



State of New Jersey
 Department of Transportation



Bureau of Operations Support and Engineering

DRAWBRIDGE PREVENTIVE MAINTENANCE CONTRACT 2017-2
 STATEWIDE

FEDERAL PROJECT NUMBER: NHP-STP-0030(347)

DP No: 17451

CE No: 2206356

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	KEY MAP - 1
3	ESTIMATE OF QUANTITIES

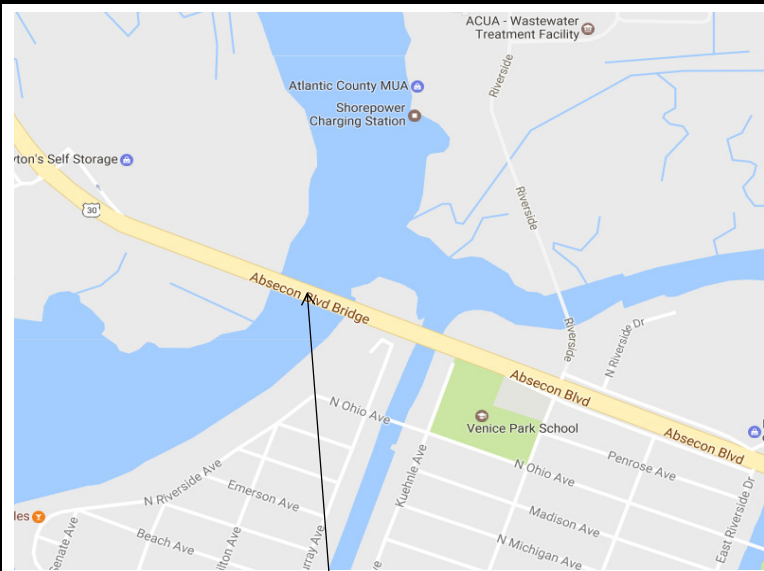
Submitted by *John Longworth* 6/12/17
 JOHN LONGWORTH
 MANAGER
 BUREAU OF OPERATIONS SUPPORT AND ENGINEERING
 DATE

Recommended for Approval by *Michael Davis* 6-16-17
 MICHAEL DAVIS
 DIRECTOR
 OPERATIONS SUPPORT
 DATE

Approved by *Andrew J. Tunnard* 6/22/2017
 ANDREW J. TUNNARD
 ASSISTANT COMMISSIONER
 OPERATIONS
 DATE

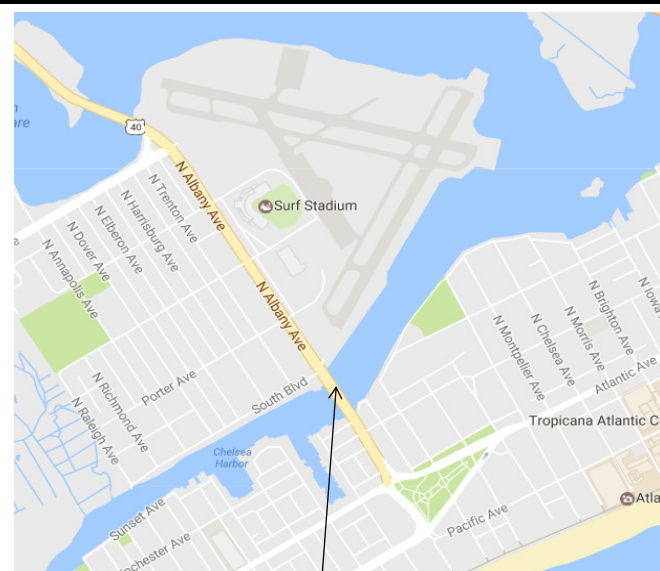
Approved by *Eli D. Lambert II* 6/21/17
 ELI D. LAMBERT II
 STATE TRANSPORTATION ENGINEER
 DATE

STANDARD ROADWAY CONSTRUCTION/TRAFFIC CONTROL/BRIDGE CONSTRUCTION DETAILS 2007
 AND STANDARD ELECTRICAL DETAILS BOOKLET, 2007, ARE APPLICABLE TO THIS PROJECT BOOKLET
 EXCEPT FOR THOSE DETAILS CONTAINED HEREIN.



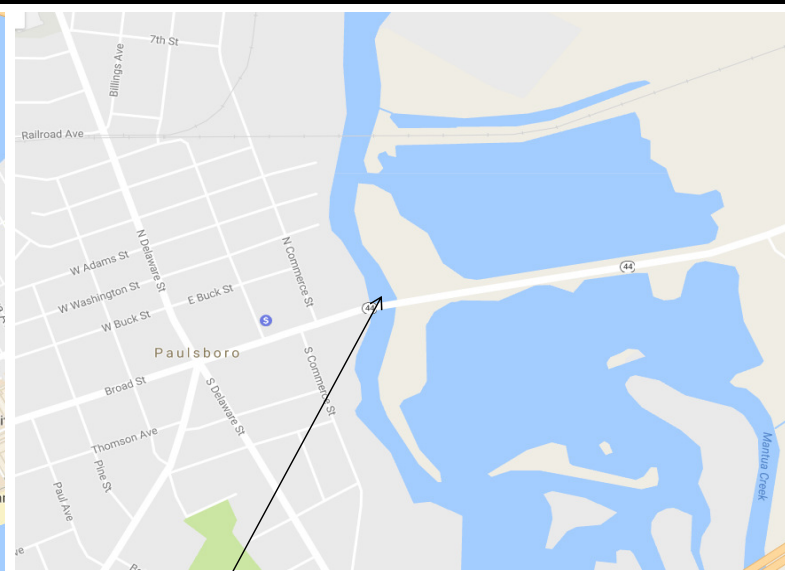
STRUCTURE No. 103-152, RT 30, MP 56.77
US-30 over Beach Thorofare
Atlantic City, Atlantic County

STRUCTURE No. 1321-150, RT 71, MP 5.89
NJ-71 over Shark River
Belmar Boro, Avon-By-The-Sea Boro,
Monmouth County

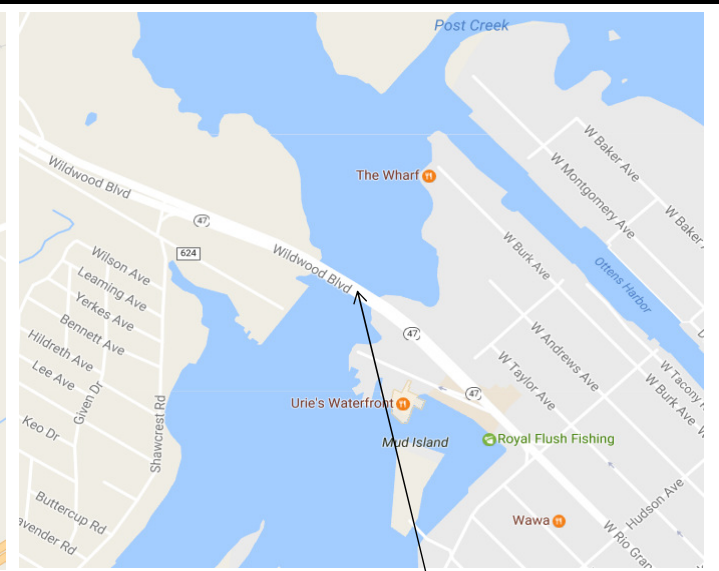


STRUCTURE No. 0109-155, RT 40, MP 64.00
US-40 over Inside Thorofare
Atlantic City, Atlantic County

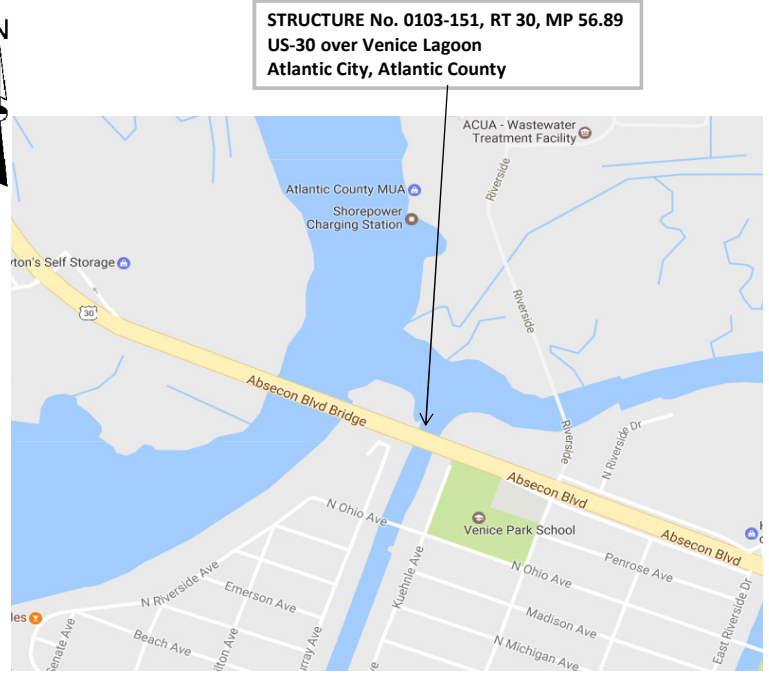
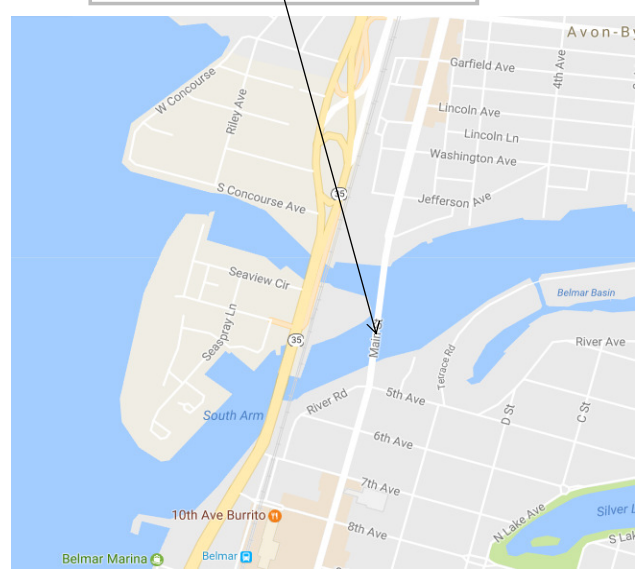
STRUCTURE No. 1710-152, RT 130, MP 5.89
US-130 over Oldmans Creek
Oldmans Twp., Logan Twp., Salem County



STRUCTURE No. 0806-151 RT 44, MP 6.30
NJ-44 over Mantua Creek
Paulsboro Boro, West Deptford Twp.,
Gloucester County



STRUCTURE No. 0506-150, RT 47, MP 0.92
NJ-47 over Grassy Sound
Lower Twp., Cape May County



STRUCTURE No. 0103-151, RT 30, MP 56.89
US-30 over Venice Lagoon
Atlantic City, Atlantic County

DRAWBRIDGE PREVENTIVE MAINTENANCE CONTRACT 2017-2
STATEWIDE

No.	Structure No.	Route & Mile Post	Description	Municipality	County
101	0103-152	Rt. 30, MP 56.77	US-30 over Beach Thorofare	Atlantic City	Atlantic
102	0109-155	Rt. 40, MP 64	US-40 over Inside Thorofare	Atlantic City	Atlantic
103	0806-151	Rt. 44, MP 6.30	NJ-44 over Mantua Creek	Paulsboro Boro, West Deptford Twp.	Gloucester
104	0506-150	Rt. 47, MP 0.92	NJ-47 over Grassy Sound	Lower Twp.	Cape May
105	1321-150	Rt. 71, MP 5.89	NJ-71 over Shark River	Belmar Boro, Avon-By-The-Sea Boro	Monmouth
106	1710-152	Rt. 130, MP 5.89	US-130 over Oldmans Creek	Oldmans Twp., Logan Twp.	Salem
201	0103-151	Rt. 30, MP 56.89	US-30 over Venice Lagoon	Atlantic City	Atlantic

NEW JERSEY DEPARTMENT OF TRANSPORTATION

KEY MAP

DRAWBRIDGE PREVENTIVE MAINTENANCE
 CONTRACT 2017-2
 STATEWIDE

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ITEM NO.	S. I. ITEM	DESCRIPTION	UNITS	CONTRACT QUANTITY	AS-BUILT QUANTITY
ROADWAY ITEMS					
1	151006M	PERFORMANCE BOND AND PAYMENT BOND	DLL	25000	
2	154003P	MOBILIZATION	LS	1	
3	201003P	CLEARING SITE	LS	1	
4	159027M	FLASHING ARROW BOARD 4'x8'	U	8	
5	159030M	PORTABLE VARIABLE MESSAGE SIGN	U	8	
6	MMR081M	TRAFFIC MARKINGS, LINES, THERMOPLASTIC	LF	10000	
7	610009M	TRAFFIC MARKINGS Symbols, Long Life, Thermoplastic	SF	2000	
8	610003M	TRAFFIC STRIPES, 4" Long Life, Epoxy Resin	LF	15000	
9	159126M	TEMPORARY TRAFFIC STRIPES, 4"	LF	1000	
10	159120M	TEMPORARY PAVEMENT MARKING TAPE, 4" Removable Pavement Marking Tape 4"	LF	1000	
11	610012M	RPM, MONO-DIRECTIONAL, WHITE LENS	U	100	
12	610018M	RPM, MONO-DIRECTIONAL, AMBER LENS	U	100	
13	610021M	RPM, BI-DIRECTIONAL, AMBER LENS	U	100	
14	610024M	REMOVAL OF RPM	U	300	
15	159141M	TRAFFIC DIRECTOR , FLAGGER	HR	1000	
16	159012M	CONSTRUCTION SIGNS	SF	800	
17	159006M	DRUM	U	100	
18	159108M	TRAFFIC CONTROL TRUCK WITH MOUNTED CRASH CUSHION	U	8	
19	159009M	TRAFFIC CONE	U	3000	
20	159003M	BREAKAWAY BARRICADE	U	104	
NON-PARTICIPATING ITEMS					
21	605009P	CHAIN LINK FENCE, ALUMINUM-COATED STEEL, 6' HIGH	LF	500	
22	MMG009M	E-Z PASS	DLL	5000	
23	152004P	OWNER'S AND CONTRACTOR'S PROTECTIVE LIABILITY INSURANCE	DLL	12500	
24	551009M	REPAIR OF CONCRETE DECK, TYPE C	SF	2500	
25	152015P	POLLUTION LIABILITY INSURANCE	DLL	1	
26	MMG045M	CLEAN TIDE CLEARANCE GAUGE	U	576	
27	511019M	TIDE CLEARANCE GAUGE	U	48	
CONSTRUCTION ENGINEERING ITEMS					
28	155033M	FIELD OFFICE TYPE E MAINTENANCE	MO	39	
29	155015M	FIELD OFFICE TYPE E SET UP	U	1	

ITEM NO.	S. I. ITEM	DESCRIPTION	UNITS	CONTRACT QUANTITY	AS-BUILT QUANTITY
BRIDGE ITEMS					
30	159138M	HMA PATCH	T	300	
31	MMB201M	BRIDGE DECK POWER WASHING	SY	72000	
32	MMB086M	DECK CORROSION INHIBITOR	SY	36000	
33	551006M	REPAIR OF CONCRETE DECK, TYPE B	SF	7700	
34	MMB090M	DECK JOINT RESEAL (RUBBER ASPHALT)	LF	1900	
35	MMB087M	DECK JOINT RESEAL (SILICON)	LF	3200	
36	MMB070M	BRIDGE HEADER REPAIR	LF	700	
37	MMB089M	DECK JOINT REPAIR	LF	2100	
38	MMB088M	BRIDGE DECK CRACK SEALING	LF	4600	
39	MMB077M	REPAIR CONCRETE CURB	LF	5500	
40	508005M	CLEAN EXISTING SCUPPERS AND PIPES	U	840	
41	606012P	CONCRETE SIDEWALK, 4" THICK	SY	1300	
42	555003M	SUBSTRUCTURE CONCRETE REPAIR	SF	4500	
43	552003M	PRESSURE INJECTION, CONCRETE CRACKS	LF	3500	
44	504036P	EPOXY WATERPROOFING	SY	8000	
45	506013P	LUBRICATE BEARINGS	U	1270	
46	MMG046M	PARAPET AND BALUSTRADE CRACK SEALING	LF	1000	
47	MMG047M	CONCRETE PARAPET REPAIR	SF	500	
48	MMG048M	CONCRETE BALUSTRADE REPAIR	SF	200	
49	MMG049M	RE-SEAL BASE PLATES	U	1000	
50	610031M	FLEXIBLE DELINEATORS, BARRIER CURB MOUNTED	U	500	
51	MMD035M	CLEARING SITE Bridge Deck Sweeping	MI	300	
52	MMB189M	CLEANING/LUBRICATION DRAWBRIDGE LIFT CABLE	U	4	
53	MMB190M	CLEANING/LUBRICATION DRAWBRIDGE SHEAVE ASSEMBLY	U	4	
54	MMG050M	CLEANING AND LUBRICATION Trunnion Rack & Pinion	U	864	
55	MMG050M	CLEANING AND LUBRICATION Trunnion Bearing	U	1872	
56	MMG050M	CLEANING AND LUBRICATION Air Buffer Cylinder	U	360	
57	MMB196M	DRAWBRIDGE PEST CONTROL BRUSH REPLACEMENT	LF	1500	
58	MMB200M	SERVICE WARNING GONG	U	36	
59	MMB192M	SERVICE JUNCTION BOX	U	990	
60	MMB202M	SERVICE GATE MECHANICAL EQUIPMENT QTRLY	U	312	
61	MMB202M	SERVICE GATE MECHANICAL EQUIPMENT BI-ANN	U	156	
62	MMB202M	SERVICE GATE MECHANICAL EQUIPMENT ANN	U	78	
63	MMB194M	LUBRICATE SPAN LOCK	U	612	
64	MMB198M	SERVICE SPAN LOCK MECHANICAL & ELECTRICAL EQUIPMENT	U	51	
65	MMB199M	SERVICE SPAN MOTOR	U	30	
66	MMB191M	SERVICE CONTROL SYSTEM CABINERY	U	615	
67	MMB193M	SERVICE LOUVER ASSEMBLY	U	108	
68	MMB197M	SERVICE POWER DISTRIBUTION TRANSFORMERS	U	33	
69	MMB195M	SERVICE MACHINERY/MOTOR BRAKE	U	57	
70	MMB135M	POWER TOOL CLEANING AND PAINTING	SF	4000	

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