Bridge Culvert Inspection													
Bridge File Nur	nber	75605	-1 Bridge Culve	rt			Form T			CULE			
Year Built		1963					Lot No	• •		2			
Bridge or Town	Name	EDSON						tor Name		Todd Warshawski			
Located Over			ANCE CREEK, 8	3.11.107.	30,		Inspector Class		BR CLS B				
		WATER	TERCRS-ST				· ·	nt Name					
Located On		16:04 L	L1 40.935;16:04 R1 41.858				Assista	nt Class					
Water Body Cl.	/Year							ion Date		09-Aug-2012			
Navigabil. Cl./Y	'ear						Data E			Theresa Lacus	sta		
Legal Land Loc		SW SE	C 14 TWP 53 R	GE 19 W	/5M			ntry Date		21-Aug-2012			
Longitude, Lati	tude	-116:41	:31, 53:34:17					er Name		Eric Carcoux			
Road Authority		Alberta	Transportation	(AIT)			Review	/ Date		21-Aug-2012			
Contract Main.	Area	CMA13	3				Dept. F	Reviewer	Name	Brent Herrick			
Clear Roadway	//Skew	24.8 / -	14 deg. (LHF)					Review Da		22-Aug-2012			
AADT/Year		6,080 /	2011 (A)				Follow			3			
Road Classifica	Road Classification RAD-412.4-1							-1)					
Detour Length (km) 1													
Bridge Culver	t Inform	ation											
Number of Culv	verts		2					ı		I			
Pipe #	# Barrel		Span	Rise (or Dia.)		Туре		Length		Corr. Profile	PI./Slab Thickness	Shape	
1	U/S		-	3670		SP		52.4		152X51	2.8	ROUND	
1	MAIN		- 3050			SP		54.3		152X51	2.8	ROUND	
2	U/S		- 3670			SP		52.4		152X51	2.8	ROUND	
2	MAIN		-	3050		SP		48.2		152X51	2.8	ROUND	
Special Feature	Special Features BARREL ELBOW			W									
Utility Attachments Telephone Buried North r/w. Power 3 wires O/H North r/w.			Uti	lities (L	Gas Munici								
Others							Problem (Y/N) No						
Remarks	BF tag	g on SW	' headwall										
				A	oproac	h Road	l / Emb	ankment					
					Last	Now	Explan	ation of	Condi	tion			
Horizontal Aligi	nment				8	8	Crest to East.						
Vertical Alignm	ent				7	7							
Roadway Widtl	n (m)		24.800					2.3m; EB in ACP o					
Embankment					7	4	Scour along SE ditch		ditch	drain over inlet.			
Sideslope (_:1)		3.0	3.0			CSP drain is not worki			ng.			
(Height of Co	ver(m)	: 3)											
Guardrail (Y/N)	1		Yes				1 side EB, 1 side WB.						
Approach Roa	d / Eml	bankme	nt General Rat	ing	7	7							
						Upstre	am End						
Culvert Comp	onent				Last			ation of	Condi	tion			
(Pipe #: 1, Sp	an Typ	e: Prima	ary Span)										
Direction					S		West p	ipe.					
End Treatment Others, None)	(Concre	ete, Stee	el, CONCRETE										
Headwall					7	7	Severa	l narrow	cracks.				
Collar					7	7	Several narrow cracks.						

75605 -1 Bridge Culvert

			Llmotro	om End
Culvert Component		Loct		Explanation of Condition
	(Snon)	Last	NOW	Explanation of Condition
(Pipe # : 1, Span Type: Primary	y Spail)	X	V	
Wingwalls		X	X	
(Shape :)		N.	l NI	Linday water/singer
Cutoff Wall		N	N	Under water/riprap
Bevel End		7	7	Drift pile access inlet.
Heaving (mm)	100			1 '
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	300			
Scour Protection		7	7	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		7	7	
	1			
Beavers (Y/N)	No			
Upstream End General Rating		7	7	
		- Pri	dao Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: U/S. Span			Rise (mm): 3670, Type: SP)
Barrel Last Accessible Date	27-Sep-2010	\ <u>/</u> .	•	West pipe.
Darrel Last Accessible Date	27-06p-2010			U/S section.
				Not accessible due to water level.s
Special Features				
Special Feature				Barrel elbow is in 3670 sectionSep, 2010
(Type:)				
Special Feature				
(Type:)			_	
Roof	1	7	N	Rocks and debris on floor. Could not measure. Roof sag est at less
Measured Rise (mm)	3745			than 5%-Sep 2010
Measured At Ring No.				(Also est 2% sag. 15/Oct/2003)
Sag (mm)	75			
Percent Sag	2			
Sidewall		7	N	
Measured Span (mm)	3688			
Measured At Ring No.	7			
Deflection (mm)	18			
Percent Deflection	0			
Floor		N	N	Under water. Rocks and debris on floorSep 2010
Bulge (mm)	0			
Measured At Ring No.				
Abrasion (Y/N)	Yes			
Circumferential Seams		6	N	
Separation (mm)	0			
Longitudinal Seams		6	N	Springs or piping along barrel resulting in water squirting into pipe on
Total No. of Cracked Rings	0			lower half of pipeSep, 2010
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)	Yes			
Longitudinal Stagger (Y/N)	Yes			

		Brid	dae Cu	Ivert Barrel
Culvert Component				Explanation of Condition
(Pipe # : 1, Primary Span, Loc	ation Code: U/S. Span			Rise (mm): 3670, Type: SP)
Coating	, <u>, , , , , , , , , , , , , , , , , , </u>	5	N	
Corrosion By Soil (Y/N)	Yes			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
	140			
Fish Passage Adequacy		5	5	
Baffle		Х	X	
(Type:)				
Waterway Adequacy		7	6	
Icing (Y/N)	No			Large drift at inlet
Silting (Y/N) No				Largo ant at mot
Drift (Y/N)	Yes			
Barrel Extension General Rati	ing	7	N	PRevious rating from Sep 2010 was '7'
		Brio	dge Cu	Ivert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loc	ation Code: MAIN, Spa	n (mm):	, Rise (mm): 3050, Type: SP)
Barrel Last Accessible Date	27-Sep-2010			West pipe. D/S section
Special Features				
Special Feature		7	N	Barrel elbow is in 3670 section-Sep 2010
(Type : BARREL ELBOW)				
Special Feature				
(Type:)				
Roof		5	N	Rocks and debris on floor. Sag est at 7%. Some flattening of roof
Measured Rise (mm)	2857			apparent at d/s sections Sep, 2010
Measured At Ring No.				
Sag (mm)	193			
Percent Sag	6			
Sidewall	-	5	N	
Measured Span (mm)	3248			
Measured At Ring No.	18			
Deflection (mm)	198			
Percent Deflection	7			
Floor	,	N	N	Rocks and debris on floorSep, 2010
Bulge (mm)	0	IN	IN	וויסטוים מווע עבטוים טוו ווטטוסבף, בטויט
Measured At Ring No.	U			
Abrasion (Y/N)	Yes			
Circumferential Seams	1 53	6	N	
Separation (mm)		U	IN	
Longitudinal Seams		6	N.	Soonago along soom, Son, 2010
	0	6	N	Seepage along seamSep, 2010
Total No. of Cracked Rings Total No. of Rings with Two	0			-
Cracked Seams Min. Remaining Steel				2N stagger.
Between Cracks (mm)	.,			
Proper Lap (Y/N)	Yes			
Longitudinal Stagger (Y/N)	Yes			

		Brid	ige Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm):	, Rise (mm): 3050, Type: SP)
Coating		5	N	Corrosion with pitting on lower 1/4Sep, 2010
Corrosion By Soil (Y/N)	Yes			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		5	5	Hanging outlet, 500mm above S.B.
Baffle		Х	Х	
(Type:)				
Waterway Adequacy		7	6	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	Yes			
Barrel General Rating		5	N	Previous rating from Sep, 2010 was '5'.
		D	ownstr	ream End
Culvert Component		Last		Explanation of Condition
(Pipe # : 1, Span Type: Primary	/ Span)	Luot	11011	
Direction	Opan	N		West pipe
End Treatment (Concrete, Steel, Others, None)	STEEL			γνουτριρο
Headwall		Х	Х	
Collar		Х	Х	
Wingwalls		Х	Х	
(Shape:)				
Cutoff Wall		Х	Х	
Bevel End		5	5	
Heaving (mm)	300			
Invert Above/Below Stream Bed	ABOVE			
Above/Below (mm)	500			
Scour Protection		4	4	Loss of fill along bevel.
(Type: RIP RAP)				
(Avg. Rock Size(mm): 300)				
Scour/Erosion		4	4	Erosion 0.5 x 0.5 x 2.0m along both sides of bevel.
Beavers (Y/N)	No			
Downstream End General Ratio	ng	4	4	
			Upstre	am End
Culvert Component		1		Explanation of Condition
(Pipe # : 2, Span Type: Second	ary Span)			
Direction		S		East pipe.
End Treatment (Concrete, Steel, Others, None)	CONCRETE			
Headwall		7	7	Several narrow cracks.
Collar		7	7	Several narrow cracks.

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Culvert Component Last Now Explanation of Condition				Upstre	am End
Wingwalls	Culvert Component		Last	Now	Explanation of Condition
Shape : Cutoff Wall	(Pipe # : 2, Span Type: Second	lary Span)			
Bavel End	Wingwalls		X	X	
Beval End	(Shape :)				
Heaving (mm)	Cutoff Wall		N	N	Under water/rock
Invert Above/Below Stream Bed	Bevel End		7	7	Drift pile access inlet.
Above/Below (mm) 300 7	Heaving (mm)	100			
Scour Protection 7	Invert Above/Below Stream Bed	BELOW			
(Type : RIP RAP) (Avg. Rock Size(mm) : 300) ScountFrosion 7 7	Above/Below (mm)	300			
Avg. Rock Size(mm) : 300) ScourForsion 7 7	Scour Protection		7	7	Riprap is 600mm above invert in bevel.
Scour/Erosion	(Type : RIP RAP)				
Beavers (Y/N)	(Avg. Rock Size(mm) : 300)				
Upstream End General Rating 7 7 Britige Culvert Earrel Last Now Explanation of Condition (Pipe # : 2, Secondary Span, Location Code: U/S, Span (mm): Rarrel Last Accessible Date 27-Sep-2010 Barrel Last Accessible Date 27-Sep-2010 Special Features Special Feature (Type :) Special Feature (Type	Scour/Erosion		7	7	
Bridge Culvert Barrel Culvert Component (Pipe #: 2, Secondary Span, Location Code: U/S, Span (mm): Barrel Last Accessible Date 27-Sep-2010 Special Feature (Type :) Special Feature (Type :) Special Feature (Type :) Roof 7 N Sag est @ 0%-Sep, 2010 Measured Rise (mm) Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall 7 N Measured Span (mm) Measured At Ring No. 6 Deflection (mm) Percent Deflection Percent Deflection Floor N N N Covered with rockSep, 2010 Bulge (mm) Measured At Ring No. Abrasion (Y/N) No Circumferential Seams Separation (mm) Circumferential Seams Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Yes	Beavers (Y/N)	No			
Culvert Component (Pipe # : 2, Secondary Span, Location Code: U/S, Span (mm): Rise (mm): 3670, Type: SP) Barrel Last Accessible Date 27-Sep-2010 Explanation of Condition , Rise (mm): 3870, Type: SP) Special FeatureS Special Feature (Type:) Special Feature (Type:) Special Feature (Type:) Roof 7 N Sag est @ 0%-Sep, 2010 Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall 7 N Measured At Ring No. 6 Deflection (mm) Measured At Ring No. 6 Oeflection (mm) Percent Deflection N N Covered with rockSep, 2010 Bulge (mm) No Covered with rockSep, 2010 Circumferential Seams 6 N N Separation (mm) 40 No Longitudinal Seams 6 N N Total No. of Cracked Rings No Water squirting in thru seamsSep, 2010 Total No. of Rings with Two Cracked Seams Cracked Seams Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Yes Yes	Upstream End General Rating		7	7	
Culvert Component (Pipe # : 2, Secondary Span, Location Code: U/S, Span (mm): Rise (mm): 3670, Type: SP) Barrel Last Accessible Date 27-Sep-2010 Explanation of Condition , Rise (mm): 3870, Type: SP) Special FeatureS Special Feature (Type:) Special Feature (Type:) Special Feature (Type:) Roof 7 N Sag est @ 0%-Sep, 2010 Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall 7 N Measured At Ring No. 6 Deflection (mm) Measured At Ring No. 6 Oeflection (mm) Percent Deflection N N Covered with rockSep, 2010 Bulge (mm) No Covered with rockSep, 2010 Circumferential Seams 6 N N Separation (mm) 40 No Longitudinal Seams 6 N N Total No. of Cracked Rings No Water squirting in thru seamsSep, 2010 Total No. of Rings with Two Cracked Seams Cracked Seams Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Yes Yes			Brid	dae Cu	lvert Barrel
Pipe # : 2, Secondary Span, Location Code: U/S, Span (mm):	Culvert Component			T	
East pipe. U/S section Not accessible due to water level.	-	cation Code: U/S, Sp			· · ·
Special Feature (Type :) Special Feature (Type :) Special Feature (Type :) Roof 7 N Sag est @ 0%-Sep, 2010 Measured Rise (mm) Measured At Ring No. Sag (mm) Sag (mm) N N Measured Span (mm) 3660 Measured At Ring No. 6 Deflection (mm) 10 Deflection (mm) 10 Percent Deflection N N Covered with rockSep, 2010 Bulge (mm) N N Covered with rockSep, 2010 Circumferential Seams 6 N N Separation (mm) N Longitudinal Seams 6 N N Water squirting in thru seamsSep, 2010 Total No. of Cracked Rings Total No. of Rings with Two Cracked Seams N N N Min. Remaining Steel Between Cracks (mm) N N N N N Proper Lap (Y/N) Yes Yes N N N N N N N N N N N N			,	,	East pipe. U/S section
Special Feature (Type :) Special Feature (Type :) Special Feature (Type :)	Special Features				
Type : Special Feature					
Special Feature (Type :)					
Type :) Roof					
Roof	·				
Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall 7 N Measured Span (mm) 3660 Measured At Ring No. 6 Deflection (mm) 10 Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N) No Circumferential Seams 6 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) Yes			7	N	Sag est @ 0%-Sep. 2010
Measured At Ring No. Sag (mm) Percent Sag Sidewall 7 N Measured Span (mm) 3660 Measured At Ring No. 6 Deflection (mm) 10 Percent Deflection Floor N N Covered with rockSep, 2010 Bulge (mm) Measured At Ring No. Abrasion (Y/N) No Circumferential Seams 6 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) Yes					
Sag (mm) Percent Sag Sidewall 7 N Measured Span (mm) 3660 Measured At Ring No. 6 Deflection (mm) 10 Percent Deflection Floor Rulge (mm) Measured At Ring No. Abrasion (Y/N) No Circumferential Seams 6 N Separation (mm) Longitudinal Seams 6 N Total No. of Cracked Rings Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Yes					
Percent Sag Sidewall 7 N Measured Span (mm) 3660 Measured At Ring No. 6 Deflection (mm) 10 Percent Deflection Floor N N N Covered with rockSep, 2010 Bulge (mm) Measured At Ring No. Abrasion (Y/N) No Circumferential Seams 6 N Separation (mm) Longitudinal Seams 6 N Total No. of Cracked Rings Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Yes					
Measured Span (mm) 3660 Measured At Ring No. 6 Deflection (mm) 10 Percent Deflection Floor N N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) No Circumferential Seams 6 N Separation (mm) Longitudinal Seams 6 N Total No. of Cracked Rings Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Yes					
Measured Span (mm) 3660 Measured At Ring No. 6 Deflection (mm) 10 Percent Deflection Floor N N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) No Circumferential Seams 6 N Separation (mm) Longitudinal Seams 6 N Total No. of Cracked Rings Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Yes			7	N	
Measured At Ring No. 6 Deflection (mm) 10 Percent Deflection Floor N N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) No Circumferential Seams 6 N Separation (mm) Longitudinal Seams 6 N Total No. of Cracked Rings Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Yes		3660			
Deflection (mm) 10 Percent Deflection Floor N N N Bulge (mm) Measured At Ring No. Abrasion (Y/N) No Circumferential Seams 6 N Separation (mm) Longitudinal Seams 6 N Water squirting in thru seamsSep, 2010 Total No. of Cracked Rings Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Yes					
Percent Deflection Floor 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) Proper Lap (Y/N) Yes		10			
Floor 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) Proper Lap (Y/N) Covered with rockSep, 2010 Water squirting in thru seamsSep, 2010					
Bulge (mm) Measured At Ring No. Abrasion (Y/N) No 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) Yes			N	N	Covered with rockSep. 2010
Measured At Ring No. Abrasion (Y/N) No Circumferential Seams 6 N Separation (mm) Longitudinal Seams 6 N Water squirting in thru seamsSep, 2010 Total No. of Cracked Rings Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Yes					
Abrasion (Y/N) No Circumferential Seams 6 N Separation (mm) Longitudinal Seams 6 N Total No. of Cracked Rings Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Yes					
Circumferential Seams Separation (mm) Longitudinal Seams 6 N Water squirting in thru seamsSep, 2010 Total No. of Cracked Rings Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Yes		No			
Separation (mm) Longitudinal Seams 6 N Total No. of Cracked Rings Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Yes			6	N	
Longitudinal Seams 6 N Water squirting in thru seamsSep, 2010 Total No. of Cracked Rings Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Yes					
Total No. of Cracked Rings Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Yes			6	N	Water squirting in thru seamsSep. 2010
Total No. of Rings with Two Cracked Seams Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Yes					
Min. Remaining Steel Between Cracks (mm) Proper Lap (Y/N) Yes	Total No. of Rings with Two				
Proper Lap (Y/N) Yes	Min. Remaining Steel				
	` ,	Vac			
	Longitudinal Stagger (Y/N)	Yes			

		Brid	dao Cu	Ilvert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 2, Secondary Span, L	ocation Code: U/S			, Rise (mm): 3670, Type: SP)
Coating	ocation oode: 0/0	5	N N	Pitting rust on lower 1/4Sep, 2010
Corrosion By Soil (Y/N)	Yes	J 3	IN	Tritting rust of lower 1/43ep, 2010
Corrosion By Water (Y/N)	Yes			_
Camber POS/ZERO/NEG	ZERO			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		5	5	
Baffle		Х	Х	
(Type:)				
Waterway Adequacy		7	6	
Icing (Y/N)	No			
Silting (Y/N) No				Drift pile at inlet.
Drift (Y/N) Yes				
Barrel Extension General Rat	ing	6	N	Previous rating was '6' Sep, 2010.
		Brid	dge Cu	ilvert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe #: 2, Secondary Span, L	ocation Code: MAI	N, Span (r	nm):	, Rise (mm): 3050, Type: SP)
Barrel Last Accessible Date	27-Sep-2010			East pipe. D/S section
Special Features				
Special Feature		7	N	Elbow is on 3670 section-Sep, 2010
(Type : BARREL ELBOW)				
Special Feature				
(Type:)				
Roof		6	N	
Measured Rise (mm)	2849			
Measured At Ring No.	5			
Sag (mm)	201			
Percent Sag	7			
Sidewall		6	N	
Measured Span (mm)	3216			-
Measured At Ring No.	5			
Deflection (mm)	166			
Percent Deflection	5			
Floor	1	N	N	Under water and rock.
Bulge (mm)		IV	1.4	Onder water and rook.
Measured At Ring No.				
Abrasion (Y/N)	No			-
Circumferential Seams	140	6	N	Several loose nutsSep, 2010
Separation (mm)				1
Longitudinal Seams		6	N	
Total No. of Cracked Rings		U	14	-
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				2N stagger
Proper Lap (Y/N)	Yes			2N stagger.
Longitudinal Stagger (Y/N)	Yes			

75605 -1 Bridge Culvert

		Brio	lge Cu	Ivert Barrel				
Culvert Component		Last	Now	Explanation of Condition				
(Pipe #: 2, Secondary Span, Lo	ocation Code: MAIN, S	span (r	nm):	, Rise (mm): 3050, Type: SP)				
Coating		5	N	(Pitting & scaling lower floorSep, 2010				
Corrosion By Soil (Y/N)	Yes							
Corrosion By Water (Y/N)	Yes							
Camber POS/ZERO/NEG	ZERO							
Ponding (Y/N)	No							
Fish Passage Adequacy		5	5	Outlet above streambed.				
Baffle		Х	Х					
(Type:)								
Waterway Adequacy		7	6					
Icing (Y/N)	No							
Silting (Y/N)	No							
Drift (Y/N)	Yes							
Barrel General Rating		6	N	Previous rating was '6' Sep, 2010				
		D	ownstr	ream End				
Culvert Component		Last	Now	Explanation of Condition				
(Pipe # : 2, Span Type: Second	lary Span)							
Direction		N		East pipe.				
End Treatment (Concrete, Steel, Others, None)	STEEL							
Headwall		X	X					
Collar		Х	Х					
Wingwalls		Х	Х					
(Shape:)								
Cutoff Wall		X	X					
Bevel End		6	6					
Heaving (mm)	300							
Invert Above/Below Stream Bed	ABOVE							
Above/Below (mm)	300							
Scour Protection		4	4	Bevel projects 2m with loss of fill in haunch area.				
(Type : RIP RAP)								
(Avg. Rock Size(mm) : 300)								
Scour/Erosion		4	4	It appears there is a loss of clay under bevel end x 2m+				
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)								
Alignment		6	6	Gradual bend before entrance.				
Bank Stability		6	6	Exposed face on U/S South bank.				
HWM (m below Top of Culvert)				HWM not visible.				
Drift (Y/N)	Yes			Large drift pile at inlets.				

Structure Usage									
		Last	Now	Explanation of Condition					
Channel Bottom Degrading/Aggrading	DEGRADING								
Beavers (Y/N)	No								
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 : NONE)									
Channel General Rating			6						

		Mainten	ance Recommendations					
Inspector Recommendations	Year	Inspector Comments	Department Cor	nments	Ta	arget Year	Est. Cost	Cat #
SHOTCRETE REPAIRS								
PLACE ADDITIONAL RIP RAP	2012	40m3 CL 2 at inlets & outlet	bevels.					
REMOVE DRIFT ACCUMULATION	2012	Remove drift from inlets.						
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	low) 55.6/55	Sufficiency Ratin	g (Last/Now) 62.5/59.3	Est. Repl. Yr	2040	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection			Department Comments					
Maintenance Reviewed By			Date		Esti	mated Total	0	
Proposed Long-Term Strategy								
On 3-Year Program (Y/N)								
Proposed Action								
Previous Inspector's Name	Todd Warshav	<i>ı</i> ski	Previous Assistant's Name					
Next Inspection Date	09-May-2014		Previous Inspection Date	27-Sep-2010				
Inspection Cycle (Default) (months)	21							
Comment								