Bridge or Town Name located Or201 - UForm Type Inspector Name Brian PientschOLLM4Stadge or Town Name Located OrStade TCURSE, WATER CRS-NIInspector ClassBrian Pientsch	Bridge Culvert Inspection														
Year Built 201 Uot No. 4 Bidge or Town Name Brian Pleniach Inspector Class BR CLS A Located On 68:06 Cl 48:640 Assistant Name Clem Guenette Water Boht OLY Vari Assistant Name Inspector Date 12-Aan-2012 Legal Land Location NW SEC IS TWP 110 RE 21 WSM Data Entry Date 04-Mar-2012 Legal Land Location NW SEC IS TWP 110 RE 21 WSM Data Entry Date 04-Mar-2012 Road Authority Abberta Transportation (AIT) Review Date 26-Feb-2012 Clear Roadway/Skw 11/7:30:54, 58:33:12 Data Entry Date 04-Mar-2012 Road Authority Abbreta Transportation (AIT) Review Date 26-Feb-2012 Clear Roadway/Skw 1/17.10 deg. Degt. Review Date 26-Feb-2012 Clear Roadway/Skw 1/17.00 deg. Degt. Review Date 26-Feb-2012 Clear Roadway/Skw 1/17.00 deg. Degt. Review Date 26-Feb-2012 Clear Roadway/Skw 1/17.00 deg. Degt. Review Date 26-Feb-2012 Road Classification RAU-2114 Degt. Review Date 26-Feb-2012 Road Classification RAU-212 RAU-2012 Roadway/Skw State Planation of Cord. Sprecial Features Sprecial Features Sprecial Featur	Bridge File Nur	nber	86102 -	1 Bridge Culve						С	CULM				
Bridge or Town Name Inspector Name Bridn Plantsch Located Over WATER COURSE, WATER CRS-NI Inspector Class Br CLS A Located Over S5:06 C1 48.640 Assistant Name Clem Guenette Water Body CL/Year Assistant Class Data Entry By Theresa Lacusta Logal Authority Aberta Transportation (AIT) Bata Entry By Data Entry By Device Advance Logal Authority Aberta Transportation (AIT) Reviewer Name Eric Carcoux Zorroux Contract Main, Area CMA01 Eric Carcoux 20 Feb-2012 Carcoux Contract Main, Area CMA01 Reviewer Name Data Minifysion 30-Mar-2012 AbDT/Year 700 / 2011 (Å) Dept. Reviewer Name Data Minifysion 30-Mar-2012 AbdT Year 700 / 2011 (Å) Span Rise (or Dia) Type Longth Trickness Shape AbdT Year 1829 SSP 30 125X26 12.5 ROUND Spacial Features Span Rise (or Dia) Type Longth Trickness Ro				0											
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Lacated On 58:06 C1 48.640 Assistant Name Clem Guenette Water Body CL/Vear Assistant Class Inspecion Date 12.Jan-2012 Image: Clem Class Image: Clem Class <td< td=""><td>U</td><td></td><td>WATER</td><td>COURSE. WA</td><td>TERCRS-</td><td>·NI</td><td></td><td colspan="2"></td><td></td><td colspan="4"></td></td<>	U		WATER	COURSE. WA	TERCRS-	·NI									
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Special Features Utilities (Located at) Others Problem (Y/N) No Remarks Approach Road / Embankment Headway Width (m) 11.000 Upstream End Culvert Component Last Now Explanation of Condition Others (Y/N) Roadvay Width (m) 11.000 Upstream End Culvert Component Last Now Explanation of Condition (Pipe Primary Span) Direction N College Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"C	2	MAIN		-	1829				30						
Special Features Comment Utilities (Located at) Gas Power 4 wire o/h, 50m South Gas Power 4 wire o/h, 50m South Municipal Others Gas Problem (Y/N) No Remarks Problem (Y/N) No Remarks Embankment Last Now Explanation of Condition Approach Road / Embankment N End Colver(m) : 0.4) Upstreame Colver(Component Last No Approach Road / Embankment General Rating 8 Colver(Component Last No Colver (Concrete, Steel, STEEL N West pipe Collar X Collar X															
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Approact- Road / Embankment Last Now Explanation of Condition Horizontal Alignment 8 Approach 300m East on North side. Vertical Alignment 9 9 Roadway Width (m) 11.000 9 Embankment 5.0 8 Sideslope (_:1) 5.0 5.0 (Height of Cover(m) : 0.4) 0 9 Guardrail (Y/N) No 9 Approach Road / Embankment General Rating Batter Culvert Component Last Now End Treatment (Concrete, Steel, Others, None) STEEL Vest pipe Headwall STEEL X Collar X X	Others							Probler	m (Y/N) No	0					
Image: space of the system	Remarks														
Horizontal AlignmentImage: Marking the set of the s															
Vertical Alignment 9 Roadway Width (m) 11.000 Image: Constraint of Constraint of Constraint of Constraint of Constraint of Constraint of Cover(m): 0.4) 8 Sideslope (:1) 5.0 Image: Constraint of Cover(m): 0.4) Guardrail (Y/N) No Image: Constraint of Cover(m): 0.4) Approach Road / Embankment General Rating 8 Culvert Component Last Now Explanation of Condition Image: Constraint of Condition (Pipe #: 1, Span Type: Primary Span) Explanation of Condition Direction N Image: Constraint of Condition End Treatment (Concrete, Steel, STEEL Image: Constraint of Constraint of Condition Others, None) STEEL Image: Constraint of Constra						Last			-						
Roadway Width (m)11.000IIEmbankment5.08Sideslope (:1)5.0I(Height of Cover(m) : 0.4)NoIGuardrail (Y/N)NoIApproach Road / EmbankmentGeneral Rating 8 Culvert ComponentGeneral Rating 8 Culvert ComponentLastNowEmbankment (Concrete, Steel, STEELNExplanation of ConditionDirectionNVEnd Treatment (Concrete, Steel, STEELXOthers, None)STEELXWingwallsX								Appioa	CH SUUIII Ea	151 011	North Side.				
Embankment8Sideslope (_:1) 5.0 (Height of Cover(m) : 0.4)Guardrail (Y/N)NoNo8Approach Road / Embankment General Rating8Culvert ComponentLatsNowEnd Treatment (Concrete, Steel, Others, None)STEELNoVest pipeEnd Treatment (Concrete, Steel, Others, None)STEELNeadwallXCollarXWingwallsX				11.000			9								
Sideslope (:1) 5.0 Image: Constraint of Cover(m): 0.4) Guardrail (Y/N) No Image: Constraint of Cons	Ruauway Wiuli	1 (11)		11.000											
(Height of Cover(m) : 0.4) No Guardrail (Y/N) No Approach Road / Embankment General Rating 8 Culvert Component Last Now End Treatment (Concrete, Steel, Others, None) STEEL Headwall STEEL X Vingwalls X	Embankment			· ·			8								
Guardrail (Y/N) No Image: Mode of Contract of C	Sideslope (_:1)		5.0											
Approach Road / Embankment General Rating 8 Upstream End Culvert Component Last Now Explanation of Condition (Pipe # : 1, Span Type: Primary Span) Vest pipe Vest pipe Direction N Vest pipe End Treatment (Concrete, Steel, Others, None) STEEL Vest pipe Headwall V X Collar X X	(Height of Co	ver(m)	: 0.4)												
Image: Constraint of the straint o	Guardrail (Y/N)			No											
Culvert ComponentLastNowExplanation of Condition(Pipe # : 1, Span Type: Primary SpanNVDirectionNVEnd Treatment (Concrete, Steel, STEELIVHeadwallSTEELICollarXXWingwallsXX	Approach Roa	ad / Eml	bankmei	nt General Rat	ing		8								
Culvert ComponentLastNowExplanation of Condition(Pipe # : 1, Span Type: Primary SpanNVDirectionNVEnd Treatment (Concrete, Steel, STEELIVHeadwallSTEELICollarXXWingwallsXX							Upstre	am End							
(Pipe # : 1, Span Type: Primary Span) Direction N West pipe End Treatment (Concrete, Steel, STEEL ✓ Vest pipe Headwall Image: Steel S	Culvert Comp	onent						1		onditio	n				
Direction N West pipe End Treatment (Concrete, Steel, STEEL I I Others, None) STEEL X Headwall I X Collar X Wingwalls I	(Pipe # : 1, Sp	an Typ	e: Prima	ry Span)											
End Treatment (Concrete, Steel, STEEL Others, None) Headwall Collar Wingwalls X	Direction					N		West p	ipe						
Headwall X Collar X Wingwalls X	End Treatment (Concrete, Steel, STEEL Others, None)														
Wingwalls X	Headwall						Х								
	Collar						Х								
(Shape:)	Wingwalls						Х								
	(Shape :)														

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Span Type: Primary	/ Span)			
Cutoff Wall			X	
Bevel End			9	
Heaving (mm)				
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	500			
Scour Protection			N	Snow covered
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion			N	Snow covered
Beavers (Y/N)	No			
Upstream End General Rating			9	
		Brid	dge Cu	lvert Barrel
Culvert Component				Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm):	, Rise (mm): 1829, Type: SSP)
Barrel Last Accessible Date	12-Jan-2012			
Special Features				
Special Feature				
(Type :)				
Special Feature				
(Type :)				
Roof			8	
Measured Rise (mm)	1798			@ cl
Measured At Ring No.				
Sag (mm)	Sag (mm) 31			
Percent Sag	2			
Sidewall			9	
Measured Span (mm)	1795			@ cl
Measured At Ring No.				
Deflection (mm)	34			-
Percent Deflection	2			
Floor			9	
Bulge (mm)				
Measured At Ring No.				-
Abrasion (Y/N)	No		1	
Circumferential Seams	I		9	
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			9	
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	No			

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

86102 -1 Bridge Culvert

	Bridge Culvert Barrel									
Culvert Component		Last	Now	Explanation of Condition						
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm):	, Rise (mm): 1829, Type: SSP)						
Camber POS/ZERO/NEG	ZERO									
Ponding (Y/N)	No									
Fish Passage Adequacy			9							
Baffle			Х							
(Туре :)										
Waterway Adequacy			9							
Icing (Y/N)	No									
Silting (Y/N)	No									
Drift (Y/N)	No									
Barrel General Rating			8							
		D	ownstr	eam End						
Culvert Component		Last		Explanation of Condition						
(Pipe # : 1, Span Type: Primary	v Span)									
Direction		S		West pipe						
End Treatment (Concrete, Steel, Others, None)	STEEL									
Headwall			X							
Collar			X							
Wingwalls			X							
(Shape :)										
Cutoff Wall			X							
Bevel End			9							
Heaving (mm)										
Invert Above/Below Stream Bed	BELOW									
Above/Below (mm)	100		1							
Scour Protection			N	Snow covered						
(Type : RIP RAP)										
(Avg. Rock Size(mm) : 300)										
Scour/Erosion	1		N	Snow covered						
Beavers (Y/N)	No									
Downstream End General Ration	ng		9							
			Upstre	am End						
Culvert Component			Now	Explanation of Condition						
(Pipe # : 2, Span Type: Second	ary Span)									
Direction		N		East pipe						
End Treatment (Concrete, Steel, Others, None)	STEEL									
Headwall			Х							
Collar			Х							
Wingwalls			Х							
(Shape :)			_							
Cutoff Wall			X							

Alberta Transportation

				am End					
Culvert Component		Last	Now	Explanation of Condition					
(Pipe # : 2, Span Type: Second	lary Span)		-						
Bevel End	1		9						
Heaving (mm)									
Invert Above/Below Stream Bed	BELOW			-					
Above/Below (mm)	500								
Scour Protection		N		Snow covered					
(Type : RIP RAP)				-					
(Avg. Rock Size(mm) : 300)									
Scour/Erosion			N	Snow covered					
Beavers (Y/N)	No								
Upstream End General Rating			9						
		Brid	dae Cu	lvert Barrel					
Culvert Component		Last		Explanation of Condition					
(Pipe # : 2, Secondary Span, Lo	ocation Code: MAIN, S	Span (r		, Rise (mm): 1829, Type: SSP)					
Barrel Last Accessible Date	12-Jan-2012								
Special Features									
Special Feature									
(Type:)									
Special Feature									
(Type :)									
Roof			9						
Measured Rise (mm)	1812		3						
Measured At Ring No.	1012			- @ cl					
Sag (mm) 17									
Percent Sag	1								
Sidewall			9						
Measured Span (mm)	1790		<u> </u>						
Measured At Ring No.	1750			@ cl Deflection inward					
Deflection (mm)	39								
Percent Deflection	2			-					
Floor	-		9						
Bulge (mm)			Ŭ						
Measured At Ring No.									
Abrasion (Y/N)	No			1					
Circumferential Seams			9						
Separation (mm)			J						
Longitudinal Seams			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			9						
Corrosion By Soil (Y/N)	No								
Corrosion By Water (Y/N)	No								
Camber POS/ZERO/NEG	ZERO								

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

Bridge Culvert Barrel									
Culvert Component		Last	Now	Explanation of Condition					
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, S	Span (r	nm):	, Rise (mm): 1829, Type: SSP)					
Ponding (Y/N)	No								
Fish Passage Adequacy			9						
Baffle			Х						
(Туре :)									
Waterway Adequacy			9						
Icing (Y/N)	No		_						
Silting (Y/N)	No								
Drift (Y/N)	No								
Barrel General Rating			9						
		D	ownstr	ream End					
Culvert Component		Last	1	Explanation of Condition					
(Pipe # : 2, Span Type: Second	ary Span)								
Direction	, - , , - ,	s		East pipe					
End Treatment (Concrete, Steel, Others, None)	STEEL								
Headwall			X						
Collar			Х						
Wingwalls			X						
(Shape :)		1	Λ						
Cutoff Wall			X						
Bevel End			9	_					
Heaving (mm)									
Invert Above/Below Stream Bed	BELOW			_					
Above/Below (mm)	100								
Scour Protection			N	Snow covered					
(Type : RIP RAP)				-					
(Avg. Rock Size(mm) : 300)									
Scour/Erosion			N	Snow covered					
Beavers (Y/N)	No								
Downstream End General Ration	ng		9						
		s	Structu	re Usage					
				Explanation of Condition					
Channel (U/S and D/S)			_						
Alignment			6	Ditch flow, must turn 90deg to enter pipes @ u/s end.					
Bank Stability			8						
HWM (m below Top of Culvert)				HWM not visible					
Drift (Y/N)	No								
Channel Bottom Degrading/Aggrading	NONE								
Beavers (Y/N)	No								
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	· · · · · · · · · · · · · · · · · · ·								
Channel General Rating			6						

Maintenance Recommendations												
Inspector Recommendations		Year	Inspector Comments		Department Com		Target Year	Est. Cost	Cat #			
SHOTCRETE REPAIRS												
PLACE ADDITIONAL RIP RAP												
REMOVE DRIFT ACCUMULATION												
INSTALL CONCRETE/STEEL LINING												
INSTALL STRUTS												
INSTALL CONCRETE COLLAR/CUTO	FF											
REPAIR SEAMS												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
Structural Condition Rating (Last/No (%)	w)	/88.9	Sufficiency Rating (Last/No (%)	ow) /	201.8 Est. Repl. Yr 2061		2061	Maint. Reqd. (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			F	Previous A	Assistant's Name							
Next Inspection Date 12-C		-2013	F	Previous I	nspection Date							
Inspection Cycle (Default) (months) 21												
Comment												