

Bridge Culvert Inspection			
Bridge File Number	77382 -2 Bridge Culvert	Form Type	CUL1
Year Built	2011	Lot No.	4
Bridge or Town Name	FOX CREEK	Inspector Name	Russel Vanderschaaf
Located Over	TRIBUTARY TO IOSEGUN RIVER, 8.10.58.7.32.4.2, WATERCRS-ST	Inspector Class	BR CLS B
Located On	947:12 C1 16.447	Assistant Name	
Water Body Cl./Year		Assistant Class	
Navigabil. Cl./Year		Inspection Date	17-Jan-2013
Legal Land Location	NE SEC 22 TWP 61 RGE 18 W5M	Data Entry By	Theresa Lacusta
Longitude, Latitude	-116:36:41, 54:17:32	Data Entry Date	11-Feb-2013
Road Authority	Alberta Transportation (AIT)	Reviewer Name	Eric Carcoux
Contract Main. Area	CMA03	Review Date	23-Jan-2013
Clear Roadway/Skew	10 / 31 deg. (RHF)	Dept. Reviewer Name	David Morrison
AADT/Year	1,090 / 2011 (A)	Dept. Review Date	21-Mar-2013
Road Classification	RCU-210-110	Follow-Up By	
Detour Length (km)	999		

Bridge Culvert Information

Number of Culverts	1							
Pipe #	Barrel	Span	Rise (or Dia.)	Type	Length	Corr. Profile	Pl./Slab Thickness	Shape
1	MAIN	-	1829	SSP	105		12.8	ROUND
Special Features								
Special Features Comment								

Utilities (Located at)

Utility Attachments			
Telephone		Gas	
Power		Municipal	
Others		Problem (Y/N)	No
Remarks			

Approach Road / Embankment

		Last	Now	Explanation of Condition
Horizontal Alignment			7	in sag
Vertical Alignment			7	
Roadway Width (m)	10.000			
Embankment			7	Viewed snow covered.
Sideslope (__:1)	3.0			
(Height of Cover(m) : 10)				
Guardrail (Y/N)	No			
Approach Road / Embankment General Rating			7	

Upstream End

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

Upstream End				
Culvert Component		Last	Now	Explanation of Condition
Bevel End			9	
Heaving (mm)				
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	800			
Scour Protection			N	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion			N	
Beavers (Y/N)	No			
Upstream End General Rating			9	
Bridge Culvert Barrel				
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1 , Primary Span, Location Code: MAIN , Span (mm): , Rise (mm): 1829 , Type: SSP)				
Barrel Last Accessible Date				Couldn't access, snow/ice/water 0.6 from u/s crown.
Special Features				
Special Feature				
(Type :)				
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			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			N	
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): 1829, Type: SSP)				
Fish Passage Adequacy			9	
Baffle			N	
(Type :)				
Waterway Adequacy			9	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating			N	

Downstream End				
Culvert Component		Last	Now	Explanation of Condition
Direction		E		
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)	900			
Scour Protection			N	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion			N	
Beavers (Y/N)	No			
Downstream End General Rating			9	

Structure Usage				
		Last	Now	Explanation of Condition
Channel (U/S and D/S)				
Alignment			7	
Bank Stability			7	
HWM (m below Top of Culvert)	0.6			ice -17-Jan-2013
Drift (Y/N)	No			
Channel Bottom Degrading/Aggrading				stable
Beavers (Y/N)	No			
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating			7	

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) (%)	/55.6	Sufficiency Rating (Last/Now) (%)	/74.6	Est. Repl. Yr	2056	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	17-Apr-2016		Previous Inspection Date				
Inspection Cycle (Default) (months)	39						
Comment							