pe					
JND					
Municipal Problem (Y/N) No					
SSING.					

Alberta Transportation

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
Bevel End		8	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			_
Above/Below (mm)	500		-	
Scour Protection		7	7	
(Type : RIP RAP)				_
(Avg. Rock Size(mm) : 400)	(Avg. Rock Size(mm) : 400)		-	
Scour/Erosion		7	7	
Beavers (Y/N)	Yes			Cuttings near bevel.
Upstream End General Rating		6	6	
		Bric	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN, Spa	an (mm):	, Rise (mm): 6170, Type: SP)
Barrel Last Accessible Date	17-Jan-2007			Water 4.9m to crown.
				Viewed from ends, shape looks good.
Special Features				
Special Feature				
(Type :)			1	-
Special Feature				-
(Туре :)			1	
Roof	1	8	N	No rise measured due to ice on floor.2007-01-17
Measured Rise (mm)				_
Measured At Ring No.				_
Sag (mm)	0			_
Percent Sag				
Sidewall		8	N	
Measured Span (mm)	6185			-
Measured At Ring No.	5			-
Deflection (mm)	15			-
Percent Deflection	1			
Floor		N	N	Water covered
Bulge (mm)				
Measured At Ring No.				_
Abrasion (Y/N)				
Circumferential Seams		N	N	
Separation (mm)	0			
Longitudinal Seams		N	N	
Total No. of Cracked Rings	0			
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				2N STAGGER
Proper Lap (Y/N)	Yes			1
Longitudinal Stagger (Y/N)	Yes			1
Coating		7	N	Alkaline stains through roof and upper sidewall seams. Visible from
Corrosion By Soil (Y/N)	Yes			ends.
Corrosion By Water (Y/N)	Yes			- Staining.
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

78195 -1 Bridge Culvert

	Brid	dae Cu	Ivert Barrel
Culvert Component		Now	Explanation of Condition
(Pipe # : 1, Primary Span, Location Code: M			, Rise (mm): 6170, Type: SP)
Fish Passage Adequacy	8	8	
Baffle	X	X	
(Type:)		_	
Waterway Adequacy	7	7	-
Icing (Y/N) No			_
Silting (Y/N) No			_
Drift (Y/N) Yes			
Barrel General Rating		N	GR 8 -17-Jan-2007
		ownst	ream End
Culvert Component		Now	Explanation of Condition
Direction	E		Typical hairline vertical cracks.
End Treatment (Concrete, Steel, CONCRETE			
Others, None)		_	
Headwall	6	6	Transverse wide cracks every approx 800 mm.
Collar	6	6	
Wingwalls	X	X	
(Shape:)			
Cutoff Wall	N	N	
Bevel End		7	
Heaving (mm) 0	8		
Invert Above/Below Stream Bed BELOW			
Above/Below (mm) 500			-
Scour Protection	6	6	
(Type : RIP RAP)			
(Avg. Rock Size(mm) : 400)			-
Scour/Erosion	6	6	
Beavers (Y/N) No			
Downstream End General Rating	6	6	
	S	Structu	re Usage
			Explanation of Condition
Channel (U/S and D/S)			
Alignment	7	7	
Bank Stability		6	
HWM (m below Top of Culvert)			HWM not visible.
Drift (Y/N) Yes			
Channel Bottom AGGRADING Degrading/Aggrading	G		B/D 100 m U/S
Beavers (Y/N) Yes			1
(Fish Compensation Measure 1 : NONE)			
· · · · · · · · · · · · · · · · · · ·			
(Fish Compensation Measure 2 : NONE)			

Maintenance Recommendations											
Inspector Recommendations	Year Inspector Comments			Department Comments				Est. Cost	Cat #		
SHOTCRETE REPAIRS											
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
INSTALL CONCRETE/STEEL LINING											
INSTALL STRUTS											
INSTALL CONCRETE COLLAR/CUTC	DFF										
REPAIR SEAMS											
		Unable to access barrel last two inspections cycles, recommend Level 2 inspection as per bim manual.									
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/No (%)	ow) 55.6/55	6 Sufficiency Ra (%)	ting (Last/Now)	62.4/62.3	Est. Repl. Yr	2031	Maint. Red	qd. (Y/N)	Yes		
Special Comments for Next Inspection											
Maintenance Reviewed By				Date		E	Estimated Total	0			
Proposed Long-Term Strategy											
On 3-Year Program (Y/N)											
Proposed Action											
Previous Inspector's Name Brian Pientsch Previ			Previous /	s Assistant's Name Lisbeth Medina							
Next Inspection Date 12-Mar-2014 Pr			Previous I	bus Inspection Date 05-Aug-2010							
Inspection Cycle (Default) (months)	21										
Comment											