Bridge File Number 71989 -1 Bridge Culvert Form Type CUL1 Year Built 1992 Inspector Name Garry Roberts Indige of Town Name LONGVIEW Inspector Name Garry Roberts Located Over RICE CREEK, 2:12:25:21, WATERCRS-ST Inspector Class BR CLS A Located Over 22:08 C1 45.482 Assistant Name Of-Jun-2012 Located Over 4.85513ant Class Data Entry Date 05-Jun-2012 Longitudo, Latitude 114:10:55, 50:11:11 Reviewer Name Tom Careg Contract Main. Area CMAZ7 Reviewer Name Tom Careg Contract Main. Area CMAZ7 Reviewer Name Tim Davies ADD TYPer Jage / 211.81:0 Dept. Reviewer Name Tim Davies ADD TYPer Fallow-Up B Tim Davies ADD ADD TYPer Fallow-Up B Tim Davies Special Fallow-Up B Pridge Culvert Information Rise (or Dia.) Type Length Corr. Profile PL/Stab Special Features Spen Rise (or Dia.) Type Length Corr. Profile PL/Stab Proder West ditch						Brida	e Culve	ert Inspe	ection						
Year Built 1992 Lot No. 4 Bridge or Town Name LONGVEW Garry Roberts Garry Roberts Located Ov 22:06 C1 45.482 Inspector Name Garry Roberts Inspector Name Water Body CL/Year 22:06 C1 45.482 Assistant Name BC LS A Water Body CL/Year Inspector Name 05-Jun-2012 Inspector Name 05-Jun-2012 Logal Location NM SEC 23 TWP 14 RGE 2 W5M Data Entry By Kelsey Roberts Inspector Name 05-Jun-2012 Longitude, Latifude 141:10:55, 50:11:11 Review Name Tom Carey OS-Jun-2012 Contract Main. Area CMA27 Review Name Tom Carey Inspector Name Inspector Name Class Rication RAU-211.8-110 Dept. Review Name Tom Carey Inspector Name Inspector Name Name of Culvert Rad Classification RAU-211.8-110 Dept. Review Name Tom Davies Inspector Name Storder Guiser Rad Quashing Rad Quashing Sp.7 <td>Bridge File Num</td> <td>ber 7</td> <td>'1989 -1</td> <td>Bridge Culve</td> <td>rt</td> <td></td> <td></td> <td colspan="3"></td> <td colspan="5">CUL1</td>	Bridge File Num	ber 7	'1989 -1	Bridge Culve	rt						CUL1				
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Alberta Transportation

		Upstream End						
Culvert Component		Last	Now	Explanation of Condition				
Bevel End		7	7	Rock in bevel.				
Heaving (mm)	0							
Invert Above/Below Stream Bed	BELOW							
Above/Below (mm)	200							
Scour Protection		7	7					
(Type : RIP RAP)								
(Avg. Rock Size(mm) : 1000)								
Scour/Erosion		7	7					
Beavers (Y/N)	Yes			10m and 30m U/S beaverdam				
Upstream End General Rating		7	7					
		Bric	lge Cu	lvert Barrel				
Culvert Component				Explanation of Condition				
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm)):	, Rise (mm): 3440, Type: SP)				
Barrel Last Accessible Date	05-Jun-2012							
Special Features	·							
Special Feature								
(Туре :)								
Special Feature								
(Туре :)			-					
Roof		8	8	Est. roof				
Measured Rise (mm)	3375							
Measured At Ring No.	10							
Sag (mm)	65							
Percent Sag	1							
Sidewall	·	8	8					
Measured Span (mm)	3495							
Measured At Ring No.	9							
Deflection (mm)	55							
Percent Deflection	1							
Floor		7	7	Rock at baffles				
Bulge (mm)	0							
Measured At Ring No.								
Abrasion (Y/N)	No							
Circumferential Seams		7	7					
Separation (mm)	0			1				
Longitudinal Seams	-	7	7					
Total No. of Cracked Rings	0			1				
Total No. of Rings with Two Cracked Seams	0			2N stagger				
Min. Remaining Steel Between Cracks (mm)	0							
Proper Lap (Y/N)	Yes			1				
Longitudinal Stagger (Y/N)	Yes			1				
Coating		5	5					
Corrosion By Soil (Y/N)	No			Minor superficial on floor				
Corrosion By Water (Y/N)	Yes							
Camber POS/ZERO/NEG	POS							
Ponding (Y/N)	No							

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

71989 -1 Bridge Culvert

		Brid	dae Cu	Ivert Barrel								
Culvert Component			Now	Explanation of Condition								
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa			, Rise (mm): 3440, Type: SP)								
Fish Passage Adequacy		7	7									
Baffle		7	7	Steel baffles at every 2nd ring								
(Type : WEIR)												
Waterway Adequacy			6									
Icing (Y/N)	No											
Silting (Y/N)	No											
Drift (Y/N)	No											
Barrel General Rating		8	7									
	Downstream End											
Culvert Component		Last	Now	Explanation of Condition								
Direction		E		East								
End Treatment (Concrete, Steel, Others, None)	STEEL											
Headwall	1	Х	Х									
Collar		Х	Х									
Wingwalls		Х	Х	_								
(Shape :)		,										
Cutoff Wall			X									
Bevel End			7	Minor denting from rock placement.								
Heaving (mm) 0												
Invert Above/Below Stream Bed ABOVE				-								
Above/Below (mm) 600												
Scour Protection			6									
(Type : RIP RAP)				_								
(Avg. Rock Size(mm) : 1100)												
Scour/Erosion			6	approx. 20m x 30m scour hole 15m D/S								
Beavers (Y/N)	No											
Downstream End General Ratin	ng	6	6									
		S	Structu	re Usage								
			Now									
Channel (U/S and D/S)												
Alignment			6	Stream curves to South @ D/S.								
Bank Stability			5	Vertical bank 2.5m @ North bank D/S, riprapped to 8m from invert.								
HWM (m below Top of Culvert)	1.0			Drift on top of headwall, up sideslope @ U/S. Medium sized drift.								
Drift (Y/N)	Yes											
Channel Bottom Degrading/Aggrading				beaverdam 30m U/S								
Beavers (Y/N) Yes												
(Fish Compensation Measure 1 :	NONE)											
(Fish Compensation Measure 2 :	NONE)											
Channel General Rating			6									

Maintenance Recommendations												
Inspector Recommendations		Year	Inspector Comments		Department Com	iments	Target Year	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/No (%)	ow)	88.9/77.8	8 Sufficiency Rating (Last/No (%)	w) 7	78.4/68.9	Est. Repl. Yr	2048 Maint.		qd. (Y/N)	No		
Special Comments for Next Inspection					Department Comments							
Maintenance Reviewed By					Date	Estimated Total 0						
Proposed Long-Term Strategy												
On 3-Year Program (Y/N)												
Proposed Action												
Previous Inspector's Name Garry R			P	Assistant's Name								
Next Inspection Date 05-		-2014	P	Previous I	nspection Date							
Inspection Cycle (Default) (months)	21											
Comment												