

Bridge Culvert Inspection			
Bridge File Number	81822 -1 Bridge Culvert	Form Type	CUL1
Year Built	1993	Lot No.	
Bridge or Town Name		Inspector Name	Melanie Johnson
Located Over	TRAIL-ANIMAL	Inspector Class	BR CLS B
Located On	654:01 C1 19.411	Assistant Name	
Water Body Cl./Year		Assistant Class	
Navigabil. Cl./Year		Inspection Date	27-Aug-2011
Legal Land Location	SW SEC 4 TWP 58 RGE 5 W5M	Data Entry By	Brent Herrick
Longitude, Latitude	-114:41:10, 53:58:37	Data Entry Date	12-Sep-2011
Road Authority	Alberta Transportation (AIT)	Reviewer Name	Eric Carcoux
Contract Main. Area	CMA12	Review Date	07-Sep-2011
Clear Roadway/Skew		Dept. Reviewer Name	Brent Herrick
AADT/Year	110 / 2010 (A)	Dept. Review Date	12-Sep-2011
Road Classification		Follow-Up By	
Detour Length (km)			

Bridge Culvert Information								
Number of Culverts	1							
Pipe #	Barrel	Span	Rise (or Dia.)	Type	Length	Corr. Profile	Pl./Slab Thickness	Shape
1	MAIN	-	2200	MP	31	125X26	3.5	ROUND
Special Features	CONC FLOOR							
Special Features Comment								

Posting Information									
Required Vert. Clearance Posting (m)									
Posted Vertical Clearance (Y/N)									
Posted:	Lane	NB	On Bridge (m)	In Advance (Y/N)	Lane	SB	On Bridge (m)	In Advance (Y/N)	
Remarks									

Utilities (Located at)			
Utility Attachments			
Telephone		Gas	
Power	1 wire OH - North R/W	Municipal	
Others		Problem (Y/N)	No
Remarks			

Approach Road / Embankment				
		Last	Now	Explanation of Condition
Horizontal Alignment			7	
Vertical Alignment			7	
Roadway Width (m)	8.700			
Embankment			7	
Sideslope (___:1)	1.4			
(Height of Cover(m) :)				
Guardrail (Y/N)	No			
Approach Road / Embankment General Rating			7	

Upstream End				
Culvert Component		Last	Now	Explanation of Condition
Direction				
End Treatment (Concrete, Steel, Others, None)	NONE			
Headwall			X	
Collar			X	

Upstream End				
Culvert Component		Last	Now	Explanation of Condition
Wingwalls			X	
(Shape :)				
Cutoff Wall			X	
Bevel End			X	
Heaving (mm)	0			
Invert Above/Below Stream Bed				
Above/Below (mm)	0			
Scour Protection			X	
(Type :)				
(Avg. Rock Size(mm) :)				
Scour/Erosion			X	
Beavers (Y/N)	No			
Upstream End General Rating			7	

Bridge Culvert Barrel				
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Location Code: MAIN, Span (mm): , Rise (mm): 2200, Type: MP)				
Barrel Last Accessible Date	27-Aug-2011			
Special Features				
Special Feature			N	150mm concrete floor. Dirt covered.
(Type : CONC FLOOR)				
Special Feature				
(Type :)				
Roof			7	Estimated. Dirt covered.
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)				
Percent Sag	1			
Sidewall			7	
Measured Span (mm)	2215			
Measured At Ring No.	2			
Deflection (mm)	15			
Percent Deflection	1			
Floor			N	
Bulge (mm)	0			
Measured At Ring No.				
Abrasion (Y/N)	No			
Circumferential Seams			7	
Separation (mm)	0			
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			7	
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	No			

Bridge Culvert Barrel				
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Location Code: MAIN, Span (mm): , Rise (mm): 2200, Type: MP)				
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy			X	
Baffle			X	
(Type :)				
Waterway Adequacy			X	
Icing (Y/N)				
Siltng (Y/N)				
Drift (Y/N)				
Barrel General Rating			7	

Downstream End				
Culvert Component		Last	Now	Explanation of Condition
Direction				
End Treatment (Concrete, Steel, Others, None)	NONE			
Headwall			X	
Collar			X	
Wingwalls			X	
(Shape :)				
Cutoff Wall			X	
Bevel End			X	
Heaving (mm)	0			
Invert Above/Below Stream Bed				
Above/Below (mm)	0			
Scour Protection			X	
(Type :)				
(Avg. Rock Size(mm) :)				
Scour/Erosion			X	
Beavers (Y/N)	No			
Downstream End General Rating			7	

Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment			7	
Roadway Surface			6	
(Type :)				
Icing (Y/N)	No			
Traffic Safety Features			X	
Type				
Lighting			X	
Barrel Leakage (Y/N)	No			

Structure Usage				
		Last	Now	Explanation of Condition
Drainage			5	
Structure In Use (Y/N)	Yes			
Grade Separation General Rating			5	

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) (%)	/77.8	Sufficiency Rating (Last/Now) (%)	/82.3	Est. Repl. Yr	2030	Maint. Req. (Y/N)	No
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	27-Nov-2014		Previous Inspection Date				
Inspection Cycle (Default) (months)	39						
Comment							