Bridge File Number 17678 - 1 Bridge Culvert Form Type CUL1						Brida	e Culve	ert Inspe	ection						
Vear Built	Bridge File Nun						o Guille				CUL1				
Inspector Class BR CLS B Assistant Name Assistant Class Inspection Date 24-Aug-2011 Assistant Name Assistant Class Inspection Date Inspecti	Year Built 1978							Lot No.							
Located Over TRIBUTARY TO PADDLE RIVER St.119.43.01.0, WATER EACH Assistant Name	Bridge or Town Name CAMPSIE							Inspector Name			Melanie Johnson				
Marie Body CL/Year Assistant Value Assistant Class Assistant Value Assistant Class Assista	Located Over		TRIBUT	ARY TO PADD	O PADDLE RIVER,			Inspector Class							
Water Body CL/Year Navigabli, Cloreted at) Navigabli, Cloreted					RCRS-ST			Assista	nt Name						
Navigabil. CL/Year Legal Land Location							Assista	nt Class							
Legal Land Location								Inspect	ion Date		24-Aug-2011				
Longitude, Latitude							Data Entry By			Theresa Lacus	sta				
Road Authority					E 5 W5M			Data E	ntry Date		12-Sep-2011				
Contract Main. Area CMA10		ude			(AIT)			Reviewer Name			Eric Carcoux				
Clear Roadway/Skew 8.2 / Dept. Review Date 15-Sep-2011		Δ.		·	(AII)			Review	Date		07-Sep-2011				
AADT/Year								Dept. Reviewer Name			Brent Herrick				
Road Classification RCU-209-110 14 14 15 16 16 16 16 16 16 16		/Skew		240 (4)				Dept. R	eview Da	ate	15-Sep-2011				
Detour Length (km) 14 Bridge Culvert Information Number of Culverts 1 Pipe # Barrel Span Rise (or Dia.) Type Length Corr. Profile Thickness Thickness Special Features Special Features Comment Utilities (Located at) Utility Attachments Telephone North r/w. Gas To east @ resident entrance. Power 2 lines north r/w. Municipal Problem (Y/N) No Remarks BF tag installed @ top of North end roof. Approach Road / Embankment Vertical Alignment 7 7 7 No passing to West. Roadway Width (m) 8.200 Embankment 4 5 Sideslope (_:1) 3.0 (Height of Cover(m): 3.7) Guardrail (Y/N) No Approach Road / Embankment General Rating 7 7 Upstream End Culvert Component Last Now Explanation of Condition Last Now Explanation of Condition Longitudinal crack in roadway pavement over pipe - photo. Typical both lanes (EB/WB). Pupstream End Culvert Component Last Now Explanation of Condition STEEL Upstream End Culvert Component Concrete, Steel, Others, None) Headwall X X X								Follow-	Uр Ву						
Special Features				19-110											
Number of Culverts		` '													
Pipe # Barrel			iatiON	1											
Thickness Special Features S					Rise (or D)ia)	Type		Length		Corr Profile	PI /Slah	Shape		
Special Features Special Features Comment Utility Attachments	Tipe #	Danei		Оран	IXISE (OI L	na.j	туре		Lengui		Con. I Tome		Shape		
Utility Attachments Telephone North r/w. Gas To east @ resident entrance. Power 2 lines north r/w. Municipal Others Remarks BF tag installed @ top of North end roof. Approach Road / Embankment	1	MAIN		-	3700		SP		37.2		152X51	3.5	ROUND		
Utilities (Located at) Utility Attachments Telephone North r/w. Power 2 lines north r/w. Others BF tag installed @ top of North end roof. Approach Road / Embankment Vertical Alignment 7 7 7 Resident entrance to NE. Vortical Alignment 7 7 7 No passing to West. Cade way Width (m) 8.200 Embankment 9 3.0 (Height of Cover(m): 3.7) Guardrall (Y/N) No Approach Road / Embankment General Rating 7 7 Coulvert Component Last Now Explanation of Condition Last Now Explanation of Condition Longitudinal crack in roadway pavement over pipe - photo. Typical both lanes (EB/WB). Upstream End Coulvert Component Last Now Explanation of Condition Problem (Y/N) No Explanation of Condition	Special Feature	es													
Utility Attachments	Special Feature	es Comi	ment												
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Power 2 lines north r/w. Others Remarks BF tag installed @ top of North end roof. Approach Road / Embankment Vertical Alignment Roadway Width (m) 8.200 Embankment Sideslope (_:1) (Height of Cover(m): 3.7) Guardrail (Y/N) Approach Road / Embankment General Rating Direction Last Now Explanation of Condition Resident entrance to NE. No passing to West. Longitudinal crack in roadway pavement over pipe - photo. Typical both lanes (EB/WB). Upstream End Culvert Component Last Now Explanation of Condition No Explanation of Condition No Explanation of Condition No Explanation of Condition			m/s.,					Coo		To 00	at @ rasidant a	ntranaa			
Problem (Y/N) No										ro ea	st @ resident e	entrance.			
Remarks BF tag installed @ top of North end roof. Approach Road / Embankment Last Now Explanation of Condition Horizontal Alignment 7 7 Resident entrance to NE. No passing to West. Vertical Alignment 7 7 7 No passing to West. Roadway Width (m) 8.200 Embankment 4 5 Sideslope (_:1) 3.0 (Height of Cover(m): 3.7) Guardrail (Y/N) No No Approach Road / Embankment General Rating 7 7 To Upstream End Culvert Component Last Now Explanation of Condition Direction N End Treatment (Concrete, Steel, Others, None) Headwall X X X		Zimes	S HOLLI I/	w.						No					
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Last Now Explanation of Condition	Remarks	ום נמנָ	giristane	a @ top or Nort			h Road	d / Emba	nkment						
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Vertical Alignment 7 7 No passing to West. Longitudinal crack in roadway pavement over pipe - photo. Typical both lanes (EB/WB). Roadway Width (m) 8.200 Embankment 4 5 Sideslope (:1) 3.0 (Height of Cover(m): 3.7) Guardrail (Y/N) No Approach Road / Embankment General Rating 7 7 Upstream End Culvert Component Last Now Explanation of Condition Direction Roadway Pavement over pipe - photo. Typical both lanes (EB/WB). Upstream End End Treatment (Concrete, Steel, STEEL Others, None) Headwall X X	Horizontal Align	nment													
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Embankment 4 5 Sideslope (_:1) 3.0 (Height of Cover(m): 3.7) Guardrail (Y/N) No Approach Road / Embankment General Rating 7 7 Upstream End Culvert Component Last Now Explanation of Condition Direction N End Treatment (Concrete, Steel, Others, None) Headwall X X X								both lanes (EB/WB).			Table 2 process and the process approach				
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Sideslope (:1) 3.0 (Height of Cover(m) : 3.7) Guardrail (Y/N) No Approach Road / Embankment General Rating 7 7 Upstream End Culvert Component Last Now Explanation of Condition Direction N End Treatment (Concrete, Steel, Others, None) Headwall X X	[mbonless set					1									
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Guardrail (Y/N) No			. 3 7\	3.0											
Approach Road / Embankment General Rating 7 7 Upstream End Culvert Component Last Now Explanation of Condition Direction N End Treatment (Concrete, Steel, Others, None) Headwall X X			. 3.1)	No											
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Culvert Component Last Now Explanation of Condition Direction N End Treatment (Concrete, Steel, Others, None) Headwall X X							 								
Direction N End Treatment (Concrete, Steel, STEEL Others, None) X X Headwall X X	Culvert Com	nont								Cond:	tion				
End Treatment (Concrete, Steel, Others, None) STEEL Value of the state of the sta		nent					INOW	Explan	מנוטוו טו (Condi	uon				
Headwall X X	End Treatment	(Concre	ete, Stee	I, STEEL		4									
Collar Y Y	Headwall					X	X								
N A	Collar					Х	X								

71678 -1 Bridge Culvert

Upstream End										
Culvert Component		Last	Now	Explanation of Condition						
Wingwalls		Х	X							
(Shape:)										
Cutoff Wall		Х	X							
Bevel End		7	N	Water up to 0.4m below crown.						
Heaving (mm)	200									
Invert Above/Below Stream Bed										
Above/Below (mm)	0		_							
Scour Protection		4	N							
(Type : NONE)										
(Avg. Rock Size(mm):)			_							
Scour/Erosion		4	N	Scour at upstream around bevel end10-May-2008						
Beavers (Y/N)	No									
Upstream End General Rating		4	4	GR carried forward from 10-May-2008						
		Brid	dge Cu	lvert Barrel						
Culvert Component		Last	Now	Explanation of Condition						
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm):	, Rise (mm): 3700, Type: SP)						
Barrel Last Accessible Date	16-Feb-2005			0.4m clear to crown. Viewed from both ends. Not able to see much.						
Special Features										
Special Feature										
(Type:)										
Special Feature										
(Type:)										
Roof		7	N							
Measured Rise (mm)										
Measured At Ring No.										
Sag (mm)	0									
Percent Sag										
Sidewall	1	7	N							
Measured Span (mm)										
Measured At Ring No.										
Deflection (mm)	0									
Percent Deflection										
Floor		N	N							
Bulge (mm)										
Measured At Ring No.										
Abrasion (Y/N)		N	1	<u> </u>						
Circumferential Seams			N							
Separation (mm) 0			1	<u> </u>						
Longitudinal Seams	l l	N	N							
Total No. of Cracked Rings										
Total No. of Rings with Two Cracked Seams										
Min. Remaining Steel Between Cracks (mm)										
Proper Lap (Y/N)	No									
Longitudinal Stagger (Y/N)	No									
Coating		5	N	Staining at a few bolts10-May-2008						
Corrosion By Soil (Y/N)	Yes									
Corrosion By Water (Y/N)	Yes									

		Brid	dge Cu	Ivert Barrel						
Culvert Component		1	Now	Explanation of Condition						
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm	ı):	, Rise (mm): 3700, Type: SP)						
Camber POS/ZERO/NEG ZERO										
Ponding (Y/N)	Yes			Ponded 2.0 m.						
Fish Passage Adequacy		7	7							
Baffle		Х	Х							
(Type:)										
Waterway Adequacy		8	7							
Icing (Y/N)	No									
Silting (Y/N)	No									
Drift (Y/N)	No									
Barrel General Rating		N	N	Previously rated "7" from 16/Feb/2005.						
Culvert Component			Now	Explanation of Condition						
Direction		S	11011	Explanation of condition						
End Treatment (Concrete, Steel,	STEFI									
Others, None)	0.222									
Headwall		X	X							
Collar			Х							
Wingwalls		Х	Х							
(Shape:)										
Cutoff Wall		Х	X							
Bevel End		7	N							
Heaving (mm)	200									
Invert Above/Below Stream Bed										
Above/Below (mm)	0									
Scour Protection		5	N	Well vegetated10-May-2008						
(Type : NATURAL)										
(Avg. Rock Size(mm):)										
Scour/Erosion		5	N							
Beavers (Y/N)	No									
Downstream End General Ratio	ng	7	7	GR carried fwd from 10-May-2008						
		•	Structu	re Usage						
			Now	Explanation of Condition						
Channel (U/S and D/S)			1.1011							
Alignment			7							
Bank Stability			7							
HWM (m below Top of Culvert)				HWM not visible.						
Drift (Y/N) No										
Channel Bottom Degrading/Aggrading										
Beavers (Y/N) No										

		S	tructur	e Usage					
Last Now Explanation of Condition									
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating		7	7						

				Maintenance Re	commend	lations						
Inspector Recommendations	Year Inspector Comments					Department Cor	Target Year	Est. Cost	Cat #			
SHOTCRETE REPAIRS												
PLACE ADDITIONAL RIP RAP												
REMOVE DRIFT ACCUMULATION												
INSTALL CONCRETE/STEEL LINING	}											
INSTALL STRUTS												
INSTALL CONCRETE COLLAR/CUTO	OFF											
REPAIR SEAMS												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
Structural Condition Rating (Last/N (%)	ow) 55.	w) 55.6/55.6 Suff (%)				67.2/63.2		t. Repl. Yr	2030 Maint. Re		qd. (Y/N)	No
Special Comments for Next Inspection						Department Comments						
Maintenance Reviewed By						Date				Estimated Tota	I 0	
Proposed Long-Term Strategy												
On 3-Year Program (Y/N)												
Proposed Action												
Previous Inspector's Name Dav					Previous	Assistant's Name						
Next Inspection Date	24-Nov-20)14			Previous	Inspection Date		10-May-2008				
Inspection Cycle (Default) (months)	39					•						
Comment												