Bridge Culvert Inspection												
Bridge File Nur	mber 8	86084 -	-1 Bridge Culve	rt		Form ⁻	Гуре		CULM			
Year Built 2003					Lot No							
Bridge or Town	Name I	HYTHE				Inspec	tor Name		Eric Carcoux			
Pear Built 2003 Bridge or Town Name HYTHE Located Over WATERCOUR Located On 43:00 C1 31.74 Water Body CI./Year Navigabil. CI./Year Legal Land Location NE SEC 23 TV Longitude, Latitude -119:34:30, 55 Road Authority Alberta Transp Contract Main. Area CMA05 Clear Roadway/Skew 15 / -4 deg. (LHADT/Year 4,140 / 2012 (AROADT/Year 4,140 / 2012 (AROADT/Year Barrel Span Barrel Span Barrel Span MAIN - Bridge Culvert Information Number of Culverts 2 Pipe # Barrel Span MAIN - Special Features Special Features Comment Utility Attachments Telephone Power Others Remarks Horizontal Alignment Vertical Alignment Roadway Width (m) Embankment Sideslope (:1) (Height of Cover(m): 1.5) Guardrail (Y/N) Approach Road / Embankment General			RCOURSE, WA	TERCRS-NI		Inspec	Inspector Class		BR CLS A			
Located On		43:00 C	C1 31.716			Assista	ant Name					
Year Built 2003 Bridge or Town Name HYTH Located Over WATE Located On 43:00 Water Body CI./Year Navigabil. CI./Year Legal Land Location NE SE Longitude, Latitude -119:3 Road Authority Alberta Contract Main. Area CMA0 Clear Roadway/Skew 15 / -4 AADT/Year 4,140 Road Classification RAU-2 Detour Length (km) 6 Bridge Culvert Information Number of Culverts Pipe # Barrel 1 MAIN 2 MAIN Special Features Special Features Comment Utility Attachments Telephone Power Others						Assista	ant Class					
Navigabil. Cl./Y	'ear					Inspec	tion Date		29-Apr-2013			
Legal Land Loc	cation	NE SE	C 23 TWP 73 R	GE 11 W6M		Data E	Data Entry By Theresa Lacusta					
Longitude, Latit	tude -	-119:34	1:30, 55:20:21			Data E	intry Date		29-Apr-2013			
Road Authority		Alberta	Transportation	(AIT)		Reviewer Name						
Pear Built 2003 Bridge or Town Name HYTH Located Over WAT Located On 43:00 Water Body CI./Year Navigabil. CI./Year Legal Land Location NE S Longitude, Latitude -119: Road Authority Alber Contract Main. Area CMA Clear Roadway/Skew 15 / - AADT/Year 4,140 Road Classification RAU-Detour Length (km) 6 Bridge Culvert Information Number of Culverts Pipe # Barrel 1 MAIN 2 MAIN Special Features Comment Utility Attachments Telephone Power Others Remarks Horizontal Alignment Vertical Alignment Roadway Width (m) Embankment Sideslope (:1) (Height of Cover(m): 1.5) Guardrail (Y/N) Approach Road / Embankment (Pipe #: 1, Span Type: Print Direction End Treatment (Concrete, Standard Concrete, Standa		CMA05	5			Revie	Review Date					
		deg. (LHF)				Dept. Reviewer Name						
AADT/Year		4,140 /	/ 2012 (A)				Review Da	te				
Road Classifica	ation I	RAU-2	13.4-120			Follow	-Up By					
Detour Length	(km)	6										
Bridge Culvert	t Informa	ation										
Number of Culv	verts		2									
Detour Length (km) 6 Bridge Culvert Information Number of Culverts 2 Pipe # Barrel Span Ris 1 MAIN - 152 2 MAIN - 152 Special Features Special Features Comment Utility Attachments		Rise (or Dia.)	Туре	9	Length		Corr. Profile	PI./Slab Thickness	Shape			
1	MAIN		-	1524	SSP	1	35.5			12.7	ROUND	
2	MAIN		-	1524	SSP	1	35.5			12.7	ROUND	
Special Feature	es											
Special Feature	es Comm	nent										
Little Attackers					tilities	(Located	at)					
	ents											
·												
	+					Proble	m (Y/N)					
Eridge File Number 80084 - 1 Bridge Culvert Form Type CULM												
A			1				Condit	ion				
Horizontal Align	nment				1101	LAPIGI	idiloli oi c	Jonan	1011			
Embankment				8								
	·1)											
. ,		1.5)										
Approach Roa	nd / Emba	ankme	nt General Rat	ing 7								
					Upst	ream End	I					
Culvert Compo	onent			Las				Condit	ion			
		: Prima	ary Span)									
				N								
End Treatment Others, None)	(Concret	te, Stee	el,									
Headwall				X								
Collar				X								
Wingwalls				X								
(0)	Vingwalls											

			Upstre	am End
Culvert Component		Last		Explanation of Condition
(Pipe # : 1, Span Type: Primary	Span)			
Cutoff Wall		Х		
Bevel End		8		
Heaving (mm)				
Invert Above/Below Stream Bed				
Above/Below (mm)				
Scour Protection		8		
(Type: RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		8		
Beavers (Y/N)				
Upstream End General Rating		8		
		Brid	dae Cu	lvert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN. Spa			, Rise (mm): 1524, Type: SSP)
Barrel Last Accessible Date	, , , , , , , , , , , , , , , , , , ,		,	,,, , , , , , , , , , , , ,
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		8		
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)				
Percent Sag				
Sidewall		8		
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		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		Х		
Corrosion By Soil (Y/N)				
Corrosion By Water (Y/N)				

		Brid	dge Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Primary Span, Locat	ion Code: MAIN, Spa	n (mm) :	, Rise (mm): 1524, Type: SSP)
Camber POS/ZERO/NEG				
Ponding (Y/N)				
Fish Passage Adequacy		8		
Baffle		Х		
(Type:)				
Waterway Adequacy		8		
Icing (Y/N)				
Silting (Y/N)				
Drift (Y/N)				
Barrel General Rating		8		
				eam End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Span Type: Primary	Span)	I		
Direction		S		
End Treatment (Concrete, Steel, Others, None)				
Headwall		Х		
Collar		Х		
Wingwalls		X		
(Shape:)		1		
Cutoff Wall		Х		
Bevel End		8		
Heaving (mm)				
Invert Above/Below Stream Bed				
Above/Below (mm)				
Scour Protection		8		
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)	1			
Scour/Erosion		8		
Beavers (Y/N)			_	
Downstream End General Ratin	ng	8		
			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Span Type: Second	ary Span)			
Direction		N		
End Treatment (Concrete, Steel, Others, None)				
Headwall		Х		
Collar		Х		
Wingwalls		X		
(Shape:)				
Cutoff Wall		X		

Upstream End								
Culvert Component	Last	Now	Explanation of Condition					
(Pipe # : 2, Span Type: Secondary Span)								
Bevel End	8							
Heaving (mm)								
Invert Above/Below Stream Bed								
Above/Below (mm)								
Scour Protection	8							
(Type : RIP RAP)								
(Avg. Rock Size(mm): 300)								
Scour/Erosion	8							
Beavers (Y/N)								
		1						
Upstream End General Rating	8							
			vert Barrel					
Culvert Component	Last		Explanation of Condition					
(Pipe #: 2, Secondary Span, Location Code: MAIN,	Span (r	nm):	, Rise (mm): 1524, Type: SSP)					
Barrel Last Accessible Date								
Special Features								
Special Feature								
(Type:)	-							
Special Feature								
(Type:)	'							
Roof	8							
Measured Rise (mm)								
Measured At Ring No.								
Sag (mm)								
Percent Sag								
Sidewall	8							
Measured Span (mm)								
Measured At Ring No.								
Deflection (mm)								
Percent Deflection								
Floor	N							
Bulge (mm)								
Measured At Ring No.								
Abrasion (Y/N)								
Circumferential Seams	8							
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	Х							
Corrosion By Soil (Y/N)								
Corrosion By Water (Y/N)								
Camber POS/ZERO/NEG								

		Brid	dae Cu	Ivert Barrel
Culvert Component				Explanation of Condition
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, §			, Rise (mm): 1524, Type: SSP)
Ponding (Y/N)				
Fish Passage Adequacy		8		
Baffle		Х		
(Type:)				
Waterway Adequacy		8		
Icing (Y/N)				
Silting (Y/N)				
Drift (Y/N)				
Barrel General Rating		8		
			ownetr	eam End
Culvert Component				Explanation of Condition
(Pipe # : 2, Span Type: Second	ary Snan)	Lasi	INOW	Explanation of Condition
	ary Spari)			
Direction End Treatment (Concrete, Steel,		S		
Others, None) Headwall		X		
Collar		Х		
Wingwalls		X		
(Shape:)			1	
Cutoff Wall		Х		
Bevel End		Х		
Heaving (mm)				
Invert Above/Below Stream Bed				
Above/Below (mm)				
Scour Protection		8		
(Type: RIP RAP)				
(Avg. Rock Size(mm): 300)				
Scour/Erosion		8		
Beavers (Y/N)				
Downstream End General Ratio	ng	8		
			Y	a Urana
		Last		re Usage Explanation of Condition
Channel (U/S and D/S)		LaSi	INOW	Explanation of Condition
Alignment		6		
Bank Stability		8		
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 :				
Channel General Rating		6		

		Mainten	ance Recommenda	ations					
Inspector Recommendations	Year	Inspector Comments		Department Comm	Tai	rget Year	Est. Cost	Cat #	
SHOTCRETE REPAIRS							-		
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION									
INSTALL CONCRETE/STEEL LINING	6								
INSTALL STRUTS									
INSTALL CONCRETE COLLAR/CUT	OFF								
REPAIR SEAMS									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
Structural Condition Rating (Last/N (%)	ow) 88.9/	Sufficiency Rating (%)	g (Last/Now) 8	85.8/ Est. Repl. Yr			Maint. Red	qd. (Y/N)	
Special Comments for Next Inspection				Department Comments					
Maintenance Reviewed By				Date		Estin	nated Total	0	
Proposed Long-Term Strategy									
On 3-Year Program (Y/N)									
Proposed Action									
Previous Inspector's Name	Brian Pientsch		Previous A	us Assistant's Name Brian Cote					
Next Inspection Date	29-Jan-2015		Previous Ir	nspection Date	04-Jul-2011				
Inspection Cycle (Default) (months)	21								
Comment									