, Type: WP) Barrel Last Accessible Date Barrel too small to access. Viewed from ends, shape looks good. Special Feature (Type :) N N Measured Rise (mm) N Measured At Ring No. N Deflection (mm) N Heavend At Ring No. N Abrasion (YN) N Circumferential Seams N N N Total No. of Rin			Bri	dge Cu	livert Barrel
Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Special Feature (Type :) Special Feature (Type :) Roof N Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall N Measured Span (mm) Measured At Ring No. Deffection (mm) Percent Deflection Floor N N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams N N 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) Coarting Coarting N N N Corrosion By Soil (Y/N)	Culvert Component		Last	Now	Explanation of Condition
Special Feature (Type :) Special Feature (Type :) Special Feature (Type :) Roof N N N Measured Rise (mm) N N N Measured Rise (mm) N N N Measured At Ring No. Sidewall Measured At Ring No. N N N Deflection (mm) Percent Deflection Floor N N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) N N Longitudinal Seams N N N Total No. of Rings with Two Cracked Seams Cracked Seams Min. Remaining Steel Between Cracks (mm) Between Cracks (mm) Proper Lap (Y/N) Longitudinal Stagger (Y/N) Coating N N N Corrosion By Soil (Y/N) N N N	(Pipe #: 2, Secondary Span, Lo	cation Code: MAIN, S	Span (ı	mm):	, Rise (mm): 800, Type: WP)
Special Feature	Barrel Last Accessible Date				Barrel too small to access. Viewed from ends, shape looks good.
Type : Special Feature	Special Features				
Special Feature (Type :)					
Type :) Roof	(Type:)				
Roof	Special Feature				
Roof	(Type:)				
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 N N N Separation (mm) Longitudinal Seams N N N 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 Water (Y/N)	Roof		N	N	
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 N N N 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 N N N Corrosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Soil (Y/N)	Measured Rise (mm)				
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 N N N 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 N N N Corrosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Soil (Y/N)	Measured At Ring No.				
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 N N Separation (mm) Longitudinal Seams N N 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 Soil (Y/N) Corrosion By Soil (Y/N)					
Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Ruge (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 N Corrosion By Soil (Y/N) Corrosion By Water (Y/N)	Percent Sag				
Measured At Ring No. Deflection (mm) Percent Deflection Floor N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams N N Separation (mm) Longitudinal Seams N N 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)	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 N N Separation (mm) Longitudinal Seams N N 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)	Measured Span (mm)				
Deflection (mm) Percent Deflection Floor N N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams N N Separation (mm) Longitudinal Seams N N 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)					
Floor N N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams N N Separation (mm) Longitudinal Seams N N 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)					
Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams N N Separation (mm) Longitudinal Seams N N 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)					
Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams N N Separation (mm) Longitudinal Seams N N 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)	Floor		N	N	
Measured At Ring No. Abrasion (Y/N) Circumferential Seams Separation (mm) Longitudinal Seams N N 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)					
Abrasion (Y/N) Circumferential Seams N N Separation (mm) Longitudinal Seams N N 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)					
Separation (mm) Longitudinal Seams N N 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)					
Longitudinal Seams N N 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)	Circumferential Seams		N	N	
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)	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)	Longitudinal Seams		N	N	
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)				_	
Between Cracks (mm) Proper Lap (Y/N) Longitudinal Stagger (Y/N) Coating N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N)	Total No. of Rings with Two Cracked Seams				
Proper Lap (Y/N) Longitudinal Stagger (Y/N) Coating N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N)	Min. Remaining Steel				
Longitudinal Stagger (Y/N) Coating N Corrosion By Soil (Y/N) Corrosion By Water (Y/N)	` '				
Coating N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N)					
Corrosion By Soil (Y/N) Corrosion By Water (Y/N)			N	N	
Corrosion By Water (Y/N)					1
					1

74365 -1 Bridge Culvert

		Brid	dge Cu	Ivert Barrel				
Culvert Component			Now	Explanation of Condition				
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, S	pan (r	nm):	, Rise (mm): 800, Type: WP)				
Ponding (Y/N)	No							
Fish Passage Adequacy		6	6					
Baffle		Х	Х					
(Type:)								
Waterway Adequacy		6	6					
Icing (Y/N)	No							
Silting (Y/N)	No							
Drift (Y/N)	No							
Barrel General Rating		N	N					
		D	ownstr	ream End				
Culvert Component				Explanation of Condition				
(Pipe # : 2, Span Type: Second	ary Span)		111111	1—F				
Direction	,	W						
End Treatment (Concrete, Steel, Others, None)	NONE							
Headwall		Х	Х					
Collar		Х	Х					
Wingwalls		Х	Х					
(Shape:)								
Cutoff Wall		Х	Х					
Bevel End		Х	X					
Heaving (mm)	0							
Invert Above/Below Stream Bed	BELOW							
Above/Below (mm)	50							
Scour Protection		4	4	Protrudes from sideslope 3m.				
(Type : NONE)								
(Avg. Rock Size(mm):)		I						
Scour/Erosion		4	4	10m long x 1m deep x 3m wide scour hole.				
Beavers (Y/N)	No							
Downstream End General Ratio	ng	4	4					
		S	tructu	re Usage				
		Last	Now	Explanation of Condition				
Channel (U/S and D/S)		1						
Alignment		5	5	90 degree bend D/S.				
Bank Stability		5	5	1m vertical slopes downstream.				
HWM (m below Top of Culvert)				No HWM visible.				
Drift (Y/N)	Yes							
Channel Bottom Degrading/Aggrading	DEGRADING							
Beavers (Y/N)	Yes							
(Fish Compensation Measure 1 :	·							
(Fish Compensation Measure 2 :	NUNE)	5	5					
Channel General Rating		J	J					

				Maintenance	Recommen	dations					
Inspector Recommendations	Ye	ar Ir	nspector Comm	nents		Department Cor	mments		Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS											
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
INSTALL CONCRETE/STEEL LININ	3										
INSTALL STRUTS											
INSTALL CONCRETE COLLAR/CUT	OFF										
REPAIR SEAMS											
OTHER ACTION		11 R	Remove the U/S	S bevel @ 1500 pi	pe.						
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/I (%)	low) 33.	33.3/44.4 Sufficiency R (%)		iency Rating (Las	st/Now)	36.9/42.0	Est. Repl. Yr	2014	Maint. Re	qd. (Y/N)	Yes
Special Monitor upstream Comments for Next Inspection	and sownstre	eam sco	our.			Department Comments					
Maintenance Reviewed By						Date		E	stimated Tota	I 0	
Proposed Long-Term Strategy											
On 2 Vaca Dragger (V/N)											
On 3-Year Program (Y/N)											
Proposed Action Previous Inspector's Name	Kris Boste	ers			Previous	Assistant's Name	Sara Wadlow				
Proposed Action	Kris Boste						Sara Wadlow 05-Nov-2009				
Proposed Action Previous Inspector's Name						Assistant's Name Inspection Date					