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Alberta Transportation

	Upstream End								
Culvert Component		Last	Now	Explanation of Condition					
Bevel End		7	7						
Heaving (mm)	0								
Invert Above/Below Stream Bed	BELOW			_					
Above/Below (mm)	500		1						
Scour Protection			7	_					
(Type : CONCRETE)				_					
(Avg. Rock Size(mm) :)									
Scour/Erosion		7	7						
Beavers (Y/N)	No								
Upstream End General Rating			5						
		Bric	dge Cu	Ivert Barrel					
Culvert Component				Explanation of Condition					
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa			· · ·					
Barrel Last Accessible Date	18-Feb-2013								
Special Features	·								
Special Feature									
(Type :)									
Special Feature									
(Туре :)									
Roof		5	5	AVG 300mm rock and silt on floor - has adequate arch.					
Measured Rise (mm)	1660			150mm diagonal hole in roof at ring #6 - rock filled.					
Measured At Ring No.	3			- Ice					
Sag (mm)	60								
Percent Sag	3								
Sidewall	•	7	7						
Measured Span (mm)	2810		,						
Measured At Ring No.	3			-					
Deflection (mm)	65			-					
Percent Deflection	2			-					
Floor	2	N	N	AVG 300mm ice					
Bulge (mm)									
Measured At Ring No.									
Abrasion (Y/N)									
Circumferential Seams		7	7						
Separation (mm)	0		1						
Longitudinal Seams	•	7	7						
Total No. of Cracked Rings	0		1						
Total No. of Rings with Two Cracked Seams	0								
Min. Remaining Steel	0								
Between Cracks (mm)	No			-					
Proper Lap (Y/N)	No			-					
Longitudinal Stagger (Y/N)	No		-						
Coating		6	6	Minor					
Corrosion By Soil (Y/N)	X								
Corrosion By Water (Y/N)	Yes								
Camber POS/ZERO/NEG	ZERO								
Ponding (Y/N)	No								

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

Bridge Culvert Barrel										
Culvert Component		Last		Explanation of Condition						
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	in (mm): 2745	, Rise (mm): 1720, Type: RPE)						
Fish Passage Adequacy			X							
Baffle			Х							
(Type :)										
Waterway Adequacy			8							
Icing (Y/N)	No									
Silting (Y/N)	No									
Drift (Y/N)	No									
Barrel General Rating	Barrel General Rating									
		D	ownstr	ream End						
Culvert Component		Last	Now	Explanation of Condition						
Direction	1	E		-						
End Treatment (Concrete, Steel, Others, None)	CONCRETE									
Headwall		7	7							
Collar		6	5	Joints foam filled. 6 mm wide cracks - partially foam filled.						
Wingwalls		X	Х							
(Shape :)										
Cutoff Wall			N							
Bevel End		7	7							
Heaving (mm)										
wert Above/Below Stream Bed BELOW										
Above/Below (mm) 300										
Scour Protection			6							
(Type : CONCRETE)				-						
(Avg. Rock Size(mm) :)			1							
Scour/Erosion			6							
Beavers (Y/N)	No									
Downstream End General Ratin	ng	6	5							
		S	Structu	re Usage						
		Last	Now	Explanation of Condition						
Channel (U/S and D/S)										
Alignment			8	90 degree bends @ both ends. Concrete lined canal.						
Bank Stability		7	7	SE concrete at channel breaking with 25 mm wide cracks						
HWM (m below Top of Culvert)	0.4			_						
Drift (Y/N)	No									
Channel Bottom Degrading/Aggrading				Irrigation canal - stable channel bottom						
Beavers (Y/N) No										
(Fish Compensation Measure 1 :	NONE)									
(Fish Compensation Measure 2 :	NONE)		1							
Channel General Rating			4							

Alberta Transportation

Maintenance Recommendations												
Inspector Recommendations		Year	Inspector Comments		Department Co	mmen	ts		Target Year	Est. Cost	Cat #	
SHOTCRETE REPAIRS		2014	Patch SE channel concrete 0.1 m 3 OHV	grout.								
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/No (%)	ow)	55.6/55.	6 Sufficiency Rating (Last/Now) (%)	6	63.7/59.8 Est. Repl. Yr 2031			2031	Maint. Reqd. (Y/N) Yes			
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 Tom Carey Previo					Assistant's Name							
Next Inspection Date	18-Nov	-2014	Prev	vious Ir	Inspection Date 18-May-2011							
Inspection Cycle (Default) (months) 21												
Comment												