					Brido	e Culve	ert Insp	ection				
Bridge File Number 13343 -1 Bridge Culvert						Form Type		CULM				
Year Built 1988							Lot No	•				
Bridge or Town Name VALHALLA CEN						Inspector Name			Eric Carcoux			
Located Over TRIBUTARY TO BEAR RIVER, 8.10.58.18.2.17, WATERCRS-ST				Г		Inspec	tor Class		BR CLS A			
Located On			C1 17 702					nt Name				
Water Body Cl./Year							nt Class					
Navigabil. Cl./Year							tion Date		29-Apr-2013 Theresa Lacusta			
Legal Land Location SE SEC 15 TWP 74 RGE 1				GE 10 W6	M							
Longitude, Lati		-119:26	:27, 55:24:12	7 55:24:12				Data Entry Date 29-Apr-2013 Reviewer Name				
Road Authority		Alberta	Transportation	(AIT)			Reviewer Name					
Contract Main.		CMA05)5					Review Date Dept. Reviewer Name				
Clear Roadway	//Skew	9.9 / 0 0	deg.									
AADT/Year		680 / 20	012 (A)					Review Dat	ıe			
Road Classifica	ation	RAU-21					Follow	-ор ву				
Detour Length	(km)	13										
Bridge Culver	t Inform	nation										
Number of Cul	verts		2									
Pipe #	Barrel		Span	Rise (or D	Dia.)	Туре		Length		Corr. Profile	PI./Slab Thickness	Shape
1	MAIN		-	1400		MP		27		68X13	2.8	ROUND
2	MAIN		-	1400		MP		27		68X13	2.8	ROUND
Special Feature	es		VERT STEEL:	STRUTS								
Special Feature												
					Ut	ilities (L	ocated	at)				
Utility Attachme	ents						0					
Telephone							Gas	1				
Power Others							Municip	m (Y/N)				
Remarks							Floble	III (171 N)				
Remarks				Δn	nroa	ch Road	1 / Fmb	ankment				
					Last	Now		ation of C	ondit	ion		
Horizontal Aligi	nment				7							
Vertical Alignm					8							
Roadway Widtl	h (m)											
Embankment					7							
Sideslope (_:1)						1					
(Height of Co	ver(m) :	: 1.8)										
Guardrail (Y/N))											
Approach Roa	ad / Eml	bankme	nt General Rat	ing	7							
						Upstre	am End					
Culvert Comp	onent				Last	Now	Explan	ation of C	ondit	ion		
(Pipe # : 1, Sp	an Typ	e: Prima	ry Span)									
Direction					S							
End Treatment Others, None)	(Concre	ete, Stee	el,									
Headwall				Х								
Collar					Х							
Wingwalls				X								
(Shape:)												

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Span Type: Primary	Span)			
Cutoff Wall		Х		
Bevel End		6		
Heaving (mm)				
Invert Above/Below Stream Bed				
Above/Below (mm)				
Scour Protection		6		
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		7		
Beavers (Y/N)				
Upstream End General Rating		6		
		Brio	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Locat	ion Code: MAIN, Spa	n (mm):	, Rise (mm): 1400, Type: MP)
Barrel Last Accessible Date				
Special Features				
Special Feature		N		
(Type : VERT STEEL STRUTS)				
Special Feature				
(Type:)				
Roof		N		
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)				
Percent Sag				
Sidewall		N		
Measured Span (mm)				
Measured At Ring No.				
Deflection (mm)				
Percent Deflection				
Floor		N		
Bulge (mm)				
Measured At Ring No.				
Abrasion (Y/N)				
Circumferential Seams		N		
Separation (mm)				
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		N		
Corrosion By Soil (Y/N)				1
Corrosion By Water (Y/N)				1

		Brid	dge Cul	vert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Primary Span, Locat	ion Code: MAIN, Spa	n (mm):	, Rise (mm): 1400, Type: MP)
Camber POS/ZERO/NEG				
Ponding (Y/N)				
Fish Passage Adequacy		7		
Baffle		Х		
(Type:)				
Waterway Adequacy		6		
Icing (Y/N)				
Silting (Y/N)				
Drift (Y/N)				
Barrel General Rating		3		
(Pipe # : 1, Primary Span, Location Code: MAIN, Camber POS/ZERO/NEG Ponding (Y/N) Fish Passage Adequacy Baffle (Type :) Waterway Adequacy Icing (Y/N) Silting (Y/N) Drift (Y/N)		D	ownstr	eam End
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Span Type: Primary	Span)			
Direction		N		
End Treatment (Concrete, Steel, Others, None)				
Headwall		Х		
Collar		Х		
Wingwalls		X		
(Shape:)				
Cutoff Wall		Х		
Bevel End		5		
Heaving (mm)				
Invert Above/Below Stream Bed				
Above/Below (mm)			1	
		6		
		1	1	
Scour/Erosion		6		
Beavers (Y/N)				
Downstream End General Ratin	ıg	5		
				am End
_		Last	Now	Explanation of Condition
	ary Span)	I		
		S		
Others, None)			I	
		X		
Collar		Х		
Wingwalls		N		
(Shape:)				
Cutoff Wall		X		

			Upstre	am End
Culvert Component	l l	Last	Now	Explanation of Condition
(Pipe # : 2, Span Type: Second	ary Span)			
Bevel End		7		
Heaving (mm)				
Invert Above/Below Stream Bed				
Above/Below (mm)			_	
Scour Protection		6		
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		7		
Beavers (Y/N)				
Upstream End General Rating		6		
		Brid	dae Cu	Ivert Barrel
Culvert Component		ast	Now	Explanation of Condition
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, Sr	oan (r	nm):	, Rise (mm): 1400, Type: MP)
Barrel Last Accessible Date				
Special Features				
Special Feature		N		
(Type : VERT STEEL STRUTS)				
Special Feature				
(Type:)				
Roof		N		
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)				
Percent Sag				
Sidewall		N		
Measured Span (mm)				
Measured At Ring No.				
Deflection (mm)				
Percent Deflection				
Floor		N		
Bulge (mm)				
Measured At Ring No.				
Abrasion (Y/N)				
Circumferential Seams		N		
Separation (mm)				
Longitudinal Seams		Χ		
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		N		
Corrosion By Soil (Y/N)				
Corrosion By Water (Y/N)				
Camber POS/ZERO/NEG				
				A

		Brio	dge Cu	Ivert Barrel
Culvert Component		1		Explanation of Condition
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, S	Span (r		, Rise (mm): 1400, Type: MP)
Ponding (Y/N)				
Fish Passage Adequacy		7		
Baffle		Х		
(Type:)				
Waterway Adequacy		4		
Icing (Y/N)				
Silting (Y/N)				
Drift (Y/N)				
Barrel General Rating		4		
			ownetr	ream End
Culvert Component				Explanation of Condition
(Pipe # : 2, Span Type: Second	ary Snan)	Lasi	INOW	Explanation of Condition
	ary Spari)	N		
Direction		IN		
End Treatment (Concrete, Steel, Others, None)			1	
Headwall		N		
Collar		N		
Wingwalls		Х		
(Shape:)				
Cutoff Wall		Х		
Bevel End		7		
Heaving (mm)				
Invert Above/Below Stream Bed				
Above/Below (mm)				
Scour Protection		4		
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		4		
Beavers (Y/N)				
Downstream End General Ratio	ng	4		
			Y	
			Now	re Usage Explanation of Condition
Channel (U/S and D/S)		Last	INOW	Explanation of Condition
Alignment		5		
Bank Stability		7		
HWM (m below Top of Culvert)				
Drift (Y/N)				
Channel Bottom Degrading/Aggrading				
Beavers (Y/N)				
(Fish Compensation Measure 1 :	NONE)			
(Fish Compensation Measure 2 :				1
Channel General Rating	<u>-</u>	5		
				I and the second

Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action Previous Inspector's Name Department Comments Department Comments Department Comments Pestimated Total Previous Assistant's Name Brian Cote			Maintananaa D	o o o mmon dotion o					
SHOTCRETE REPAIRS PLACE ADDITIONAL RIP RAP REMOVE DRIFT ACCUMULATION INSTALL CONCRETE STEEL LINING INSTALL CONCRETE COLLAR/CUTOFF REPAIR SEAMS OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION Structural Condition Rating (Last/Now) (%) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy Date Estimated Total O Previous Inspection Date Next Inspection Date Previous Inspection Date Next Inspection Date 29-Jan-2015 Previous Inspection Date Next Inspection Date 29-Jan-2015 Previous Inspection Date 105-Jul-2011 Inspection Cycle (Default) (months) 21	Inapactor Decommendations	Voor			manta	Torget Veer	Fot Cost	Cot #	
PLACE ADDITIONAL RIP RAP REMOVE DRIFT ACCUMULATION INSTALL CONCRETE/STEEL LINING INSTALL STRUTS INSTALL STRUTS INSTALL CONCRETE COLLAR/CUTOFF REPAIR SEAMS OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION Structural Condition Rating (Last/Now) Special Comments for Next Inspection Maint. Reqd. (Y/N) Special Comments for Next Inspection Maint. Reqd. (Y/N) Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action Previous Inspector's Name Brian Pientsch Next Inspection Date 29-Jan-2015 Previous Inspection Date 05-Jul-2011 Inspection Cycle (Default) (months) 21		rear	Inspector Comments	Department Comi	Department Comments				
REMOVE DRIFT ACCUMULATION INSTALL STRUTS INSTALL STUTS INSTALL STUTS INSTALL CONCRETE COLLAR/CUTOFF REPAIR SEAMS OTHER ACTION OTHER ACT									
INSTALL CONCRETE/STEEL LINING INSTALL STRUTS INSTALL CONCRETE COLLAR/CUTOFF REPAIR SEAMS OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION Structural Condition Rating (Last/Now) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action Previous Inspector's Name Rian Pientsch Next Inspection Date 29-Jan-2015 Previous Inspection Date 05-Jul-2011 Inspection Cycle (Default) (months) 21								+	
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OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION Structural Condition Rating (Last/Now) (%) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action Previous Inspector's Name Rian Pientsch Next Inspection Date Previous Inspection Date 29-Jan-2015 Previous Inspection Date Department Comments Department Comments Department Comments Previous Assistant's Name Brian Cote Previous Inspection Date Department Comments Department Comments Previous Assistant's Name Brian Cote Previous Inspection Date Department Comments Department Comments Department Comments Previous Assistant's Name Brian Cote Previous Inspection Date Department Comments Department Comments Department Comments Department Comments Previous Assistant's Name Brian Cote Previous Inspection Date Department Comments Department Comments Department Comments Department Comments Department Comments Department Comments Department Comments Department Comments Department Comment								+	
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Structural Condition Rating (Last/Now) 33.3/ Sufficiency Rating (Last/Now) 41.2/ Est. Repl. Yr Maint. Reqd. (Y/N) Special Comments for Next Inspection Maintenance Reviewed By Date Estimated Total 0 Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action Previous Inspector's Name Brian Pientsch Previous Assistant's Name Brian Cote Next Inspection Date 29-Jan-2015 Previous Inspection Date 05-Jul-2011 Inspection Cycle (Default) (months) 21									
Comments for Next Inspection Maintenance Reviewed By Date Estimated Total O Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action Previous Inspector's Name Next Inspection Date 29-Jan-2015 Previous Inspection Date 11 Previous Inspection Date 12 Previous Inspection Date 13 Previous Inspection Date 14 Previous Inspection Date 15 Previous Inspection Date 16 Previous Inspection Date 17 Previous Inspection Date 17 Previous Inspection Date 18 Previous Inspection Date 19 Previous Inspection Date 19 Previous Inspection Date 10 Previous Inspection Date 10 Previous Inspection Date 10 Previous Inspection Date 10 Previous Inspection Date		ow) 33.3/	Sufficiency Rating (Last/	Now) 41.2/	Est. Repl. Yr	Maint. Re	qd. (Y/N)		
Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action Previous Inspector's Name Brian Pientsch Previous Assistant's Name Next Inspection Date 199-Jan-2015 Previous Inspection Date 199-Jan-2015 Previous Inspection Date 21	Special Comments for Next Inspection			Department Comments					
On 3-Year Program (Y/N) Proposed Action Previous Inspector's Name Brian Pientsch Previous Assistant's Name Brian Cote Next Inspection Date 29-Jan-2015 Previous Inspection Date 05-Jul-2011 Inspection Cycle (Default) (months)	Maintenance Reviewed By			Date		Estimated Total	I 0		
Previous Inspector's Name Brian Pientsch Previous Assistant's Name Brian Cote Next Inspection Date 29-Jan-2015 Previous Inspection Date O5-Jul-2011 Inspection Cycle (Default) (months)	Proposed Long-Term Strategy								
Previous Inspector's Name Brian Pientsch Previous Assistant's Name Brian Cote Next Inspection Date 29-Jan-2015 Previous Inspection Date 05-Jul-2011 Inspection Cycle (Default) (months)	On 3-Year Program (Y/N)								
Next Inspection Date 29-Jan-2015 Previous Inspection Date 05-Jul-2011 Inspection Cycle (Default) (months) 21	Proposed Action								
Inspection Cycle (Default) (months) 21	Previous Inspector's Name	Brian Pientsch		Previous Assistant's Name	Brian Cote				
Inspection Cycle (Default) (months) 21	Next Inspection Date	29-Jan-2015		Previous Inspection Date	05-Jul-2011				
	<u> </u>	+		1					