				Brida	a Culve	art Inene	ection					
Bridge File Number	78273 -1 Bridge Culvert				e Curve	rert Inspection Form Type			CUL1			
Year Built	1997					Lot No.			1			
Bridge or Town Name						Inspector Name		Owen Salava				
Located Over		ER, 6.159.14,	WATER	CRS-S	 Т	i	or Class		BR CLS A			
Located On	752:02 C		***************************************		•	 	nt Name		B. (626 /)			
Water Body Cl./Year	702.02 0	1 0.000					nt Class					
Navigabil. Cl./Year							ion Date		09-Feb-2012			
Legal Land Location	NE SEC	15 TWP 36 R	GF 11 W	'5M		Data Entry By		Marcia Chavez	7			
Longitude, Latitude		08, 52:05:50				Data Entry Date		06-Mar-2012				
Road Authority		ransportation	(AIT)				Reviewer Name		John O'Brien			
Contract Main. Area	CMA18		()			Review Date		23-Feb-2012				
Clear Roadway/Skew	15 / 25 de	ea. (RHF)				-		Name	Andrew Smikle			
AADT/Year	150 / 2010 (A)				Dept. Review Date				15-Mar-2012			
Road Classification					Follow-Up By		10 11101 2012					
Detour Length (km)												
Bridge Culvert Inform									ı			
Number of Culverts	1											
Pipe # Barrel	S	pan	Rise (or	Dia.) Type			Length		Corr. Profile	Pl./Slab Thickness	Shape	
1 MAIN	-		3360		SP		62.8		152X51		ROUND	
Special Features											·	
Special Features Comr	ment											
				Uti	lities (L	ocated	at)					
Utility Attachments						_		1				
Telephone						Gas						
Power						Municipal						
Others						Probler	Problem (Y/N) No					
Remarks												
			A				nkment		tion			
Horizontal Alignment				Last	6	Explanation of Condition Curve in both directions.						
				7	7	In botto	m of sag	, uphill	s. grade both dire	ections. 3.2km	North of jct Hwy	
Roadway Width (m)	Vertical Alignment Roadway Width (m) 10.800		'		734/732	2.						
, , ,												
Embankment				4	6	_						
Sideslope (:1)		3.0										
(Height of Cover(m):	4.3)											
Guardrail (Y/N)		No										
Approach Road / Emb	oankment	General Rat	ing	6	6							
					- Upstr <u>e</u>	am End						
Culvert Component				Last	Now	1	ation of	Condi	tion			
Direction				W								
End Treatment (Concre Others, None)	ete, Steel,	CONCRETE										
Headwall				8	8							
Collar				5	5	Crackin	ıg both si	ides - p	hoto.			
\A/: II-				Х	X	1						
vvingwaiis				/ /		1						
Wingwalls (Shape:)												

78273 -1 Bridge Culvert

			Unstre	am End
Culvert Component		Last	Now	Explanation of Condition
Bevel End		8	8	Explanation of Condition
Heaving (mm)	0	- 0	0	
Invert Above/Below Stream Bed				
Above/Below (mm)	500		Ι	
Scour Protection		4	N	Snow covered.
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 400)			1	
Scour/Erosion		4	N	(SW embankment settled - photo. 05Jul2005).
Beavers (Y/N)	No			
Upstream End General Rating		4	4	GR carried forward from 05Jul2005.
		Bri	dae Cu	lvert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN S			, Rise (mm): 3360, Type: SP)
Barrel Last Accessible Date	09-Feb-2012	12421 (11111)	,-	Ice to 1m of roof.
Dailer Last Accessible Date	03-1 60-2012			ioo to fili of foot.
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		N	6	Unable to measure due to ice.
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)				
Percent Sag				
Sidewall		N	6	Unable to measure due to ice.
Measured Span (mm)		- 11		Official to friedsdire due to loc.
Measured At Ring No.				
Deflection (mm)				
Percent Deflection				
		N		
Floor		N	N	
Bulge (mm)				
Measured At Ring No.	NI-			
Abrasion (Y/N)	No			
Circumferential Seams		N	6	
Separation (mm)				
Longitudinal Seams		N	6	(4mm gap in sidewall seam D/S end / last ring. 2mm gap in roof seam R2. 00/01/26).
Total No. of Cracked Rings				35am NZ. 00/01/20).
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)	No			
Longitudinal Stagger (Y/N)	Yes			
Coating		N	6	
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	NEG			
Ponding (Y/N)	No			

78273 -1 Bridge Culvert

		Bric	lge Cu	lvert Barrel				
Culvert Component		Last	Now	Explanation of Condition				
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN, Spa	n (mm):	, Rise (mm): 3360, Type: SP)				
Fish Passage Adequacy		8	8					
Baffle		Х	Х					
(Type:)								
Waterway Adequacy		8	8					
Icing (Y/N)	Yes							
Silting (Y/N)	No							
Drift (Y/N)	No							
Barrel General Rating		6	6					
		D	ownstr	ream End				
Culvert Component		Last	Now	Explanation of Condition				
Direction		E						
End Treatment (Concrete, Steel, Others, None)	NONE		,					
Headwall		Х	Х					
Collar		X	X					
Wingwalls		Х	Х					
(Shape:)								
Cutoff Wall		Х	X					
Bevel End		8	7					
Heaving (mm)	0							
Invert Above/Below Stream Bed								
Above/Below (mm)	0							
Scour Protection		7	N	Snow covered.				
(Type : RIP RAP)								
(Avg. Rock Size(mm) : 350)								
Scour/Erosion		7	N					
Beavers (Y/N)	No							
Downstream End General Ratin	ng	7	7	Based on scour from 05Jul2005.				
		s	tructu	re Usage				
		Last	Now	Explanation of Condition				
Channel (U/S and D/S)								
Alignment		6	6					
Bank Stability		4	4	Minor vertical cutbank at NW bank.				
HWM (m below Top of Culvert)				HWM not visible.				
Drift (Y/N)	Yes			Deadfall in d/s channel.				
Channel Bottom Degrading/Aggrading	DEGRADING							
Beavers (Y/N)	No							
(Fish Compensation Measure 1 :	NONE)							
(Fish Compensation Measure 2 :	NONE)							
Channel General Rating		4	4					

			Maintenance Re	ecommen	dations					
Inspector Recommendations	Recommendations Year Inspector Comments					ments		Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS										
PLACE ADDITIONAL RIP RAP										
REMOVE DRIFT ACCUMULATION										
INSTALL CONCRETE/STEEL LINING	a									
INSTALL STRUTS										
INSTALL CONCRETE COLLAR/CUT	OFF									
REPAIR SEAMS										
OTHER ACTION	2012	Dewate	r and Level II inspection.							
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/N (%)	low) 66.7/	66.7/66.7 Sufficiency Rating (La (%)		Now)	71.4/71.0	Est. Repl. Yr	2050	Maint. Re	qd. (Y/N)	Yes
Special Check ASAP, barron Next Inspection	el measureme	nts, sag & de	eflection		Department Comments					
Maintenance Reviewed By					Date		E	stimated Tota	I 0	
Proposed Long-Term Strategy										
On 3-Year Program (Y/N)										
Proposed Action										
	Previous Inspector's Name Dave Lam Previou			In .	A = = != 4 = = 4!= A!= == =					
Previous Inspector's Name	Dave Lam			Previous	Assistant's Name					
Previous Inspector's Name Next Inspection Date	Dave Lam 09-May-201	5		1	Inspection Date	05-Jul-2005				
•		5		1		05-Jul-2005				