Bridge Inspection Report

Structure Inventory and Appraisal Sheet (English Units)

ame: Washingtor	n Bridge Nortl	n	Agency ID:	070001		ec Date: 07/15/201 anSystems	16
			IDENTIFIC	CATION			
Rte.(On/Under)	5A: Rou	te On Structure		State	1: 44	Rhode Island	
Rte. Signing Prefix	5B: 1 Int	erstate Hwy		Facility Carr	ied 7: I-19	95 WB	
Level of Service	5C: 1 Ma	ainline		Place Code	4: Eas	st Providence	
Route Number	5D : 0019	95		SHD District	2: Dis	trict 3	
Directional Suffix	5E: 4 W	est		Feature Inter	rsected 6: SEE	KONK RIVER	
Border Bridge Code	98: Not	Applicable (P)		County Code		vidence	
Border Bridge Numb	per 99:			Location		Mi W of JCT US 6	
Mile Post	11: 2.42	3 mi		Latitude	16: 41°	49' 09"	
Struc Num	8: 0000	000000007000		Longitude	17 : 071	° 23' 12"	
% Responsibility:	Unk	nown					
			INSPECT				
Inspection Date	90: 7/28/2	2015 Frequenc	y 91:	24 months	Next Inspection	n: 7/28/2017	
FC Inspection Date	93A: NA	FC Freque	ency <mark>92A</mark> :		Next FC Inspec	tion: NA	
UW Inspection Date	93B: 8/7/20	13 UW Frequ	uency <mark>92B</mark> :	60 months	Next UW Inspec	ction: 8/7/2018	
SI Date	93C: 7/15/2	2016 SI Freque	ency 92C:	12 months	Next SI:	7/28/2017	
Element Insp. Date:	7/15/2	2016 Element F	Frequency:	24 months	Next Elem. Insp	o.: 7/28/2017	
		Super 59: 4 P Channel/Channel P	CONDIT	Sub 60: 4		SD/FO: S	39.1
Culvert 62: N N	/A (NBI) (cethod 65:	LOAD 8 LRFRusing HL-9 26.4 TONS	Protection 61: D RATING AN 93 loadin	Sub 60: 4 7 Minor Da ND POSTING Operating Ra	amage	SUFF RATE: : 8 LRFRusing HL	39.1
Culvert 62: N N Inventory Rating M Inventory Rating Design Load	ethod 65: 66: 31:	Channel/Channel P LOAE 8 LRFRusing HL-9	Protection 61: D RATING AN 93 loadin	Sub 60: 4 7 Minor Da ND POSTING Operating Ra Operating Ra	amage ating Method 63 ating 64:	SUFF RATE: 8 LRFRusing HL 34.1 TONS	39.1
Culvert 62: N N	/A (NBI) (cethod 65:	Ehannel/Channel P LOAE 8 LRFRusing HL-9 26.4 TONS 6 MS18(HS20)+m P Posted for load	Protection 61: D RATING AN 93 loadin	Sub 60: 4 7 Minor Da ND POSTING Operating Ra Operating Ra Posting 70:	amage ating Method 63 ating 64:	SUFF RATE: : 8 LRFRusing HL	39.1
Inventory Rating M Inventory Rating Design Load	ethod 65: 66: 31:	Ehannel/Channel P LOAE 8 LRFRusing HL-9 26.4 TONS 6 MS18(HS20)+m P Posted for load	Protection 61: D RATING AN Protection 61: D RATING AN Protection 61:	Sub 60: 4 7 Minor Da ND POSTING Operating Ra Operating 70:	amage ating Method 63 ating 64:	SUFF RATE: 8 LRFRusing HL 34.1 TONS	39.1
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Inventory Rating M Inventory Rating M Inventory Rating Design Load Posting Status Length Max Span Width Curb to Curl Approach Roadwa	/A (NBI) (cethod 65: 66: 31: 41: 48: b 51:	Ebannel/Channel P LOAE 8 LRFRusing HL-9 26.4 TONS 6 MS18(HS20)+m P Posted for load 130.60 ft	Protection 61: D RATING AN Protection 61: D RATING AN Protection 61:	ND POSTING Operating Ra Operating 70: C DATA Structur Curb/Sd	ating Method 63 ating 64: 3 10.0-19	SUFF RATE: : 8 LRFRusing HL 34.1 TONS 9.9%below 49: 1,903.87 ft 50A: 0.00 ft 50B: 0.00 ft	39.1
Inventory Rating M Inventory Rating Design Load Posting Status Length Max Span Width Curb to Curl	/A (NBI) (cethod 65: 66: 31: 41: 48: b 51:	Ebannel/Channel P LOAE 8 LRFRusing HL-9 26.4 TONS 6 MS18(HS20)+m P Posted for load 130.60 ft 71.85 ft 61.00 ft	Poor Protection 61: D RATING AN P3 loadin Rod GEOMETRIC	ND POSTING Operating Ra Operating Ra Posting 70: C DATA Structur Curb/Sd Curb/Sic	ating Method 63 ating 64: 3 10.0-19 re Length	SUFF RATE: : 8 LRFRusing HL 34.1 TONS 0.9%below 49: 1,903.87 ft 50A: 0.00 ft 50B: 0.00 ft 52: 76.44 ft	39.1
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Inventory Rating M Inventory Rating M Inventory Rating Design Load Posting Status Length Max Span Width Curb to Curl Approach Roadwa (w/ shoulders)	/A (NBI) (cethod 65: 66: 31: 41: 48: b 51:	Ebannel/Channel P LOAE 8 LRFRusing HL-9 26.4 TONS 6 MS18(HS20)+m P Posted for load 130.60 ft 71.85 ft 61.00 ft	Poor Protection 61: D RATING AN P3 loadin Rod GEOMETRIC	7 Minor Da ND POSTING Operating Ra Operating 70: C DATA Structur Curb/Sd Curb/Sic Width O Median	amage ating Method 63 ating 64: 3 10.0-19 The Length lwlk Width L dewalk Width R ut to Out	SUFF RATE: : 8 LRFRusing HL 34.1 TONS 9.9%below 49: 1,903.87 ft 50A: 0.00 ft 50B: 0.00 ft 52: 76.44 ft 3: 0 No median 5: 1 Yes, flared	39.1
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Inventory Rating M Inventory Rating M Inventory Rating Design Load Posting Status Length Max Span Width Curb to Curl Approach Roadwa (w/ shoulders) Deck Area: Skew Vertical Clearance	/A (NBI) (Clearance Over	Ebannel/Channel P LOAE 8 LRFRusing HL-9 26.4 TONS 6 MS18(HS20)+m P Posted for load 130.60 ft 71.85 ft 61.00 ft 145,531.00 sq. ft 0.00° 99.99 ft Bridge 53:	Poor Protection 61: D RATING AN PROTECTION OF THE PROTECTION OF TH	Sub 60: 4 7 Minor Da ND POSTING Operating Ra Operating Ra Posting 70: C DATA Structur Curb/Sd Curb/Sic Width O Median Structur Horizont	amage ating Method 63 ating 64: 3 10.0-19 The Length liwik Width L dewalk Width R ut to Out 33 The Flared 3 tal Clearance 4	SUFF RATE: : 8 LRFRusing HL 34.1 TONS 9.9%below 49: 1,903.87 ft 50A: 0.00 ft 50B: 0.00 ft 52: 76.44 ft 3: 0 No median 5: 1 Yes, flared	39.1
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Inventory Rating M Inventory Rating M Inventory Rating Design Load Posting Status Length Max Span Width Curb to Curl Approach Roadwa (w/ shoulders) Deck Area: Skew Vertical Clearance Minimum Vertical C	dethod 65: 66: 31: 41: 48: 5 51: y width 32: Clearance Over Underclearance	Ehannel/Channel P LOAE 8 LRFRusing HL-9 26.4 TONS 6 MS18(HS20)+m P Posted for load 130.60 ft 71.85 ft 61.00 ft 145,531.00 sq. ft 0.00° 99.99 ft Bridge 54A: Reference 54A:	Poor Protection 61: D RATING AN P3 loadin od GEOMETRIC 18.33 H Hw	Sub 60: 4 7 Minor Da ND POSTING Operating Ra Operating Ra Posting 70: C DATA Structur Curb/Sd Curb/Sic Width O Median Structur Horizont 3 ft	amage ating Method 63 ating 64: 3 10.0-19 The Length ating Width L dewalk Width R ating to Out 33 The Flared 3 atal Clearance 4	SUFF RATE: : 8 LRFRusing HL 34.1 TONS 9.9%below 49: 1,903.87 ft 50A: 0.00 ft 50B: 0.00 ft 52: 76.44 ft 3: 0 No median 5: 1 Yes, flared	39.1
Inventory Rating M Inventory Rating M Inventory Rating Design Load Posting Status Length Max Span Width Curb to Curl Approach Roadwa (w/ shoulders) Deck Area: Skew Vertical Clearance Minimum Vertical C	dethod 65: 66: 31: 41: 48: 5 51: y width 32: Clearance Over Jnderclearance	Ehannel/Channel P LOAE 8 LRFRusing HL-9 26.4 TONS 6 MS18(HS20)+m P Posted for load 130.60 ft 71.85 ft 61.00 ft 145,531.00 sq. ft 0.00° 99.99 ft Bridge 53: Reference 54A: Reference R 55A:	Poor Protection 61: D RATING AN P3 loadin Rod REOMETRIC 18.33 H Hw	Sub 60: 4 7 Minor Da ND POSTING Operating Ra Operating Ra Posting 70: C DATA Structur Curb/Sd Curb/Sic Width O Median Structur Horizont 3 ft vy beneath struct 7 ft	amage ating Method 63 ating 64: 3 10.0-19 The Length ating Width L dewalk Width R ating to Out 33 The Flared 3 atal Clearance 4	SUFF RATE: : 8 LRFRusing HL 34.1 TONS 9.9%below 49: 1,903.87 ft 50A: 0.00 ft 50B: 0.00 ft 52: 76.44 ft 3: 0 No median 5: 1 Yes, flared	39.1

Bridge Inspection Report Structure Inventory and Appraisal Sheet (English Units)

		ΔGF	AND SER	VICE		
Year Built	27:	1969		ADT	29:	76,700
Type of Service on	42A:	1 Highway		Year Reconstructed	106:	1998
Type of Service under	42B:	8 Hwy-waterway-RR		Detour Length	19:	2.0 mi
Lanes on	28A:	5		Truck ADT	109:	10%
Lanes under	28B:	8		Year of ADT	30:	2008
		STRUCTURE	TVDE ANI	D MATERIALS		
Number of Approach Sp	ans 46:	20		Number of Spans Main Unit	45:	1
Wearing Surface	108A:	6 Bituminous		Main Span Material Design	43A:	3 Steel
Membrane	108B:	2 Preformed Fabric		Main Span Material Design	43B:	02 Stringer/Girder
Deck protection	108C:	8 Unknown		Deck Type	107:	1 Concrete-Cast-ir
			PPRAISAL			
Bridge Rail 36A:	1 Meet	s Standards		Approach Rail 36C:	0 Sı	ubstandard
Transition 36B:	0 Subs	tandard		Approach Rail Ends 36D:	0 Sı	ubstandard
Str Evaluation 67:	4 Minin	num Tolerable		Deck Geometry 68:	4 To	olerable
Waterway Adequacy 71:	7 Abov	e Minimum		Approach Alignment 72:	6 Ed	qual Min Criteria
Scour Critical 113:	3 SC -	Unstable				
Underclearance, Vertica	l and Horiz	contal 69:	1 Tolerable			
		CL	ASSIFICAT	ION		
Defense Highway 100:	1 On Ir	terstate STRAHNE		Parallel Structure 101:	Left	of bridge
Direction of Traffic 102:	1 1-wa	y traffic		Temporary Structure 103:	Not	Applicable (P)
Highway System 104:	3 On fr	ee road		NBIS Length 112:	Lon	g Enough
Defense Hwy 110:	1 On th	ne NHS		Functional Class 26:	11 L	Jrban Interstate
Toll Facility 20:	1 On Ir	terstate STRAHNE		Historical Significance 37:	4 Hi	st sign not determin
Owner 22:	01 Sta	te Highway Agency		Custodian 21: 01	State	Highway Agency
		PROPOS	ED IMPRO	VEMENTS		
Bridge Cost 9	4 : \$29,	571,332		Type of Work 75:	35	Rehabilitate-gen.
Roadway Cost 9	5 : \$2,9	57,133		Length of Improvement 76	: 1,	903.9 ft
Total Cost 9	6 : \$44,3	356,998		Future ADT 114	: 9	2,040
Year of Cost Estimate 9	7 : 200)7		Year of Future ADT 115:	2	036
			/IGATION I			00 = 5
		mit Required		Horizontal Clearance	40	: 99.7 ft
Vertical Clearance 39		0 ft				
Pier Protection 111	: 2 lr	n-Place, Functioning		Lift Bridge Vertical Cleara	nce 116	6:

Bridge Inspection Report Structure Inventory and Appraisal Sheet (English Units)

Elm/Env		Descrip	otion	Unit	Total Qty	% in 1	Qty. St. 1	% in 2	Qty. St. 2	% in 3	Qty. St. 3	% in 4	Qty. St. 4
			1	40	,	Do Co	acrete Dec		٦				
Elm	1	Descri	ntion	Unit	Total Qty	% St 1	Otv. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St
12	+	Re Concre	•	sq.ft	142,889.00	94%	134,317.00	5%	7,144.00	1%	1,428.00	0%	0.00
	<u> </u>						10 1,0 11100		,	""	,		
e "Eleme			spected during to the concrete Deck				lement Sum	mary Not	es Combine	ed" for			
ails.	510	We	earing Surfaces	sq.f	t 142,889.0	00 94	% 134,317.	00 5%	7,144.0	0 1%	1,428.0	0 0%	0.00
_		See "El details.	ement #12 - Rein	forced (Concrete Deci	k" in pdf.	file named "E	Br. 700 El	ement Sum	mary No	tes Combine	d" for	
	3210	el/Spall/	Patch/Pot(Wear	Sul eac	h 4,286.00	09	6 0.00	83%	3,572.0	00 17%	714.00	0%	0.00
			See "Element # Combined" for a		nforced Conci	rete Deck	r" in pdf. file r	named "B	r. 700 Elem	ent Sumi	mary Notes		
	3220	Crack	(Wearing Surface	e) eac	h 4,286.00	09	6 0.00	83%	3,572.0	00 17%	714.00	0%	0.00
			See "Element # Combined" for a		nforced Concr	rete Deck	" in pdf. file r	named "B	r. 700 Elem	ent Sumi	mary Notes		
Г	1080	laminati	ion/Spall/Patched	Ar eac	h 2,143.00	09	6 0.00	83%	1,786.0	0 17%	357.00	0%	0.00
_		See "El details.	ement #12 - Rein	nforced (Concrete Deci	k" in pdf.	file named "E	3r. 700 El	ement Sum	mary No	es Combine	d" for	
	1090	E:	xposed Rebar	eac	h 2,143.00	0%	6 0.00	83%	1,786.0	0 17%	357.00	0%	0.00
_		See "El details.	ement #12 - Rein	nforced (Concrete Deci	k" in pdf.	file named "E	Br. 700 El	ement Sum	mary No	es Combine	d" for	
Г	1120	Efflores	cence/Rust Stain	ing eac	h 2,143.00	0%	6 0.00	83%	1,786.0	0 17%	357.00	0%	0.00
_	_	See "El details.	ement #12 - Rein	nforced (Concrete Deci	k" in pdf.	file named "E	Br. 700 El	ement Sum	mary No	es Combine	d" for	
	1130	Cracki	ng (RC and Othe	r) eac	h 2,143.00	09	6 0.00	83%	1,786.0	0 17%	357.00	0%	0.00
Γ	1130		3 (

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Bridge Inspection Report Structure Inventory and Appraisal Sheet (English Units)

		10	15	Ro Clea	l Box Gir	dor	7				
Elm	Description	Unit	Total Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St
105	Re Clsd Box Girder	ft	922.00	7%	65.00	50%	461.00	43%	396.00	0%	0.00
x girders typi kage stains. e pdf. file nan erior of box g e pdf. file nan ders and an i	were inspected as part of thi ically exhibit spalls with exponent "Br. 700 Defects Tables Chirders. The control of exterior box gires are largely based on in was made to avoid double-control of the control of exterior box gires and gires	sed reb ombine ry Notes der defi	ar, hollow are ed.pdf" for orion s Combined.p ciencies.	as, concr entation d	ete patches Irawings an	d a tabula deficienc	ation of defi	iciencies	for		
52	1 Conc Prot Coating	sq	.ft 120.00	909	% 108.0	0 0%	0.00	0%	0.00	10%	12.0
35	See pdf. file named "Br. deficiencies for interior See pdf. file named "Br. box girders and an item Vear (Concrete Protect C	of box g 700 Ele ization d	irders. ement Summa of exterior box	nry Notes (Combined.p	df" for a s	ummary of	deficienc	ies for interi		% 12.0
100	See pdf. file na deficiencies for See pdf. file na interior of box o	interior med "Bi irders a	of box girders r. 700 Element and an itemizat	t Summar	y Notes Cor erior box gir	mbined.pa der deficie	lf" for a sum encies.	mary of o	deficiencies	for	T 0.0
108	See pdf. file named "Br. deficiencies for interior See pdf. file named "Br. box girders and an item	700 De of box g 700 Ele	efects Tables C irders. ement Summa	Combined. ary Notes	pdf" for orie Combined.p	ntation dr	awings and		tion of	<u> </u>	0.0
109	90 Exposed Rebar	ea	ch 46.00	0%	6 0.00	78%	6 36.00	22%	6 10.00	0%	0.0
	See pdf. file named "Br. deficiencies for interior See pdf. file named "Br. box girders and an item	of box g 700 Ele	irders. ement Summa	ry Notes	Combined.p					ior of	
112	20 Efflorescence/Rust Stair	ing ea	ch 244.00	0%	6 0.00	50%	6 122.00	0 50%	6 122.0	0 0%	0.0
	See pdf. file named "Br. deficiencies for interior See pdf. file named "Br. box girders and an item	of box g 700 Ele	irders. ement Summa	ry Notes (Combined.p		-			ior of	
113	Cracking (RC and Other	er) ea	ch 495.00	0%	6 0.00	61%	6 303.00	0 39%	6 192.0	0 0%	0.0
	See pdf. file named "Br. deficiencies for interior See pdf. file named "Br.	of box g	irders.				-			ior of	

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box girders and an itemization of exterior box girder deficiencies.

Bridge Inspection Report Structure Inventory and Appraisal Sheet (English Units)

		1	10	7 St	eel Onr	Girder/E	loam	`		,		
Elm	1	Description	Unit	Total Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
107	Stee	el Opn Girder/Beam	ft	1,430.00	55%	782.00	35%	500.00	10%	148.00	0%	0.00
Steel gird deep at s See pdf. f steel gird	lers typically upports and file named " lers.	re inspected as part of thi y exhibit peeling paint wi I minor waviness of botto Br. 700 Defects Tables Co Br. 700 Element Summar	th light om flanç ombine	to heavy corr ges. There are d.pdf" for orie	osion at second of the content of th	supports, p epair plates rawings an	at suppo	rts. ation of def	iciencies	for		
	515	Steel Protective Coating	g sq.	ft 21,000.0	00 359	% 7,350.0	00 30%	6,300.0	00 30%	6,350.0	00 5%	1,000.00
		See pdf. file named "Br. deficiencies for steel gird See pdf. file named "Br. girders.	lers.									
	3410	halk(Steel Protect Coatii	ngs eac	h 6,300.0	0 09	6 0.00	1009	6,300.0	0%	0.00	0%	0.00
ı	2420	See pdf. file nar deficiencies for See pdf. file nar steel girders.	steel gir ned "Br.	ders. 700 Element	Summar	y Notes Cor	nbined.pa	f" for a sum	mary of o	deficiencies	for	1 1000 00
	3420	el/Bub/Crack(Stl Protect	Co eac	h 7,350.0	0 0%	6 0.00	0%	0.00	869	6,350.0	00 14%	1,000.00
		See pdf. file nan deficiencies for See pdf. file nan girders.	steel gir	ders.								
[1000	Corrosion	eac	h 500.00	0%	6 0.00	71%	6 353.0	0 29%	6 147.00	0 0%	0.00
		See pdf. file named "Br. deficiencies for steel gird See pdf. file named "Br. girders.	lers.									
	1020	Connection	eac	h 1.00	0%	6 0.00	0%	0.00	1009	% 1.00	0%	0.00
		See pdf. file named "Br. deficiencies for steel gird See pdf. file named "Br. girders.	lers.					_				
ſ	1900	Distortion	eac	h 143.00	0%	6 0.00	1009	% 143.0	0 0%	0.00	0%	0.00
•		See pdf. file named "Br. deficiencies for steel gird See pdf. file named "Br. girders.	lers.									

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Bridge Inspection Report Structure Inventory and Appraisal Sheet (English Units)

			109	9 Pre	Opn Co	nc Girde	r/Beam	7				
Elm		Description	Unit	Total Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
109	Pre O	pn Conc Girder/Beam	ft	14,543.00	81%	11,724.00	4%	629.00	12%	1,673.00	4%	517.00
Prestress concrete cracks). See pdf. 1 prestress See pdf. 1	sed girders/ patches, efi file named " sed girders/ file named "	crete girders/corbels wer corbels typically exhibit s florescence, rust stains a Br. 700 Defects Tables Corbels. Br. 700 Element Summar an itemization of deficien	spalls wi nd leaka ombined y Notes	th exposed rage stains. The	ebar, sec nere are s entation c	tion loss or scattered cr	exposed acks (sor	d rebars, ho ne structura ation of defi	Il shear	for		
	521	Conc Prot Coating	sq.f	t 5,000.00	0 85	% 4,250.0	00 0%	0.00	8%	375.0	0 8%	375.00
	2540	See pdf. file named "Br. deficiencies for prestres. See pdf. file named "Br. prestressed girders/corb	sed girde 700 Elei els.	ers/corbels. ment Summa	ry Notes	Combined.p	df" for a s	summary of o	deficienc	ies for	0 5000	275.00
	3510	Vear (Concrete Protect C		<u> </u>	<u> </u>	<u> </u>	<u> </u>	ı	50%	ı	<u> </u>	375.00
Ī	1000	See pdf. file nar deficiencies for See pdf. file nar prestressed gird	prestres med "Br. ders/corb	sed girders/co 700 Element pels.	orbels. Summar	y Notes Cor	nbined.po	lf" for a sum	mary of c	deficiencies	for	1
l	1080	lamination/Spall/Patched	Ar eac	h 728.00	0%	6 0.00	36%	6 264.00	36%	6 264.0	0 27%	200.00
		See pdf. file named "Br. deficiencies for prestres. See pdf. file named "Br. prestressed girders/corb	sed girde 700 Elei	ers/corbels.								
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Bridge Inspection Report Structure Inventory and Appraisal Sheet (English Units)

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Bridge Inspection Report

Structure Inventory and Appraisal Sheet (English Units)

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Bridge Inspection Report

Structure Inventory and Appraisal Sheet (English Units)

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See the 8/7/2013 Underwater Inspection Report.

Bridge Inspection Report Structure Inventory and Appraisal Sheet (English Units)

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pier caps.

Bridge Inspection Report Structure Inventory and Appraisal Sheet (English Units)

	_		300) ;	Strip Se	al Exp Jo	int					
Elm		Description	Unit	Total Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
300	S	trip Seal Exp Joint	ft	93.00	0%	0.00	100%	93.00	0%	0.00	0%	0.00
		vas not inspected during Strip Seal Expansion Joi) Element S	ummary	Notes Com	bined" fo	r		
	2310	Leakage	eac	n 90.00	0%	6 0.00	1009	% 90.00	0%	0.00	0%	0.00
·		See "Element #300 - Str for details.	ip Seal I	Expansion Jo	ints" in pa	f. file named	l "Br. 700	Element S	ummary I	Notes Comb	ined"	
	2330	Seal Damage	eacl	n 1.00	0%	6 0.00	100	% 1.00	0%	0.00	0%	0.00
,		See "Element #300 - Str for details.	ip Seal I	Expansion Jo	ints" in pa	f. file named	l "Br. 700	Element S	ummary I	Notes Comb	ined"	
	2350	Debris Impaction	eac	n 1.00	0%	6 0.00	1009	% 1.00	0%	0.00	0%	0.00
		See "Element #300 - Str for details.	ip Seal I	Expansion Jo	ints" in pa	f. file named	l "Br. 700	Element S	ummary I	Notes Comb	ined"	
	2370	etal Deterioration or Dar	nag eacl	n 1.00	0%	6 0.00	1009	% 1.00	0%	0.00	0%	0.00
		See "Element #300 - Str for details.	ip Seal I	Expansion Jo	ints" in pa	f. file named	l "Br. 700	Element S	ummary I	Notes Comb	ined"	
			30	1	Pourabl	e Joint S	eal					
Elm		Description	Unit	Total Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
301	Р	ourable Joint Seal	ft	1,151.00	68%							
					0070	786.00	30%	345.00	2%	20.00	0%	0.00
	ment #301 -	vas not inspected during Pourable Joint Seals" in	pdf. file	named "Br. 7	pection.	ent Summar	y Notes (Combined"	for detail	s.		
				named "Br. 7	pection.	ent Summar		Combined"	for detail	s.	0%	
	ment #301 -	Pourable Joint Seals" in	pdf. file eac	named "Br. 7	oection. 700 Eleme	ent Summar	y Notes (Combined" // 344.0	for detail	s. 0.00	0%	
	ment #301 -	Pourable Joint Seals" in Leakage See "Element #301 - Po	pdf. file eac	named "Br. 7	oection. 700 Eleme	ent Summar 6 0.00 amed "Br. 7	y Notes (Combined" % 344.0	for detail	s. 0.00 Combined" fi	0%	0.00
	ment #301 - 2310	Pourable Joint Seals" in Leakage See "Element #301 - Podetails.	eacl	named "Br. 7 1 344.00 pint Seals" in	pection. 700 Eleme 0% pdf. file n	ent Summar 6 0.00 amed "Br. 7	y Notes (100°)	344.00 344.00 1.00 1.00	for detail 0 0% y Notes 0	s. 0.00 Combined'' fi	0%	0.00
	ment #301 - 2310	Pourable Joint Seals" in Leakage See "Element #301 - Podetails. Seal Damage See "Element #301 - Podetails.	eacl	named "Br. 7 1 344.00 pint Seals" in 1.00 pint Seals" in	pection. 700 Eleme 0% pdf. file n	ent Summar 6 0.00 amed "Br. 7 6 0.00 amed "Br. 7	y Notes (100°)	Combined" 344.00 Int Summar 1.00 Int Summar	for detail 0 0% y Notes 0	s. 0.00 Combined" fi	0% 0% 0%	0.00

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Bridge Inspection Report Structure Inventory and Appraisal Sheet (English Units)

		Structure	IIVEI	itory ari	и Арр	i aisai s	oneet	. (⊏ngiis —	SII UII	115)		
			31	0 1	Elaston	neric Bear	ing	,				
Elm		Description	Unit	Total Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
310	EI	astomeric Bearing	each	401.00	34%	136.00	47%	190.00	19%	75.00	0%	0.00
Elastome	eric bearings	rings were inspected as p	ı, loss c	of bearing are	a, corros	ion and isol		-				
elastome	eric bearings file named "	Br. 700 Defects Tables Cos. Br. 700 Element Summar				_				for		
	2220	Alignment	ead	h 4.00	09	% 0.00	0%	6 0.00	1009	% 4.00	0%	0.00
		See pdf. file named "Br. deficiencies for elastome See pdf. file named "Br. elastomeric bearings.	eric bea	rings.		•						
	2230	Bulging, Splitting or Tear	ing ead	ch 200.00	09	% 0.00	759	% 150.00	25%	50.00	0%	0.00
		See pdf. file named "Br. deficiencies for elastome See pdf. file named "Br. elastomeric bearings.	eric bea	rings.		•		Ū				
	2240	Loss of Bearing Area	ead	ch 61.00	09	% 0.00	669	% 40.00	34%	21.00	0%	0.00
		deficiencies for elastome See pdf. file named "Br. elastomeric bearings.	700 Ele	ement Summa				summary of o	deficienci	ies for		
Elm		Description	31 Unit	- 	% St 1	ble Beari	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Oty St 4
311		Description Moveable Bearing	each	Total Qty 11.00	0%	Qty. St 1	36%	4.00	64%	7.00	0%	0.00
		were inspected as part of							1 5176		5,0	
due to pe See pdf. moveable	edestal dete file named " e bearings. file named "	ically exhibit gaps under rioration. Br. 700 Defects Tables Co Br. 700 Element Summar	ombine	d.pdf" for orio	entation (drawings an	d a tabul	ation of defi	ciencies			
	515	Steel Protective Coatin	g sq.	ft 132.00	09	% 0.00	679	% 88.00	33%	44.00	0%	0.00
·		See pdf. file named "Br. deficiencies for moveabl See pdf. file named "Br. bearings.	e bearii	ngs.		•					eable	
	3420	el/Bub/Crack(Stl Protect	Co ead	ch 132.00	09	% 0.00	679	% 88.00	33%	44.00	0%	0.00
		See pdf. file nar deficiencies for See pdf. file nar	moveal	ole bearings.		•						_

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moveable bearings.

Bridge Inspection Report

Structure Inventory and Appraisal Sheet (English Units)

6.00 0% 0.00 67% 4.00 33% 2.00 0%

each

1000

100													
	deficie	df. file named "Br. incies for moveable ncies for moveable df. file named "Br. ings.	e bearin	ngs.		·			-			eable	
224	10 Los	s of Bearing Area	eac	:h	5.00	0%	0.00	0%	0.00	100%	% 5.00	0%	0.0
	deficie	df. file named "Br. ncies for moveable df. file named "Br. gs.	e bearin	ngs.		-			_			eable	•
			31	3		Fixed	Bearing		1				
Elm	Desc	ription	Unit	Total	Qty %	6 St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.S
313	Fixed I	Bearing	each	11.	.00	0%	0.00	27%	3.00	73%	8.00	0%	0.0
o pedestal	deterioration	n. Defects Tables Co	mbine	d.pdf" f	or orienta	ation dra	awings and	d a tabula	ation of defi	ciencies	for		
o pedestal odf. file nam bearings.	ned "Br. 700		/ Notes	Combi			_		cies for fixe	d bearing	js.	0%	0.0
o pedestal odf. file nam bearings. odf. file nam	ned "Br. 700 See pudeficie	Defects Tables Co Element Summary Protective Coating off, file named "Br. incies for fixed bear off, file named "Br.	Notes g sq.:	ft fects Ta	ined.pdf" 110.00 ables Com	for a su	0.00	60%	6 66.00 awings and	d bearing 40% a tabulat	gs. 6 44.00 ion of	0%	0.0
o pedestal odf. file nam bearings. odf. file nam	ned "Br. 700 see "Br. 700 See po deficie See po bearin	Defects Tables Co Element Summary Protective Coating off, file named "Br. incies for fixed bear off, file named "Br.	y Notes g sq.: 700 Det rings. 700 Ele	ft fects Ta	ined.pdf" 110.00 ables Com	for a su	0.00	60%	6 66.00 awings and	40% a tabulat	gs. 44.00 ion of lies for fixed	<u>'</u>	0.0
o pedestal odf. file nam bearings. odf. file nam	ned "Br. 700 see "Br. 700 See po deficie See po bearin	Defects Tables Co Element Summary Protective Coating off. file named "Br. ncies for fixed beat off. file named "Br. gs.	y Notes g sq.: 700 Det rings. 700 Ele Co eac ned "Br. üxed be	ft ft fects Ta	ined.pdf" 110.00 ibles Com ummary I 110.00	for a sumbined.p	onbined.pdf	deficience 60% ntation dr df" for a s 60%	cies for fixe 6 66.00 awings and ummary of 6 6 66.00	40% d bearing 40% 40% 40% 40% 40% 40% 40% 40% 40% 40%	ion of des for fixed des tabulation	0% of	<u>'</u>
odf. file nam bearings. odf. file nam	ned "Br. 700 Stee See pudeficie See pe bearin 20 el/Bub.	Protective Coating f. file named "Br. ncies for fixed bea df. file named "Br. gs. //Crack(Stl Protect See pdf. file nam deficiencies for t See pdf. file nam	y Notes g sq.: 700 Det rings. 700 Ele Co eac ned "Br. üxed be	fects Ta	ined.pdf" 110.00 ibles Com ummary I 110.00	for a sumbined.p	onbined.pdf	deficience 60% ntation dr df" for a s 60%	cies for fixe 66.00 awings and ummary of 6 66.00 tation drawi	40% d bearing 40% 40% 40% 40% 40% 40% 40% 40% 40% 40%	ion of data for fixed databulation at tabulation deficiencies	0% of	<u>'</u>
pdf. file nam bearings. pdf. file nam 511	see po bearin	Protective Coating f. file named "Br. ncies for fixed beath file named "Br. gs. Crack(Stl Protect See pdf. file named deficiencies for fixed beatings. Corrosion df. file named "Br. ncies for fixed beatings. Corrosion df. file named "Br. ncies for fixed beatings.	y Notes g sq.' 700 Det rings. 700 Ele co eac ned "Br. ixed be ned "Br. co eac 700 Det rings.	fects Talender School 1970 Decarings.	ined.pdf" 110.00 ibles Com ummary I 110.00 efects Tablement Su 5.00 ibles Com	for a su 0% nbined.p Notes Co 0% bles Con ummary 0% nbined.p	0.00 df" for orien 0.00 nbined.pdf Notes Com 0.00 df" for orien	deficient 60% htation dr 60% for orier hbined.pc	cies for fixe 6 66.00 awings and ummary of 6 6 66.00 tation drawings and 5 3.00 awings and	40% a tabulat deficience 40% and 40% and 40% and 40% a tabulat	ion of 44.00 ion of ies for fixed 44.00 a tabulation deficiencies 2.00 ion of	0% of for	0.1
pdf. file nam I bearings. pdf. file nam 51!	see pudeficies See pu	Protective Coating f. file named "Br. ncies for fixed beath file named "Br. gs. Crack(Stl Protect See pdf. file named deficiencies for fixed beatings. Corrosion df. file named "Br. ncies for fixed beatings. Corrosion df. file named "Br. ncies for fixed beatings.	y Notes g sq.' 700 Det rings. 700 Ele co eac ned "Br. ixed be ned "Br. co eac 700 Det rings.	ft ft ft feets Ta	ined.pdf" 110.00 ibles Com ummary I 110.00 efects Tablement Su 5.00 ibles Com	for a su 0% nbined.p Notes Co 0% bles Con ummary 0% nbined.p	0.00 df" for orien 0.00 nbined.pdf Notes Com 0.00 df" for orien	deficient 60% htation dr 60% for orier hbined.pc	cies for fixe 6 66.00 awings and ummary of 6 6 66.00 attation drawings 6 3.00 awings and ummary of 6	40% a tabulat deficience 40% and 40% and 40% and 40% a tabulat	ion of ies for fixed 44.00 44.00 a tabulation deficiencies 2.00 ion of	0% of for	0.1

See pdf. file named "Br. 700 Defects Tables Combined.pdf" for orientation drawings and a tabulation of deficiencies for fixed bearings.

See pdf. file named "Br. 700 Element Summary Notes Combined.pdf" for a summary of deficiencies for fixed bearings.

		321 Re Conc Approach Slab									
Elm	Description	Unit	Total Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
321	Re Conc Approach Slab	sq.ft	2,352.00	0%	0.00	100%	2,352.00	0%	0.00	0%	0.00

Note: This element was not inspected during the 2016 Special Inspection.

See "Element #321 - Approach Slabs" in pdf. file named "Br. 700 Element Summary Notes Combined" for details.

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				<u> </u>					. <u> </u>		
510	Wearing Surfaces	sq.ft	2,352.00	0%	0.00	100%	2,352.00	0%	0.00	0%	0.00
	See "Element #321 - Appro	ach Sla	ıbs" in pdf. file ı	named ".	Br. 700 Elem	nent Sum	mary Notes	Combin	ed" for detail	s.	
3220	Crack (Wearing Surface)	each	2,352.00	0%	0.00	100%	2,352.00	0%	0.00	0%	0.00
	See "Element #321	1 - Appr	oach Slabs" in	pdf. file	named "Br. 1	700 Elem	ent Summai	y Notes	Combined"	for	

details

331	Re Conc Bridge Railing

Elm	Description	Unit	Total Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
331	Re Conc Bridge Railing	ft	3,808.00	91%	3,456.00	9%	352.00	0%	0.00	0%	0.00

Note: This element was not inspected during the 2016 Special Inspection.

See "Element #331 - Reinforced Concrete Bridge Railing" in pdf. file named "Br. 700 Element Summary Notes Combined" for details.

1130	Cracking (RC and Other)	each	351.00	0%	0.00	100%	351.00	0%	0.00	0%	0.00			
	See "Element #331 - Reinforced Concrete Bridge Railing" in pdf. file named "Br. 700 Element Summary Notes Combined" for details.													
2330	Seal Damage	each	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00			
	Can II Flammant #224 Bain	f = u = = = 1 C	Samawata Dwidowa	Dailinal	: alf Ela		. 700 Flame	C	Not					

See "Element #331 - Reinforced Concrete Bridge Railing" in pdf. file named "Br. 700 Element Summary Notes Combined" for details.

806	60		Sc	upper						
Unit	Tota	al Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
(EA)	2	7.00	0%	0.00	26%	7.00	74%	20.00	0%	0.00

Note: This element was not inspected during the 2016 Special Inspection.

Description

Scupper

8060

See "Element #8060 - Scuppers" in pdf. file named "Br. 700 Element Summary Notes Combined" for details.

		820	8208 R/C Spandrel Wall								
Elm	Description	Unit	Total Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
8208	R/C Spandrel Wall	ft 2,880.00		21% 614.00 45%		1,298.00	30%	863.00	4%	105.00	

See "Element #144 - Reinforced Concrete Arch.pdf" and "Element #144 - Reinforced Concrete Arch - Fascia Arches (Spa ns 1 - 6, 8 - 13 and 1R - 3R) Defects Table.pdf" for details.

		821	13	R/C R	eturn Wal	I					
Elm	Description	Unit	Total Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
8213	R/C Return Wall	(LF)	175.00	50%	87.00	45%	78.00	6%	10.00	0%	0.00

The concrete return walls were inspected as part of this 7/15/2016 Special Inspection.

Concrete return walls exhibit scattered hairline cracks, concrete discoloration, spalls up to 1/2" deep, efflorescence and rust stains.

See pdf. file named "Br. 700 Defects Tables Combined.pdf" for orientation drawings and a tabulation of deficiencies for

See pdf. file named "Br. 700 Element Summary Notes Combined.pdf" for a summary of deficiencies for concrete return walls.

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Structure Inventory and Appraisal Sheet (English Units)

1080	lamination/Spall/Patched Ar	each	44.00	0%	0.00	100%	44.00	0%	0.00	0%	0.00							
	See pdf. file named "Br. 700 deficiencies for concrete retu See pdf. file named "Br. 700 return walls.	urn wa	lls.)								
1120	Efflorescence/Rust Staining	each	23.00	0%	0.00	57%	13.00	43%	10.00	0%	0.00							
	See ndf file named "Br 700	Defec	ets Tables Comi	hined nd	See pdf. file named "Br. 700 Defects Tables Combined.pdf" for orientation drawings and a tabulation of deficiencies for concrete return walls. See pdf. file named "Br. 700 Element Summary Notes Combined.pdf" for a summary of deficiencies for concrete return walls.													
	deficiencies for concrete retu See pdf. file named "Br. 700	urn wa	lls.)								
1130	deficiencies for concrete retu See pdf. file named "Br. 700 return walls.	urn wa	lls.							0%	0.00							

		82	18	Sackwa	III, AII TYP	es					
Elm	Description	Unit	Total Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
8218	8218 Backwall, All Types		230.00	45%	104.00	35%	80.00	20%	46.00	0%	0.00

The concrete backwalls were inspected as part of this 7/15/2016 Special Inspection.

Concrete backwalls exhibit scattered hairline cracks, hollow areas, spalls up to 2" deep, efflorescence and rust stains.

See pdf. file named "Br. 700 Defects Tables Combined.pdf" for orientation drawings and a tabulation of deficiencies for concrete backwalls.

See pdf. file named "Br. 700 Element Summary Notes Combined.pdf" for a summary of deficiencies for concrete backwalls.

1080	lamination/Spall/Patched Ar	each	80.00	0%	0.00	88%	70.00	13%	10.00	0%	0.00			
	See pdf. file named "Br. 700 deficiencies for concrete ba See pdf. file named "Br. 700 backwalls	ckwalls	S.	•			J			;				
1120	Efflorescence/Rust Staining	each	23.00	0%	0.00	43%	10.00	57%	13.00	0%	0.00			
	See pdf. file named "Br. 700 Defects Tables Combined.pdf" for orientation drawings and a tabulation of deficiencies for concrete backwalls. See pdf. file named "Br. 700 Element Summary Notes Combined.pdf" for a summary of deficiencies for concrete backwalls.													
1130	Cracking (RC and Other)	each	23.00	0%	0.00	0%	0.00	100%	23.00	0%	0.00			

See pdf. file named "Br. 700 Defects Tables Combined.pdf" for orientation drawings and a tabulation of deficiencies for concrete backwalls.

See pdf. file named "Br. 700 Element Summary Notes Combined.pdf" for a summary of deficiencies for concrete backwalls.

		830	8305 Asphaltic Joint Material								
Elm	Description	Unit	Total Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
8305	Asphaltic Joint Material	(LF)	1,438.00	69%	987.00	30%	431.00	1%	20.00	0%	0.00

Note: This element was not inspected during the 2016 Special Inspection.

See "Element #8305 - Asphaltic Plug Joints" in pdf. file named "Br. 700 Element Summary Notes Combined" for details.

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		Structure I	nvon	tory and	· I Ann	raical S	hoot	(Englis	sh I In	ite)		
г	2240	1		¬ <u> </u>	<u> —</u>			<u> </u>		¬ ´ —	1 00/	1 0.00
L	2310	Leakage	eac	h 430.00	0%	6 0.00	1009	430.00	0 0%	0.00	0%	0.00
		See "Element #8305 - As details.	sphaltic	Plug Joints" ii	n pdf. file	named "Br.	700 Elem	nent Summa	ary Notes	Combined"	for	
	2330	Seal Damage	eacl	h 1.00	0%	6 0.00	1009	% 1.00	0%	0.00	0%	0.00
_		See "Element #8305 - As details.	sphaltic	Plug Joints" ii	n pdf. file	named "Br.	700 Elem	nent Summa	ary Notes	Combined"	for	
	2360	Adjacent Deck or Heade	er eac	h 20.00	0%	6 0.00	0%	0.00	100%	6 20.00	0%	0.00
		See "Element #8305 - As details.	sphaltic	Plug Joints" ii	n pdf. file	named "Br.	700 Elem	nent Summa	ary Notes	Combined"	for	
		Ī	833	5 (Guardra	ıil, Vehicu	lar					
						iii, voimou				_		
Elm		Description	Unit	Total Qty	% St 1		%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
Elm 8335		uardrail, Vehicular	(LF)	700.00	% St 1 95%			Qty.St 2 32.00	%St 3 0%	Qty. St 3	% St 4 0%	Qty.St 4
8335 e: This (element w	•	(LF)	700.00 S Special Insp	% St 1 95% ection.	Qty. St 1 668.00 nt Summary	%St 2 5%	32.00	0%	0.00		Qty.St 4 0.00
8335 e: This (element w	uardrail, Vehicular as not inspected during t	the 2016	700.00 6 Special Insp named "Br. 7 h 32.00	% St 1 95% ection. 00 Eleme	Oty. St 1 668.00 nt Summary 0 0.00	%St 2 5% Notes C	32.00 Combined" 1 % 32.00	o% for details 0%	0.00 5.	0%	0.00
8335 e: This (element w	as not inspected during to Vehicular Guardrail" in purpose Damage See "Element #8335 - Vehicular Guardrail"	the 2016	700.00 6 Special Insp named "Br. 70 h 32.00 Guardrail" in p	% St 1 95% ection. 00 Eleme 0% odf. file n	Oty. St 1 668.00 nt Summary 0 0.00	%St 2 5% Notes C 100% DO Eleme	32.00 Combined" 1 % 32.00	o% for details 0%	0.00 5.	0%	0.00
8335 e: This (element w	as not inspected during to Vehicular Guardrail" in purpose Damage See "Element #8335 - Vehicular Guardrail"	the 2016 each	700.00 6 Special Insp named "Br. 70 h 32.00 Guardrail" in p	% St 1 95% ection. 00 Eleme 0% odf. file n	oty. St 1 668.00 nt Summary 0 0.00 amed "Br. 70 idge Para	%St 2 5% Notes C 100% DO Eleme	32.00 Combined" 1 % 32.00	o% for details 0%	0.00 5. 0.00 ombined" fo	0%	0.00

		833	8336 Conc Bridge Parapet						_		
Elm	Description	Unit	Total Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
8336	Conc Bridge Parapet	(LF)	700.00	0%	0.00	99%	695.00	1%	5.00	0%	0.00

Note: This element was not inspected during the 2016 Special Inspection.

See "Element #8336 - Concrete Bridge Parapet" in pdf. file named "Br. 700 Element Summary Notes Combined" for

1080	lamination/Spall/Patched Ar	each	175.00	0%	0.00	97%	170.00	3%	5.00	0%	0.00
	See "Element #8336 - Cond for details.	crete B	ridge Parapet" i	n pdf. file	e named "Br.	700 Ele	ment Summ	ary Note	s Combined	п	
1130	Cracking (RC and Other)	each	525.00	0%	0.00	100%	525.00	0%	0.00	0%	0.00
	See "Element #8336 - Cond	rete B	ridge Parapet" i	n pdf. file	e named "Br.	700 Ele	ment Summ	ary Note	s Combined	"	

for details.

		836	66	Ri	ip Rap						
Elm	Description	Unit	Total Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
8366	Rip Rap	sq.ft	1,000.00	94%	940.00	3%	30.00	3%	30.00	0%	0.00

The stone and slope paved rip rap along the Gano Street Abutment R were inspected as part of this 7/15/2016 Special Inspection.

There are isolated settled and missing stones.

See pdf. file named "Br. 700 Element Summary Notes Combined.pdf" for a summary of deficiencies for stone and slope paved rip rap.

h . ~ h .											
1220	Deterioration (Other)	each	60.00	0%	0.00	50%	30.00	50%	30.00	0%	0.00
	See pdf. file named "Br. 70 slope paved rip rap.	0 Eleme	ent Summary N	otes Cor	mbined.pdf"	for a sum	nmary of def	iciencies	for stone ar	nd	

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Bridge Inspection Report Structure Inventory and Appraisal Sheet (English Units)

			836	67		Slop	e Blocks						
Elm		Description	Unit	Tota	al Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
8367		Slope Blocks	sq.ft	7	00.00	85%	595.00	0%	0.00	15%	105.00	0%	0.00
ere is m	ortar dete	tection along the Gano Si rioration between the blo 'Br. 700 Element Summal	cks.				·			·			
otection.	1610	/lortar Breakdown (Masc	nry eac	·h	105.00	0%	0.00	0%	0.00	100%	% 105.00	0%	0.00
_	1010	See pdf. file named "Br. block protection.	-1										1 0.00
			837	70	S	Steel D	iaphragn	18	1				
Elm		Description	Unit	Tota	al Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
8370	,	Steel Diaphragms	(EA)	7	70.00	19%	13.00	51%	36.00	24%	17.00	6%	4.00
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eel diaph alking of	hragms ex f paint and	thibit peeling paint with n	noderate olt. ry Notes	to he	eavy corro	osion an	summary of	deficience	cies.	0 12%	207.00	0 5%	90.00
eel diaph alking of	hragms ex f paint and le named "	thibit peeling paint with n d a missing connection b 'Br. 700 Element Summal Steel Protective Coatin	noderate olt. ry Notes ng sq. 700 Ele	Comft	eavy corro	osion an	summary of 378.00 Combined.pc	deficience	ties. 1,125.0 ummary of 0	0 12% deficienci	6 207.00	0 5%	90.00
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Bridge Inspection Report Structure Inventory and Appraisal Sheet (English Units)

		[837	1	Conc [Diaphragn	ns	7				
Elm		Description	Unit	Total Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
8371	С	onc Diaphragms	each	221.00	16%	35.00	33%	73.00	51%	113.00	0%	0.00
encrete dia eas, conc e pdf. file ncrete dia	aphragms rete patch named " aphragms named "	igms were inspected as p s exhibit hairline cracks, s nes, efflorescence and rus Br. 700 Defects Tables Co s. Br. 700 Element Summary	spalls w st stain	rith exposed r s. J.pdf" for orie	ebar and	l section los	d a tabula	ation of defi	iciencies			
,	1080	lamination/Spall/Patched	Ar eac	h 52.00	0%	6 0.00	0%	0.00	1009	% 52.00	0%	0.00
_		See pdf. file named "Br. deficiencies for concrete See pdf. file named "Br. diaphragms.	diaphra	gms.							rete	
	1090	Exposed Rebar	eac	h 12.00	0%	6 0.00	92%	6 11.00	8%	1.00	0%	0.00
	1120	See pdf. file named "Br. deficiencies for concrete See pdf. file named "Br. diaphragms. Efflorescence/Rust Staini	diaphra 700 Ele	gms. ment Summar n 11.00	y Notes	Combined.p	df" for a s	summary of	deficienci	ies for conci	rete 0%	0.00
		See pdf. file named "Br. deficiencies for concrete See pdf. file named "Br. diaphragms.	diaphra	gms.				_			rete	
	1130	Cracking (RC and Other	eac	h 111.00	0%	6 0.00	50%	6 56.00	50%	55.00	0%	0.00
		See pdf. file named "Br. deficiencies for concrete See pdf. file named "Br. diaphragms.	diaphra	gms.		-		_			rete	
			839	8 C	urb/sid	ewalks -	Con					
Elm		Description	Unit	Total Qty	% St 1	Qty. St 1	%St 2	Qty.St 2	%St 3	Qty. St 3	% St 4	Qty.St 4
8398	Cu	rb/sidewalks - Con	ft	700.00	0%	0.00	100%	700.00	0%	0.00	0%	0.00
		as not inspected during t - Curbs/Sidewalks" in pdf Efflorescence/Rust Staini	. file na	med "Br. 700	Element	_	lotes Cor	1		0.00	0%	0.00
	1120	See "Element #8398 - Co	٠,	<u> </u>								1 0.00
	4000	Settlement	eac	h 5.00	0%	6 0.00	100	% 5.00	0%	0.00	0%	0.00

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Bridge Inspection Report Structure Inventory and Appraisal Sheet (English Units)

BRIDGE NOTES

Orientation: The Mainline of the bridge (I-195 WB) is logged west to east with Girder A at the north fascia. The Gano Street Ramp portion of the bridge is logged north to south comprising of Spans 1R, 2R and 3R.

Weight Limits: The bridge is posted for "No Blanket Permit Vehicles" at the East Approaches of I-95WB and the On-Ramp per the previous inspection report.

Access:

Access water spans 4 – 10 and dock barge at East Providence Yacht club.

Access land spans 11 – 14 through CARDI construction site gate.

Access key for box girder hatches provided by RIDOT (Craig Nazareth).

Electrical room in East Abutment was not accessed per direction from RIDOT.

Bridge Inspection Report Structure Inventory and Appraisal Sheet (English Units)

PAST INSPECTION

inspection.

Inspection Date:	07/15/2016		Type:	4	Special
Inspector:			Pontis Use		·
Scope:					
NBI:		Other:		Element:	 ✓
Underwater:		Fracture Critical:			
INSPECTION NOTES	6				
Inspected by Tran Team Leader: Team Member: Weather: Varied fi This special inspe condition of element	- 7/1/2016, 7/5/20 aSystems rom cloudy, isolate ection was for the sents.	on the superstructure and substitute, 30' Lift truck and 2	unny, with a te	mperature range	
1 ' '	formed: Lane clos	sures with local police		et, Waterfront Dri	ve, Water Street
Superstructure (It	em 59), Substructi	ndition rating is 4 - Po ure (Item 60) and Cha mage, respectively and	nnel (Item 61)	were found to be	
DEFLECTION AN	ID VIBRATION: Th	nere was no significant	vibration or d	eflection noted.	
UTILITIES: See p Bridge Notes"	df. file named "Br.	700 Element Summa	ry Notes Com	bined.pdf" under "	Additional
		s Tables Combined.pd r. 700 Element Summa		•	
		Finding reported to RII			

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Bridge Inspection Report Structure Inventory and Appraisal Sheet (English Units)

PAST INSPECTION

Span 18 over the Valley Street roadway.

		07/00/0045		_		4. Decules NDI	
Insp	pection Date:	07/28/2015		Type:		1 Regular NBI	
Insp	pector:			Pontis User Ke	ey:		ı
Sco	pe:						
	NBI:		Other:	₫	Element	t: ☑	
	Underwater:		Fracture Critical:				
NSPE	ECTION NOTES						
Da Te Te	am Leader: am Member:	0/15; 7/13/15 to	7/20/15; 7/21/15; 7/23/ y and 70°F-95°F.	15; 7/27/15 and	7/28/15		•
to	inspect spans ov		manlift used to inspect d dirt areas. A 24' lado).	•			
			cal police required on volosure on I-195 WB w	•		rive, Water Street,	
Ac Ac	cess land spans cess key for box	11 – 14 through (c barge at East Provide CARDI construction site rovided by RIDOT (Cra uld not be accessed.	e gate.			
Ga Se	ano Street Ramp	portion of the brid - Reinforced Co	ge (I-195 WB) is logged dge is logged north to s ncrete Closed Box Gird	outh comprising	of Spans	1R, 2R and 3R.	
Cr	itical Findings: R	IDOT was notified	d on 7/7/2015 via email	and telephone of	of loose so	offit concrete in	

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Bridge Inspection Report Structure Inventory and Appraisal Sheet (English Units)

PAST INSPECTION

Inspection Date:	08/07/2013		Type:		D UW	/-Contract SCUBA
Inspector:			Pontis User Ke	y:	Pontis	Pontis User
Scope:						
NBI:		Other:		Elemer	nt:	
Underwater:		Fracture Critical:				
INSPECTION NOTES	3					
Inspection Crew: Crew Chief / Dive Staff Inspectors / I Dive Mode: Surface Boat: 24' boat	Divers: Alex Tetrea	Perry ault & Charles Packer				
The bridge is logg structure plans.	ed from west to ea	ast which is consistent w	with the previous	inspectio	n repor	t and the
Additional Notes:						
side of Pier #7. Th splintering in the ti	e timber dolphin p dal zone due to co	nder system in place al iles exhibit 3' high x 1.5 ollision damage(See Ph splits in the tidal zone (S	5' wide x 2" deep noto Nos. 16 and	bands of 19). The	section fender	ı loss / system
	-	ver navigational lighting on at the time of the ins				_
PAST INSPECTION						
Inspection Date:	08/02/2013		Type:		1 Re	gular NBI
Inspector:			Pontis User Ke	y:	ALAN	.TARASENKO ALAN T
Scope:						
NBI:		Other:		Elemer	nt:	
Underwater:		Fracture Critical:				
INSPECTION NOTES	3					

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Bridge Inspection Report

Structure Inventory and Appraisal Sheet (English Units)

Routine Inspection by AI Engineers Inc on 06/24/13 thru 08/02/13 and inspected in conjunction with Bridge # 020001

Crew Chief: Alan Tarasenko

Crew Members: Lee Perkins, Amanda Parker, Ziad Ismail. Weather: Varied from cloudy to sunny and 70°F-95°F.

The Mainline bridge (I-195 WB) is logged west to east with Girder A at the north. The Gano Street Ramp bridge is also logged west to east with cell 1 at the north fascia consistent with the previous inspection report. The Seekonk River flow is tidal.

NBIS Rating: The overall bridge rating is in poor condition (Rated '4'). The condition ratings for the deck (I tem 58, Rated '6'), the superstructure (Item 59, Rated '4') and the channel and channel protection (Item 61, Rated '7') remain unchanged. The NBIS rating for the Substructure (Item 60) changed from rated '5' to rated '4' to reflect the field conditions.

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Bridge Inspection Report

Structure Inventory and Appraisal Sheet (English Units)

WORK CANDIDATES

Work Candidate ID	Action	Agency Status	Agency Priority	Assigned to a Project	Rec. Date	Comp. Date
0000000-ETXM-101415-753786 560B	Bridge-Rehab	Unknown	High	0	07/28/2015	

Bridge rehab project scheduled for 2016.

[TranSystems – revised per 2016 Special Inspection]

Repair quantity is based on total defect quantity for each element.

Superstructure:

- Total Reinforced Concrete Closed Box Girder (Element # 105) repair quantity (857 LF)
- Total Steel Open Girder (Element #107) repair quantity (644 LF)
- Total Prestressed Concrete Open Girder (Element #109) repair quantity (2819 LF)
- Total Reinforced Concrete Arch (Element #144) repair quantity (2266 LF)
- Total Elastomeric Bearing (Element #310) repair quantity (265 EA)
- Total Movable Bearing (Element #311) repair quantity (11 EA)
- Total Fixed Bearing (Element #313) repair quantity (11 EA)
- Total Steel Diaphragms (Element #8370) repair quantity (21 EA)
- Total Concrete Diaphragms (Element #8371) repair quantity (186 EA)

Substructure:

- Total Reinforced Concrete Column (Element #205) repair quantity (59 EA)
- Total Reinforced Concrete Pier Wall (Element #210) repair quantity (259 LF)
- Total Reinforced Concrete Abutment (Element # 215) repair quantity (152 LF)
- Total Reinforced Concrete Pier Cap (Element #234) repair quantity (388 LF)
- Total Reinforced Concrete Return Wall (Element #8213) repair quantity (88 LF)
- Total Backwall (Element # 8218) repair quantity (126 LF)
- Total Riprap (#8366) repair quantity (60 SF)
- Total Slope Blocks (#8367) repair quantity (105 SF)

See pdf. file named "Br. 700 Defects Tables Combined.pdf" for orientation drawings and a tabulation of deficiencies.

See pdf. file named "Br. 700 Element Summary Notes Combined.pdf" for a summary of deficiencies.

0000000-XLNE-070815-FA9273	Chipping of loose	Complete	High	0	08/07/2013	07/13/2015
3581	Concrete	d				

See e-mail from AECOM dated 07/07/2015. There are three locations with delaminated/spalled concrete on the concrete deck soffit. All three locations are over roadways. Dave Fish instructed Maintenance to remove the loose concrete on 07/08/2015.

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