Image: Constraint of the state of the st	Shape ROUND ROUND							
Year Built 1988 Lot No. 4 Bridge or Town Name FORT MACLEOD Inspector Name Jason Rusu Inspector Name Jason Rusu Inspector Name Jason Rusu Inspector Name Bridge or Town Name FORT MACLEOD Inspector Name Jason Rusu Inspector Name Jason Rusu Inspector Name Jason Rusu Inspector Class BR CLS A Located On 2:06 C1 13.683 Assistant Name Assistant Name Og-Oct-2011 Data Entry By Alyssa Boynton Legal Land Location NE SEC 29 TWP 7 RGE 25 W4M Data Entry By Alyssa Boynton Data Entry By Alyssa Boynton Longitude, Latitude -113:20:43, 49:35:37 Reviewer Name Garry Roberts Review Date Og-Nov-2011 Og-Nov-2011 Contract Main. Area CMA26 Dept. Reviewer Name Tim Davies Clear Roadway/Skew 11.8 / Dept. Review Date 21-Nov-2011 Follow-Up By Inspector Length (m) 3 Bridge Culverts 2 Pipe # Barrel Span Rise (or Dia.) Type Length Corr. Profile PI/Slab Thickness S 1 MAIN -	ROUND							
Bridge or Town Name FORT MACLEOD Inspector Name Jason Rusu Located Over TRIBUTARY TO BELLY RIVER, 2.12.2.3, WATERCRS-ST Inspector Class BR CLS A Located On 2:06 C1 13.683 Assistant Name Assistant Class Water Body CL/Year Inspector Date 09-Oct-2011 Navigabil. CL/Year Data Entry Date 17-Nov-2011 Logal Land Location NE SEC 29 TWP 7 RGE 25 W4M Data Entry Date 17-Nov-2011 Longitude, Latitude 113:20:43, 49:35:37 Reviewer Name Garry Roberts Road Authority Alberta Transportation (AIT) Reviewer Name Garry Roberts Contract Main. Area CMA26 Dept. Review Date 09-Nov-2011 Clear Roadway/Skew 11.8 / Dept. Review Date 21-Nov-2011 AADT/Year 1,520 / 2010 (A) Follow-Up By Pilow-Up By Reidge Culvert Information Ruse (or Dia.) Type Length Corr. Profile PI/Slab Number of Culverts 2 Pipe # Barrel Span Rise (or Dia.) Type Length Corr. Profile PI/Slab Special Features Special Features Special Features Special Features 125X26 2.8 R Special Features Soment Sti	ROUND							
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Clear Roadway/Skew 11.8 /	ROUND							
AADT/Year 1,520 / 2010 (A) Image: Constant of the constant of th	ROUND							
Road Classification RAU-211.8-110 Image: Constant of the state o	ROUND							
Bridge Culvert InformationNumber of Culverts2Pipe #BarrelSpanRise (or Dia.)TypeLengthCorr. ProfilePL/Slab ThicknessS1MAIN-2200MP28125X262.8R2MAIN-1830MP31125X262.8RSpecial FeaturesSSSSSSUtilities (Located at)Vest ditchVest ditchGasCrosses 30m u/s & 10m south.PowerGasCrosses 30m u/s & 10m south.	ROUND							
Number of CuIVer2Pipe #BarrelSpanRise (or Dia.)TypeLengthCorr. ProfilePl./Slab ThicknessS1MAIN-2200MP28125X262.8R2MAIN-1830MP31125X262.8RSpecial FeatureVertice Vertice Vert	ROUND							
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Special Features Image: Special Features Special Features Comment Image: Special Features Utilities (Located at) Municipal Power East row and crosses South Municipal	ROUND							
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Special Features Counter of the second seco								
Utility Attachments Telephone West ditch Gas Crosses 30m u/s & 100m south. Power East row and crosses South Municipal								
Utility Attachments Telephone West ditch Power East row and crosses South Municipal								
Telephone West ditch Gas Crosses 30m u/s & 100m south. Power East row and crosses South Municipal								
Power East row and crosses South Municipal	ich Gas Crosses 30m u/s & 100m south							
Others Fiber optics in West row Problem (Y/N) No								
Remarks								
Approach Road / Embankment								
Last Now Explanation of Condition								
Horizontal Alignment 6 6 CURVE @ SOUTH								
Vertical Alignment 6 6 HILL @ NORTH								
Roadway Width (m) 11.800								
Embankment 7 7 1.2 m for 1800.								
Sideslope (:1) 4.0								
(Height of Cover(m) : 0.8)								
Guardrail (Y/N) No								
Approach Road / Embankment General Rating 6 6								
Upstream End								
Culvert Component Last Now Explanation of Condition								
(Pipe # : 1, Span Type: Primary Span)								
Direction N North pipe - west end.								
End Treatment (Concrete, Steel, STEEL Others, None)								
Headwall X X								
Collar X X								
Wingwalls X X								
(Shape :)								

				am End
Culvert Component	-	Last	Now	Explanation of Condition
(Pipe # : 1, Span Type: Primary	/ Span)		_	
Cutoff Wall		X	X	
Bevel End		7	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	200			
Scour Protection		6	6	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 250)				
Scour/Erosion		6	6	
Beavers (Y/N)	No		-	
Upstream End General Rating		6	6	
Culvort Component		1		Ivert Barrel
Culvert Component	tion Code: MAINL Co		Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca		an (mm	i):	, Rise (mm): 2200, Type: MP)
Barrel Last Accessible Date	09-Oct-2011			Also used as a cattlepass. NORTH PIPE
Special Features				
Special Feature				-
(Type:)				-
Special Feature				-
(Type :)				
Roof		7	7	
Measured Rise (mm)				_
Measured At Ring No.				Sag is estimated.
Sag (mm)	45			
Percent Sag	2			
Sidewall		7	7	Minor bulge at North sidewall RS
Measured Span (mm)	2245			
Measured At Ring No.	2			
Deflection (mm)	45			_
Percent Deflection	2			
Floor		N	7	(100mm dp concrete)
Bulge (mm)				
Measured At Ring No.				
Abrasion (Y/N)	No			
Circumferential Seams		6	6	
Separation (mm)	50			
Longitudinal Seams		Х	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		7	7	
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	No			

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

Bridge Culvert Barrel							
Culvert Component		Last Now		Explanation of Condition			
(Pipe # : 1, Primary Span, Location Code: MAIN, Spa				, Rise (mm): 2200, Type: MP)			
Camber POS/ZERO/NEG	NEG						
Ponding (Y/N)	No						
Fish Passage Adequacy		Х	X				
Baffle		X	Х				
(Type :)							
Waterway Adequacy		7	7				
Icing (Y/N)	No						
Silting (Y/N)	No						
Drift (Y/N)	No						
Barrel General Rating		7	7				
		D	ownstr	ream End			
Culvert Component		Last	Now	Explanation of Condition			
(Pipe # : 1, Span Type: Primary	Span)						
Direction		S		EAST, NORTH PIPE			
End Treatment (Concrete, Steel, Others, None)	STEEL						
Headwall		X	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)	300		-				
Scour Protection		7	7	-			
(Type : RIP RAP)							
(Avg. Rock Size(mm) : 250)							
Scour/Erosion		7	7				
Beavers (Y/N)	No						
Downstream End General Ratin	ıg	7	7				
			Upstre	am End			
Culvert Component		Last	Now	Explanation of Condition			
(Pipe # : 2, Span Type: Second	ary Span)						
Direction		N		South pipe - W. end.			
End Treatment (Concrete, Steel, Others, None)	STEEL		1				
Headwall		X	X				
Collar		X	Х				
Wingwalls		Х	Х				
(Shape :)							
Cutoff Wall		X	X				

Alberta Transportation

Upstream End								
Culvert Component		Last	Now	Explanation of Condition				
(Pipe # : 2, Span Type: Second	lary Span)							
Bevel End		7	7	_				
Heaving (mm)	0							
Invert Above/Below Stream Bed	BELOW							
Above/Below (mm)	200							
Scour Protection		7	7					
(Type : RIP RAP)								
(Avg. Rock Size(mm) : 250)								
Scour/Erosion		7	7					
Beavers (Y/N)	No							
Upstream End General Rating		7	7					
		Brid	dae Cu	lvert Barrel				
Culvert Component			Now	Explanation of Condition				
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN,			, Rise (mm): 1830, Type: MP)				
Barrel Last Accessible Date	09-Oct-2011							
Special Features								
Special Feature								
(Type :)								
Special Feature								
(Type :)				-				
Roof		7	7	Est.				
	1732	1	1					
Measured Rise (mm)				-				
Measured At Ring No.	4			-				
Sag (mm)	98			-				
Percent Sag	5		-					
Sidewall	4000	7	7	-				
Measured Span (mm)	1863			-				
Measured At Ring No.	3			-				
Deflection (mm)	33			-				
Percent Deflection	2		<u> </u>					
Floor	0	N	6	-				
Bulge (mm)	0			-				
Measured At Ring No.	Na			-				
Abrasion (Y/N)	No		-					
Circumferential Seams	50	7	7					
Separation (mm)	50							
Longitudinal Seams		X	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		5	5	Minor superficial corrosion at haunch				
Corrosion By Soil (Y/N)	No			of d/s & u/s bevel.				
Corrosion By Water (Y/N)	Yes							
Camber POS/ZERO/NEG	NEG							

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

Bridge Culvert Barrel								
Culvert Component			Now					
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, S	Span (r	mm):	, Rise (mm): 1830, Type: MP)				
Ponding (Y/N)	No							
Fish Passage Adequacy		X	X					
Baffle		X	Х					
(Type :)								
Waterway Adequacy		7	7					
Icing (Y/N)	No							
Silting (Y/N)	No							
Drift (Y/N)	No							
Barrel General Rating		7	7					
		D	ownst	ream End				
Culvert Component		Last		Explanation of Condition				
(Pipe # : 2, Span Type: Second	lary Span)							
Direction		S		EAST END SOUTH PIPE				
End Treatment (Concrete, Steel, Others, None)	STEEL							
Headwall	1	Х	X					
Collar		X	Х					
Wingwalls		X	X					
(Shape :)								
Cutoff Wall		X	X					
Bevel End	-	7	7					
Heaving (mm)	0							
Invert Above/Below Stream Bed	BELOW			_				
Above/Below (mm)	300							
Scour Protection		7	5	-				
(Type : RIP RAP)				-				
(Avg. Rock Size(mm) : 250)								
Scour/Erosion		7	5	Outlet perched 300mm				
Beavers (Y/N)	No							
Downstream End General Ration	ng	7	5					
		s	Structu	re Usage				
		Last	Now	Explanation of Condition				
Channel (U/S and D/S)								
Alignment		6	6					
Bank Stability		7	7					
HWM (m below Top of Culvert)	0.4		1	U/S grass accumulation on fence.				
Drift (Y/N)	No							
Channel Bottom Degrading/Aggrading	AGGRADING							
Beavers (Y/N)	No							
(Fish Compensation Measure 1 :	NONE)							
(Fish Compensation Measure 2 :								
Channel General Rating		6	6					

Maintenance Recommendations											
Inspector Recommendations	or 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) 77.8/7 (%)		77.8/77.	.8 Sufficiency Rating (Last/ (%)	Now)	ow) 74.2/72.2 Est. F		2039 Maint. F		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 Roberts			Previous	Assistant's Name							
Next Inspection Date	09-Jul-	2013		Previous	Inspection Date	22-Jan-2010					
Inspection Cycle (Default) (months)	21										
Comment											