					Duide	ıo Culve	art Inana	ation.						
Bridge File Nu	mbor	75210 -1 Bridge Culvert				Form Type				CUL1				
Bridge File Number 75210 -1 Bridge Culvert Year Built/Lined 1960/1994				11			Lot No.		4					
Bridge or Town Name DUCHES						Inspector Name			Jon Davies					
Located Over	IIIVallie							or Class		BR CLS B				
Located On										DIX OLO D				
Water Body Cl	/Year	30.00 0	1 3.040				Assistant Name Assistant Class							
Navigabil. Cl./Year					Inspection Date			11-Jan-2012						
						Data Entry By			Anne Roberts					
						Data Entry Date			27-Feb-2012					
							r Name		Garry Roberts					
Contract Main. Area CMA23							Date		20-Jan-2012					
									Name					
							Dept. Reviewer Name Dept. Review Date			11-Mar-2012				
Road Classific	ation		1,850 / 2010 (A) RAU-211.8-110							11 Mai-2012				
Detour Length		3					Follow-Up By							
Bridge Culver														
Number of Cul			1											
Pipe #	Barrel		Span	Rise (or Dia.)		Туре	l	Length		Corr. Profile	PI./Slab Thickness	Shape		
2	MAIN F	FULL	-	2400		MP		36		125X26	2.8	ROUND		
Special Featur	es		BARREL ELBO	OW										
Special Featur	es Com	ment												
								4)						
I Itility Attacked	a un tra				Ut	ilities (L	_ocated a	it)						
Utility Attachm	ens						Gas		40m \	Λ/				
Telephone Power HV X's road S & 1W 30m W						Municipa		40111 \	/ V					
Others							Problem (Y/N) No							
Others Water pipeline 40 m East Remarks						1 TODICITI	(1/14)	INO						
Romano				Ar	proa	ch Road	d / Embar	nkment						
							Explanation of Condition							
Horizontal Alig	nment				8	7	Rises to north. No passing both N&S							
Vertical Alignment				5	5	Limited	Limited sight distance.							
Roadway Widt	Roadway Width (m)		11.000											
Embankment					7	6	4:1 @ rc	4:1 @ road						
Sideslope (_	:1)		6.0				1							
(Height of Co		: 1.5)					1							
			No	No										
Approach Ro	ad / Eml	bankme	nt General Rat	ing	5	5								
						Upstre	am End							
Culvert Component				Last	Now Explanation of Condition									
Direction			W											
End Treatmen Others, None)	t (Concr	ete, Stee	I, STEEL											
Headwall				Х	X									
Collar				Х	Х									
Wingwalls				Х	X									
(Shape:)														
Cutoff Wall					Х	X								

75210 -1 Bridge Culvert

Upstream End										
Culvert Component		Last	Now	Explanation of Condition						
Bevel End		8	8							
Heaving (mm)	0									
Invert Above/Below Stream Bed										
Above/Below (mm)	300									
Scour Protection		8	8							
(Type : RIP RAP)										
(Avg. Rock Size(mm) : 250)										
Scour/Erosion		8	8							
	1									
Beavers (Y/N)	No									
Upstream End General Rating		8	8							
openeum Ena General Ruting										
	Ivert Barrel									
Culvert Component		Last	Now	Explanation of Condition						
(Pipe # : 2, Secondary Span, Lo		Span (r	nm):	, Rise (mm): 2400, Type: MP)						
Barrel Last Accessible Date	11-Jan-2012									
Special Features										
Special Feature			6	D/S bevel ring section has 5 degree elbow to North						
(Type : BARREL ELBOW)				Die beverning section has a degree cibew to North						
Special Feature										
(Type:)										
Roof		8	8							
Measured Rise (mm)	2420	0	0	_						
Measured At Ring No.	2			- Est						
Sag (mm)	0									
Percent Sag	0									
Sidewall			8							
Measured Span (mm)	2400	8								
Measured At Ring No.	2									
Deflection (mm)	0									
Percent Deflection	0									
Floor	, ,	N	N	400mm dark ice covered						
Bulge (mm)		- ' '		Toomin dark too sovered						
Measured At Ring No.										
Abrasion (Y/N)										
Circumferential Seams		N	6							
Separation (mm)	70	- ' '								
Longitudinal Seams		Х	Х							
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		5	5	Minor corrosion						
Corrosion By Soil (Y/N)	No									
Corrosion By Water (Y/N)	Yes									
Camber POS/ZERO/NEG	ZERO									
Ponding (Y/N)	No									

Bridge Culvert Barrel									
Culvert Component		Last	Now	Explanation of Condition					
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, S	, Rise (mm): 2400, Type: MP)							
Fish Passage Adequacy		Х	7						
Baffle		Х	Х						
(Type:)									
Waterway Adequacy		8	8						
Icing (Y/N)	No								
Silting (Y/N)	No								
Drift (Y/N)	No								
Barrel General Rating		8	8						
		D	ownstr	ream End					
Culvert Component		Last	Now	Explanation of Condition					
Direction		Е							
End Treatment (Concrete, Steel, Others, None)	STEEL								
Headwall		Х	Х						
Collar		Х	Х						
Wingwalls		Х	Х						
(Shape:)									
Cutoff Wall		Х	Х						
Bevel End		8	8						
Heaving (mm)	0								
Invert Above/Below Stream Bed	BELOW								
Above/Below (mm)	200								
Scour Protection		8	7						
(Type : RIP RAP)									
(Avg. Rock Size(mm) : 300)									
Scour/Erosion		8	7						
Beavers (Y/N)	No								
Downstream End General Ratin	ng	8	7						
		s	tructu	re Usage					
		Last	Now	Explanation of Condition					
Channel (U/S and D/S)									
Alignment		6	6	30 deg bend 5m u/s					
Bank Stability			6						
HWM (m below Top of Culvert) 1.0				No HWM visible					
Drift (Y/N)	(Y/N) No								
Channel Bottom Degrading/Aggrading	AGGRADING								
Beavers (Y/N)	No								
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating		6	6						

			Maintena	ance Recommer	dations					
Inspector Recommendations	Year	Inspecto	or Comments		Department Com	ments		Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS										
PLACE ADDITIONAL RIP RAP										
REMOVE DRIFT ACCUMULATION										
INSTALL CONCRETE/STEEL LINING	6									
INSTALL STRUTS										
INSTALL CONCRETE COLLAR/CUT	OFF									
REPAIR SEAMS										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/N (%)	ow) 88.9/8	8.9	Sufficiency Rating (Last/Now) (%)		86.2/85.0	Est. Repl. Yr	2039 Maint.		eqd. (Y/N)	No
Special Comments for Next Inspection					Department Comments					
Maintenance Reviewed By					Date		E	Estimated Tota	ı 0	
Proposed Long-Term Strategy										
On 3-Year Program (Y/N)										
Proposed Action										
Previous Inspector's Name	Tom Carey			Previous	s Assistant's Name					
Next Inspection Date	11-Oct-2013			Previous	s Inspection Date	22-Jun-2010				
Inspection Cycle (Default) (months)	21									
Comment										