					Dodala	- O.J.	ant Imamas	d'an					
Bridge File Number 77747 -1 Bridge Culvert				<u> </u>	e Cuive	Eulvert Inspection		CUL1					
				τ			Form Type						
	1957/200 INNISFA					Lot No.	n Nama	4					
Bridge or Town	iname			VDV TO D			Inspecto			Owen Salava			
Located Over			DER TRIBUT <i>A</i> 3.85.2.1, WATI			EEK	Inspector Class Assistant Name			BR CLS A			
Located On 2:22 R1 22.185;2:22 L1 22.197				1 22.197			Assistant Class						
Water Body Cl./Year								on Date		13-Mar-2013			
Navigabil. Cl./Y	'ear						Data Entry By			Marcia Chave	7		
Legal Land Location S		SE SEC	7 TWP 35 RG	E 28 W4N	1		Data Entry Date			27-Mar-2013			
Longitude, Latitude		-113:59:0	05, 51:59:13				Reviewer Name			John O'Brien			
Road Authority		Alberta T	ransportation	(AIT)			Review Date			17-Mar-2013			
Contract Main. Area CM								Dept. Reviewer Name Chris Black					
Clear Roadway/Skew		30.2 / 10	deg. (RHF)				Dept. Review Date		28-Mar-2013				
AADT/Year		28,800 /	2011 (A)			Follow-Up By		<u>- </u>					
Road Classifica	ation	RFD-412	2.4-130					. ,					
Detour Length	(km)	1											
Bridge Culvert		nation											
Number of Culv	/erts	1	1							I			
Pipe #	ipe # Barrel		Span	Rise (or Dia.)		Type	L	_ength		Corr. Profile	PI./Slab Thickness	Shape	
2	MAIN FULL LINER			1200	MP		9	91		125X26		ROUND	
Special Feature	 es	5	STORM WATE	R DRAIN						ı	1		
Special Feature													
opena. r catar													
					Uti	lities (L	Located a	t)					
Utility Attachme													
Telephone	West	r/w.					Gas						
Power							Municipa						
Others							Problem	(Y/N) N	10				
Remarks													
						1	d / Embar						
11					Last	Now	Explana	tion of C	ondi	tion			
Horizontal Align					9	9	-						
Vertical Alignment		00.000		8	8								
Roadway Width	n (m)		29.000										
Embankment			_		7	7							
Sideslope (:1) 7.0													
(Height of Co	ver(m) :	: 7)	_										
Guardrail (Y/N)			No										
Approach Roa	d / Eml	bankmen	t General Rati	ing	8	8							
						Upstre	am End						
Culvert Compo	onent					Now		tion of Co	ondi	tion			
Direction			E		•								
End Treatment Others, None)	(Concre	ete, Steel	, STEEL										
Headwall				Х	Х								
Collar	Collar				Х	X							
Wingwalls				Х	X								
(Shape:)													
(Shape:)													

77747 -1 Bridge Culvert

			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)	100			
Scour Protection		7	N	Snow covered.
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		7	N	
Beavers (Y/N)	No			
Upstream End General Rating		7	7	
Culturant Common and			Now	Ivert Barrel
Culvert Component (Pipe # : 2, Primary Span, Loca	tion Code: MAIN Sno	Last		Explanation of Condition , Rise (mm): 1200, Type: MP)
Barrel Last Accessible Date	lion code. MAIN, Spa	(ı <u>).</u>	
Barrer Last Accessible Date				Not bridge-sized; over 1/2 full of ice. Viewed from ends, looks good.
Special Features				
Special Feature		N	N	
(Type: STORM WATER DRAI	N)			
Special Feature	·			
(Type:)				
Roof		N	N	
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)				
Percent Sag				
Sidewall		N	N	
Measured Span (mm)				
Measured At Ring No.				
Deflection (mm)				
Percent Deflection				
Floor		N	N	
Bulge (mm)				
Measured At Ring No.				
Abrasion (Y/N)				
Circumferential Seams		N	N	
Separation (mm)				
Longitudinal Seams		Х	Х	
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		7	7	
Corrosion By Soil (Y/N)				
Corrosion By Water (Y/N)				
Camber POS/ZERO/NEG				
Ponding (Y/N)	Yes			

77747 -1 Bridge Culvert

		Bric	lge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Primary Span, Locat	tion Code: MAIN, Spa	n (mm):	, Rise (mm): 1200, Type: MP)
Fish Passage Adequacy		Х	Х	
Baffle		N	N	
(Type:)				
Waterway Adequacy		6	6	
Icing (Y/N)				
Silting (Y/N)				
Drift (Y/N)				
Barrel General Rating		N	N	
		D	ownstr	ream End
Culvert Component		Last	Now	Explanation of Condition
Direction		W		
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	X	
Collar		X	X	
Wingwalls		Х	Х	
(Shape:)				
Cutoff Wall		X	X	
Bevel End		7	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	100			
Scour Protection		7	N	Snow covered.
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		7	N	Snow covered.
Beavers (Y/N)	No			
Downstream End General Ratio	ng	7	7	
		S	1	re Usage
		Last	Now	Explanation of Condition
Channel (U/S and D/S)				
Alignment		5	5	Channel takes 90 degree turn @ outlet.
Bank Stability		7	7	
HWM (m below Top of Culvert)				HWM not visible.
Drift (Y/N)	No			
Channel Bottom Degrading/Aggrading				Unknown.
Beavers (Y/N)	No			
(Fish Compensation Measure 1 :	NONE)			
(Fish Compensation Measure 2 :	NONE)			
Channel General Rating		5	5	

		Maintenance Re	commendations				
Inspector Recommendations	Year	Inspector Comments	Department Comn	nents	Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS		·					
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
INSTALL CONCRETE/STEEL LINING	3						
INSTALL STRUTS							
INSTALL CONCRETE COLLAR/CUTO	OFF						
REPAIR SEAMS							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/N (%)	low) 55.6/55	Sufficiency Rating (Last/N (%)	low) 59.3/59.2	Est. Repl. Yr 2	Maint. R	eqd. (Y/N)	No
Special Service road outlet Remove from active Next Inspection	provides good a e inspection list;	access without disruption to HWY 2 trafi not bridge-sized, limited access, single	Department Comments				
Maintenance Reviewed By			Date		Estimated Total	al 0	
Proposed Long-Term Strategy							
On 3-Year Program (Y/N)							
Proposed Action							
Previous Inspector's Name	Owen Salava		Previous Assistant's Name				
			Previous Inspection Date	11-Aug-2011			
Next Inspection Date	13-Dec-2014		Previous inspection Date	11-Aug-2011			
Next Inspection Date Inspection Cycle (Default) (months)	13-Dec-2014 21		Frevious inspection Date	11-Aug-2011			