Bridge Inspection																
Bridge File Number 73363 -1 Bridge								Form Type			PCS					
Year Built/Year 1979/1979								Lot No.			2					
Supstr Bridge or Town Name NEW/RROOK								Inspector Name			Todd Warshawski					
Bridge or Town Name NEWBROOK Located Over NAMEPI CREEK, 6.57, WATERO					ATEDCI		<u></u>	Inspector Class			BR CLS B					
Located On 661:10 C1 29.443					ATEROI	\0-	31	Assistant Name								
Water Body Cl./	Year	001.	100	1 23.443					Assistant Class							
Navigabil. Cl./Ye										Inspection Date 23-Jul-2010						
Legal Land Location SW SEC 5 TWP 62 RGE 21 W4M					21 W4M				Data Entry By Theresa Lacusta							
Longitude, Latitude -113:06:59, 54:19:36					6				Data Entry Date			16-Aug-2010				
Road Authority				ansporta		Γ)			Reviewer Name			Arnold Asse	nheim	ier		
Contract Main. A	rea	CMA			(· <i>/</i>				ew Da			26-Jul-2010			
Clear Roadway/		10.1									ewer Na		Brent Herricl			
AADT/Year		320	/ 2009	9 (A)							ew Date)	26-Aug-2010)		
Road Classificat	ion		J-209-						FOIIO	w-Up	Ву					
Detour Length (k	km)	6							1							
Allowable Load ((t): Sin	gle	CS1	28		Semi	C	S2 49			Train	cs	3 62		> On Critic >Critical M	al Spans ember
Design Loading:			MS2	3											> Primary	Span
							Р	osting Ir	nform	ation						
Required Load F	Posting	(t)		Single						Semi				Truck Train		
Posted Loading	(t)				Single				Semi			Truck Train				
Posted:	Lane	E	В		At Junc	tion (Y/N	۷)	No	In Advar		ance (Y	/N)	No	At Bridge (Y/N) No		No
Posted:	Lane		VB		At Junc	tion (Y/N	Y/N) No		In Advance (Y/N)		No	At Bridge (Y/N) No		No		
Remarks	Not re	quire	d.													
Hazard Marker A	At Brid	ge (Y/	/N)	No												
Remarks				Not requ	uired.											
Other Sign Type	S															
Little Attackers							Ut	tilities (L	_ocate	ed at)						
Utility Attachmer									0							
Telephone	South			.u	4 = =10 = =					Gas Municipal						
Power Others	2 wire	s 15n	n ivor	th of cen	teriine.					blem (Y/N) Yes						
Remarks	l ltility	voido	00.0	urb girde	ro oro o	vnoood	nho	nto.	FIOD	ieiii (î	/IN) T	62				
Remarks	Othity	volus	OIIC	urb girde	is ale e	xposeu-		Approa	ch Ro	ad						
						L	ast		Explanation of Condition							
Horizontal Alignr	ment						7	7	Field entrances both directions.							
	Vertical Alignment					9	9									
Roadway Width (m) 10.000				Unco			Uncompacted ACP on SE corner.									
Approach Bump				5	4											
Guardrail (Y/N) Yes											to bridgerail.	laa!	l baiabt at NIC	-1-4- more		
Guardrail					4	3						•	· ·	cornerphoto		
Length (m) 19.000						Seve	ral loc	ations on the contract of the	of str	ike damage -	still fu	nctional				
Current Standard (Y/N) No						001	angrii	HOHR OH	JE (JOHNEL.						
Termination Type Turned Down																
Drainage	Drainage						7	7								
Approach Road General Rating					7	7										

Entinge Component						Supers	structure
Infrience Special Feature	Bridge Comp	ponent					
Special Feature			ns, Lengths	(m): 6, A-Iden			
Crype : Special Feature				<u> </u>			
Special Feature	Special Featu	ure				Х	
Special Feature	(Type:)						
Wearing Surface/Deck Top Detail Ratings		ure				Х	
Wearing Surface/Deck Top Detail Ratings	(Type:)						
Last Now Now Swaring Surface 4 5 5 5 6 Chip seal scraped off by plow.	1	ace/Deck Top	Detail Rating	gs			
New Wearing Surface 4 5 5% of chip seal scraped off by plow.					3 (%)		
Wearing Surface 4 5 5% of chip seal scraped off by plow. (Material Type : ACP) (Thickness(mm) : 50) Lateral Connection Problem (Y/N) Deck Top N N N Deck Top N N N Deck Rideability 5 6 Deck Joints N N N Deck Derainage N 6 Drainage N 6 Drainage N	Last						
(Material Type : ACP) (Thickness(mm) : 50) Lateral Connection Problem (Y/N) Deck Top N N N Deck Top N N N Deck Rideability 5 6 Deck Joints N N N Deck Drainsge N 6 Drains Clogged (Y/N) No Deck Orange N 6 Drains Clogged (Y/N) No Curbs/Median N 5 Plow scrapes on north & south curbs. (Curb Type : Satandard) Scaling (Percent Area) 1 Bridge Rail Posts N 3 (Type : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts N 3 (Type : GALVANIZED STEEL FLEX BEAM) Bridge Rail/Posts Coating (Type : GALVANIZED STEEL; GALVANIZED POST STEEL) Sidewalk X X X Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last Now 7 0 0 0 Girders Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) No Now Post Now Yes Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) No Now Portical (Y/N) No No Now Post No No Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) No Now Post No No Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) No No No No Parent Virial (Y/N) No No No No No No No No No No No No No No N	Now						
Chickness(mm): 50	Wearing Surf	ace			4	5	5% of chip seal scraped off by plow.
Lateral Connection Problem (Y/N) Deck Top N N N N Deck Rideability 5 6 Deck Joints Bump (Y/N) No Deck Drainage Drains Clogged (Y/N) No Curbs:Median N Scaling (Percent Area) Scaling (Percent Area) I (Type: GALVANIZED STEEL FLEX BEAM) Bridge Rail A Type: GALVANIZED POST STEEL;GALVANIZED POST STEEL) Sidewalk X X X Cigrer Detail Ratings N (count) Last Now 7 0 0 Girders Last Complete Inspection Date 27-Feb-2007 Cracking (Y/N) Yes Spalling (Percent Area) Duble layer. Improper lapping. Missing 32 splice bolts. Minor strike damage on N rail. SE post missing 1 nut. H. Longitudinal cracks on all girders in center. Longitudinal cracks in curb girders exposed. Selection of the problems Vertical (Y/N) No No No No No No No No No	(Material Ty	ype : ACP)					
Deck Top	(Thickness	(mm) : 50)					
Deck Ideability Deck Joints Bump (Y/N) No Deck Dainage Drains Clogged (Y/N) No Curbs/Median (Curb Type : Standard) Scaling (Percent Area) Bridge Rail (Type : GALVANIZED STEEL; GALVANIZED POST STEEL) Bridge Rail/Posts Coating (Type : GALVANIZED Sidewalk X X X Cirder Detail Ratings N (count) N (count) N (count) N (count) N (count) Last Now N O O Girders Spalling (Percent Area) Double layer. Improper lapping. Missing 32 splice bolts. Missing 32 splice bolts. Spost missing 1 nut. SE post missing 1 nut. SE post missing 1 nut. Sidewalk X X X 1.5m + of water in channel. Girders viewed from banks. Girder Detail Ratings N (count) Last Now N O O Girder Spalling (Percent Area) Utility voids on curb girders exposed. Spalling (Percent Area) Utility voids on curb girders exposed. Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No		ection Problen	n No				
Deck Joints Bump (Y/N) Deck Drainage Drains Clogged (Y/N) No Curbs/Median N	Deck Top				N	N	
Bump (Y/N) No Deck Drainage N 6 No drains, short span. Drains Clogged (Y/N) No Curbs/Median N 5 (Curb Type: Standard) Scaling (Percent Area) 1 Bridge Rail 4 4 Double layer. Improper lapping. Missing 32 splice bolts. Minor strike damage on N rail. SE post missing 1 nut. Expected Post STEEL; GALVANIZED POST STEEL; GALVANIZED POST STEEL) Bridge Rail/Posts Coating 7 7 (Type: GALVANIZED) Sidewalk X X 1.5m + of water in channel. Girders viewed from banks. Girder Detail Ratings Now 7 0 0 0 Girders 5 5 Last Complete Inspection Date 27-Feb-2007 Cracking (Y/N) Yes Spalling (Percent Area) 0 Litt or Connector Pocket Grouted (Y/N) (Number Of Girders: 9) Span Alignment Problems Vertical (Y/N) No	Deck Rideab	ility			5	6	
Deck Drainage N 6 Drains Clogged (Y/N) No Curbs/Median N 5 (Curb Type : Standard) Scaling (Percent Area) 1 Bridge Rail 4 4 (Type : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts N 3 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;Bridge Rail/Posts Coating Type : GALVANIZED STEEL;GALVANIZED POST STEEL;G	Deck Joints				N	N	Paved over.
Drains Clogged (Y/N) No Curbs/Median N 5 (Curb Type : Standard) Scaling (Percent Area) 1 Bridge Rail (Type : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts N 3 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail/Posts Coating 7 7 (Type : GALVANIZED) Sidewalk X X 1.5m + of water in channel. Girders viewed from banks. Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last Now 7 0 0 0 Girders Last Complete Inspection Date 27-Feb-2007 Cracking (Y/N) Yes Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 9) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Bump (Y/N))	No				
Curb Type: Standard) Scaling (Percent Area) 1 Bridge Rail (Type: GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts N 3 (Type: GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail/Posts Coating 7 7 (Type: GALVANIZED) Sidewalk X X X Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last Now 7 0 0 0 Girders Steel Inspection Date 27-Feb-2007 Cracking (Y/N) Yes Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders: 9) Span Alignment Problems Vertical (Y/N) No	Deck Drainag	ge			N	6	No drains, short span.
Curb Type : Standard Scaling (Percent Area) 1	Drains Clog	gged (Y/N)	No				
Bridge Rail (Type : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts N 3 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail/Posts Coating (Type : GALVANIZED) Sidewalk X X Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last Now 7 0 0 0 Girders Girders Last Complete Inspection Date 27-Feb-2007 Cracking (Y/N) Yes Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) No Horizontal (Y/N) No Horizontal (Y/N) No Horizontal (Y/N) No Horizontal (Y/N) No	Curbs/Media	n			N	5	Plow scrapes on north & south curbs.
Bridge Rail (Type : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts N	(Curb Type	: Standard)					
Count 1 (count) 2 (count) 3 (count)	Scaling (Pe	ercent Area)	1				
Bridge Rail Posts (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail/Posts Coating (Type : GALVANIZED) Sidewalk X X X Girder Detail Ratings N (count) Last Now 7 0 0 0 Girders Last Complete Inspection Date Cracking (Y/N) Spalling (Percent Area) Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 9) Span Alignment Problems Vertical (Y/N) Horizontal (Y/N) No Minor strike damage on N rail. SE post missing 1 nut. Minor strike damage on N rail. SE post missing 1 nut. Minor strike damage on N rail. SE post missing 1 nut. Minor strike damage on N rail. SE post missing 1 nut. H. Longitudinal cracks on all girders in center, Longitudinal cracks in curb girder on exterior fascia approx 250mm from both2/27/07 Utility voids on curb girders exposed.	Bridge Rail				4	4	Double layer. Improper lapping.
Bridge Rail Posts N 3	(Type : GA	LVANIZED ST	TEEL FLEX	BEAM)		_	│Missing 32 splice bolts. │Minor strike damage on N rail.
Bridge Rail/Posts Coating 7 7 (Type: GALVANIZED) Sidewalk X X 3 Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last Now 7 0 0 0 Girders Last Complete Inspection Date 27-Feb-2007 Cracking (Y/N) Yes Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders: 9) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Bridge Rail P	osts			N	3	SE post missing 1 nut.
County C	(Type : GA l STEEL)	LVANIZED PO	OST STEEL;	GALVANIZED	POST	_	
Sidewalk X X Sidewalk Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last Now 7 0 0 0 Girders Last Complete Inspection Date 27-Feb-2007 Cracking (Y/N) Yes Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders: 9) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Bridge Rail/P	osts Coating			7	7	
Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count)	(Type : GA	LVANIZED)					
Now 7 0 0 0 Girders 5 5 5 Last Complete Inspection Date 27-Feb-2007 Cracking (Y/N) Yes Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 9) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Sidewalk				XX		
Now 7 0 0 0	Girder Detail	Ratings					
Now 7 0 0 0 0 Girders 5 5 HL longitudinal cracks on all girders in center. Longitudinal cracks in curb girder on exterior fascia approx 250mm from both2/27/07 Cracking (Y/N) Yes Utility voids on curb girders exposed. Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 9) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No		N (count)	1 (count)	2 (count)	3 (cou	ınt)	
Girders 5 5 HL longitudinal cracks on all girders in center. Longitudinal cracks in curb girder on exterior fascia approx 250mm from both2/27/07 Cracking (Y/N) Yes Utility voids on curb girders exposed. Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders: 9) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No							
Last Complete Inspection Date 27-Feb-2007 Cracking (Y/N) Yes Utility voids on curb girders exposed. Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 9) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Now	7	0	0		0	
Cracking (Y/N) Yes Utility voids on curb girders exposed. Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 9) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No					5	5	HL longitudinal cracks on all girders in center. Longitudinal cracks in
Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 9) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No	Last Complete Inspection Date 27-Feb-2007						
Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 9) Span Alignment Problems Vertical (Y/N) Horizontal (Y/N) No							Utility voids on curb girders exposed.
Grouted (Y/N) (Number Of Girders : 9) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No							
Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No							
Vertical (Y/N) No Horizontal (Y/N) No	(Number Of Girders : 9)						
Horizontal (Y/N) No	Span Alignm	nent Problems	S				
	Vertical (Y/N) No						
Superstructure General Rating 5 5	Horizontal (Y/N) No						
	Superstructi	ure General R	ating		5	5	

					Subst	ructure
Bridge Com	ponent			Last	Now	Explanation of Condition
Abutments		<u> </u>				
(Extended	Backwall Piles	s (Y/N) : Y)				
(Extended	Backwall Piles	s Spacing(mn	n): 1200)			
						Backwall clamps installed approx 300m below pile top. Backwall clamp broken 3rd from SW. (Bottom of backwall sheathing not low enough - pitrun spilling through, typical both abutments. 2000/04/06)
(Total Number	er of Caps/Co	rbels : 3:3)				East cap pushed out 90mm. Sub caps 300 x 30002-27-2007
Bearing Seat	s/Caps/Corbe	els Detail Rati	ngs			
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last						
Now	1	0	0		0	
Bearing Seat	ts/Caps/Corbe	els		5	N	
(Type : TR	EATED TIMB	ER)				
(Depth(mm	n) : 350)					
(Width(mm): 300)					
Backwalls/Br	reastwalls			N	N	Backwall clamps installed approx 300m below pile top. Backwall clamp broken 3rd from SW. (Bottom of backwall sheathing not low
Greatest H	eight (m)	3.00				enough - pitrun spilling through, typical both abutments. 2000/04/06)
Wingwalls				4	4	Broken plank on SW wingwall. NE wingwall is heaving.
(Total Number	er of Bearing I	Piles : 10:10)				
Piles Detail F	Ratings					
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last						
Now	20	0	0		0	
Piles				5	N	
Paint/Coating				X	X	
Abutment Sta	ability			6	N	
Scour/Erosio	n			N	N	Fill erosion beside end of SE, NE & NW wingwall.
Piers/Bents						
(Type:)						
	er of Caps/Co	•				
Bearing Seat	s/Caps/Corbe		1			
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last						
Now	1-10- 10 i				\ \ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	
	ts/Caps/Corbe	eis		X	X	
(Type:)	.).)					
(Depth(mm						
(Width(mm		Diloo - \				150 v 200 otruto
	er of Bearing I	riies :)			150 x 200 struts	
Piles Detail Ratings N (count) 1 (count) 2 (count) 3 (count)						
N (count) 1 (count) 2 (count) 3 (count)						
Now						
Pier Shaft/Pil	les			X	X	-
Greatest Height (m)						
Bracing/Struts/Sheathing 7					7	
Discoming Official lining					'	

			Subst	ructure
Bridge Component	Bridge Component L			Explanation of Condition
Nose Plate		X	X	
Paint/Coating			Х	
(Colour Description :)				
(Colour Code :)				
Pier Stability		X	X	
Scour		Х	Х	
Debris (Y/N)	No			
Substructure General Rating		4	4	GR carried fwd
		S	tructu	re Usage
		Last	Now	Explanation of Condition
Channel				
(U/S Direction :)				
(D/S Direction :)			1	
Alignment		7	9	
Bank Stability			7	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection		7	7	
(Type: NATURAL; NATURAL	.)			
Guidebank/Spurs		X	X	
Adequacy of Opening			8	
(Fish Compensation Measure 1 :	·			
(Fish Compensation Measure 2 :	NONE)			
Channel General Rating		7	7	

			Maintenance Rec	ommend	ations					
Inspector Recommendations	Ye	ear	Inspector Comments		Department Comi	ments		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL	20	010	Install missing post nut. Repalce/reinstall bridge rail.							
SEAL CURBS										
PATCH DECK										
OVERLAY DECK										
STRAIGHTEN/REPLACE MEMBERS										
WASHING										
SHOTCRETE REPAIRS										
CORE TIMBER CAPS/CORBELS										
REPAIR/REPLACE TIMBER CAPS										
REPAIR ABUTMENT SCOUR/EROSI	ON									
PLACE ADDITIONAL RIP RAP										
REMOVE DRIFT ACCUMULATION										
INSTALL STRUTS										
OTHER ACTION	20	010	Replace SW wingwall top plank.							
OTHER ACTION	20	010	Replace / reset guardrail to meet stan	dard.						
OTHER ACTION	20	010	Seal off utility voids on curb girders.							
OTHER ACTION										
Structural Condition Rating (Last/N (%)	ow) 50	0.0/50.	Sufficiency Rating (Last/N	ow) 6	4.9/64.8	Est. Repl. Y	r 2029	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection	·				Department Comments		·			
Maintenance Reviewed By					Date			Estimated Tota	1 0	
Proposed Long-Term Strategy										
On 3-Year Program (Y/N)										
Proposed Action										
Previous Inspector's Name Dave		m		Previous A	us Assistant's Name					
Next Inspection Date	23-Oct-20	013		Previous I	nspection Date	27-Feb-2	2007			
Inspection Cycle (Default) (months)	39									
Comment										