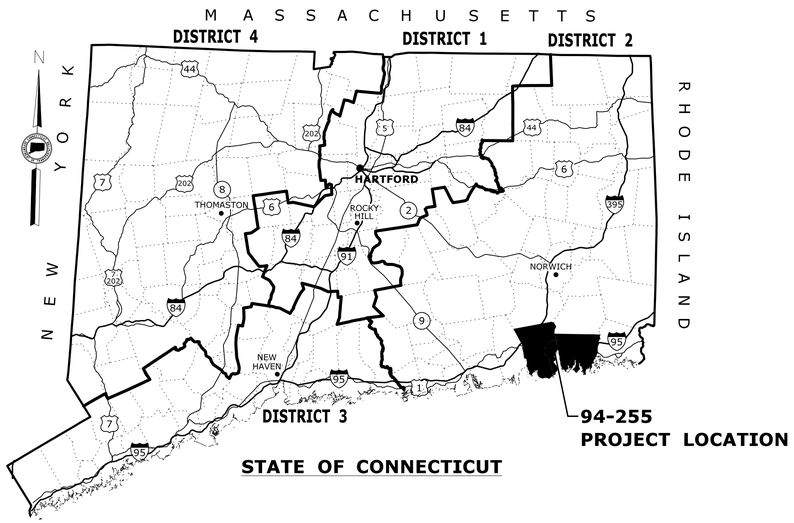
CONNECTICUT DEPARTMENT OF TRANSPORTATION

Plans For

PAVEMENT PRESERVATION ON I-95

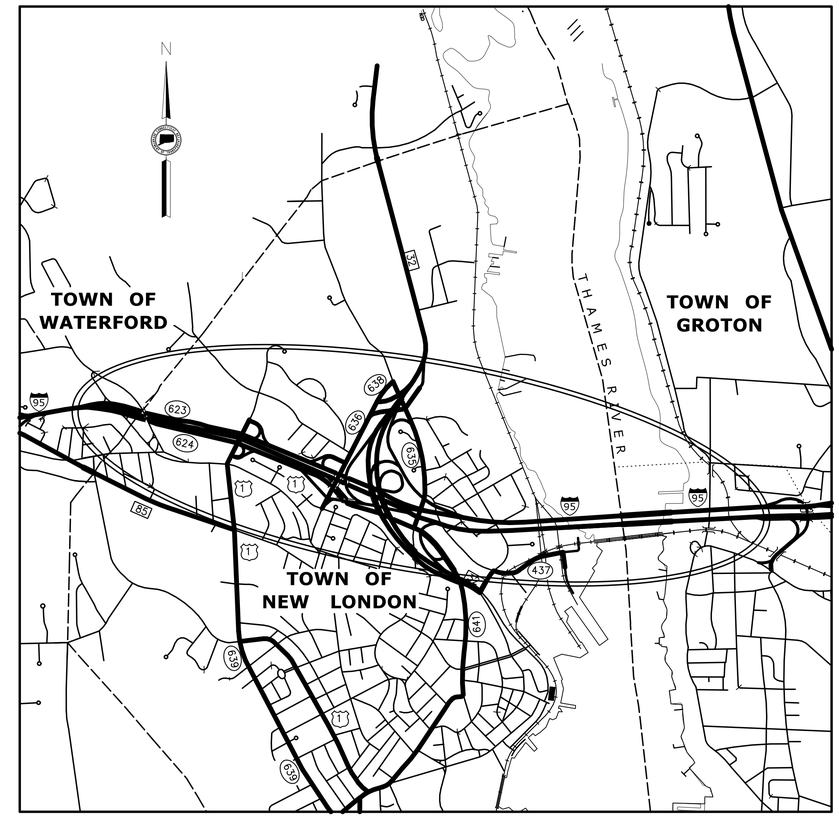
Town(s)/City of

NEW LONDON GROTON & WATERFORD



STATE OF CONNECTICUT

ROAD	MAINTENANCE RESPONSIBILITY	LENGTH
I-95	STATE	11,563 FEET

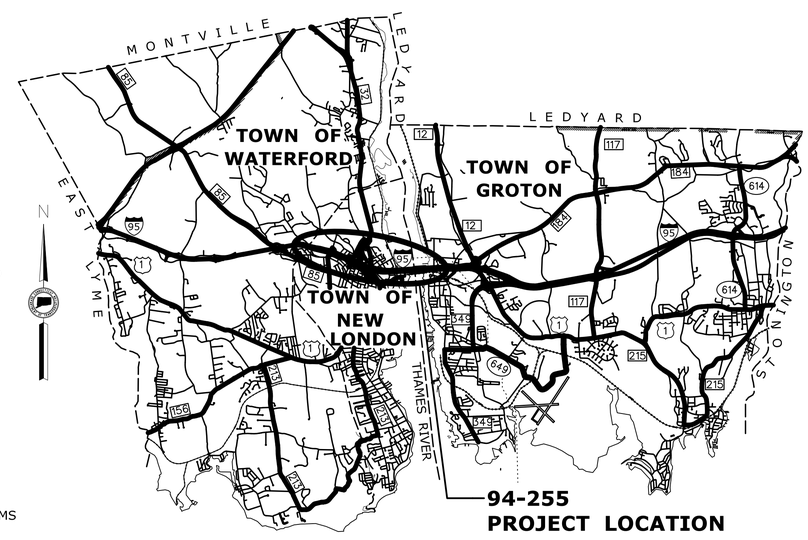


LOCATION PLAN

NOT TO SCALE

GENERAL NOTES:

1. FEDERAL AID PROJECT NO. (ALL STATE FUNDS)
2. CONSTRUCTION SPECIFICATIONS:
   Connecticut Department of Transportation, Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, dated 2004; Supplemental Specifications, dated July 2014; and Special Provisions



DISCLAIMER

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PERSONS AND/OR ENTITIES WHICH REPRODUCE AND/OR MAKE SUCH INFORMATION AVAILABLE BY ANY MEANS ARE NOT AUTHORIZED BY THE DEPARTMENT TO DO SO AND MAY BE LIABLE FOR CLAIMS RESULTING FROM THE DISSEMINATION OF UNOFFICIAL, INCOMPLETE AND/OR INACCURATE INFORMATION.

LIST OF SUBSETS

SUBSET NO.	SUBSET TITLE	*SUBSET SHEET COUNT
01	GENERAL	3
02	REVISIONS	1
03	HIGHWAYS	10
04	STRUCTURE	10
06	TRAFFIC	7
	HIGHWAY STANDARDS	5
	TRAFFIC STANDARDS	12

*THE INITIAL SUBSET SHEET COUNT DOES NOT INCLUDE ADDENDUMS AND CHANGE ORDERS

LIST OF DRAWINGS SUBSET 01 - GENERAL

DRAWING TITLE	DRAWING NO.
TITLE SHEET	G-01
DETAIL ESTIMATE SHEET	G-02
DETAIL ESTIMATE SHEET	G-03

STANDARD CONVENTIONS

North Arrow W/No. Coor.
Edge Of Road
Concrete Pavement
Dirt Road
B.C.L.C.
Granite Curb
Guide Rail
Concrete Median Barrier
Bit. Walk
Conc. Sidewalk
Railroad Tracks
Grid Arrow
Limit Of Marsh
Stone Wall
Ledge Outcrop
Inland Wetland Limits
STATE LINE
Power Line
Swamp
Building
Transmission Tower
Chain Link Fence
Rustic Fence
Pipe Fence
Board Fence
Water Edge
Stream
Ditch
TOWN LINE
Riprap
Hedge Row
Tree Line
Shrub
Evergreen Tree
Deciduous Tree
Retaining Wall
Highway Line
Street Line
Property Line
Lot Line
Easement Line

THE DESIGN APPEARS TO CONFORM TO APPLICABLE CRITERIA. APPROVAL IS NOT TO BE CONSTRUED TO MEAN THAT ALL ASPECTS OF THE DESIGN HAVE BEEN PERSONALLY CHECKED BY THE UNDERSIGNED.

William W. Britnell, P.E.
2014.11.17 12:30:39-05'00'

SUBMITTED BY: TRANSPORTATION PRINCIPAL ENGINEER - WILLIAM W. BRITNELL, PE

Timothy M. Wilson, P.E.
2014.11.26 12:16:06-05'00'

APPROVAL RECOMMENDED BY: MANAGER OF HIGHWAY DESIGN - TIMOTHY M. WILSON, PE

Scott A. Hill, P.E.
2014.11.26 12:21:17-05'00'

APPROVED BY: TRANSPORTATION ENGINEERING ADMINISTRATOR - SCOTT A. HILL, P.E.

Plans For
PAVEMENT PRESERVATION ON I-95

Town(s)/City
NEW LONDON, GROTON AND WATERFORD

STATE PROJECT NO.
0094-0255

DRAWING NO.
G-01

SHEET NO.
01.01

ROADWAY ITEMS

ITEM NUMBER	0975004	0980001	0401155	0406157	0406159	0406171	0406195	0406196	0406236	0406278	0406285	0406600	0406900
	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
	A	A	A				A	A		A			A
ITEM	MOBILIZATION AND PROJECT CLOSEOUT	CONSTRUCTION STAKING	PREPARATION OF CONCRETE PAVEMENT FOR DIAMOND GRINDING (PART1)	PMA S0.25	PMA S0.5	HMA S0.5	FILLING JOINTS AND CRACKS IN BITUMINOUS CONCRETE PAVEMENT	JOINT AND CRACK FILLING OF BITUMINOUS CONCRETE PAVEMENT	MATERIAL FOR TACK COAT	MICRO-MILLING OF H.M.A. (0" - 2")	FINE MILLING OF H.M.A. (0" - 4")	MATERIAL TRANSFER VEHICLE	MICROSURFACING
UNIT	LS	LS	c.i.	ton	ton	ton	l.f.	s.y.	gal	s.y.	s.y.	ton	s.y.
I-95 NB MAINLINE				2147	4294	311	500		3734		40048	2961	
BRIDGE 3820					105				122		1219		
ON RAMP 294					310				269		2694	297	
EXIT 83					185				161		1611	103	
ON RAMP TR 819					433				376		3762	256	
ON RAMP 312					168				146		1464	102	
BRIDGE 02864					79				91		912		
SR 624 EB					1162				1011		10109	819	
OFF RAMP 1					123				107		1068	61	
US 1 NB MAINLINE					1389				1108		11080	962	
BRIDGE 02572					102				119		1186		
OFF RAMP 2					488				424		4241	211	
BRIDGE 02611									0		0		
SR 641 SB					1039				904		9035	833	
BRIDGE 03819			40000					57214	5721	57214			57214
I-95 SB MAINLINE				1709	3418	1082	500		2972		39195	2154	
OFF RAMP TR 817					1075				935		9349	668	
OFF RAMP 315					363				315		3154	181	
OFF RAMP TR 818					204				177		1774	111	
SR 623 WB					3008				2615		26153	2056	
OFF RAMP 1 RT 32 NB					496				431		4309	288	
OFF RAMP 1					240				209		2087	186	
ON RAMP 2					255				222		2217	129	
OFF RAMP 3					221				193		1925	153	
ON RAMP 4					141				123		1227	85	
SUBTOTAL	LS	LS	40000	3856	19298	1393	1000	57214	22485	57214	179819	12616	57214
UNASSIGNED			1200	116	579	42	30	1716	675	1716	5332	378	1716
TOTAL	LS	LS	41200	3972	19877	1435	1030	58930	23160	58930	185151	12994	58930

ITEM NUMBER	0507006	0507254	0507701	0507754	0601192	0814002	0815001	0839001	0869062
	NP	NP	NP	NP	NP	NP	NP	NP	NP
					A				A
ITEM	TYPE "C" CATCH BASIN TOP	TYPE "C" CATCH BASIN DOUBLE GRATE - TYPE II TOP	RESET TYPE "C" CATCH BASIN	RESET TYPE "C" CATCH BASIN DOUBLE GRATE - TYPE II	SURFACE PATCH	RESET GRANITE STONE CURBING	BITUMINOUS CONCRETE LIP CURBING	SWEEPING FOR DUST CONTROL	CONSTRUCTION FIELD OFFICE, MEDIUM
UNIT	ea.	ea.	ea.	ea.	s.f.	l.f.	l.f.	hr	mo.
I-95 NB MAINLINE					2250				
BRIDGE 3820									
ON RAMP 294									
EXIT 83									
ON RAMP TR 819									
ON RAMP 312									
BRIDGE 02864									
SR 624 EB	6		6				1310		
OFF RAMP 1									
US 1 NB MAINLINE									
BRIDGE 02572									
OFF RAMP 2									
BRIDGE 02611									
SR 641 SB									
BRIDGE 03819									
I-95 SB MAINLINE					2250				
OFF RAMP TR 817									
OFF RAMP 315									
OFF RAMP TR 818							465		
SR 623 WB	3	1	3	1					
OFF RAMP 1 RT 32 NB									
OFF RAMP 1									
ON RAMP 2	5		5						
OFF RAMP 3									
ON RAMP 4									
SUBTOTAL	14	1	14	1	4500	120	1775	8	8
UNASSIGNED	0	0	0	0	135	0.0	53	0	0
TOTAL	14	1	14	1	4635	120.0	1828	8	8

FACILITIES

ITEM NUMBER	1001001	1008901	1010023	1010902	1014901	1016001	1111420	1111451	1113050
	NP	NP	NP	NP	NP	NP	NP	NP	NP
		A		A	A		A	A	
ITEM	TRENCHING AND BACKFILLING	REMOVE CONDUIT	CONCRETE HANDHOLE - TYPE III	REMOVE CONCRETE HANDHOLE	REMOVE CABLE	NO. 8 BARE COPPER GROUNDING CONDUCTOR	PIEZO CABLE SENSOR (TYPE 1)	LOOP DETECTOR SAW CUT	2 CONDUCTOR NO. 14 CABLE
UNIT	l.f.	l.f.	ea.	ea.	l.f.	l.f.	ea.	l.f.	l.f.
I-95 NB MAINLINE	6	45	2	2	430	40	8	245	470
BRIDGE 3820									
ON RAMP 294									
EXIT 83									
ON RAMP TR 819	4	10			85	10		95	175
ON RAMP 312									
BRIDGE 02864									
SR 624 EB									
OFF RAMP 1									
US 1 NB MAINLINE									
BRIDGE 02572									
OFF RAMP 2									
BRIDGE 02611									
SR 641 SB									
BRIDGE 03819									
I-95 SB MAINLINE									
OFF RAMP TR 817									
OFF RAMP 315									
OFF RAMP TR 818									
SR 623 WB									
OFF RAMP 1 RT 32 NB									
OFF RAMP 1									
ON RAMP 2									
OFF RAMP 3									
ON RAMP 4									
SUBTOTAL	10	55	2	2	515	50	8	340	645
UNASSIGNED	0	0	0	0	0	0	0	0	0
TOTAL	10	55	2	2	515	50	8	340	645

BRIDGE DESIGN

ITEM NUMBER	0202479	0202629	0406172	0406194	0520032	0520036	0520038	0520040	0520907	0601087	0601318	0707001
	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
	A			A	A	A	A	A	A	A	A	A
ITEM	REMOVAL OF HMA WEARING SURFACE	CUT BITUMINOUS CONCRETE PAVEMENT	HMA S0.375	JOINT AND CRACK SEALING OF BITUMINOUS CONCRETE PAVEMENT	ELASTOMERIC CONCRETE HEADER EXPANSION JOINT SYSTEM	ASPHALTIC PLUG EXPANSION JOINT SYSTEM	PREFORMED SILICONE JOINT SEALING SYSTEM	STRIP SEAL EXPANSION JOINT SYSTEM FOR REHABILITATION PROJECT	REPLACE JOINT SEAL	VARIABLE DEPTH PATCH	PARTIAL DEPTH PATCH	MEMBRANE WATERPROOFING (WOVEN GLASS FABRIC)
UNIT	s.y.	l.f.	ton	l.f.	l.f.	c.f.	l.f.	l.f.	l.f.	c.f.	c.f.	s.y.
I-95 NB MAINLINE												
BRIDGE 3820	49	153	9	147		34					12	19
ON RAMP 294												
EXIT 83												
ON RAMP TR 819												
ON RAMP 312												
BRIDGE 02864	46	138	8	138		32					12	18
SR 624 EB												
OFF RAMP 1												
US 1 NB MAINLINE												
BRIDGE 02572	16	48	3	48		20					4	6
OFF RAMP 2												
BRIDGE 02611									34			
SR 641 SB												
BRIDGE 03819	1141	3560	122	6430	110	403	270	84		3	496	
I-95 SB MAINLINE												
OFF RAMP TR 817												
OFF RAMP 315												
OFF RAMP TR 818												
SR 623 WB												
OFF RAMP 1 RT 32 NB												
OFF RAMP 1												
ON RAMP 2												
OFF RAMP 3												
ON RAMP 4												
SUBTOTAL	1252	3899	142	6763	110	489	270	84	34	3	524	43
UNASSIGNED	3	1	0	2	0	1	0	0	1	0	1	2
TOTAL	1255	3900	142	6765	110	490	270	84	35	3	525	45

P= FEDERAL AID PARTICIPATING
NP= FEDERAL AID AND NON PARTICIPATING
= FOR INTERNAL USE ONLY
NOT A LEGAL DEFINITION

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 11/14/2014

DESIGNER/DRAFTER: NCB
CHECKED BY: JDA
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\DETAILED_ESTIMATE_94_255.dgn

SIGNATURE/BLOCK:
OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE:
PAVEMENT PRESERVATION ON I-95

TOWN:
NEW LONDON
GROTON AND WATERFORD

DRAWING TITLE:
DETAILED ESTIMATE

PROJECT NO. 94-255
DRAWING NO. G-02
SHEET NO. 01.02

ITEM NO.	0406287A	0406288A	0406289A	0406314A	0406315A	0406316A	0406317A	0970007A
	RUMBLE STRIPS - AUTOMATED	RUMBLE STRIPS - MANUAL	REMOVAL OF RUMBLE STRIPS	80 MIL PAVEMENT MARKING GROOVE - 5" WIDE	80 MIL PAVEMENT MARKING GROOVE - 7" WIDE	80 MIL PAVEMENT MARKING GROOVE - 9" WIDE	80 MIL PAVEMENT MARKING GROOVE - 13" WIDE	TRAFFICPERSON (UNIFORMED FLAGGER)
DESCRITPION	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	HR.
PAVEMENT PRESERVATION ON I-95	16478	4120	20700	94876	11723	8200	1800	960

ITEM NO.	0971001A	0976002	0978002	0979003A	0980001	0981100	1010021	1010060A
	MAINTENANCE AND PROTECTION OF TRAFFIC	BARRICADE WARNING LIGHTS HIGH INTENSITY	TRAFFIC DRUM	CONSTRUCTION BARRICADE - TYPE III	CONSTRUCTION STAKING	42" TRAFFIC CONE	CONCRETE HANDHOLE TYPE II	CLEAN EXISTING CONCRETE HANDHOLE
DESCRITPION	L.S.	DAY	EA.	EA.	L.S.	EA.	EA.	EA.
PAVEMENT PRESERVATION ON I-95	1	2000	250	50	1	125	1	4

ITEM NO.	1111201A	1111202A	1111203A	1111204A	1111205A	1111451A	1118012	1130000
	TEMPORARY DETECTION (SITE NO. 1)	TEMPORARY DETECTION (SITE NO. 2)	TEMPORARY DETECTION (SITE NO. 3)	TEMPORARY DETECTION (SITE NO. 4)	TEMPORARY DETECTION (SITE NO. 5)	LOOP DETECTOR SAW CUT	REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT	HIGH MOUNTED INTERNALLY ILLUMINATED FLASHING ARROW
DESCRITPION	L.S.	L.S.	L.S.	L.S.	L.S.	L.F.	L.S.	DAY
PAVEMENT PRESERVATION ON I-95	1	1	1	1	1	1300	1	400

ITEM NO.	1131002A	1206013	1208906	1208928	1209124	1209126	1209128	1209131
	REMOTE CONTROL CHANGEABLE MESSAGE SIGN	REMOVAL OF EXISTING SIGNING	SIGN FACE SHEET ALUMINUM BRIGHT WIDE ANGLE RETRO-REFLECTIVE SHEETING	SIGN FACE SHEET ALUMINUM TYPE III REFLECTIVE SHEETING	HOT-APPLIED PAINTED PAVEMENT MARKINGS - 4" WHITE	HOT-APPLIED PAINTED PAVEMENT MARKINGS - 6" WHITE	HOT-APPLIED PAINTED PAVEMENT MARKINGS - 8" WHITE	HOT-APPLIED PAINTED LEGEND, ARROW, AND MARKINGS
DESCRITPION	DAY	L.S.	S.F.	S.F.	L.F.	L.F.	L.F.	L.F.
PAVEMENT PRESERVATION ON I-95	400	1	9	21	159300	50100	24600	3450

ITEM NO.	1210101A	1210102A	1210103A	1210104A	1210105A	1210106A	1211001
	4" WHITE EPOXY RESIN PAVEMENT MARKINGS	4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	6" WHITE EPOXY RESIN PAVEMENT MARKINGS	8" WHITE EPOXY RESIN PAVEMENT MARKINGS	EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS & LEGENDS	12" WHITE EPOXY RESIN PAVEMENT MARKINGS	REMOVAL OF PAVEMENT MARKINGS
DESCRITPION	L.F.	L.F.	L.F.	L.F.	S.F.	L.F.	S.F.
PAVEMENT PRESERVATION ON I-95	53100	53100	16700	8200	1150	1800	8700

ITEM NO.	1212001	1212002	1212003	1214002	1214003	1220013A	1806200	
	TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 4" YELLOW	TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 4" WHITE	TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 6" WHITE	6" PREFORMED BLACK LINE MASK PAVEMENT MARKING TAPE	8" PREFORMED BLACK LINE MASK PAVEMENT MARKING TAPE	CONSTRUCTION SIGNS - BRIGHT FLUORESCENT SHEETING	TYPE D PORTABLE IMPACT ATTENUATION SYSTEM	
DESCRITPION	L.F.	L.F.	L.F.	L.F.	L.F.	S.F.	HR.	
PAVEMENT PRESERVATION ON I-95	19645	19645	16700	16700	24600	800	3160	

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DIVISION OF TRAFFIC ENGINEERING CADD

TRAFFIC DESIGN: M. CHACHAKIS
ELECTRICAL DESIGN: M. BARLOW
DRAFTED: M. CHACHAKIS
SCALE - NONE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

SIGNATURE/BLOCK: **OFFICE OF ENGINEERING**
SUBMITTED BY:
APPROVED BY: DATE:

PROJECT TITLE: **PAVEMENT PRESERVATION ON I-95**

TOWN: **NEW LONDON GROTON AND WATERFORD**

DRAWING TITLE: **DETAILED ESTIMATE SHEET**

PROJECT NO. **94-255**
DRAWING NO. **G-03**
SHEET NO. **01.03**

Filename: \\sh3dgs18\CTDOT_projects\094_0255_2007\Traffic\TR_MSH_EST_094_255.dgn
Plotted: 11/13/2014