

Bridge Culvert Inspection			
Bridge File Number	81471 -1 Bridge Culvert	Form Type	CUL1
Year Built	1997	Lot No.	
Bridge or Town Name	WATERCOURSE CULVERT ON HWY 801 NEAR WESTLOCREEK	Inspector Name	Eric Carcoux
Located Over	3RD ORDER TRIBUTARY TO PEMBINA RIVER, 8.11.84.13.2.1, WATERCRS-ST	Inspector Class	BR CLS A
		Assistant Name	
Located On	801:02 C1 3.792	Assistant Class	
Water Body Cl./Year		Inspection Date	24-Jan-2013
Navigabil. Cl./Year		Data Entry By	Brent Herrick
Legal Land Location	SW SEC 28 TWP 62 RGE 26 W4M	Data Entry Date	24-Jan-2013
Longitude, Latitude	-113:51:01, 54:23:24	Reviewer Name	
Road Authority	Alberta Transportation (AIT)	Review Date	
Contract Main. Area	CMA10	Dept. Reviewer Name	
Clear Roadway/Skew	11 / -15 deg. (LHF)	Dept. Review Date	
AADT/Year	240 / 2012 (A)	Follow-Up By	
Road Classification			
Detour Length (km)			

Bridge Culvert Information								
Number of Culverts		1						
Pipe #	Barrel	Span	Rise (or Dia.)	Type	Length	Corr. Profile	PI./Slab Thickness	Shape
1	MAIN	-	1800	MP	31			ROUND
Special Features								
Special Features Comment								

Utilities (Located at)			
Utility Attachments			
Telephone		Gas	
Power		Municipal	
Others		Problem (Y/N)	
Remarks			

Approach Road / Embankment				
	Last	Now	Explanation of Condition	
Horizontal Alignment				
Vertical Alignment				
Roadway Width (m)				
Embankment				
Sideslope (_ :1)				
(Height of Cover(m) :)				
Guardrail (Y/N)				
Approach Road / Embankment General Rating				

Upstream End				
Culvert Component	Last	Now	Explanation of Condition	
Direction				
End Treatment (Concrete, Steel, Others, None)				
Headwall				
Collar				
Wingwalls				
(Shape :)				
Cutoff Wall				

Upstream End				
Culvert Component		Last	Now	Explanation of Condition
Bevel End				
Heaving (mm)				
Invert Above/Below Stream Bed				
Above/Below (mm)				
Scour Protection				
(Type :)				
(Avg. Rock Size(mm) :)				
Scour/Erosion				
Beavers (Y/N)				
Upstream End General Rating				

Bridge Culvert Barrel				
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Location Code: MAIN, Span (mm): , Rise (mm): 1800, Type: MP)				
Barrel Last Accessible Date				
Special Features				
Special Feature				
(Type :)				
Special Feature				
(Type :)				
Roof				
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)				
Percent Sag				
Sidewall				
Measured Span (mm)				
Measured At Ring No.				
Deflection (mm)				
Percent Deflection				
Floor				
Bulge (mm)				
Measured At Ring No.				
Abrasion (Y/N)				
Circumferential Seams				
Separation (mm)				
Longitudinal Seams				
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				
Corrosion By Soil (Y/N)				
Corrosion By Water (Y/N)				
Camber POS/ZERO/NEG				
Ponding (Y/N)				

Bridge Culvert Barrel				
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Location Code: MAIN, Span (mm): , Rise (mm): 1800, Type: MP)				
Fish Passage Adequacy				
Baffle				
(Type :)				
Waterway Adequacy				
Icing (Y/N)				
Siltng (Y/N)				
Drift (Y/N)				
Barrel General Rating				
Downstream End				
Culvert Component		Last	Now	Explanation of Condition
Direction				
End Treatment (Concrete, Steel, Others, None)				
Headwall				
Collar				
Wingwalls				
(Shape :)				
Cutoff Wall				
Bevel End				
Heaving (mm)				
Invert Above/Below Stream Bed				
Above/Below (mm)				
Scour Protection				
(Type :)				
(Avg. Rock Size(mm) :)				
Scour/Erosion				
Beavers (Y/N)				
Downstream End General Rating				
Structure Usage				
		Last	Now	Explanation of Condition
Channel (U/S and D/S)				
Alignment				
Bank Stability				
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 : NONE)				
Channel General Rating				

Maintenance Recommendations						
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS						
PLACE ADDITIONAL RIP RAP						
REMOVE DRIFT ACCUMULATION						
INSTALL CONCRETE/STEEL LINING						
INSTALL STRUTS						
INSTALL CONCRETE COLLAR/CUTOFF						
REPAIR SEAMS						
OTHER ACTION						
OTHER ACTION						
OTHER ACTION						
OTHER ACTION						
Structural Condition Rating (Last/Now) (%)	/	Sufficiency Rating (Last/Now) (%)	/	Est. Repl. Yr		Maint. Req. (Y/N)
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			Previous Assistant's Name			
Next Inspection Date	24-Apr-2016		Previous Inspection Date			
Inspection Cycle (Default) (months)	39					
Comment						