					Bridg	e Culve	ert Insp	ection					
Bridge File Number 84118 -1 Bridge Culvert							Form 7	orm Type CULM					
Year Built 1935						Lot No.			4				
Bridge or Town	Name		RCOURSE CUL		N LOC	AL	Inspec	tor Name		Garry Roberts			
Located Over			NEAR EXSHAV		· NII		Inspec	Inspector Class BR CLS A					
Located Over			RCOURSE, WA	IERCRS)-INI		Assista	ant Name					
United Description LOCAL ROAD Water Body Cl./Year							ant Class						
Navigabil. Cl./Year							tion Date		08-Apr-2013				
Legal Land Loca		NIW SE	C 21 TWP 24 R	CE 9 WE	5N/			ntry By		Alyssa Boynto	n		
Longitude, Latitu			2:10, 51:03:51	OL 3 W	JIVI		·			13-Apr-2013			
	uuc		·	(AIT)	Reviewer Name				Ash Morjaria				
Road Authority Alberta Transportation (AIT) Contract Main. Area CMA28				(/ /				Review Date 12-Apr-2013					
Clear Roadway/		9.3 /							Name	Tim Davies			
AADT/Year		144 / 20	013 (E)	\12 (□ \				Review Da	ate	22-Apr-2013			
Road Classificat	tion						Follow-Up By						
Detour Length (I	km)	999											
Bridge Culvert		ation											
Number of Culve	erts		1										
Pipe #	Barrel		Span	Rise (or	Dia.)	Туре		Length		Corr. Profile	PI./Slab Thickness	Shape	
1	MAIN		6000	1250		ВР		11.6				RECTANGLE	
Special Feature	S												
Special Feature	s Comr	ment											
					Uti	ilities (L	ocated	at)					
Utility Attachme	nts												
Telephone	South	ROW					Gas						
Power Over top of culvert and crosses SW					Munici	pal							
Others Fiber optics south ROW						Proble	m (Y/N)	No					
Remarks													
				Α	Ī		T .	ankment					
I I a win a set al. Ali sus					Last	Now	_	nation of			-f I b 4 A		
Horizontal Align						5	In Gro	tto Pona p	arking	lot 20 m north	of Hwy 1A		
Vertical Alignme			8.000			8							
Roadway Width	(111)		8.000										
Embankment						7	At eas	t					
Sideslope (:1) 3.1													
(Height of Cov	/er(m) :	1)											
Guardrail (Y/N)			Yes				Wrong lap at NW and NE						
Approach Road	d / Emk	oankme	nt General Rat	ing		5							
						Upstre	am End						
Culvert Compo	nent				Last	Now	Explai	nation of	Condi	tion			
Direction		W											
End Treatment (Others, None)	(Concre	ete, Stee	el, CONCRETE										
Headwall			9	Recas	t recently								
Collar			Х										
Wingwalls				8	Recas	Recast recently							
(Shape : FLARE)													
Cutoff Wall						Х							

			Unetro	am End
Culvert Component		Last	Now	Explanation of Condition
Bevel End		Lasi	X	Explanation of Condition
Heaving (mm)			, A	
Invert Above/Below Stream Bed				
Above/Below (mm)	0			
Scour Protection	0		8	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 400)				
Scour/Erosion			8	
Beavers (Y/N)	No			
Unatroom End Conord Bating				
Upstream End General Rating			8	
		Brid	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm): 3000	, Rise (mm): 1250, Type: BP, Cell Sequence: 1)
Barrel Last Accessible Date	08-Apr-2013			South cell
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof	T		8	
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)				
Percent Sag				
Sidewall			8	Isolated narrow vertical cracks
Measured Span (mm)				
Measured At Ring No.				
Deflection (mm)				
Percent Deflection				
Floor			8	Recently cleaned
Bulge (mm)	0			
Measured At Ring No.				
Abrasion (Y/N)	No		_	
Circumferential Seams			X	
Separation (mm)				
Longitudinal Seams			X	
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			Х	
Corrosion By Soil (Y/N)				
Corrosion By Water (Y/N)				
Camber POS/ZERO/NEG				
Ponding (Y/N)				

84118 -1 Bridge Culvert

		Brid	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN, Spa	an (mm): 3000	, Rise (mm): 1250, Type: BP, Cell Sequence: 1)
Fish Passage Adequacy			5	Dry
Baffle			Х	
(Type:)				
Waterway Adequacy			5	Prone to gravel silting
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating			8	
		Brio	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm): 3000	, Rise (mm): 1250, Type: BP, Cell Sequence: 2)
Barrel Last Accessible Date	08-Apr-2013			
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof			8	
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)				
Percent Sag				
Sidewall			8	Isolated narrow vertical cracks
Measured Span (mm)				
Measured At Ring No.				
Deflection (mm)				
Percent Deflection			_	
Floor			8	Recently cleaned
Bulge (mm)	0			
Measured At Ring No.				
Abrasion (Y/N)	No			
Circumferential Seams			X	
Separation (mm)				
Longitudinal Seams			X	
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			Х	
Corrosion By Soil (Y/N)				
Corrosion By Water (Y/N)				
Camber POS/ZERO/NEG				
Ponding (Y/N)				

		Bric	lge Cul	vert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Primary Span, Locat	tion Code: MAIN, Spa	n (mm): 3000	, Rise (mm): 1250, Type: BP, Cell Sequence: 2)
Fish Passage Adequacy			5	Dry
Baffle			Х	
(Type :)				
Waterway Adequacy			5	Prone to gravel silting
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating			8	
		D	ownstr	eam End
Culvert Component		Last	Now	Explanation of Condition
Direction		E		
End Treatment (Concrete, Steel, Others, None)	CONCRETE			
Headwall			6	Chipped from rock removal equipment
Collar			X	
Wingwalls			7	
(Shape : FLARE)				
Cutoff Wall			Х	
Bevel End			Х	
Heaving (mm)	0			
Invert Above/Below Stream Bed	ABOVE			
Above/Below (mm)	400			
Scour Protection			7	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 400)				
Scour/Erosion			7	
Beavers (Y/N)	No			
Downstream End General Rating			6	
		S	tructur	re Usage
		Last		Explanation of Condition
Channel (U/S and D/S)				
Alignment			7	
Bank Stability			7	
HWM (m below Top of Culvert)				No visible HWM
Drift (Y/N) No				
Channel Bottom NONE Degrading/Aggrading				Channel is prone to aggrading. Recently cleaned and currently stable.
Beavers (Y/N) No				
(Fish Compensation Measure 1 :	NONE)			
(Fish Compensation Measure 2 :	NONE)			
Channel General Rating			7	

		Maintenance	Recommendations					
Inspector Recommendations	Year	Inspector Comments	Department Com	ments	Target Year	Est. Cost	Cat #	
SHOTCRETE REPAIRS								
PLACE ADDITIONAL RIP RAP								
REMOVE DRIFT ACCUMULATION								
INSTALL CONCRETE/STEEL LINING								
INSTALL STRUTS								
INSTALL CONCRETE COLLAR/CUTO	OFF							
REPAIR SEAMS								
OTHER ACTION								
OTHER ACTION							\perp	
OTHER ACTION								
OTHER ACTION								
Structural Condition Rating (Last/No. (%)	ow) /88.9	Sufficiency Rating (La (%)	st/Now) /74.4	Est. Repl. Yr 20	050 Maint. Re	qd. (Y/N)	No	
Special Cells have history or regular basis. Cells have history or regular basis.	f silting from gra	vel in channel. Clean cells and cha	Department Comments					
Maintenance Reviewed By			Date		Estimated Tota	I 0		
Proposed Long-Term Strategy								
On 3-Year Program (Y/N)								
Proposed Action								
Previous Inspector's Name			Previous Assistant's Name					
Next Inspection Date	08-Jan-2018	08-Jan-2018 Previous Inspection Date						
Inspection Cycle (Default) (months)	57							
Comment								