						E	Bridge l	nspec	tion							
Bridge File Num	dge File Number 74678 -1 Bridge						Form Type					CON				
Year Built/Year		1958/19	58					Lot No.				2				
Supstr								Inspector Name				Kris Bosters				
Bridge or Town	Name		NWOOD ESTE CREEK, 6.132.11, WAT					Inspector Class		BR CLS A						
Located Over		MODES ST	TE CREE	RCRS-	Assis	stant N	lame									
Located On		-	1 13.942					Assistant Class								
Water Body Cl./Year				In			Inspection Date			14-Dec-2012						
Navigabil. Cl./Year							Data Entry By Theresa La				Theresa Lac	acusta				
			3 TWP 49 RGE 5 W5M					Data	Entry	Date		07-Jan-2013				
- Company of the Comp				05, 53:12:01					Reviewer Name			Eric Carcoux				
Road Authority	<u> </u>		Transport					Revi	ew Da	te		03-Jan-2013	3			
Contract Main.	Area	CMA11	тапорота	20011 (711	''			Dept	. Revie	ewer Na	me	Paul Catt				
Clear Roadway/			deg. (RHF	`				Dept	. Revie	ew Date	:	18-Jan-2013	3			
AADT/Year	OKCW	3,650 / 2		<i>)</i>				Follo	w-Up	Ву						
Road Classificat	tion	RAU-21	. ,													
Detour Length (3	1.0 110					1								
Allowable Load	ĺ	1	1 28		Semi	i CS2 49				Train	CS	3 62	> On Crit		ical Spans	
7 IIIOWabio Edad	(1).	igic 00	1 20		Com		OZ 43			TTUIT		J 3 0 0 Z		>Critical Member		
Design Loading:		HS	20											> Primar	y Span	
D		(1)		0: 1		P	osting l						_			
Required Load F		j (t)		Single					Semi				Truck Train			
Posted Loading	<u>`</u>	1		Single				Semi			Truck Train					
Posted:	Lane	EB		At Junc	•		No			ance (Y		No	3 (1)		No	
Posted:	Lane					/N)	No	In Advance (Y/N)		No	At Bridge (Y/N)		No			
Remarks		equired.														
Hazard Marker	At Brid	ge (Y/N)	No													
Remarks																
Other Sign Type	es		Curve a	head, P e Creek	assing sian Fl	lane B	-									
			Modeot	o oroon	oigii Li		tilities (l	Locate	ed at)							
Utility Attachme	nts															
Telephone		and sout	th r/w.					Gas								
Power	3 wire	es 60 m e	ast of brid	ge. Cab	le on S	outh	curb.	Municipal								
Others				<u> </u>					lem (Y	/N) Y	es					
Remarks	Strun	g along S	rail.							,						
		<u> </u>					Approa	ach Ro	ad							
						Last	Now	Expl	anatio	n of Co	ndi	tion				
Horizontal Align	ment					6	6	Limit	Limited sight distance. Horizontal curves both ends. Vertical screst. EBL has passing lane on East side of bridge.				ertical sag with			
Vertical Alignme	ent					6	6	crest	. EBL	nas pas	sing	ane on Eas	t side	of bridge.		
Roadway Width	(m)		11.500					Poth	ole at	West &	Eas	t approachs	and A	CP is ravellir	ngphoto	
Approach Bump	1					4	4									
Guardrail (Y/N)			Yes					Post 10 @ NE blockout missing. Insufficient posts, not thrie beam								
Guardrail				N	4	photo	0									
Length (m)			35.000					30%	of spa	cer bloo	cks r	otated 45 de	g.			
Current Stand	ard (Y/	N)	No													
Termination T	уре		Turned	Down												
Drainage						4	4	500 v	wide x	300 de	ер х	2m long gull	y on V	Vest & East	headslopes.	
Approach Boss	1 Cons	val Pati-	20			6	6									
Approach Road	J Gene	rai Katil	19			6	0									

Superstructure										
Bridge Comp	onent					Explanation of Condition				
(Primary Spar	n : CT, 3 Span	s, Lengths(n	າ): 19.5-24.4-1	9.5, A	-Ident I	Number:)				
Special Feat	ures									
Special Featu	ıre			4 4		Minor superficial rust on 30% of rods. 1 broken rod S3, G3photo				
(SType : EXT SHEAR STIRRUP)										
Special Featu	ıre				Х					
(Type:)										
Wearing Surfa	ace/Deck Top	Detail Ratings	}							
	N (%) 1 (%) 2 (%)					Snow covered along gutters.				
Last	20	0	0		0					
Now										
Wearing Surfa (Material Ty COAT) (Thickness(pe : CONCRE	TE - CONVE	NTIONAL CHI	4 P SEA	4 .L	Chipseal over epoxy w/s on concrete. Less than 1m2 unravelling/grader damage.				
Deck Top	11111) . 30)			N	N					
Deck Rideabi	lity			7	7					
Deck Joints				6	5	Paving lips have wide longitudinal cracks.				
Temperatur	`	-5				- aving lips have wide longitudinal cracks.				
` '	Type : GLANI	•	-							
	: GLAND (W			(, ETC))		East joint covered in ACP could not measure.				
Gap Size (n	nm)		ocation							
West abutment										
20 East abutment										
Deck Drainag				4	4	Gullies on West headslope.				
Drains Clogged (Y/N) No				_						
Curbs/Mediar				4	N	5 spalls on South curb top. Spalling around drain at S3G4, 1m long, upto 400mm wide and at curb top 600 long, 200 wide25-Jan-2011				
	: Standard)									
Scaling (Pe	rcent Area)	15				Snow covered				
Bridge Rail					4	Double layer. 1 damaged, bent section, North side mid span 2.				
	_VANIZED ST	EEL FLEX BI	EAM)	1						
Bridge Rail Posts			N	4	Delam cracking at base of posts. Partially snow covered.					
` , , ,	NCRETE;CON	CRETE)								
Bridge Rail/Po				6	6					
(Type : GAI	_VANIZED)									
Sidewalk				X	X					
Girders	Girders				5	Salt stains, patched in several places of underside. Medium shear cracks @ NE & NW, (uprated for repair). Narrow flexural cracks in all girders. Shear cracks measured on East span G4, 0.5mm (est).				
D: 1	<u> </u>			_	-	Edges of girders along abutments have medium scalling.				
Diaphragms/0	Cross Frame			5	5	Medium vertical cracks in 50% of diaphragms.				
Bearings				5	5	40% corrosion with scaling @ exterior abutment bearings. Interior				
Temperatur		-5				bearings 25% corroded.				
` .	Type : ROCK					Fixed @ P1.				
	: PINNED BE									
	Coating Adequate (Y/N) Yes									
Functioning		Yes								
Deck Undersi Stains (Perc		1		4	4	Medium transverse cracks on deck undersideS1, S3, G1/2. S2 efflorescence stain from trans. crack. Spalls at stirups under curbs.				

			Supers	tructure
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : CT, 3 Spans, Le	engths(m): 19.5-24.4-	19.5, A	-Ident I	Number:)
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating	ı	4	4	
			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats		7	7	
Backwalls/Breastwalls		5	5	Medium scaling on backwalls.
Wingwalls		6	6	
Piles		N	N	
Paint/Coating		Х	Х	
Abutment Stability		7	7	
Scour/Erosion		4	4	100mm x 100mm wide erosion around edges of NE all 4 wingwalls. Gully on West & East headslope.
Piers/Bents				Sany on Wood a East neadslope.
(Type : PIER-SOLID)				Wide vertical crack E & W side P1.
Bearing Seats/Caps		7	5	
(Type : CONCRETE)				
Pier Shaft/Piles		5	4	3 wide horizontal cracks on nose P1 & P2. 1.5 mm wide vertical cracks at P2, West side. Wide vertical crack East & West side P1full height.
Nose Plate		7	7	
Paint/Coating		4	4	Pitting rust on nose plates.
(Colour Description :)				
(Colour Code :)				
Pier Stability		7	5	
Scour		N	N	
Debris (Y/N)	No			
Substructure General Rating		5	4	
		5	Structu	re Usage
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : S)				
(D/S Direction : N)		7		
Alignment			7	
Bank Stability		5	5	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection		4	4	Concrete sacks. Gap in concrete bags at West headslope
(Type : RIP RAP; RIP RAP)				(discontinuous). Riprap on E headslope. Gullies on both headslopes.
Guidebank/Spurs		Х	Х	

Structure Usage											
	L			Explanation of Condition							
Adequacy of Opening			7								
(Fish Compensation Measure 1 : I	NONE)										
(Fish Compensation Measure 2 : I	NONE)										
Channel General Rating		4	4								

74678 -1 Bridge

			Maintenance Rec	ommend	ations						
Inspector Recommendations	Year	Inspector Co	omments		Department Cor	mmen	ts		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL											
GALVANIZE/PAINT BRIDGE RAIL											
RETROFIT BRIDGE RAIL											
SEAL CURBS	2013	Patch curbs,	if not already done.								
PATCH DECK											
SEAL DECK											
OVERLAY DECK											
REPAIR/REPLACE DECK JOINTS											
RESET/ PAINT BEARINGS											
WASHING											
SHOTCRETE REPAIRS											
REPAIR ABUTMENT SCOUR/EROSI	ON										
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
OTHER ACTION	2013	Replace guardrail post blockout,reset spacers.		rotated							
OTHER ACTION		Repair shear	r stirrup S3, G3.								
OTHER ACTION		Contact Teluinside.	is to attach conduit and p	lace line							
OTHER ACTION		Patch ACP a	at approaches.								
OTHER ACTION											
Structural Condition Rating (Last/N (%)	ow) 50.0/4	44.4 Su (%)	fficiency Rating (Last/N	ow)	53.4/50.8	Est	t. Repl. Yr	2030	Maint. Re	qd. (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	Arnold Asser	heimer		Previous A	Assistant's Name	Wade Nanni	nga				
Next Inspection Date	14-Sep-2014			Previous I	Inspection Date 25-Jan-2011						
Inspection Cycle (Default) (months)	21										
Comment											