					Br	dde	CIIIV	ert Inspection				
Bridge File Nu	mber	81672 -1 Bridge Culvert				luge ourve		Form Type	CUL1			
Year Built		1992						Lot No.	4			
Bridge or Town Name LONGVIEW							Inspector Name	Garry Roberts				
					SP			Inspector Class	BR CLS A			
Located On 22:08 C1 37.116								Assistant Name				
Water Body Cl	l./Year							Assistant Class				
Navigabil. Cl./\								Inspection Date	05-Jun-2012			
Legal Land Lo		SW SE	C 26 TWP 1	3 RGE	= 2 W5M	SM		Data Entry By	Kelsey Robert	ts		
Longitude, Lati			:22, 50:06:4		// 0101			Data Entry Date	5			
Road Authority			Transportat		і т)			Reviewer Name	09-Jul-2012			
Contract Main.	•	CMA27			n (AIT)			Review Date	Tom Carey 18-Jun-2012			
		12.2 /							Tim Davies			
Clear Roadwa <u>y</u> AADT/Year	y/Skew		2011 (A)					Dept. Reviewer Name	12-Jul-2012			
			2011 (A)					Dept. Review Date	12-JUI-2012			
Road Classific			1.8-110					Follow-Up By				
Detour Length		60										
Bridge Culver		ation	4									
Number of Cul			1	-		\ -		1 <i>1</i>	0		01	
Pipe #	Barrel		Span	Ris	se (or Dia	.)	уре	Length	Corr. Profile	PI./Slab Thickness	Shape ROUND	
1	MAIN		-	22	200	M	1P	29	125X26	2.8		
Special Featur										12.0		
Special Featur		mont										
								tormation				
Required Vert	Clearan	nce Posti	na (m)			Post	ting Ir	formation				
•						Post	ting Ir	normation				
Posted Vertica	al Cleara	nce (Y/N)		In Advan				n Bridge (m)	In Advar		
Required Vert. Posted Vertica Posted: Lane Remarks	al Clearai e NB	nce (Y/N On E			In Advance				n Bridge (m)	In Advar	nce (Y/N)	
Posted Vertica Posted: Lane	al Clearai e NB	nce (Y/N)			e (Y/	/N)	Lane SB C	n Bridge (m)	In Advar	nce (Y/N)	
Posted Vertica Posted: Lane Remarks	al Clearan NB Not re	nce (Y/N On E)			e (Y/	/N)		n Bridge (m)	In Advar	nce (Y/N)	
Posted Vertica Posted: Lane Remarks Utility Attachm	al Clearan NB Not re	nce (Y/N On E equired)			e (Y/	/N)	Lane SB C	n Bridge (m)	In Advar	nce (Y/N)	
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Alberta Transportation

Upstream End								
Culvert Component		Last	Now	Explanation of Condition				
Wingwalls			X					
(Shape :)								
Cutoff Wall			X					
Bevel End		7	7	Ingrown.				
Heaving (mm)	0							
Invert Above/Below Stream Bed	BELOW							
Above/Below (mm)	300		-					
Scour Protection		7	7					
(Type : NATURAL)								
(Avg. Rock Size(mm) :)			-					
Scour/Erosion		7	7					
Beavers (Y/N)	No							
Upstream End General Rating		7	7					
		Brid	lge Cu	lvert Barrel				
Culvert Component		Last	Now	Explanation of Condition				
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN, Spa	n (mm):	, Rise (mm): 2200, Type: MP)				
Barrel Last Accessible Date	05-Jun-2012							
Special Features								
Special Feature								
(Type :)								
Special Feature								
(Туре :)								
Roof		7	7	Estimate roof				
Measured Rise (mm)								
Measured At Ring No.								
Sag (mm)	60							
Percent Sag	2							
Sidewall		7	7					
Measured Span (mm)	2260							
Measured At Ring No.	2							
Deflection (mm)	60							
Percent Deflection	2							
Floor		N	N	200 mm dirt & rock, 300mm of water.				
Bulge (mm)								
Measured At Ring No.								
Abrasion (Y/N)								
Circumferential Seams	I	7	7					
Separation (mm)	45							
Longitudinal Seams		Х	X					
Total No. of Cracked Rings	0							
Total No. of Rings with Two Cracked Seams	0							
Min. Remaining Steel 0 Between Cracks (mm)								
Proper Lap (Y/N)								
Longitudinal Stagger (Y/N)								
Coating		6	6					
Corrosion By Soil (Y/N)	No							
Corrosion By Water (Y/N)	No							

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

81672 -1 Bridge Culvert

		Brid	dqe Cu	Ivert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN,	Span (mm):	, Rise (mm): 2200, Type: MP)
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy		X	X	
Baffle		X	X	
(Туре :)		I		
Waterway Adequacy		Х	Х	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			-
Barrel General Rating	1	7	7	
		D	ownst	ream End
Culvert Component		Last	Now	Explanation of Condition
Direction		Е		East
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		X	Х	
Collar		X	Х	
Wingwalls		X	X	
(Shape :)				
Cutoff Wall		Х	X	
Bevel End		8	8	Ingrown.
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	200			
Scour Protection		7	7	
(Type : NATURAL)				_
(Avg. Rock Size(mm) :)				
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Downstream End General Ration	ng	7	7	
		s	Structu	re Usage
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment			X	Water from Hwy 22 drains into this culvert.
Roadway Surface			6	Fenced off @ both ends - guide fence down @ both ends.
(Type : SOIL)				
Icing (Y/N)	No			
Traffic Safety Features		X	X	
Туре				
Lighting		Х	Х	
	No			
Barrel Leakage (Y/N)	No			

Structure Usage								
	Last Now Explanation of Condition							
Drainage		5	5	Ingrown @ both bevels - water unable to drain.				
tructure In Use (Y/N) No								
Grade Separation General Rating			5					

			Maintenance Rec	ommend	ations					
Inspector Recommendations		Year	Inspector Comments		Department Comments				Est. Cost	Cat #
SHOTCRETE REPAIRS										
PLACE ADDITIONAL RIP RAP										
REMOVE DRIFT ACCUMULATION										
INSTALL CONCRETE/STEEL LINING										
INSTALL STRUTS										
INSTALL CONCRETE COLLAR/CUTC)FF									
REPAIR SEAMS										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/Now) (%)		77.8/77.3	8 Sufficiency Rating (Last/No (%)	sw) 8	32.5/80.5	Est. Repl. Yr 2031		Maint. Re	qd. (Y/N)	No
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 Garry R			F	Assistant's Name						
Next Inspection Date 05-Mar-2			F	Previous I	s Inspection Date 08-Oct-2010					
Inspection Cycle (Default) (months)	21									
Comment										