						=	Bridge I	nspe	ction							
Bridge File Numb	er	75054	-1 Bridge					Form Type			PSR					
Year Built/Year		1967/1						Lot	No.			1				
Supstr	1		DIV/ED					Insp	ector N	lame		Jason Rusu				
Bridge or Town N		HIGH		01400	.00			Insp	ector C	lass		BR CLS A				
Located Over			1 0.000;2:1					Ass	Assistant Name							
Located On	,	23:08	L1 42.975;2	23:08 KT	42.97	ວ		Ass	Assistant Class							
Water Body CI./Y								Insp	ection I	Date		08-Oct-2011				
Navigabil. Cl./Yes		CVA/ CI	-C 4 TMD 4	IO DOE	00.14/4	N 4		Data	Data Entry By			Anne Roberts				
Legal Land Locat			EC 4 TWP 1		28 VV4	IVI		Data	a Entry	Date		24-Nov-2011				
Longitude, Latitud	ae		9:44, 50:34		<b>T</b> \			Rev	iewer N	lame		Jason Rusu				
Road Authority			a Transport	ation (Ai	1)			Rev	Review Date			09-Nov-2011				
Class Bandway/6		CMA2	<i>(</i>					Dep	Dept. Reviewer Name			Tim Davies				
Clear Roadway/S	skew	23.5 /	\ / 2040 (A)	(O (A)					t. Revie	ew Da	te	25-Nov-201	1			
AADT/Year Road Classification			/ 2010 (A)					Foll	ow-Up I	Ву						
3 ( )				Semi		CS2 42 Train CS3 47> C				. On Critic	On Critical Chana					
Allowable Load (I	Allowable Load (t): Single CS1 38 Ser			Semi	CS2 42 Train			CS	3 41	> On Critical Spans >Critical Member						
Design Loading:		Н	S20									> Primary Span				
						Po	sting I	nforn	nation							
Required Vert. C	learan	ce Pos	ting (m)	UNDEF	R: 2 L1	5.4m	, 2 R1 5	5.4m								
Posted Vertical C	Clearar	nce (Y/	N)	Yes												
Posted: Lane	NB	On	Bridge (m)	5.4	In Adv	ance	(Y/N)	Yes	Lane	SB	0	n Bridge (m)	5.4	In Advance	(Y/N)	Yes
Remarks	ALSO	SIGNE	D 5.4M @	APPRO	ACH L	OOPS	<u>s</u>									
Required Load P	osting	(t)		Single				Semi		42	Truck Train		47			
Posted Loading (	t)			Single	Single				Semi				Truck Train			
Posted:	Lane	EB		At June	ction (Y	(Y/N) No		In Advance (Y/N)		No	At Bridge (Y/N)		No			
Posted:	Lane	WE	3	At Juno	At Junction (Y/N)		No		In Adva	ance (	Y/N)	No	At Bridge (Y/N)		No	
Remarks	Not re	q.														
Hazard Marker A	t Bridg	ge (Y/N	) No													
Remarks																
Other Sign Types	3		ROUTE	, SPEEI	D.											
						Ut	ilities (l	Locai	ted at)							
Utility Attachmen	ts							1		1						
Telephone								Gas								
			ructure.						nicipal							
	Light s	standar	ds all 4 cor	ners.				Pro	Problem (Y/N) No							
Remarks																
							Approa			n of C	Condi-	tion				
Horizontal Alignm	nent					Last 7	Now 7	Explanation of Condition								
Vertical Alignmer						6	6	stru	Limited & sight distance over structure with ramps on all 4 corners							
vertical Alignmen	ιι					0	0									
Roadway Width (	(m)		23.700													
Approach Bump	()		20.700			7	7									
Guardrail (Y/N)			Yes			•		Mice	sina 2 s	nlice I	holts a	at SE and 2 a	t SW			
Guardrail			100			4	3	7	_	-	~ J 110 C	J_ ana _ a				
Length (m)			46.000					Not	thriebea	am.						
Current Standa	rd (Y/	N)	No					3 br	oken po	osts a	t SW,	SE and NE.				
Termination Ty		• • •		D DOW	N											
			ENDS													
Drainage	Drainage					5	5									

						Approa	ch Road
					Last	Now	Explanation of Condition
Approach Ro	oad General F	Rating			6	6	
							4
Bridge Comp	oonent						tructure Explanation of Condition
	n : <b>FC, 3 Spa</b> i	ns. Lenath	s(m	): 29-16.2-29			· -
Special Feat		no, Longa	,	j. 20 10:2 20	, 71 100	it itali	
Special Featu					5	5	On W span near W abut/strand loose
	LATER POS	ST TENS)					At 5th grp out- since installation.
Special Featu		,			7	7	Partial underslung beams- 2 rows Sp. 1 and 3
(Type : UNI	DERSLUNG D	DIAPHR)					
Wearing Surfa	ace/Deck Top	Detail Rat	ings				
	N (%)	1 (%)		2 (%)	3 (%)		
Last	ast 0 0 0		0				
Now	low 0.0 0.0 0.0		0.0				
Wearing Surf	Wearing Surface					4	Some cracks appear over keys @ all spans
(Material Ty	/pe : <b>CONCR</b>	ETE)					Map cracking @ ctr span. 4 small potholes in left lane of WB traffic.
(Thickness)	. , , , , , , , , , , , , , , , , , , ,						
Lateral Conn (Y/N)	ection Problen	m Yes					
Deck Top					Х	Х	
Deck Rideabi	ility				7	7	
Deck Joints					3	3	One bolt sheared @ west pier WBL and West abut joints @ East bound lanes
Temperatur		-13					bound lanes
(Expansion OR SLIDIN	Type: ARMC G PLATES))	OURED GL	.ANC	) (WABO UN	DER FI	NGER	
(Fixed Type SLIDING P	E: ARMOURE	D GLAND	(WA	ABO UNDER	FINGE	R OR	
Gap Size (r	mm)	Ga	ap Lo	ocation			
80		W	. abu	ıt			
89		W	. pieı	r			
89		E.	pier				
89		E.	abu	t			
Deck Drainag					5	5	
Drains Clog		No					
Curbs/Mediar	•				5	5	Concrete parapets @ ext Cracks @ bottoms of most parapets
	: JERSEY/F						- Statistic of most parapole
Scaling (Pe	rcent Area)	0					
Bridge Rail				TUD=\	7	7	Box beam rail at median 6 bolts not fully engaged
` • •	LVANIZED ST	I EEL BRIC	JGE	IUBE)		4	
Bridge Rail P (Type : GA	osts LVANIZED PO	OST STEE	L;G/	ALVANIZED	6 <b>POST</b>	4	
STEEL) Bridge Rail/P					5	5	
	LVANIZED)						-
Sidewalk	· · · · · · · · · · · · · · · · · · ·				Х	Х	
Jidowalk							

					Supers	tructure
Bridge Com	ponent				Now	
		ns. Lenaths(ı	n): 29-16.2-29			•
Girder Detail		<u> </u>				
	N (count)	1 (count)	2 (count)	3 (co	unt)	
Last	0	0	0	- (	0	
Now	0	0	0		1	
Girders				4	3	Hangers rehabed in 2003
Cracking (\	//N)	Yes				Corrosion from 3" long wide crack at S1 G15 ext.
	ercent Area)	1				Minor high load damage NBL at G1 and G2 S3 6 Girders have medium to wide width longitudinal cracks
(Number Of (		'				Typical narrow chamfer cracks Corrosion spots at Sp.3-G13 and G14 and several at G12 South leg 3 girders @ west abut have wide cracks @ shoe plates- G13 is worst Corrosion spot at S1 G1 ext. 4 m from P 1.
Diaphragms/	Cross Frame			4	4	Spalls and cracking at abut. diaphragms and exterior hanger diaphragms have spalls and corrosion.
Bearings				6	5	Pads at A2 are curling.
Temperatu	Temperature (deg. C) -12					
(Expansion <b>TEFLON A</b>	(Expansion Type : REINFORCED NEOPRENE BEAR TEFLON AND STAINLESS STEEL)					Shoe plates are warped.
	e : REINFORC		NE BEARING	WITH		
Coating Ad	equate (Y/N)	No				
Functioning	g (Y/N)	Yes				
Deck Unders	ide			6	6	
Stains (Per	cent Area)	5				
Span Alignm	nent Problems	s				
Vertical (Y/	N)	No				
Horizontal	(Y/N)	No				
Superstruct	ure General R	ating		4	3	
					0 1 1	•
Bridge Com	n a n a n t			Last	Now	ructure Explanation of Condition
Abutments	ponent			Lasi	INOW	Explanation of Condition
Bearing Seat	s/Cans			6	6	
(Type : CO						
Backwalls/Br				5	5	
Baoktrano, Br						
Wingwalls				5	5	Minor spall at SW.
Piles				N	N	
Paint/Coating	9			4	4	
Abutment Sta	ability			7	7	
Scour/Erosio	n			X	X	
Piers/Bents						
(Type : PIE	R-COLUMN)					
Bearing Seat	s/Caps			7	7	
(Type : CO	<u>.</u>					
	er of Bearing F	Piles : 0:0)				Delamination crack P1 at lower
Pier Shaft/Pil				5	5	SE corner and P2 at lower SW. 8 diagonal Pier columns
Bracing/Strut	s/Sheathing			X	X	
Nose Plate				Х	X	

			Subst	ructure				
Bridge Component		Last	Now	Explanation of Condition				
Paint/Coating		5	5					
(Colour Description : )								
(Colour Code : )								
Pier Stability		8	8					
Scour		7	7					
Debris (Y/N) Yes				Large gravel accumulation at East toe - clean.				
Substructure General Rating	9	5	5					
		S	Structu	re Usage				
		Last	Now	Explanation of Condition				
Grade Separation								
Road Alignment		7	7	Settlement of headslopes is causing slope protection to settle & buckle at the toe of the slope. Some 20mm wide cracks at E.				
Traffic Safety Features		7	7	Lighting under girders.				
Туре				Accident damage SE guard rail. 2 - 4 m sections at SW guard rail, 3 split posts and 3 damaged sections.				
Slope Protection		6	6					
(Type : CONCRETE; CONC	RETE)		_					
Bank Stability		6	6					
Drainage		6	5					
Grade Separation General Rating		6	6					

		Maintenance R	ecommendations					
Inspector Recommendations	Year	Inspector Comments	Department Com	ments		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL								
GALVANIZE/PAINT BRIDGE RAIL								
SEAL CURBS								
PATCH DECK	2011	Repair 4 small potholes.						
SEAL DECK	2012	Epoxy seal deck.						
OVERLAY DECK								
REPAIR/REPLACE DECK JOINTS	2011	Replace 2 missing bolts.						
RESET/ PAINT BEARINGS								
WASHING	2011	Clean gravel from toes of headslope	es.					
SHOTCRETE REPAIRS								
REPAIR ABUTMENT SCOUR/EROSIO	N							
PLACE ADDITIONAL RIP RAP								
REMOVE DRIFT ACCUMULATION								
OTHER ACTION	2012	Repair guardrail (15 linear meters a	ind 6 posts).					
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
Structural Condition Rating (Last/No (%)	w) 50.0/44	.4 Sufficiency Rating (Last	/Now) 48.6/42.2	Est. Repl. Yr	2020	Maint. Re	qd. (Y/N)	Yes
Special Recommend level 2 Comments for Next Inspection	nspection of si	tains from crack at S1 G15 exterior.	Department Comments					
Maintenance Reviewed By			Date		E	stimated Total	1 0	
Maintenance Reviewed By Proposed Long-Term Strategy			Date		E	stimated Total	0	
			Date		E	stimated Total	0	
Proposed Long-Term Strategy			Date		E	stimated Total	0	
Proposed Long-Term Strategy  On 3-Year Program (Y/N)  Proposed Action	Garry Roberts		Date  Previous Assistant's Name		E	stimated Total	0	
Proposed Long-Term Strategy  On 3-Year Program (Y/N)  Proposed Action  Previous Inspector's Name	Garry Roberts 08-Jul-2013			27-Jan-2010	E	stimated Total	0	
Proposed Long-Term Strategy  On 3-Year Program (Y/N)  Proposed Action  Previous Inspector's Name  Next Inspection Date	•		Previous Assistant's Name	27-Jan-2010	E	stimated Total	0	