Bridge File Number 00286 - 2 Bridge Culvert Form Type						Brido	je Culve	ert Insp	ection					
Vear Built								- i		CULE				
Bridge or Town Name BREMNER					ago calvert									
Located Over										<u> </u>				
	-													
Assistant Class														
Inspection Date														
Legal Land Location										09-Aug-2012				
Longitude, Latitude -113.15:04, 53.34:13				: 13 TWP 53 R	GF 23 W4	M		·			sta			
Read Authority								1						
Contract Main. Area CMA09 Review Date O5-Sep-2012								·						
Clear Roadway/Skew 55.7 /				ranspertation (rar)			1							
AADT/Year 47,380 / 2011 (A) Dept. Review Date Pollow-Up By Poetrour Length (km) 1								-						
Repair Republic		y/ OROW		′ 2011 (A)				· ·						
Detour Length (km) 1		ation						· · · ·		00 00(2012				
String				2.1 100				lonow	Op By					
Number of Culverts			-											
Pipe # Barrel				1										
1	Pipe #				Rise (or D	Dia.)	Туре		Length	Corr. Profile		Shape		
MAIN	1	U/S			3990		SP	16.9		152X51		ROUND		
Disagrater Dis	1				3950						4.0	ROUND		
Utilities Util	1	D/S		-			SP		10.9	152X51		ROUND		
Utility Attachments	Special Featur	es							'					
Utility Attachments	·		ment											
Utility Attachments	1													
Telephone South r/w & North r/w Sas Municipal						Ut	ilities (L	ocated	at)					
North r/w - 3 wires														
Problem (Y/N) No														
Approach Road / Embankment Last Now Explanation of Condition Horizontal Alignment 7 7 Accelaration lane - WBL from Hwy 21 ramp. Deceleration lane - EBL to Hwy 21 ramp. Deceleration lane - EBL to Hwy 21 ramp. Deceleration lane - EBL to Hwy 21 ramp. Accelaration lane - EBL to Hwy 21 ramp. Accelaration lane - EBL to Hwy 21 ramp. Accelaration lane - EBL to Hwy 21 ramp. A lane divided hwy. Woven geotextile on ground (5mx5m) @ SW corner. Height of cover - 5m. Upstream End Culvert Component Last Now Explanation of Condition Direction S End Treatment (Concrete, Steel, CONCRETE CONCRETE Others, None) Headwall 8 7 Wingwalls X X	Power	North	r/w - 3 w	ires										
Approach Road / Embankment Last Now Explanation of Condition Horizontal Alignment 7 7 A Accelaration lane - WBL from Hwy 21 ramp. Vertical Alignment 8 7 A Collaration lane - EBL to Hwy 21 ramp. Deceleration lane - EBL to Hwy 21 ramp. 4 lane divided hwy. Woven geotextile on ground (5mx5m) @ SW corner. Height of cover - 5m. Upstream End Last Now Explanation of Condition S Embankment 7 7 T Woven geotextile on ground (5mx5m) @ SW corner. Height of cover - 5m. Upstream End Last Now Explanation of Condition S End Treatment (Concrete, Steel, Others, None) Headwall 8 7 Wingwalls 7 X X								Problem (Y/N) No						
Last Now Explanation of Condition	Remarks								-					
Horizontal Alignment Vertical Height of Height of Cover - 5m. Vertical Vertical Section Vertical Alignment Vertical Alignment Vertical Cover (Smx5m) @ SW corner. Height of cover - 5m. Vertical Alignment Vertical Figure Vertical Section of Cover - 5m. Vertical Vertical Section of Cover - 5m. Ver										141				
Vertical Alignment Roadway Width (m) 24.800 Embankment 7 7 Woven geotextile on ground (5mx5m) @ SW corner. Height of cover (- 5m. Guardrail (Y/N) Yes Approach Road / Embankment General Rating Topstream End Culvert Component Direction End Treatment (Concrete, Steel, Others, None) Headwall Roadway Width (m) 24.800 Wingwalls A peccleration lane - EBL to Hwy 21 ramp. A lane divided hwy. Woven geotextile on ground (5mx5m) @ SW corner. Height of cover - 5m. Woven geotextile on ground (5mx5m) @ SW corner. Height of cover - 5m. Woven geotextile on ground (5mx5m) @ SW corner. Height of cover - 5m. Explanation of Condition Explanation of Condition 8 7 Wingwalls	Llawina ntal Alia													
Roadway Width (m) 24.800 Embankment Sideslope (_:1) (Height of Cover(m): 5) Guardrail (Y/N) Approach Road / Embankment General Rating T Upstream End Culvert Component Last Now Explanation of Condition Direction End Treatment (Concrete, Steel, Others, None) Headwall 8 7 Wingwalls A lane divided hwy. 4 lane divided hwy. 6 lane lane lane lane lane lane lane lane								Decele	ration lane - vv eration lane - El	BL from Hwy 21 BL to Hwy 21 ra	ramp. mp.			
Embankment 7 7 7 Sideslope (_:1) 4.0 (Height of Cover(m): 5) Guardrail (Y/N) Yes Approach Road / Embankment General Rating 7 7 Direction S End Treatment (Concrete, Steel, Others, None) Headwall 8 7 Collar 8 7 Woven geotextile on ground (5mx5m) @ SW corner. Height of cover - 5m. Woven geotextile on ground (5mx5m) @ SW corner. Height of cover - 5m. Woven geotextile on ground (5mx5m) @ SW corner. Height of cover - 5m. Woven geotextile on ground (5mx5m) @ SW corner. Height of cover - 5m. Woven geotextile on ground (5mx5m) @ SW corner. Height of cover - 5m. Upstream End Explanation of Condition S Collar 8 7 Wingwalls X X	vertical Alignm	nent						4 lane	divided hwy.		<u> </u>			
Sideslope (_:1)	Roadway Widt	th (m)		24.800	24.800									
Collar Steeling 4.0 Collar Steeling Collar	Embankment				7		7	Woven geotextile on g		round (5mx5m) @ SW corner.				
Approach Road / Embankment General Rating 7 7 Upstream End Culvert Component Last Now Explanation of Condition Direction S End Treatment (Concrete, Steel, CONCRETE Others, None) Headwall 8 7 Wingwalls X X X	Sideslope (_	_:1)		4.0	4.0			neight of cover - offi.						
Approach Road / Embankment General Rating 7 7 Upstream End Culvert Component Last Now Explanation of Condition Direction S End Treatment (Concrete, Steel, CONCRETE Others, None) Headwall 8 7 Collar 8 7 Wingwalls X X X	(Height of Co	over(m) :	5)											
Upstream End Culvert Component Last Now Explanation of Condition Direction S End Treatment (Concrete, Steel, Others, None) Headwall 8 7 Collar 8 7 Wingwalls X X	Guardrail (Y/N)		Yes	Yes									
Culvert Component Last Now Explanation of Condition Direction S End Treatment (Concrete, Steel, Others, None) CONCRETE Headwall 8 7 Collar 8 7 Wingwalls X X	Approach Ro	ad / Eml	bankmer	nt General Rat	ing	7	7							
Culvert Component Last Now Explanation of Condition Direction S End Treatment (Concrete, Steel, Others, None) CONCRETE Headwall 8 7 Collar 8 7 Wingwalls X X							Unstre	l am Enc						
Direction S End Treatment (Concrete, Steel, CONCRETE Others, None) Headwall 8 7 Collar 8 7 Wingwalls X X	Culvert Comp	onent				Last		1		lition				
End Treatment (Concrete, Steel, CONCRETE Others, None) Headwall Collar 8 7 Wingwalls X X	Direction			1										
Headwall 8 7 Collar 8 7 Wingwalls X X	End Treatment (Concrete, Steel, Others, None)													
Wingwalls X X	Headwall				8	7								
	Collar					8	7							
(Shape:)	Wingwalls					Х	X							
	(Shape :)													

00296 -2 Bridge Culvert

Cutoff Wall Cutoff Wall Every End Heaving (mm) Invert Above/Below Stream Bed BELOW Above/Below (rmm) Scour Protection Rock Size(mm): 300) Scour/Erosion Bay 7 Belowers (YN) No Upstream End General Rating By 7 Belowers (YN) No Upstream End General Rating By 7 Belowers (YN) No Upstream End General Rating By 7 Belowers (YN) No Upstream End General Rating By 7 Belowers (YN) No Upstream End General Rating By 7 Belowers (YN) No Upstream End General Rating By 7 Belowers (YN) No Upstream End General Rating By 7 Belowers (YN) No Upstream End General Rating By 7 Belowers (YN) No Upstream End General Rating By 7 Belowers (YN) No Upstream End General Rating By 7 Belowers (YN) No Upstream End General Rating By 7 Belowers (YN) By 8 7 Belowers (YN) By 90 (yne): 39 (yne): 89				Upstre	eam End
Bevel End	Culvert Component		Last	Now	Explanation of Condition
Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (7ppe : RP RAP) (Avg. Rock Size(mm) : 300) Scour/Erosion (8 7 Beavers (Y/N) No Upstream End General Rating (8 7 Beavers (Y/N) No Upstream End General Rating (8 7 Beavers (Y/N) No Upstream End General Rating (8 7 Beavers (Y/N) No Upstream End General Rating (8 7 Beavers (Y/N) No Upstream End General Rating (8 7 Beavers (Y/N) No Upstream End General Rating (8 7 Beavers (Y/N) No Upstream End General Rating (8 7 Beavers (Y/N) No Explanation of Condition (Ripe # : 1, Primary Span, Location Code: U/S, Span (mm): Rise (mm): 3990, Type: SP) Barrel Last Accessible Date Special Feature (Type :) Sp	Cutoff Wall		N	N	
Invert Above/Bellow (smm) Bellow Could not confirm.	Bevel End		8	7	Partially under water, rated visible portion.
Above/Below (mm) Scour/Protection 8 7 (Type : RIP RAP) (Avg. Rock Size(mm) : 300) Scour/Erosion 8 7 Beavers (YN) No Upstream End General Rating 8 7 Bridge Culvert Barrel Culvert Component Last Now Explanation of Condition (Pipe # 11, Primary Span, Location Code: U/S, Span (mm): Rise (mm): 3990, Type: SP) Barrel Last Coacessible Date Special Features Special Feature (Type:) Roof 9 8 N Viewed from w/s end, no sag apparent. D/S SPCSP not inspectable. Measured Rise (mm) Measured Rise (mm) Measured Rise (mm) Measured Span (mm) Measured Ring No. Sag (mm) Percent Sag Sidewall 8 N Viewed from ends, no deflection apparent. D/S SPCSP not inspectable. Under water: Under	Heaving (mm)				
Scour Protection 8 7	Invert Above/Below Stream Bed	BELOW			Could not confirm.
(Type : RIP RAP) (Acy, Rock Streimm) : 300) Beavers (Y/N) No Upstream End General Rating 8 7 Bridge Culvert Barrel Culvert Component Culvert Component Last Now Explanation of Condition (Pipe #: 1, Primary Span, Location Code: U/S, Span (mm): Rise (mm): 399, Type: SP) Barrel Last Accessible Date Special Feature Special Feature (Type :) Roof Measured Rise (mm) Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall 8 N Viewed from u/s end, no sag apparent. DVS SPCSP not inspectable. DVS SPCSP not inspectable. Under water. DVS SPCSP not inspectable. Under water. DVS SPCSP not inspectable. Under water. Maximum At Ring No. Deflection (mm) Percent Deflection (FM) Computindial Seams N N Separation (mm) Corrosion By Soli (Y/N) Coarrosion By Soli (Y/N) Coarrosion By Soli (Y/N) Corrosion By Water (YN)	Above/Below (mm)				
Avg. Rock Size(mm) : 300	Scour Protection		8	7	
Scour/Erosion 8	(Type: RIP RAP)				
Beavers (Y/N) No Upstream End General Rating Bridge Culvert Barrol Last Now Explanation of Condition (Pipe #: 1, Primary Span, Location Code: U/S, Span (mm): Rise (mm): 3990, Type: SP) Barrel Last Accessible Date Special Features Special Feature (Type:) Roof 8 N Viewed from wis end, no sag apparent. Weasured Rise (mm) Measured At Ring No. Sag (mm) Percent Deflection Floor N N N Under water. Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams N N N Total No. of Rings with Two Cracked Seams Min. Remaining Steel Betweren Between Cracks (mm) Proper Lap (Y/N) Coatring N N N N Coatring N N N N Cordinal Stager (Y/N)	(Avg. Rock Size(mm) : 300)				
Upstream End General Rating Bridge Culvert Component (Pipe #: 1, Primary Span, Location Code: U/S, Span (mm): Rise (mm): 3990, Type: SP) Barrel Last Accessible Date Special Feature Special Feature (Type:) Special Feature (Type:) Special Feature (Type:) Roof Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Deflection Floor In Measured At Ring No. Abrasion (Y/N) Circumferential Seams 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) Longitudinal Stagger (Y/N) Coaring Dy Water (Y/N) Coarrosion By Soil (Y/N) Corrosion By Water (Y/N) Corrosion By Water (Y/N) Special Feature Viewed from was explained in water. Special Feature Viewed from was explained in water. Viewed from was end, no sag apparent. D/S SPCSP not inspectable. Viewed from was end, no sag apparent. D/S SPCSP not inspectable. Viewed from was end, no sag apparent. D/S SPCSP not inspectable. Viewed from was end, no sag apparent. D/S SPCSP not inspectable. Viewed from was end, no sag apparent. D/S SPCSP not inspectable. Viewed from was end, no sag apparent. D/S SPCSP not inspectable. Viewed from was end, no sag apparent. D/S SPCSP not inspectable. Viewed from was end, no sag apparent. D/S SPCSP not inspectable. Viewed from was end, no sag apparent. D/S SPCSP not inspectable. Viewed from was end, no sag apparent. D/S SPCSP not inspectable. Viewed from was end, no sag apparent. D/S SPCSP not inspectable. Viewed from was end, no sag apparent. D/S SPCSP not inspectable. Viewed from was end. Viewed from was	Scour/Erosion		8	7	
Sridge Culvert Barrel Last Now Explanation of Condition	Beavers (Y/N)	No			
Culvert Component	Upstream End General Rating		8	7	
Culvert Component			Brid	dge Cu	Ivert Barrel
Barrel Last Accessible Date Special Features Special Feature (Type :) Special Feature (Type :) Special Feature (Type :) Roof Reasured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Roof N N N Measured At Ring No. Deflection (mm) Percent Deflection Floor Roof N N N Circumferential Seams 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) Corrosion By Water (Y/N) Corrosion By Water (Y/N) Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from ends, no deflection apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Viewed from u/s end, no sag apparent. D/S SPCSP not inspectable. Vie	Culvert Component		1		
Special Feature (Type :) Special Feature (Type :) Special Feature (Type :) Roof	(Pipe # : 1, Primary Span, Loca	tion Code: U/S, Span	(mm):	, I	Rise (mm): 3990, Type: SP)
Special Feature Crype: Special Feature Cracked Rings Special Feature Crype: Special Feature Special Feat	Barrel Last Accessible Date				50% to 90% full of water-Could not access.
Type : Special Feature	Special Features				
Special Feature Common	Special Feature				
Type : Roof	(Type:)				
Roof	Special Feature				
Roof	(Type:)				
Measured Rise (mm) Measured At Ring No. Sag (mm) Percent Sag Sidewall Measured Span (mm) Measured Span (mm) Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential 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 Corrosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Water (Y/N)			8	N	Viewed from u/s end, no sag apparent.
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) Cracked Rings 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) Cortosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Viewed from ends, no deflection apparent. D/S SPCSP not inspectable. N Viewed from ends, no deflection apparent. D/S SPCSP not inspectable. N Under water. Under water. Under water. N N N N N N N N N N N N N	Measured Rise (mm)				D/S SPCSP not inspectable.
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) Cracked Rings 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) Cortosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Viewed from ends, no deflection apparent. D/S SPCSP not inspectable. N Viewed from ends, no deflection apparent. D/S SPCSP not inspectable. N Under water. Under water. Under water. N N N N N N N N N N N N N	Measured At Ring No.				
Sidewall 8 N Viewed from ends, no deflection apparent. Measured Span (mm) Measured At Ring No. Deflection (mm) 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) Coating N N Corrosion By Soil (Y/N) Corrosion By Soil (Y/N) Corrosion By Water (Y/N) Disspectable. Viewed from ends, no deflection apparent. D/S SPCSP not inspectable. N N Under water. Under water. N N N N N N N Circumferential Seams N N N N N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N)					
Measured Span (mm) Measured At Ring No. Deflection (mm) 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) Longitudinal Stagger (Y/N) Coating N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N) D/S SPCSP not inspectable.					
Measured At Ring No. Deflection (mm) Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams 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) Coating N N N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N)	Sidewall		8	N	Viewed from ends, no deflection apparent.
Deflection (mm) Percent Deflection Floor N N N Under water. Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams 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) Coating N N N Corrosion By Soil (Y/N) Corrosion By Water (Y/N)	Measured Span (mm)				D/S SPCSP not inspectable.
Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams N N Separation (mm) Longitudinal Seams N O 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 At Ring No.				
Percent Deflection Floor Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams N N Separation (mm) Longitudinal Seams N O 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 Separation (mm) Longitudinal Seams 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)					
Bulge (mm) Measured At Ring No. Abrasion (Y/N) Circumferential Seams N Separation (mm) Longitudinal Seams 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)	Floor		N	N	Under water.
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)				_	
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)					
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)	Circumferential Seams		N	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)	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)			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)				_	
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)	Total No. of Rings with Two				
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 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)			.,	- 14	1
					1
		ZERO			

00296 -2 Bridge Culvert

		Brid	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Primary Span, Loca	tion Code: U/S, Span	(mm):	, F	Rise (mm): 3990, Type: SP)
Ponding (Y/N)	No			
Fish Passage Adequacy		8	8	
Baffle		N	N	
(Type:)				
Waterway Adequacy		8	8	
Icing (Y/N)	No			
Silting (Y/N)				
Drift (Y/N)	No			
Barrel Extension General Ratir	ng	N	N	General rating 5 -date unknown
		Bric	dge Cu	lvert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm):	, Rise (mm): 3950, Type: SP)
Barrel Last Accessible Date				Half full of water-could not access.
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		8	N	Viewed from U/S end, no visible sag.
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)				
Percent Sag				
Sidewall		8	N	Viewed from U/S ends, no visible deflection.
Measured Span (mm)				
Measured At Ring No.				
Deflection (mm)				
Percent Deflection				
Floor		N	N	Under water.
Bulge (mm)				
Measured At Ring No.				
Abrasion (Y/N)			_	
Circumferential Seams	T	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)				
Camber POS/ZERO/NEG	ZERO			

00296 -2 Bridge Culvert

		Brid	dge Cu	Culvert Barrel					
Culvert Component			Now	Explanation of Condition					
(Pipe #: 1, Primary Span, Location Code: MAIN, Spar):	, Rise (mm): 3950, Type: SP)					
Ponding (Y/N) No									
Fish Passage Adequacy			8						
Baffle		N	N						
(Type:)									
Waterway Adequacy		8	8						
Icing (Y/N)	No								
Silting (Y/N)									
Drift (Y/N)	No								
Barrel General Rating		N	N	General rating '5-'date unknown.					
		D	ownstr	ream End					
Culvert Component		Last	Now	Explanation of Condition					
Direction		N							
End Treatment (Concrete, Steel, Others, None)	STEEL								
Headwall		Х	X						
Collar		Х	Х						
Wingwalls		Х	Х						
(Shape:)									
Cutoff Wall		Х	X						
Bevel End		N	N	Under water.					
Heaving (mm)									
Invert Above/Below Stream Bed	BELOW			Could not confirm.					
Above/Below (mm)									
Scour Protection		8	8	Rated what was visible.					
(Type : RIP RAP)									
(Avg. Rock Size(mm) : 300)									
Scour/Erosion		8	8						
Beavers (Y/N)	No								
Downstream End General Ratio	ng	8	8						
				re Usage					
01 - 1 (11(0 - 1 D/0)		Last	Now	Explanation of Condition					
Channel (U/S and D/S) Alignment		7	7						
Bank Stability		8	8						
HWM (m below Top of Culvert)				HWM not visible.					
Drift (Y/N)	No								
Channel Bottom				Could not confirm.					
Degrading/Aggrading Beavers (Y/N) No									
(Fish Compensation Measure 1 : NONE)									
(Fish Compensation Measure 2 :				1					
Channel General Rating	,	7	7						
ŭ '	J								

		Maintenance R	ecommen	dations					
Inspector Recommendations	Year Inspector Comments			Department Comm	Target Year	Est. Cost	Cat #		
SHOTCRETE REPAIRS									
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION									
INSTALL CONCRETE/STEEL LINING	6								
INSTALL STRUTS									
INSTALL CONCRETE COLLAR/CUT	OFF								
REPAIR SEAMS									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
Structural Condition Rating (Last/N (%)	ow) 55.6/55	Sufficiency Rating (Last	/Now)	68.7/67.5	Est. Repl. Yr	2050 Maint. Re		qd. (Y/N)	No
Special Comments for Next Inspection				Department Comments					
Maintenance Reviewed By				Date		E	Estimated Tota	I 0	
Proposed Long-Term Strategy									
On 3-Year Program (Y/N)									
Proposed Action									
Previous Inspector's Name	Shane Hall		Previous	Assistant's Name					
Next Inspection Date	09-May-2014		Previous	Inspection Date	24-Sep-2010				
Inspection Cycle (Default) (months)	21								
Comment									