RIVER, 6.5.44.1, WATERCRS-ST Located On 855:12 C1 13.632 Water Body CI./Year Navigabil. CI./Year Legal Land Location SW SEC 14 TWP 48 RGE 16 W4M Longitude, Latitude -112:14:44, 53:08:24 Road Authority Alberta Transportation (AIT) Contract Main. Area CMA16 Assistant Name Data Entry By Data Entry Date O1-Jul-2010 Reviewer Name Assistant Class Inspection Date Date Date Date Name O1-Jul-2010 Alberta														
Bridge File Num	ridge or Town Name Pocated Over Pridge or Town Name Pocated Over Pocated Over Pocated Over Pocated Over Pocated Over Pocated On Pocated Over Pocated On Pocated Over Pocated On Pocate On Pocated On Pocated On Pocated On Pocated On Pocated On Pocate On Pocated On Po		rt			Form 7	Гуре		CUL1					
Year Built		1987					Lot No			4				
Bridge or Town	Name	HOLDE	N				Inspec	tor Name		Jason Saly				
						Inspector Class			BR CLS A					
Located On				ERUKS-3)		Assista	ant Name						
		000.12	12 C1 13.632				Assistant Class							
							Inspec	tion Date		03-Jun-2010				
		C/M/ CE	C 14 TWD 40 D	CE 16 W	/ 4 N /		Data E	ntry By		Jill Potts				
Located Over 2ND ORDER TRIBUTARY TO NRIVER, 6.5.44.1, WATERCRS-STAND CONTROL CRIVER, 6.5.44.1, WATERCRS-STAND CONTROL CRIVER Navigabil. CI./Year		4IVI		·			01-Jul-2010							
			·	/ A I T \			Reviewer Name		John O'Brien					
			·	(AII)										
						Dept. Review Date			06-Jul-2010					
					Follow-Up By									
			09-110											
		ation	1											
				Rise (or	Dia.)	Туре		Length		Corr. Profile	PI./Slab Thickness	Shape		
1	MAIN		-	3670		SP		80.5		152X51	3.0	ROUND		
					-	00.0			,	1				
		nent												
·														
Utilities (Located at)														
							Gas							
							Proble	m (Y/N)	No					
Remarks Approach Road / Embankment														
				A	Last					tion				
Horizontal Align	ment				7	7 Approach 60m SE.			LIOII					
					8	7	Поприс	2011 00111 0	<i>,</i> .					
			12 000			,								
- readinaly rindin	,		.=.000											
Embankment					N	5						ment erosion over		
Sideslope (:	:1)		3.0				pipe, v	orst at Si	= alten	& over East er	nbankment.			
	/er(m) :	7.8)												
Guardrail (Y/N)			Yes											
Approach Road	d / Emb	ankme	nt General Rat	ing	7	7								
						Upstre	am End							
Culvert Compo	nent				Last	Now		nation of	Condi	tion				
Direction					W		•							
End Treatment (Others, None)	(Concre	te, Stee	el, CONCRETE											
Headwall					8	8								
Collar		8	8											
Wingwalls		Х	Х											
(Shape:)														
Cutoff Wall			N	N										

Upstream End									
Culvert Component		Last	Now	Explanation of Condition					
Bevel End		8	8						
Heaving (mm)	0								
Invert Above/Below Stream Bed	BELOW								
Above/Below (mm)	1100								
Scour Protection		N	6						
(Type :)									
(Avg. Rock Size(mm):)									
Scour/Erosion		N	6						
Beavers (Y/N)	Yes								
Upstream End General Rating		8	6						
		Brio	dge Cu	Ivert Barrel					
Culvert Component		Last	Now	Explanation of Condition					
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm) :	, Rise (mm): 3670, Type: SP)					
Barrel Last Accessible Date	22-Mar-2007			Water 1.5m deep in pipe. Viewed from ends.					
Special Features									
Special Feature									
(Type:)									
Special Feature									
(Type:)			_						
Roof		8	N						
Measured Rise (mm)	3670								
Measured At Ring No.	8								
Sag (mm)	0								
Percent Sag	0								
Sidewall		8	N						
Measured Span (mm)	3665								
Measured At Ring No.	8			0.1%					
Deflection (mm)	5			-					
Percent Deflection	0								
Floor		N	N						
Bulge (mm)	0								
Measured At Ring No.									
Abrasion (Y/N)	No								
Circumferential Seams		8	N						
Separation (mm)	0								
Longitudinal Seams		8	N						
Total No. of Cracked Rings	0								
Total No. of Rings with Two Cracked Seams									
Min. Remaining Steel Between Cracks (mm)	1.,								
Proper Lap (Y/N)	Yes								
Longitudinal Stagger (Y/N) Yes									
Coating	.,	7	N						
Corrosion By Soil (Y/N)	Yes								
Corrosion By Water (Y/N)									
Camber POS/ZERO/NEG	ZERO								
Ponding (Y/N)	No			(2.245m clear, ice to roof @ mid span. 22/Mar/2007)					

	Bridge Cu			ulvert Barrel					
Culvert Component		Last Now		Explanation of Condition					
Culvert Component (Pipe # : 1, Primary Span, Location Code: MAIN, Spinsh Passage Adequacy Baffle (Type :) Waterway Adequacy Icing (Y/N) Silting (Y/N) Drift (Y/N) No Barrel General Rating Culvert Component Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar Wingwalls (Shape :) Cutoff Wall Bevel End Heaving (mm) Invert Above/Below Stream Bed Above/Below (mm) Scour Protection (Type :) (Avg. Rock Size(mm) :) Scour/Erosion Beavers (Y/N) No Downstream End General Rating		n (mm	<u>):</u>	, Rise (mm): 3670, Type: SP)					
Fish Passage Adequacy		9	9						
Baffle		Х	Х						
(Type:)									
Waterway Adequacy		9	9						
Icing (Y/N)	No								
Silting (Y/N)	No								
Drift (Y/N)	No								
Barrel General Rating		8	N	Previous G.R. was "8" from 22/Mar/2007.					
		D	ownstr	ream End					
Culvert Component		Last	Now	Explanation of Condition					
Direction		E							
Others, None)	STEEL								
Headwall		Х	X						
Collar		Х	X						
Wingwalls		Х	Х						
(Shape:)									
Cutoff Wall		X	X						
Bevel End		8	8						
Heaving (mm)	0								
Invert Above/Below Stream Bed	BELOW								
Above/Below (mm)	1100								
Scour Protection		N	4						
(Type:)									
(Avg. Rock Size(mm) :)									
Scour/Erosion		N	4	Ditch scour @ SE corner worst.					
Beavers (Y/N)	No								
Downstream End General Ratin	ng	4	4						
		s	tructu	re Usage					
		Last	Now	Explanation of Condition					
Channel (U/S and D/S)									
Alignment		7	7						
Bank Stability		N	6						
HWM (m below Top of Culvert)				HWM not visible.					
Drift (Y/N)	Yes			Minor.					
Channel Bottom Degrading/Aggrading				Unknown.					
Beavers (Y/N)	Yes								
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating		7	7						

		Maintanan	ce Recommend	ations					
Inspector Recommendations	ce Recommend	Department Com	ments		Target Year	Est. Cost	Cat #		
SHOTCRETE REPAIRS	Year	Inspector Comments		Department Com	mento		raiget real	LSt. OOSt	Oat n
PLACE ADDITIONAL RIP RAP									+
REMOVE DRIFT ACCUMULATION									
INSTALL CONCRETE/STEEL LINING	;								
INSTALL STRUTS									
INSTALL CONCRETE COLLAR/CUTO	OFF								
REPAIR SEAMS									1
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
Structural Condition Rating (Last/N (%)	ow) 88.9/55	.6 Sufficiency Rating (Last/Now)	36.7/69.4	Est. Repl. Yr	2041	Maint. Re	qd. (Y/N)	No
Special Monitor ditch erosic Comments for Next Inspection	on.			Department Comments					
Maintenance Reviewed By				Date		E	stimated Tota	I 0	
Proposed Long-Term Strategy									
On 3-Year Program (Y/N)									
Proposed Action									
Previous Inspector's Name	Tim Davies		Previous	Assistant's Name					
Next Inspection Date	03-Sep-2013		Previous	Inspection Date	22-Mar-2007				
Inspection Cycle (Default) (months)	39								
Comment									