Bridge Culvert Inspection														
Bridge File Nun	ridge File Number 79521 -1 E			21 -1 Bridge Culvert				уре		CUL1				
Year Built		1983					Lot No.			3				
Bridge or Town	Name	SEEBE					Inspector Name			Garry Roberts				
Located Over		STONY (Y CK, 2.13.56.1.1, WATERCRS-ST				Inspect	Inspector Class BR CLS A						
Located On		68:04 C1	4.380				Assistant Name							
Water Body Cl.	/Year						Assista	nt Class						
Navigabil. CI./Y	'ear						Inspect	ion Date		27-Aug-2012				
Legal Land Loc	ation	SE SEC	13 TWP 24 R	GE 8 W5	М		Data E	ntry By		Lauren Korte				
Longitude, Latit	tude	-114:58:4	14, 51:02:35				Data E	ntry Date	;	26-Sep-2012				
Road Authority		Alberta T			Review	er Name	;	Tom Carey		- - <				
Contract Main.	Area	CMA28					Review	Date		31-Aug-2012				
Clear Roadway	Iear Roadway/Skew 12 / 53 deg. (RHF) ADT/Year 310 / 2011 (A)						Dept. Reviewer Name		Tim Davies					
AADT/Year	ADT/Year 310 / 2011 (A) coad Classification RAU-211.8-110						Dept. Review Date		02-Oct-2012					
Road Classifica	ad Classification RAU-211.8-110						Follow-Up By							
Detour Length (km) 16														
3ridge Culvert Information														
Dine #	Parral	1 Span Diag (ar Diag) Type Langth Carr					Corr Drofilo	DI /Clab	Chana					
Pipe #	Darrei		pan	Rise (or	Dia.)	туре		Length		Con. Prome	Thickness	Shape		
1	MAIN	2	317	2561		SPE	50.6		152X51	4.0	ELLIPSE			
Special Feature	es													
Special Feature	es Comr	ment												
					Uti	lities (l	ocated	at)						
Utility Attachme	ents				01	1100 (1		aty						
Telephone							Gas							
Power							Municipal							
Others						Problem (Y/N) No								
Remarks	None	visible.												
				Α	pproad	ch Road	d / Emba	ankment						
					Last	Now	Explan	ation of	Condit	tion				
Horizontal Alignment				4	4	Reduced speed. South - curves								
Vertical Alignme	ent				5	5	Giaue	ISING IO I						
Roadway Width	ר (m)		12.000								uug-2012			
Embankment					5	4 4 Reduced speed. South - curves 5 5 Grade rising to East. 5 5								
Sideslope (gait Land Location SE SEC 13 TWP 24 RGE 6 W ngitude, Latitude -114:58:44, 51:02:35 ad Authority Alberta Transportation (AIT) ntract Main. Area CMA28 ear Roadway/Skew 12 / 53 deg. (RHF) DT/Year 310 / 2011 (A) ad Classification RAU-211.8-110 tour Length (km) 16 dge Culvert Information mber of Culverts mber of Culverts 1 ee # Barrel Span Rise (a MAIN 2317 2561 ecial Features Ecial Features eephone Wer wer Ester Tarmsportation marks None visible. adaway Width (m) 12.000 markanter State Tarmsportation and angle (Y/N) Yes proach Road / Embankment Eneral Rating Iter Component Ection d1 Treatment (Concrete, Steel, None) CONCRETE adwall Ilar Ilar Ilar Intract Aliagnment Ection Gorearer, None) General Rating <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>													
(Height of Co	ver(m) :	1.5)												
Guardrail (Y/N)			Yes				Collisio	n damag	je @ S∖	W- one broken	post.			
Approach Roa	d / Emb	pankment	t General Rat	ing	4	4								
						Upstre	am End							
Culvert Compo	onent				Last	Now	Explan	ation of	Condit	tion				
Direction					S		South.							
End Treatment Others, None)	(Concre	ete, Steel,	CONCRETE											
Headwall					N	7								
Collar					7	7								
Wingwalls					v	Y								
(Shapa ·)					~	^								
					I NI	N	Ruriad							

Alberta Transportation

			Upstre	am End						
Culvert Component		Last	Now	Explanation of Condition						
Bevel End		7	7							
Heaving (mm)	0									
Invert Above/Below Stream Bed	BELOW									
Above/Below (mm)	500									
Scour Protection			8	New Cl.1 placed.						
(Type : RIP RAP)										
(Avg. Rock Size(mm) : 350)										
Scour/Erosion		N	8							
Beavers (Y/N)	No									
Upstream End General Rating			7							
		Brid	dge Cu	lvert Barrel						
Culvert Component		Last	Now	Explanation of Condition						
(Pipe # : 1, Primary Span, Location Code: MAIN, Span (mm): 2317, Rise (mm): 2561, Type: SPE)										
Barrel Last Accessible Date	27-Aug-2012									
Special Features	I									
Special Feature										
(Type:)		1								
Special Feature										
(Type:)										
Roof		7	7							
Measured Rise (mm)	2568	-	,							
Measured At Ring No	5			-						
Sag (mm)	7									
Percent Sag										
Sidowall		7	7	Inword						
Manaurad Span (mm)	2208	1	1							
Mossured At Ping No	5									
Deflection (mm)	10									
Percent Deflection	1									
		7	7	Minor						
	0	1	1	Minor.						
Buige (mm)	0									
				-						
Abrasion (Y/N)	res		-							
Circumferential Seams		7	7							
Separation (mm) 0										
Longitudinal Seams	-	7	7							
Total No. of Cracked Rings	0									
Total No. of Rings with Two Cracked Seams	0									
Min. Remaining Steel Between Cracks (mm)										
Proper Lap (Y/N)	No									
Longitudinal Stagger (Y/N)	No									
Coating		6	6	Superficial @ Floor.						
Corrosion By Soil (Y/N)	No									
Corrosion By Water (Y/N)	Yes									
Camber POS/ZERO/NEG	ZERO									
Ponding (Y/N)	No									

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

Bridge Culvert Barrel											
Culvert Component			Now	Explanation of Condition							
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN, Spa	n (mm)): 2317	, Rise (mm): 2561, Type: SPE)							
Fish Passage Adequacy		5	5								
Baffle		Х	Х								
(Туре :)											
Waterway Adequacy	Waterway Adequacy			Some rip rap washed into d/s end.							
Icing (Y/N)	No										
Silting (Y/N)	Yes										
Drift (Y/N)	Drift (Y/N) No										
Barrel General Rating			7								
Downstream End											
Culvert Component		Last	Now	Explanation of Condition							
Direction	1	N		North.							
End Treatment (Concrete, Steel, Others, None)	nd Treatment (Concrete, Steel, CONCRETE thers, None)		1								
Headwall		N	7								
Collar	Collar										
Wingwalls		Х	Х								
(Shape:)											
Cutoff Wall		N	N	Buried.							
Bevel End	1	7	7	Some large rocks in the bevel.							
Heaving (mm)	Heaving (mm) 0										
Invert Above/Below Stream Bed	nvert Above/Below Stream Bed BELOW										
Above/Below (mm)	300		1								
Scour Protection		7	7								
(Type : RIP RAP)											
(Avg. Rock Size(mm) : 350)		_	_								
Scour/Erosion			7								
Beavers (Y/N)	s (Y/N) No										
Downstream End General Ratir	ng	7	7								
		S	tructur	re Usage							
		Last	Now	Explanation of Condition							
Channel (U/S and D/S)											
Alignment			5	Bends in channel u/s and d/s.							
Bank Stability			7								
HWM (m below Top of Culvert) 0.0				Hwm not visible.							
Drift (Y/N)	No										
Channel Bottom DEGRADING Degrading/Aggrading											
Beavers (Y/N)	No										
(Fish Compensation Measure 1 :	NONE)										
(Fish Compensation Measure 2 :	NONE)										
Channel General Rating			5								

Maintenance Recommendations											
Inspector Recommendations		Year	Inspecto	r Comments		Department Comr	Target Year	Est. Cost	Cat #		
SHOTCRETE REPAIRS											
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
INSTALL CONCRETE/STEEL LINING											
INSTALL STRUTS											
INSTALL CONCRETE COLLAR/CUTC	DFF										
REPAIR SEAMS											
OTHER ACTION		2012	Replace	1 T.t guardrail post. (Medi	um priority).						
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/Now) (%)		77.8/77.	8	Sufficiency Rating (Last (%)	t/Now)	62.4/66.0	Est. Repl. Yr	st. Repl. Yr 2033		qd. (Y/N)	Yes
Special Comments for Next Inspection						Department Comments					
Maintenance Reviewed By						Date		E	Estimated Total	0	
Proposed Long-Term Strategy											
On 3-Year Program (Y/N)											
Proposed Action											
Previous Inspector's Name G		Garry Roberts				Previous Assistant's Name					
Next Inspection Date	27-Ma	27-May-2014				ous Inspection Date 05-Jan-2011					
Inspection Cycle (Default) (months) 2											
Comment											