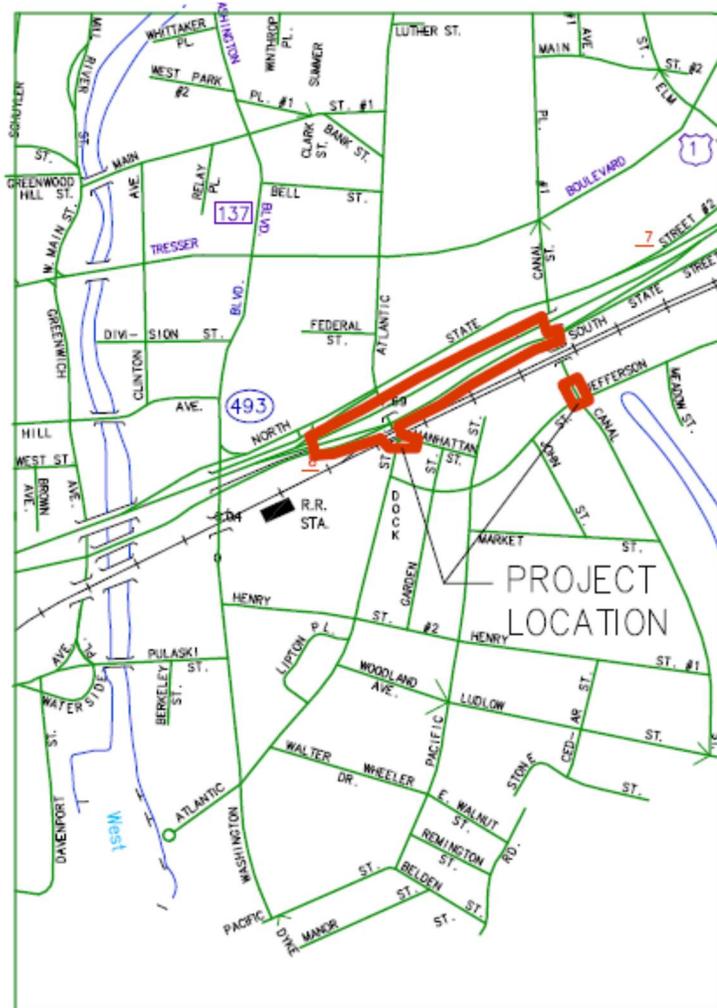


June 2015

General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities

State Project No. 135-326 Replacement of MNR Bridge Over Atlantic Street – Phase 1 I-95 NB Exit 8 Ramp Bridge



Stamford, CT

Prepared for:
Connecticut Department of Transportation

Prepared by:
AECOM



**Connecticut Department of
Energy & Environmental Protection**

CPPU USE ONLY

App #: _____

Doc #: _____

Check #: _____

Permit Application Transmittal Form

Please complete this transmittal form in accordance with the instructions in order to ensure the proper handling of your application(s) and the associated fee(s). Print legibly or type.

Part I: Applicant Information:

- **If an applicant is a corporation, limited liability company, limited partnership, limited liability partnership, or a statutory trust, it must be registered with the Secretary of State. If applicable, applicant's name shall be stated **exactly** as it is registered with the Secretary of State.*
- *If an applicant is an individual, provide the legal name (include suffix) in the following format: First Name; Middle Initial; Last Name; Suffix (Jr, Sr., II, III, etc.).*

Applicant: State of Connecticut Department of Transportation, District 3			
Mailing Address: 140 Pond Lilly Ave			
City/Town: New Haven	State: CT	Zip Code: 06525	
Business Phone: 203-389-3100	ext.:		
Contact Person: Mark Rolfe	Phone: 860-253-6350 ext.		
E-Mail: Mark.Rolfe@ct.gov			
Applicant (check one): <input type="checkbox"/> individual <input type="checkbox"/> *business entity <input type="checkbox"/> federal agency <input checked="" type="checkbox"/> state agency <input type="checkbox"/> municipality <input type="checkbox"/> tribal			
*If a business entity, list type (e.g., corporation, limited partnership, etc.):			
<input type="checkbox"/> Check if any co-applicants. If so, attach additional sheet(s) with the required information as supplied above.			
Please provide the following information to be used for <i>billing purposes only</i> , if different:			
Company/Individual Name:			
Mailing Address:			
City/Town:	State:	Zip Code:	
Contact Person:	Phone:	ext.	

Part II: Project Information

Brief Description of Project: <i>(Example: Development of a 50 slip marina on Long Island Sound)</i>					
Metro-North bridge replacement over Atlantic Avenue and improvements to existing roadways					
Location (City/Town): Stamford, CT					
Other Project Related Permits (<i>not</i> included with this form):					
Permit Description	Issuing Authority	Submittal Date	Issuance Date	Denial Date	Permit #

Part III: Individual Permit Application and Fee Information

New, Mod. or Renew	Individual Permit Applications	Initial Fees	No. of Permits Applied For	Total Initial Fees	Original + Required Copies
	AIR EMISSIONS				
	New Source Review <input type="checkbox"/> Revision <input type="checkbox"/> minor mod	\$940.00			1 + 0
	Title V Operating Permits <input type="checkbox"/> Revision <input type="checkbox"/> minor mod <input type="checkbox"/> non-minor mod	none			1 + 0
	Title IV	none			1 + 0
	Clean Air Interstate Rule (CAIR)	none			1 + 0
	WATER DISCHARGES				
	To Groundwater	\$1300.00			1 + 1
	To Sanitary Sewer (POTW)	\$1300.00			1 + 1
	To Surface Water (NPDES)	\$1300.00			1 + 1
	INLAND WATER RESOURCES-				
	Dam Safety	none			1 + 2
	Flood Management Certification	none			1 + 1
	Inland Wetlands and Watercourses	none			1 + 5
	Inland 401 Water Quality Certification	none			
	FERC- Hydropower Projects- 401 Water Quality Certification	none			1 + 1
	Water Diversion	★			1 + 5
	OFFICE OF LONG ISLAND SOUND PROGRAMS				
	Certificate of Permission	\$375.00			1 + 2
	Coastal 401 Water Quality Certification	none			1 + 2
	Structures and Dredging/and Fill/Tidal Wetlands	\$660.00			1 + 2
	WASTE MANAGEMENT				
	Aerial Pesticide Application	★			1 + 2
	Aquatic Pesticide Application	\$200.00			1 + 0
	CGS Section 22a-454 Waste Facilities	★			1 + 1
	Disruption of a Solid Waste Disposal Area	\$0			1 + 1
	Hazardous Waste Treatment, Storage and Disposal Facilities	★			1 + 1
	Marine Terminal License	\$100.00			1 + 0
	Stewardship	\$4000.00			1 + 1
	Solid Waste Facilities	★			1 + 1
	Waste Transportation	★			1 + 0
		Subtotal ➡			
GENERAL PERMITS and AUTHORIZATIONS		Subtotals Page 3 & 4 ➡	1	\$3000	
Enter subtotals from Part IV, pages 3 - 6 of this form		Subtotals Page 5 ➡			
		Subtotals Page 6 ➡			
		TOTAL ➡	1	\$3000	
<input type="checkbox"/> Indicate whether municipal discount or state waiver applies.		➡			
Less Applicable Discount					
		AMOUNT REMITTED ➡		\$3000	
Check # ➡	<input type="text"/>	Check or money order should be made payable to: "Department of Energy and Environmental Protection"			

★ See fee schedule on individual application.

**Part IV: General Permit Registrations and Requests for Other Authorizations
Application and Fee Information**

<input checked="" type="checkbox"/> General Permits and Other Authorizations	Initial Fees	No. of Permits Applied For	Total Initial Fees	Original + Required Copies
AIR EMISSIONS				
<input type="checkbox"/> Limit Potential to Emit from Major Stationary Sources of Air Pollution	\$2760.00			1 + 0
<input type="checkbox"/> Diagnostic and Therapeutic X-Ray Devices (Medical X-Ray) Registration	\$190.00/Xray device			1 + 0
<input type="checkbox"/> Radioactive Materials and Industrial Device Registration (Ionizing Radiation)	\$200.00			1 + 0
<input type="checkbox"/> Emergency/Temporary Authorization	★★			★★
<input type="checkbox"/> License Revocation Request	\$0			★★
<input type="checkbox"/> Other, (please specify):				
WATER DISCHARGES				
<input type="checkbox"/> Boiler Blowdown Wastewater	Expired- wastewater discharge authorized under MISC GP			
<input type="checkbox"/> Categorical Industry User to a POTW Discharges > 10,000 gpd Discharges < 10,000 gpd	\$6250.00 \$3125.00			1 + 0
<input type="checkbox"/> Domestic Sewage	\$625.00			1 + 0
<input type="checkbox"/> Food Preparation Establishment Wastewater	No Registration			
<input type="checkbox"/> Food Processing Wastewater	\$500.00			1 + 0
<input type="checkbox"/> Groundwater Remediation Wastewater to a Sanitary Sewer	\$500.00			1 + 0
<input type="checkbox"/> Groundwater Remediation Wastewater to a Surface Water Registration Only	\$625.00			1 + 0
<input type="checkbox"/> Approval of Registration by DEEP	\$1250.00			
<input type="checkbox"/> Hydrostatic Pressure Testing Wastewater Registration Only	\$625.00			1 + 0
<input type="checkbox"/> Approval of Registration by DEEP (natural gas pipelines)	\$1250.00			
<input type="checkbox"/> Miscellaneous Discharges of Sewer Compatible Wastewater Registration Only	\$500.00			1 + 0
<input type="checkbox"/> Approval of Registration by DEEP	\$1000.00			
<input type="checkbox"/> Nitrogen Discharges	No Registration			
<input type="checkbox"/> Non-Contact Cooling and Heat Pump Water (Minor)	\$625.00			1 + 0
<input type="checkbox"/> Photographic Processing Wastewater (Minor)	Expired- wastewater discharge authorized under MISC GP			
<input type="checkbox"/> Point Source Discharges from Application of Pesticides	\$200.00			1 + 0
<input type="checkbox"/> Printing & Publishing Wastewater (Minor) Flow < 40 gpd	\$500.00 \$100.00			1 + 0
<input type="checkbox"/> Stormwater Associated with Commercial Activities	\$300.00			1 + 0
<input type="checkbox"/> Stormwater Associated with Industrial Activities <50 employees—see general permit for additional requirements >50 employees—see general permit for additional requirements	\$500.00 \$1000.00			1 + 0
<input checked="" type="checkbox"/> Stormwater & Dewatering Wastewaters-Construction Activities	★	1	\$3000	1 + 0
<input type="checkbox"/> Stormwater from Small Municipal Separate Storm Sewer Systems (MS4)	\$250.00			1 + 0

★ See fee schedule on registration/application.

★★ Contact the specific permit program for this information.
(Contact numbers are provided in the instructions)

Part IV: General Permit Registrations and Requests for Other Authorizations (continued)

WATER DISCHARGES (continued)				
<input type="checkbox"/> Subsurface Sewage Disposal Systems Serving Existing Facilities	★ ★			1 + 0
<input type="checkbox"/> Swimming Pool Wastewater - Public Pools and Contractors	\$500.00			1 + 0
<input type="checkbox"/> Tumbling or Cleaning of Parts Wastewater (Minor)	Expired- wastewater discharge authorized under MISC GP			
Vehicle Maintenance Wastewater				
<input type="checkbox"/> Registration Only	\$625.00			1 + 0
<input type="checkbox"/> Approval of Registration by DEEP	\$1250.00			
<input type="checkbox"/> Water Treatment Wastewater	\$625.00			1 + 0
<input type="checkbox"/> Emergency/Temporary Authorization - Discharge to POTW	\$1500.00			1 + 0
<input type="checkbox"/> Emergency/Temporary Authorization - Discharge to Surface Water	\$1500.00			1 + 0
<input type="checkbox"/> Emergency/Temporary Authorization - Discharge to Groundwater	\$1500.00			1 + 0
<input type="checkbox"/> Other. (please specify):				
Note: Carry subtotals over to Part III, page 2 of this form.		Subtotal →	1	\$3000

★ See fee schedule on registration/application.

★★ Contact the specific permit program for this information.
(Contact numbers are provided in the instructions)

Part IV: General Permit Registrations and Requests for Other Authorizations (continued)

<input checked="" type="checkbox"/> General Permits and Other Authorizations	Initial Fees	No. of Permits Applied For	Total Initial Fee	Original + Required Copies
AQUIFER PROTECTION PROGRAM				
<input type="checkbox"/> Registration for Regulated Activities	\$625.00			1 + 0
<input type="checkbox"/> Permit Application to Add a Regulated Activity	\$1250.00			1 + 0
<input type="checkbox"/> Exemption Application from Registration	\$1250.00			1 + 0
INLAND WATER RESOURCES				
<input type="checkbox"/> Diversion of Remediation Groundwater	No Registration			
<input type="checkbox"/> Diversion of Water for Consumptive Use: Reauthorization Categories	\$1000.00			1 + 2
<input type="checkbox"/> Diversion of Water for Consumptive Use: Authorization Required	\$2500.00			1 + 4
<input type="checkbox"/> Diversion of Water for Consumptive Use: Filing Only	\$1500.00			1 + 4
<input type="checkbox"/> Programmatic General Permit	★			1 + 3
<input type="checkbox"/> Water Resource Construction Activities	★			1 + 0
<input type="checkbox"/> Emergency/Temporary Authorization	★★			★★
<input type="checkbox"/> Notice of High Hazard Dam or a Significant Hazard Dam	\$0			1 + 0
<input type="checkbox"/> Other, (please specify):				
OFFICE OF LONG ISLAND SOUND PROGRAMS				
<input type="checkbox"/> 4/40 Docks	\$700.00			1 + 1
<input type="checkbox"/> Beach Grading	\$100.00			1 + 1
<input type="checkbox"/> Buoys or Markers	No Registration			
<input type="checkbox"/> Coastal Remedial Activities Required by Order	\$700.00			1 + 1
<input type="checkbox"/> Dock Reconstruction	\$300.00			1 + 1
<input type="checkbox"/> Harbor Moorings	No Registration			
<input type="checkbox"/> Maintenance of Catch Basins and Tide Gates	No Registration			
<input type="checkbox"/> Marina and Mooring Field Reconfiguration	\$700.00			1 + 1
<input type="checkbox"/> Minor Seawall Repair	No Registration			
<input type="checkbox"/> Non-harbor Moorings	\$100.00			1 + 1
<input type="checkbox"/> Osprey Platforms and Perch Poles	none			1 + 1
<input type="checkbox"/> Pump-out Facilities (no fee for Clean Vessel Act grant recipients)	\$100.00			1 + 1
<input type="checkbox"/> Programmatic General Permit	★			1 + 1
<input type="checkbox"/> Removal of Derelict Structures	\$100.00			1 + 1
<input type="checkbox"/> Residential Flood Hazard Mitigation	\$100.00			1 + 1
<input type="checkbox"/> Swim Floats	\$100.00			1 + 1
<input type="checkbox"/> Emergency/Temporary Authorization	★★			★★
<input type="checkbox"/> Other, (please specify):				
Note: Carry subtotals over to Part III, page 2 of this form.		Subtotal →		

★ See fee schedule on registration/application.

★★ Contact the specific permit program for this information.
(Contact numbers are provided in the instructions)

Part IV: General Permit Registrations and Requests for Other Authorizations (continued)

<input checked="" type="checkbox"/> General Permits and Other Authorizations	Initial Fees	No. of Permits Applied For	Total Initial Fee	Original + Required Copies
WASTE MANAGEMENT				
<input type="checkbox"/> Addition of Grass Clippings at Registered Leaf Composting Facilities	\$500.00			1 + 0
<input type="checkbox"/> Beneficial Use Determination	★			1 + 0
Certain Recycling Facilities:				
<input type="checkbox"/> Drop-site Recycling Facility	\$200.00			1 + 0
<input type="checkbox"/> Limited Processing Recycling Facility	\$500.00			1 + 0
<input type="checkbox"/> Recyclables Transfer Facility	\$500.00			1 + 0
<input type="checkbox"/> Single Item Recycling Facility	\$500.00			1 + 0
<input type="checkbox"/> Collection and Storage of Post Consumer Paint	\$0			1 + 0
Contaminated Soil and/or Staging Management (Staging/Transfer)				
<input type="checkbox"/> New Registrations	\$250.00			1 + 0
<input type="checkbox"/> New Approval of Registrations	\$1500.00			1 + 0
<input type="checkbox"/> Renewal of Registrations	\$250.00			1 + 0
<input type="checkbox"/> Renewal of Approval of Registrations	\$750.00			1 + 0
<input type="checkbox"/> Connecticut Solid Waste Demonstration Project	\$1000.00			1 + 0
<input type="checkbox"/> Disassembling Used Electronics	\$2000.00			1 + 0
<input type="checkbox"/> Leaf Composting Facility	none			1 + 1
<input type="checkbox"/> Municipal Transfer Station	\$800.00			1 + 1
<input type="checkbox"/> One Day Collection of Certain Wastes and Household Hazardous Waste	\$1000.00			1 + 0
<input type="checkbox"/> Sheet leaf Composting Notification	\$0			★★
Special Waste Authorization				
<input type="checkbox"/> Landfill or RRF Disposal	\$660.00			1 + 0
<input type="checkbox"/> Asbestos Disposal	\$300.00			
<input type="checkbox"/> homeowner	\$0			
<input type="checkbox"/> Storage and Processing of Asphalt Roofing Shingle Waste	\$2500.00			1 + 0
<input type="checkbox"/> Storage and Processing of Scrap Tires for Beneficial Use	\$1250.00			1 + 0
<input type="checkbox"/> Emergency/Temporary Authorization	★★			★★
<input type="checkbox"/> Other, (please specify):				
REMEDIATION				
<input type="checkbox"/> In Situ Groundwater Remediation: Enhance Aerobic Biodegradation	★			1 + 2
<input type="checkbox"/> In Situ Groundwater Remediation: Chemical Oxidation	\$500.00			1 + 0
<input type="checkbox"/> Emergency/Temporary Authorization	★			★★
Note: Carry subtotals over to Part III, page 2 of this form.		Subtotal →		

★ See fee schedule on registration/application.

★★ Contact the specific permit program for this information.

(Contact numbers are provided in the instructions)

Affirmative Action, Equal Employment Opportunity and Americans with Disabilities

The Connecticut Department of Energy and Environmental Protection is an Affirmative Action/Equal Opportunity Employer that is committed to complying with the requirements of the Americans with Disabilities Act (ADA). Please contact us at (860) 418-5910 or deep.accommodations@ct.gov if you: have a disability and need a communication aid or service; have limited proficiency in English and may need information in another language; or if you wish to file an ADA or Title VI discrimination complaint.

June 2015

General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities

**State Project No. 135-326
Replacement of MNRR Bridge
Over Atlantic Street – Phase 1
I-95 NB Exit 8 Ramp Bridge**



Stamford, CT

Prepared for:
Connecticut Department of Transportation

Prepared by:
AECOM

TABLE OF CONTENTS

- Registration Form
- Attachment A – USGS Project Location Map
- Attachment B – Coastal Consistency Review Form
- Attachment C – Threatened and Endangered Species Form
- Attachment E – Stormwater Pollution Control Plan



General Permit Registration Form for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities, effective 10/1/13 (non-electronic form)

Prior to completing this form, you **must** read the instructions for the subject general permit available at [DEEP-WPED-INST-015](#).
 This form must be filled out electronically before being printed.
 You must submit the registration fee along with this form.

The [status of your registration](#) can be checked on the DEEP's ezFile Portal. Please note that DEEP will no longer mail certificates of registration.

CPPU USE ONLY	
App #:	_____
Doc #:	_____
Check #:	_____
Program: Stormwater	

Part I: Registration Type

Select the appropriate boxes identifying the registration type and registration deadline.

Registration Type		Registration Timeline	
<input checked="" type="checkbox"/>	New Registration (Refer to Section 2 of the permit for definitions of Locally Exempt and Locally Approvable Projects)	<input type="checkbox"/> Locally Approvable Projects Size of soil disturbance:	New registration - Sixty (60) days prior to the initiation of the construction activity for: Sites with a total soil disturbance area of 5 or more acres
		<input checked="" type="checkbox"/> Locally Exempt Projects Size of soil disturbance: 3.5	<input checked="" type="checkbox"/> New registration - Sixty (60) days prior to the initiation of the construction activity for: Sites with a total disturbance area of one (1) to twenty (20) acres except those with discharges to impaired waters or tidal wetlands
			<input type="checkbox"/> New registration - Ninety (90) days prior to the initiation of the construction activity for: (i) Sites with a total soil disturbance area greater than twenty (20) acres, or (ii) Sites discharging to a tidal wetland (that is not fresh-tidal and is located within 500 feet), or (iii) Sites discharging to an impaired water listed in the "Impaired Waters Table for Construction Stormwater Discharges"

Part II: Fee Information

1. New Registrations

a. Locally approvable projects (registration only):

\$625 [#1855]

b. Locally exempt projects (registration and Plan):

\$3,000 total soil disturbance area \geq one (1) and $<$ twenty (20) acres. [#1856]

\$4,000 total soil disturbance \geq twenty (20) acres and $<$ fifty (50) acres. [#1857]

\$5,000 total soil disturbance \geq fifty (50) acres. [#1858]

The fees for municipalities shall be half of those indicated in subsections 1.a., 1.b., and 2 above pursuant to section 22a-6(b) of the Connecticut General Statutes. State and Federal agencies shall pay the full fees specified in this subsection. The registration will not be processed without the fee. The fee shall be non-refundable and shall be paid by certified check or money order payable to the Department of Energy and Environmental Protection.

Part III: Registrant Information

- If a registrant is a corporation, limited liability company, limited partnership, limited liability partnership, or a statutory trust, it must be registered with the Secretary of the State. If applicable, the registrant's name shall be stated **exactly** as it is registered with the Secretary of the State. This information can be accessed at [CONCORD](#).
- If a registrant is an individual, provide the legal name (include suffix) in the following format: First Name; Middle Initial; Last Name; Suffix (Jr, Sr., II, III, etc.).

1. Registrant /Client Name: State of Connecticut Department of Transportation, District 3

Registrant Type ↓

Secretary of the State business ID #: [REDACTED]

Mailing Address: 140 Pond Lilly Ave

City/Town: New Haven

State: CT

Zip Code: 06525

Business Phone: 203-389-3100

ext.:

Example:(xxx) xxx-xxxx

Contact Person: Mark Rolfe, PE

Title: District Eng

E-Mail: **Mark.Rolfe@ct.gov**

Additional Phone Number (if applicable):

ext.

2. List billing contact, if different than the registrant:

Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Contact Person:

Title:

Part III: Registrant Information (continued)

3. List primary contact for departmental correspondence and inquiries, if different than the registrant:

Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Site Phone:

Emergency Phone:

Contact Person:

Title:

Association (e.g. developer, general or site contractor, etc.):

4. List owner of the property on which the activity will take place, if different from registrant:

Name: City of Stamford

Mailing Address: 888 Washington Blvd.

City/Town: Stamford

State: CT

Zip Code: 06901

Business Phone:

ext.:

Contact Person:

5. List developer, if different from registrant or primary contact:

Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Contact Person:

Title:

6. List general contractor, if different from registrant or primary contact:

Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Site Phone:

Off Hours Phone:

Contact Person:

Title:

7. List any engineer(s) or other consultant(s) employed or retained to assist in preparing the registration and/or Stormwater Pollution Control Plan. Please select if additional sheets are necessary, and label and attach them to this sheet.

Name: AECOM

Mailing Address: 500 Enterprise Drive, Suite 3B

City/Town: Rocky Hill

State: CT

Zip Code: 06067

Business Phone: 860-529-8882

ext.: 6782

Contact Person: Fraser Walsh

Title: Sr. Eng.

Service Provided: **Prepare Application and SWPCP**

Email:

8. List Reviewing Qualified Professional (for locally approvable projects only). This information must match the information provided in Part IX of this registration.

Name:

Contact Person:

Mailing Address:

Email:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Part IV: Site Information

1. Site Name: State Project No. 135-326

Street Address or Description of Location: MNR Bridge at Atlantic Street and South State Street to Canal St
(if linear, project location should be the project beginning point)

City/Town: Stamford

State: CT

Zip Code: 06901

(use only one zip code)

Longitude: -7 3.5 3 9 5 3 Latitude: 4 1.0 4 7 4 4

Brief Description of construction activity: MNR Bridge Replacement and Road Construction

Project Start Date (must be on or after the authorization date of this registration) : Spring / 2016

Anticipated Completion Date: Summer / 2018

month/ yr

(month/ yr)

Normal working hours: 7:30 to 4:00

2. MINING: Is the activity on the site in question part of mining operations (i.e. sand and gravel)? Yes No

If yes, mining is not authorized by this general permit. You must submit the Registration Form for the General Permit for the Discharge of Stormwater Associated with Industrial Activity.

3. COMBINED OR SANITARY SEWER: Does all of the stormwater from the proposed activity discharge to a combined or sanitary sewer (i.e. a sewage treatment plant)? Yes No

If yes, this activity is not regulated by this permit. Contact the Water Permitting & Enforcement Division at 860-424-3018.

4. INDIAN LANDS: Is or will the facility be located on federally recognized Indian lands Yes No

5. COASTAL BOUNDARY: Is the activity which is the subject of this registration located within the coastal boundary as delineated on DEEP approved coastal boundary maps Yes No

The coastal boundaries fall within the following towns: Branford, Bridgeport, Chester, Clinton, Darien, Deep River, East Haven, East Lyme, Essex, Fairfield, Greenwich, Groton (City and Town), Old Lyme, Guilford, Hamden, Ledyard, Lyme, Madison, Milford, Montville, New London, New Haven, North Haven, Norwalk, Norwich, Old Saybrook, Orange, Preston, Shelton, Stamford, Stonington (Borough and Town), Stratford, Waterford, West Haven, Westbrook and Westport.

If "yes", and this registration is for a new authorization or a modification of an existing authorization where the physical footprint of the subject activity is modified, you must provide documentation the DEEP Office of Long Island Sound Programs or the local governing authority has issued a coastal site plan approval or determined the project is exempt from coastal site plan review. Provide this documentation with your registration as Attachment B. See guidance in Appendix D of the general permit. Information on the coastal boundary is available at the local town hall or at www.cteco.uconn.edu/map_catalog.asp. Additional DEEP Maps and Publications are available by contacting DEEP staff at 860-424-3555.

Part IV: Site Information (continued)

6. ENDANGERED OR THREATENED SPECIES:

In order to be eligible to register for this General Permit, each registrant must perform a self-assessment, obtain a limited one-year determination, or obtain a safe-harbor determination regarding threatened and endangered species. This may include the need to develop and implement a mitigation plan. While each alternative has different limitations, the alternatives are not mutually exclusive; a registrant may register for this General Permit using more than one alternative. See Appendix A of the General Permit. Each registrant must complete this section AND Attachment C to this Registration form and a registrant who does not or cannot do so is not eligible to register under this General Permit.

Each registrant must perform a review of the Department's Natural Diversity Database maps to determine if the site of the construction activity is located within or in proximity (within ¼ mile) to a shaded area.

- a. Verify that I have completed Attachment C to this Registration Form. Yes
- b. Provide the date the NDDDB maps were reviewed: Dec 2014 Date of map should be **one** year or less than the submittal date of this application. Print a copy of the NDDDB map you viewed since it must be submitted with this registration as part of Attachment C.
- c. For a registrant using a limited one-year determination or safe harbor determination to register for this General Permit, provide the Department's Wildlife Division NDDDB identification number for any such determination: 201505902 (The number is on the determination issued by the Department's Wildlife Division).

For more information on threatened and endangered species requirements, refer to Appendix A and Section 3(b)(2) of this General Permit, visit the DEEP website at www.ct.gov/deep/nddbrequest or call the NDDDB at 860-424-3011.

7. WILD AND SCENIC RIVERS: Is the proposed project within the watershed of a designated Wild and Scenic River? (See Appendix H for guidance) Yes No

8. AQUIFER PROTECTION AREAS: Is the site located within a mapped aquifer protection area www.ct.gov/deep/aquiferprotection as defined in section 22a-354h of the CT General Statutes? (For additional guidance, please refer to Appendix C of the General Permit) Yes No

9. CT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL: Is the activity in accordance with CT Guidelines for Erosion and Sediment Control and local erosion & sediment control ordinances, where applicable? Yes No

10. HISTORIC AND/OR ARCHAEOLOGICAL RESOURCES:
Verify that the site of the proposed activity been reviewed (using the process outlined in Appendix G of this permit) for historic and/or archaeological resources: Yes

- a. The review indicates the proposed site does not have the potential for historic/ archaeological resources, OR Yes No
- b. The review indicated historic and/ or archaeological resource potential exists and the proposed activity is being or has been reviewed by the Offices of Culture and Tourism, OR Yes No
- c. The proposed activity has been reviewed and authorized under an Army Corps of Engineers Section 404 wetland permit. Yes No

11. CONSERVATION OR PRESERVATION RESTRICTION:
Is the property subject to a conservation or preservation restriction? Yes No

If Yes, proof of written notice of this registration to the holder of such restriction or a letter from the holder of such restriction verifying that this registration is in compliance with the terms of the restriction, must be submitted as Attachment D.

Part V: Stormwater Discharge Information

Table 1						
Outfall #	a) Type	b) Pipe Material	c) Pipe Size	d) Note: To find lat/long, go to: CT ECO . A decimal format is required here. Directions on how to use CT ECO to find lat./long. and conversions can be found in Part V, Section d of the DEEP-WPED-INST-015 .		e) What method was used to obtain your latitude/longitude information?
				Longitude	Latitude	
PO-1	pipe	concrete	36"	-7 3.5 3 5 7 0	4 1.0 4 9 5 7	CT ECO
PO-2	pipe	concrete	15"	-7 3.5 4 1 5 0	4 1.0 4 7 6 0	CT ECO
EX-1	pipe	concrete	24"	-7 3.5 3 5 9 1	4 1.0 4 9 5 8	CT ECO
EX-3	pipe	other	12"	-7 3.5 3 9 4 3	4 1.0 4 7 4 1	CT ECO
EX-4	other	not applicable	not applicable	-7 3.5 3 8 4 2	4 1.0 4 7 6 9	CT ECO

Table 2						
Outfall #	a) For temporary and permanent outfalls, provide a start date. For temporary discharges, also provide a date the discharge will cease.	b) For the drainage area associated with each outfall: Effective Impervious Area Before Construction	c) For the drainage area associated with each outfall: Effective Impervious Area After Construction	d) To what system or receiving water does your stormwater runoff discharge? either "storm sewer or wetlands" or "waterbody" (If you select "storm sewer or wetland" proceed to Part VI of the form. If you select "waterbody" proceed to next question)	e) For each outfall, does it discharge to any of the following towns: <i>Branford, Kent, Manchester, Meriden, North Branford, Norwalk, or Wilton?</i> (If no, proceed to Part VI of the form. If yes, proceed to next question.)	f) For each outfall, does it discharge to a "freshwater" or "salt water" ? (If you select "freshwater" proceed to Table 3. If you selected "salt water", proceed to Part VI of the form.)
PO-1	2016-mm/dd-mm/dd	73181 sq feet	53143 sq feet	storm sewer or wetland	<input type="checkbox"/> Yes <input type="checkbox"/> No	Select one:
PO-2	2017-mm/dd-mm/dd	sq feet	123710 sq feet	storm sewer or wetland	<input type="checkbox"/> Yes <input type="checkbox"/> No	Select one:
EX-2	2016-2017 mm/dd-mm/dd	94961 sq feet	sq feet	storm sewer or wetland	<input type="checkbox"/> Yes <input type="checkbox"/> No	Select one:
EX-3	2016-mm/dd-mm/dd	19166 sq feet	11761 sq feet	storm sewer or wetland	<input type="checkbox"/> Yes <input type="checkbox"/> No	Select one:
EX-4	2016-mm/dd-mm/dd	15246 sq feet	13504 sq feet	storm sewer or wetland	<input type="checkbox"/> Yes <input type="checkbox"/> No	Select one:
		202554 total sq feet	202118 total sq feet			

Part V: Stormwater Discharge Information (continued)

Table 3 Provide the following information about the receiving water(s)/wetland(s) that receive stormwater runoff from your site:			
Outfall #	a) What is your 305b ID # (water body ID #)? (Section 3.b, of the DEEP-WPED-INST-015 , explains how to find this information)	b) Is your receiving water identified as a impaired water in the " Impaired Waters Table for Construction Stormwater Discharges "? If yes, proceed to next question. If no, proceed to Part VI: Pollution Control Plan.	c) Has any Total Maximum Daily Load (TMDL) been approved for the impaired water?
█	█	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N
█	█	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N
█	█	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N
█	█	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N
█	█	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N

Part V: Stormwater Discharge Information (continued)

Impaired waters: If you answered “yes” to Table 3, question b., **verify** that the project's Pollution Control Plan (Plan) addresses the control measures below in Question 1 or 2, as appropriate.

1. If the impaired water does not have a TMDL, confirm compliance by selecting 1.a. or 1.b. below:

a. No more than 3 acres is disturbed at any time; Yes

OR

b. Stormwater runoff from a 2 yr, 24 rain event is **retained**. Yes

2. If the impaired water has a TMDL, confirm compliance by selecting 2.a. and 2.b. below and either question 2.c.1. or 2.c.2. below:

a. The Plan documents there is sufficient remaining Waste Load Allocations (WLA) in the TMDL for the proposed discharge, Yes

AND

b. Control measures shall be implemented to assure the WLA will not be exceeded, Yes

AND

c. 1. Stormwater discharges will be monitored for the indicator pollutant identified in the TMDL, Yes

OR

2. The Plan documents specific requirements for stormwater discharges specified in the TMDL. Yes

Part VI: Pollution Control Plan (select one of the following three categories)

I am registering a Locally Exempt project and submitting the required electronic Plan (in Adobe™ PDF or similar publically available format) pursuant to Section 3(c)(2)(E) of this permit. (If you do not have the capability to submit the Plan electronically please call 860-418-5982).

Plan is attached to this registration form

Plan is available at the following Internet Address (URL):

I am registering a Locally Approvable project and have chosen not to submit the Plan with this registration pursuant to Section 3(c)(1) of this permit.

I am registering a Locally Approvable project and have chosen to make my Plan electronically available pursuant to Section 4(c)(2)(N) of this permit.

Plan is attached to this registration form

Plan is available at the following Internet Address (URL):

Part VII: Registrant Certification

The registrant *and* the individual(s) responsible for actually preparing the registration must sign this part. A registration will be considered incomplete unless all required signatures are provided.

For New Registrants:

" I hereby certify that I am making this certification in connection with a registration under such general permit, [INSERT NAME OF REGISTRANT BELOW] submitted to the commissioner by Mark Rolfe, P.E., District Engineer, CTDOT District 3 for [INSERT ADDRESS OF PROJECT OR ACTIVITY BELOW] an activity located at I-95NB Exit Ramp 8, South State Street, Canal Street, Manhattan Street in Stamford, CT and that all terms and conditions of the general permit are being met for all discharges which have been initiated and such activity is eligible for authorization under such permit. I further certify that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit at the site. I certify that the registration filed pursuant to this general permit is on complete and accurate forms as prescribed by the commissioner without alteration of their text. I certify that I have personally examined and am familiar with the information that provides the basis for this certification, including but not limited to all information described in Section 3(b) (8)(A) of such general permit, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining such information, that the information upon which this certification is based is true, accurate and complete to the best of my knowledge and belief. I certify that I have made an affirmative determination in accordance with Section 3(b)(8)(B) of this general permit. I understand that the registration filed in connection with such general permit is submitted in accordance with and shall comply with the requirements of Section 22a-430b of Connecticut General Statutes. I also understand that knowingly making any false statement made in the submitted information and in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under Section 53a-157b of the Connecticut General Statutes and any other applicable law."

For Re-registrants:

" I hereby certify that I am making this certification in connection with a registration under the General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities, submitted to the commissioner [INSERT NAME OF REGISTRANT BELOW] by [] for an activity located at [INSERT ADDRESS OF PROJECT OR ACTIVITY BELOW] [] and that all terms and conditions of the general permit are being met for all discharges which have been initiated and such activity is eligible for authorization under such permit. I further certify that all designs and plans for such activity meet the current terms and conditions of the general permit in accordance with Section 5(b)(5)(C) of such general permit and that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit at the site. I certify that the registration filed pursuant to this general permit is on complete and accurate forms as prescribed by the commissioner without alteration of their text. I certify that I have personally examined and am familiar with the information that provides the basis for this certification, including but not limited to all information described in Section 3(b)(8)(A) of such general permit, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining such information, that the information upon which this certification is based is true, accurate and complete to the best of my knowledge and belief. I also understand that knowingly making any false statement made in the submitted information and in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under Section 53a-157b of the Connecticut General Statutes and any other applicable law."

Signature of Registrant (Must be an original signature, not a copy or fax)	Date
Mark Rolfe, P.E.	District Engineer, CTDOT District 3
Name of Registrant (print or type)	Title (if applicable)
Signature of Preparer (if different than above) (Must be an original signature, not a copy or fax)	Date
Fraser Walsh, for AECOM	Project Manager
Name of Preparer (print or type)	Title (if applicable)

Part VII: Registrant Certification

The registrant *and* the individual(s) responsible for actually preparing the registration must sign this part. A registration will be considered incomplete unless all required signatures are provided.

For New Registrants:

" I hereby certify that I am making this certification in connection with a registration under such general permit, [INSERT NAME OF REGISTRANT BELOW]

submitted to the commissioner by Mark Rolfe, P.E., District Engineer, CTDOT District 3 for [INSERT ADDRESS OF PROJECT OR ACTIVITY BELOW]

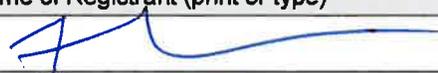
an activity located at I-95NB Exit Ramp 8, South State Street, Canal Street, Manhattan Street in Stamford, CT and that all terms and conditions of the general permit are being met for all discharges which have been initiated and such activity is eligible for authorization under such permit. I further certify that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit at the site. I certify that the registration filed pursuant to this general permit is on complete and accurate forms as prescribed by the commissioner without alteration of their text. I certify that I have personally examined and am familiar with the information that provides the basis for this certification, including but not limited to all information described in Section 3(b) (8)(A) of such general permit, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining such information, that the information upon which this certification is based is true, accurate and complete to the best of my knowledge and belief. I certify that I have made an affirmative determination in accordance with Section 3(b)(8)(B) of this general permit. I understand that the registration filed in connection with such general permit is submitted in accordance with and shall comply with the requirements of Section 22a-430b of Connecticut General Statutes. I also understand that knowingly making any false statement made in the submitted information and in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under Section 53a-157b of the Connecticut General Statutes and any other applicable law."

For Re-registrants:

" I hereby certify that I am making this certification in connection with a registration under the General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities, submitted to the commissioner [INSERT NAME OF REGISTRANT BELOW]

by [INSERT ADDRESS OF PROJECT OR ACTIVITY BELOW] for an activity located at

and that all terms and conditions of the general permit are being met for all discharges which have been initiated and such activity is eligible for authorization under such permit. I further certify that all designs and plans for such activity meet the current terms and conditions of the general permit in accordance with Section 5(b)(5)(C) of such general permit and that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit at the site. I certify that the registration filed pursuant to this general permit is on complete and accurate forms as prescribed by the commissioner without alteration of their text. I certify that I have personally examined and am familiar with the information that provides the basis for this certification, including but not limited to all information described in Section 3(b)(8)(A) of such general permit, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining such information, that the information upon which this certification is based is true, accurate and complete to the best of my knowledge and belief. I also understand that knowingly making any false statement made in the submitted information and in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under Section 53a-157b of the Connecticut General Statutes and any other applicable law."

Signature of Registrant (Must be an original signature, not a copy or fax)	Date
Mark Rolfe, P.E.	District Engineer, CTDOT District 3
Name of Registrant (print or type)	Title (if applicable)
	9.30.15
Signature of Preparer (if different than above) (Must be an original signature, not a copy or fax)	Date
Fraser Walsh, for AECOM	Project Manager
Name of Preparer (print or type)	Title (if applicable)

Part X: Supporting Documents

Select the applicable box below for each attachment being submitted with this registration form. When submitting any supporting documents, please label the documents as indicated below (e.g., Attachment A, etc.) and be sure to include the registrant's name as indicated on this certification form.

- Attachment A:** Select here as verification that an 8 ½" X 11" copy of the relevant portion of a USGS Quadrangle Map with a scale of 1:24,000, showing the exact location of the facility has been submitted with this registration. Indicate the quadrangle name on the map, and be sure to include the registrant's name. (To obtain a copy of the relevant USGS Quadrangle Map, call your town hall or DEEP Maps and Publications Sales at 860-424-3555)
- Attachment B:** Documentation related to *Coastal Consistency Review*, if applicable.
- Attachment C:** Threatened and Endangered Species Form and any additional information (such as a copy of a NDDB map)
- Attachment D:** Conservation or Preservation Restriction Information, if applicable.
- Attachment E:** Where applicable, non-electronic Pollution Control Plan.

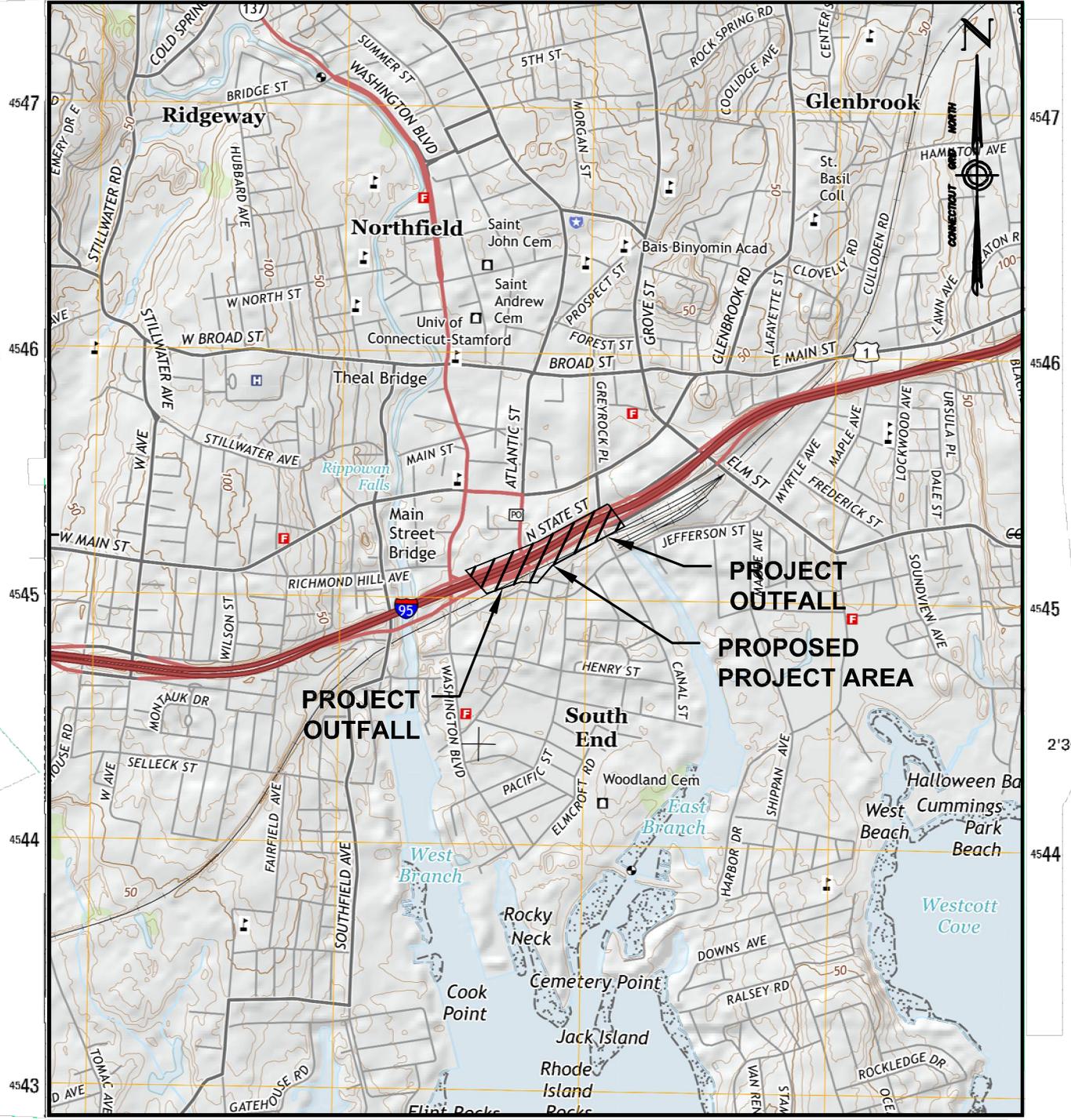
Note: Please submit the fee along with a completed, printed and signed Registration Form and all additional supporting documents to:

**CENTRAL PERMIT PROCESSING UNIT
DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
79 ELM STREET
HARTFORD, CT 06106-5127**

ATTACHMENT A

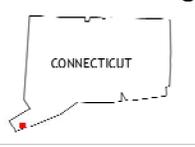
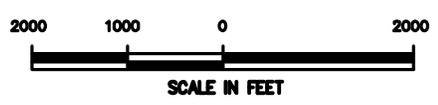
USGS PROJECT LOCATION MAP

621 622 623 624



4547 4546 4545 4544 4543

Stamford Quadrangle



ROAD CLASSIFICATION	
Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4WD
Interstate Route	US Route
	State Route

LOCATION MAP

REPLACEMENT OF MNR BRIDGE OVER ATLANTIC STREET



500 ENTERPRISE DRIVE, SUITE 3B
 ROCKY HILL, CT 08067
 1.860.529.8882

PROJECT NAME:	PHASE 1 I-95 NB EXIT 8 RAMP BRIDGE
PROJECT NUMBER:	135-326
FILE NAME:	
PROJECT LEADER:	FMW
DESIGNED BY:	
SHEET TITLE:	LOCATION MAP
PLOT DATE:	SEPTEMBER 2015
DRAWN BY:	JCJ
CHECKED BY:	DP
SHEET	1 OF 1

ATTACHMENT B

COASTAL CONSISTENCY REVIEW FORM



CONNECTICUT DEPARTMENT OF TRANSPORTATION

Office of Environmental Planning

Water and Natural Resources

COASTAL CONSISTENCY REVIEW FORM

This form must be completed when a state project falls within the coastal boundary as defined in subsection (b) of section 22a-94 of the Connecticut General Statutes. The following information is being provided to the Office of Environmental Planning (OEP) for review with consistency with the Coastal Goals and Policies defined in CGS section 22a-92.

State Project #: 135-326

Designer: AECOM (URS) – Jeffrey Keefe Phone: 860-990-6841

Project Description: Reconstruction / Relocation of I-95 Interchange 8 NB Off-Ramp and terminus; South State Street (SR 729) and associated utilities and drainage (Phase 1 of the MNRR Bridge Replacement over Atlantic Street).

Date of submittal: May, 2015

Anticipated Construction Start Date: Fall 2015

Town: Stamford

Required Attachments: Location map; project description; pertinent plan sheets (including E & S), and site photos.

Stormwater Treatment Concerns

- Does the project result in an increase in impervious surface? If so, how much (square feet) and what percentage increase over existing does that represent? *Yes. The Phase I project work yields an increase of 37,294 square feet which equates to a 36.83% increase over existing impervious area of 101,239 square feet. (Note after the entire project is constructed, Phase I and Phase II, an increase of 28.73% over existing is realized)*
- If drainage systems are being upgraded or modified, what Primary and Secondary Stormwater Treatment measures (as defined by the 2004 DEP Stormwater Quality Manual) have been incorporated into the design? *Due to the confined nature of the site consisting of paved surfaces bounded by retaining walls, elevated I-95 highway corridor and elevated railroad corridor there is no available area for primary treatments such as stormwater ponds, wetlands or swales. Other primary treatments used for infiltration are not feasible due to high ground water with the project in close proximity to Long Island Sound waters. Secondary treatments are proposed which include two hydrodynamic separators and deep sump (4 foot deep) catch basins for the systems not protected by the hydrodynamic separators. One hydrodynamic separator is located at the end of the drainage system proposed for the new ramp located at South State Street Station 517+20, 18' left. The second hydrodynamic separator treats the proposed South State Street system and is located at South State Street Station 520+50, 20' left. The proposed treatments are an improvement over the existing condition which does not provide any measures.*

- The ultimate outfall of any drainage on the project must be identified on the plans provided. Please provide a status on the stability of that outfall and if any improvements are required in conformance with the DOT Drainage Manual: *The project drainage enters existing stormwater systems owned and maintained by the City of Stamford located downstream from the project work, therefore no work or improvements are proposed at the outfall areas. Outfall #1 carries drainage west of Atlantic Street to an existing outfall to the Rippowam River approximately 1,200 feet west of the project. Outfall #2 carries project drainage from Atlantic Street and South State Street east to an existing 48-inch outfall to the East Branch of the Stamford Harbor through an existing bulkhead wall located south east of the project.*

Erosion & Sedimentation Control

- Does the project result in ground disturbance / erodible surface? If so, how much? (acres): *The project consists of the installation of walls, roadways and paved areas leaving no erodible soil areas with the completion of the Phase 1 project. With the project bounded by the elevated I-95 and railroad corridors all project runoff during and after construction will be captured by existing and or proposed catch basins. Erosion control measures will be provided at the inlets on project catch basin structures to capture construction sediments during construction. Hydrodynamic Separators and deep sumps are proposed for the post construction control.*
- What is the anticipated construction duration? *2 years*
- Have staging and storage, constructability, and access needs been incorporated into the plan and considered? *Yes, access for all Phase 1 construction is expected to be from areas on or adjacent to project roadways and within the project limits.*
- Are engineered measures for E & S necessary during construction? Describe how the project is in accordance with the 2002 CT E & S Guidelines: *Any construction sediment from the project will be prevented from entering discharge areas through sedimentation control inlet protection at the project catch basins. The total project disturbed area is less than 5 acres in size. E&S controls have been provided consistent with 2002 CT E&S Guidelines.*

THIS SECTION TO BE COMPLETED BY ENVIRONMENTAL PLANNING

It has been determined that:

- This project has been reviewed and found to be consistent with the Coastal Goals and Policies as defined in CGS section 22a-92.
- More information is required at this time to ensure consistency with coastal goals and policies. Please provide the information listed below.
- This project has been determined to not be in conformance with coastal goals or policies or may have an adverse impact on coastal resources. OEP has determined that a Coastal Consistency Review Form must be prepared and submitted to the Department of Energy and Environmental Protection (via OEP) for review and approval.

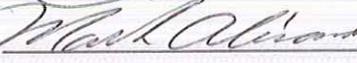
If the project design / scope of work changes, affecting water or natural resource impacts; the project must be resubmitted for review by Environmental Planning. All projects must be in conformance with Section 1.10 of the Form 816, Standard Specifications for Roads, Bridges and Incidental Construction. Any other Time of Year Restrictions, and permit special conditions for other programs must be adhered to at all times.

Required Information / Special Conditions / Notes:

Natural Diversity Database (NDDDB) and Drinking Water Resources

Do the project limits possibly contain State or Federally listed species? Yes No If yes, further coordination with OEP is required for this project.

Does the project contain public watershed, a well head protection area, and/or aquifer protection area (APA)? Yes No If yes, further coordination with OEP and possibly the Department of Public Health and Water Company will be required for this project.

Reviewed By:  Extension: 2938 Date: 7/2/15
Approved By:  Extension: 2931 Date: 7/7/15

ATTACHMENT C

THREATENED AND ENDANGERED SPECIES FORM

ATTACHMENT C: THREATENED AND ENDANGERED SPECIES

Information about compliance with the requirements of Section 3(b)(2) of this general permit, regarding threatened and endangered species, is in Appendix A of the general permit. Choose one or more (if applicable) of the following in order to be eligible to register for this General Permit. A registrant who does not or cannot do so is not eligible to register under this General Permit.

- Self Assessment using the NDDDB maps – Select this only if:
- a. The site of the construction activity is not entirely, partially or within a ¼ mile of a shaded area depicted on the Department’s Natural Diversity Database maps and this determination was made not more than six months before the date of submitting this registration;
- AND
- b. The entity registering for this General Permit has no reasonably available verifiable scientific, or other credible information that the construction activity could reasonably be expected to have an adverse impact upon a federal or state species listed as threatened or endangered.

Attach a copy of the NDDDB map used to conduct the self assessment used to register for this general permit.

Note: Both a and b as used in this section, must be true in order for a Registrant to register for this General Permit using the self-assessment option. If neither is true, a Registrant cannot use the self-assessment option to comply with Section 3(b)(2) and Appendix A of the General Permit.

- Limited One-Year Determination – Select this only if:
- a. The entity registering for this General Permit has obtained a limited one-year determination from the Department’s Wildlife Division regarding threatened and endangered species: i) within a year of the date of submitting this registration; or ii) more than 1 year before submitting this registration, but such determination has been extended by the Department within one year of the date of submitting this registration;
- AND
- b. The Registrant has provided to the Department’s Wildlife Division any reasonably available verifiable scientific, or other credible information that the construction activity could reasonably be expected to have an adverse impact upon a federal or state species listed as threatened or endangered.

Provide the date the limited one-year determination was issued by the Department’s Wildlife Division September 16, 2015 ;

or

Provide the date that the most recent extension to a limited one year determination was issued by the Department’s Wildlife Division _____.

Note: Both a and b as used in this section, must be true in order for a Registrant to register for this General Permit using the Limited One-Year Determination option. If a Limited One-Year Determination or extension to any such determination was issued by the Department’s Wildlife Division more than one year before the submission of this registration, a Registrant cannot use any such determination or extension to comply with Section 3(b)(2) and Appendix A of the General Permit.

ATTACHMENT C: THREATENED AND ENDANGERED SPECIES (continued)

- Select here if the Limited One-Year Determination issued by the Department includes a Mitigation Plan.**

Provide the date the Mitigation Plan was approved: _____

Governmental Entity Approving the Plan: _____

As of the date this Registration is submitted,

Has the Mitigation Plan been fully implemented? Yes No

Date commenced: _____ Date completed: _____

Is the Mitigation Plan partially implemented? Yes No

If yes, what actions have been taken? _____

And which actions are yet to be implemented and what is the timeframe for completion of such actions: _____

Is the Mitigation Plan yet to be implemented? Yes No

If yes, specify the timeframe for implementation: _____ to _____

And summarize actions to be implemented: _____

- Safe Harbor Determination - Select this only if:

- a. The entity registering for this General Permit has obtained a Safe Harbor Determination from the Department's Wildlife Division regarding threatened and endangered species: i) within 3 years of the date of submitting this registration; or ii) more than 3 years before submitting this registration, but within one-year of a one-year extension issued by the Department's Wildlife Division to a safe harbor determination;

AND

- b. The entity registering for this General Permit has provided to the Department's Wildlife Division any reasonably available verifiable scientific, or other credible information that the construction activity could reasonably be expected to have an adverse impact upon a federal or state species listed as threatened or endangered.

Provide the date the Department's Wildlife Division issued a Safe Harbor Determination: _____

If applicable, provide the date that any one-year extension to a Safe Harbor Determination was issued by the Department's Wildlife Division: _____.

Note: Both a and b as used in this section, must be true in order for a Registrant to register for this General Permit using the Safe Harbor Determination option. If a Safe Harbor Determination was issued by the Department's Wildlife Division more than three years before the submission of this registration, and has not been extended, a Registrant cannot use any such safe harbor to comply with section 3(b)(2) and Appendix A of this General Permit. If a Safe Harbor Determination was granted and extended for one-year, more than four years before the submission of this registration, a Registrant cannot use any such Safe Harbor Determination to comply with Section 3(b)(2) and Appendix A of the general permit.

ATTACHMENT C: THREATENED AND ENDANGERED SPECIES (continued)

Select here if the safe harbor noted above includes a Mitigation Plan.

Provide the date the Mitigation Plan was approved: _____

Governmental Entity Approving the Plan: _____

As of the date this Registration is submitted,

Has the Mitigation Plan been fully implemented? Yes No

Date commenced: _____ Date completed: _____

Is the Mitigation Plan partially implemented? Yes No

If yes, what actions have been taken? _____

And which actions are yet to be implemented and what is the timeframe for completion of such actions: _____

Is the Mitigation Plan yet to be implemented? Yes No

If yes, specify the timeframe for implementation: _____ to _____

And summarize actions to be implemented: _____



Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**

September 16, 2015

Christopher Samorajczyk
State Of Connecticut Department Of Transportation
2800 Berlin Turnpike
PO Box 317546
Newington, CT 06131
christopher.samorajczyk@ct.gov

Project: State Project 136-326, Reconstruction of I-95 NB Exit 8 Ramp Bridge and South State Street to Canal Street in Stamford
NDDB Determination No.: 201505902

Dear Christopher Samorajczyk,

I have reviewed Natural Diversity Data Base (NDDB) maps and files regarding the area delineated on the map provided for the proposed State Project 136-326, Reconstruction of I-95 NB Exit 8 Ramp Bridge and South State Street to Canal Street in Stamford, Connecticut. I do not anticipate negative impacts to State-listed species (RCSA Sec. 26-306) resulting from your proposed activity at the site based upon the information contained within the NDDB. The result of this review does not preclude the possibility that listed species may be encountered on site and that additional action may be necessary to remain in compliance with certain state permits. This determination is good for one year. Please re-submit an NDDB Request for Review if the scope of work changes or if work has not begun on this project by September 16, 2016.

Natural Diversity Data Base information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Natural History Survey and cooperating units of DEEP, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the Data Base should not be substitutes for on-site surveys required for environmental assessments. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as, enhance existing data. Such new information is incorporated into the Data Base as it becomes available.

Please contact me if you have further questions at (860) 424-3592, or dawn.mckay@ct.gov . Thank you for consulting the Natural Diversity Data Base.

Sincerely,

Dawn M. McKay
Environmental Analyst 3

Natural Diversity Data Base Areas

STAMFORD, CT

December 2014

 State and Federal Listed Species & Significant Natural Communities

 Town Boundary

NOTE: This map shows general locations of State and Federal Listed Species and Significant Natural Communities. Information on listed species is collected and compiled by the Natural Diversity Data Base (NDDB) from a number of data sources. Exact locations of species have been buffered to produce the general locations. Exact locations of species and communities occur somewhere in the shaded areas, not necessarily in the center. A new mapping format is being employed that more accurately models important riparian and aquatic areas and eliminates the need for the upstream/downstream searches required in previous versions.

This map is intended for use as a preliminary screening tool for conducting a Natural Diversity Data Base Review Request. To use the map, locate the project boundaries and any additional affected areas. If the project is within a shaded area there may be a potential conflict with a listed species. For more information, complete a Request for Natural Diversity Data Base State Listed Species Review form (DEP-APP-007), and submit it to the NDDB along with the required maps and information. More detailed instructions are provided with the request form on our website.

www.ct.gov/deep/nddbrequest

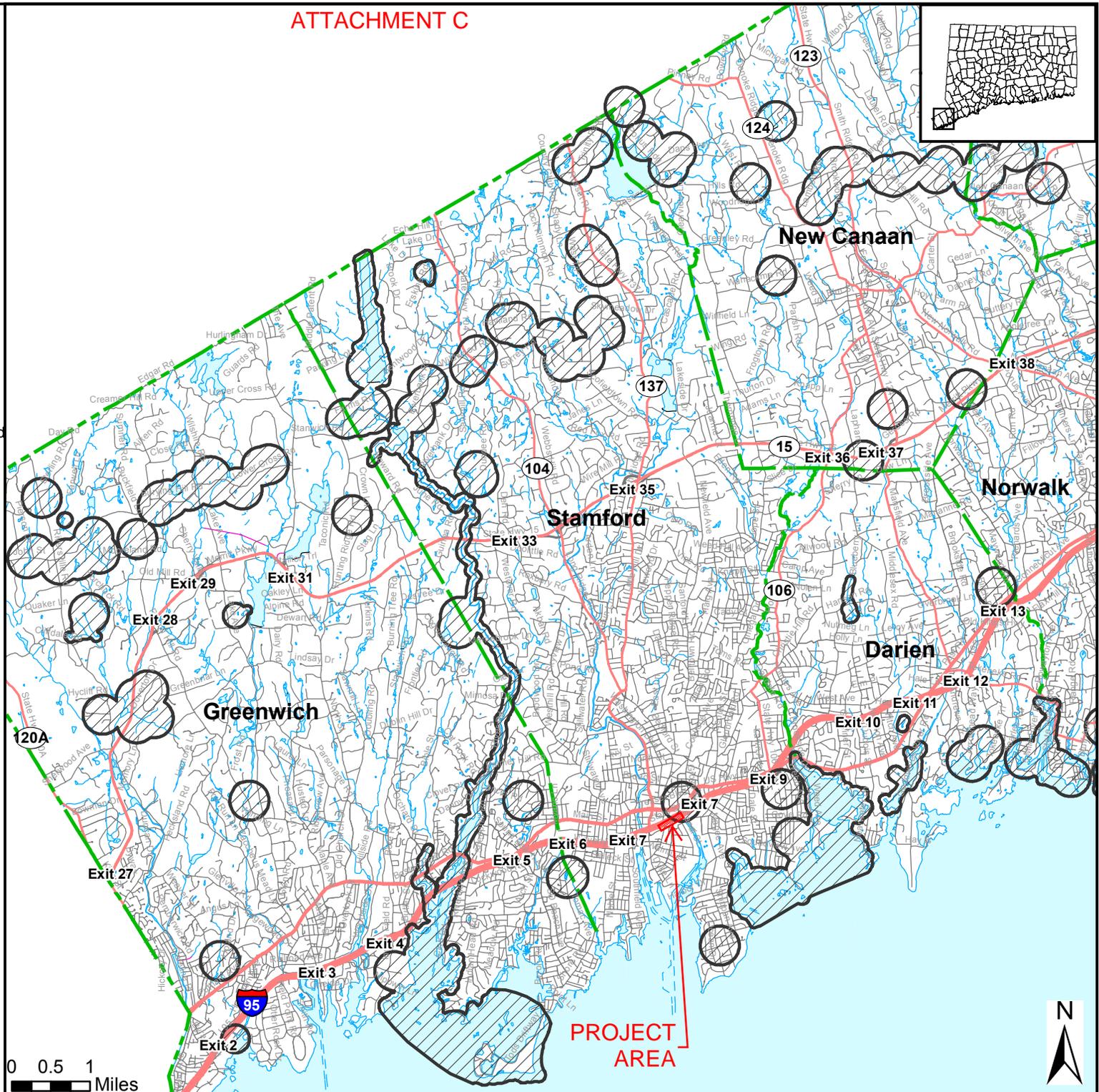
Use the CTECO Interactive Map Viewers at www.cteco.uconn.edu to more precisely search for and locate a site and to view aerial imagery with NDDB Areas.

QUESTIONS: Department of Energy and Environmental Protection (DEEP)
79 Elm St., Hartford CT 06106
Phone (860) 424-3011



Connecticut Department of Energy & Environmental Protection
Bureau of Natural Resources
Wildlife Division

0 0.5 1 Miles



ATTACHMENT E

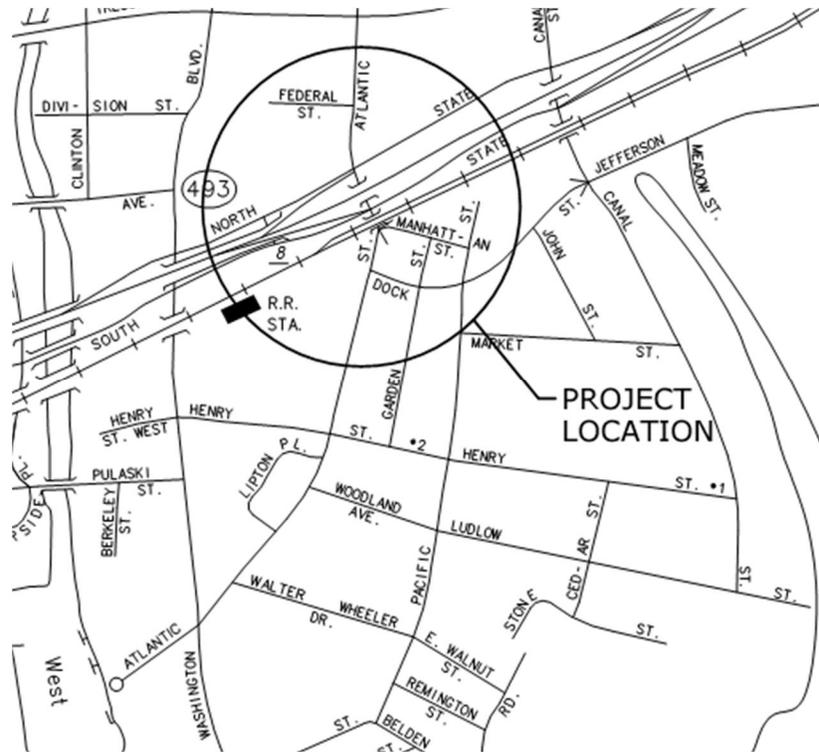
STORMWATER POLLUTION CONTROL PLAN

ATTACHMENT E

June 2015

Stormwater Pollution Control Plan

**State Project No. 135-326
Replacement of MNRR Bridge
Over Atlantic Street – Phase 1
I-95 NB Exit 8 Ramp Bridge**



Prepared for:
Connecticut Department of Transportation

Prepared by:
AECOM

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1. INTRODUCTION

This Stormwater Pollution Control Plan (SPCP) has been prepared on behalf of the Department of Transportation for the Phase 1 portion of the replacement of the Metro North Railroad (MNR) Bridge over Atlantic Street project. The Phase 1 work consists of roadway, bridge, retaining walls and utility work.

The Phase 1 project is proposed to improve traffic operations for this important traffic corridor in the City of Stamford. Existing traffic is currently restricted on Atlantic Street, an important north south route linking the Stamford Train Station located immediately west of the bridge, Central Business District (CBD) to the north, south end development, the Stamford Urban Transitway roadway and I-95 corridors. Due to the existing substandard vertical clearance and narrow width of the existing structure, a traffic "pinch point" exists that severely restricts current traffic operations and results in extremely poor traffic operations. Given the continued expansion of the south end area, it can be expected traffic operations will continue to deteriorate for future traffic without the proposed improvements. A widened structure with improved vertical clearance will improve traffic operations for existing and future conditions.

This Stormwater Pollution Control Plan is for Phase 1 Improvements which includes roadway improvements to South State Street, the I-95 NB Exit 8 Ramp with approximately 2400 linear feet of retaining walls (Walls 101, 102, 103, 104) along South State Street and the ramp and new retaining Wall 107 adjacent Manhattan Street to accommodate the grade differences to the railroad and I-95 corridors. A proposed utility corridor consisting of three 42 inch pipes jacked under the railroad to allow electric and telephone utilities to relocate their ducts from their current location in Atlantic Street is also proposed as part of the Phase 1 work to accommodate the new bridge together with new drainage, new sanitary sewer and water main throughout the project and the relocation of catenary pole 370B.

The I-95 Exit 8 Ramp is being relocated from its current touchdown at Atlantic Street to a point approximately 400' east merging with South State Street by constructing a flyover structure over Atlantic Street. This relocation requires the reconstruction of approximately 1,500 feet of South State Street and new retaining walls 101 and 102 between the new ramp and I-95 NB roadway and retaining walls 103 and 104 between the new ramp and South State Street to accommodate the grade differences between the two roadways.

All construction activities and access to and from the work areas is expected to be accomplished from within the existing and proposed roadway corridors. Phase 1 work is expected to start in Spring 2016 and continue through the summer of 2017.

The purpose of this SPCP is to identify and manage activities that may affect the quality of stormwater runoff generated during the construction activity. This Plan has been developed in accordance with the requirements of the State of Connecticut General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities effective October 1, 2013 ("General Permit"), the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control ("Guidelines"), and the 2004 Connecticut Stormwater Quality Manual ("Manual").

During construction, the selected contractor shall be responsible for implementing all elements of the erosion and sedimentation (“E&S”) control measures as defined in the Contract Documents and in this SPCP. After the construction warranty period expires, the State of Connecticut will be responsible for maintaining the post construction stormwater controls for this project.

Throughout the construction process, the permittee/registrant shall periodically inspect all erosion control measures by the terms established in this SPCP and the General Permit. This construction project will not be considered complete until all disturbed areas have been stabilized, all erosion has been repaired, and all temporary erosion control measures have been removed per the requirements of the General Permit.

Weblinks

General Permit:

http://www.ct.gov/deep/lib/deep/Permits_and_Licenses/Water_Discharge_General_Permits/storm_construct_gp.pdf

Guidelines:

http://www.ct.gov/deep/cwp/view.asp?a=2720&q=325660&deepNav_GID=1654%20

Manual:

http://www.ct.gov/deep/cwp/view.asp?a=2721&q=325704&deepNav_GID=1654

2. SITE DESCRIPTION

The project site on Atlantic Street includes the intersection with South State Street, Atlantic Street, and the I-95 Northbound Exit Ramp (Exit 8).

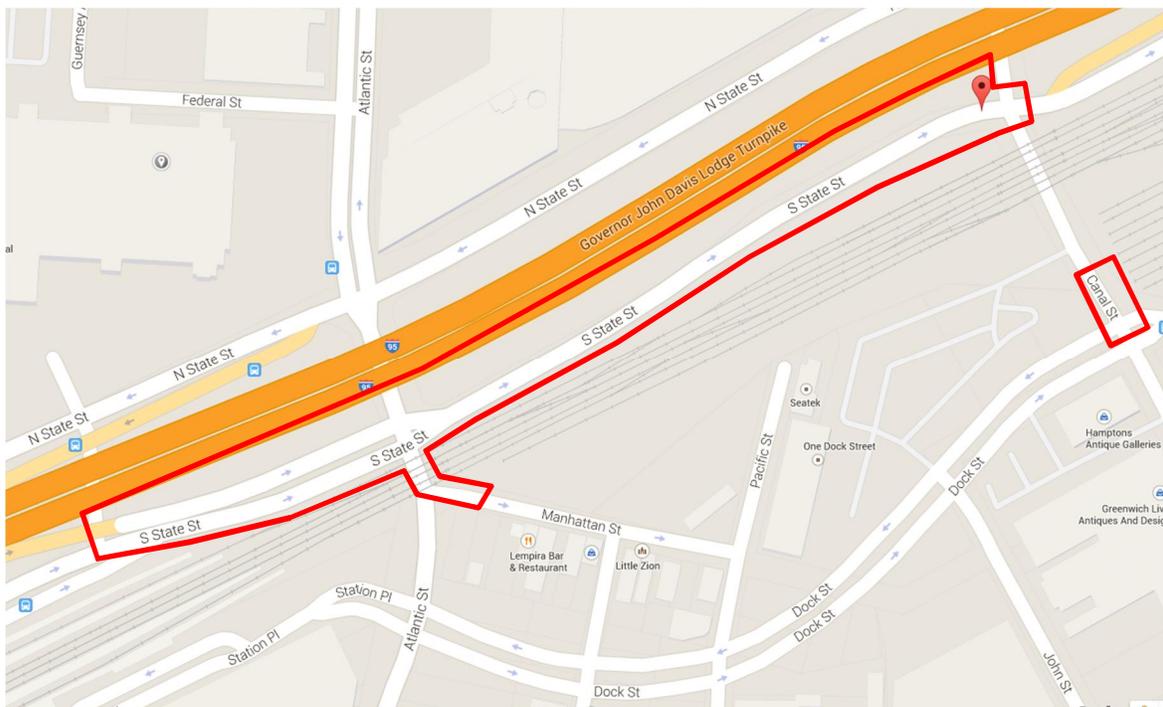
Immediately north of the intersection, Atlantic Street crosses under I-95.

Immediately to the south of the intersection south of the MNRR Bridge, Atlantic Street intersects with Manhattan Street at a T-intersection. Manhattan Street is a one way eastbound roadway located on the east side of Atlantic Street. Located just south of Manhattan Street on Atlantic Street is Station Place, which provides access to the Stamford Intermodal Transportation Center (SITC) and the Stamford Urban Transitway (SUT). Station Place intersects Atlantic Street at a 4-way signalized intersection.

The high traffic volumes, three signalized intersections within 500 feet, restricted travel lanes and vertical clearance at the existing MNRR Bridge and the multi-leg intersection make the traffic operations in this area poor.

The road reconstruction activities are proposed for the following streets, located in Stamford, CT (see Appendix G); I-95 NB Interchange 8 exit ramp, South State Street, I-95 NB shoulder and portion of Canal Street for drainage construction.

The total site and anticipated area of disturbance due to this project is 3.5 acres. There are no known existing or proposed wetlands within the project limits.



Several geotechnical studies have been conducted in the project area. The geotechnical study, "Final Design Geotechnical Engineering Report Utility Corridor – Reconstruction of Atlantic Street and Replacement of Metro-North Railroad Bridge No. 8012R" prepared by GeoDesign Inc. date October 28, 2014. Both studies indicated that the soils predominantly consist of sand and gravel. Groundwater was not present during these investigations.

a. EXISTING DRAINAGE SYSTEM

The extent and location of existing storm drainage systems within and beyond the project area was determined from record mapping available from the City of Stamford and the CTDOT, from aerial based topographic mapping developed by CTDOT from aerial photography, from limited field investigation, and from detailed field topographic survey.

There are two existing storm drainage systems serving Atlantic Street in the vicinity of the MNRR bridge. The first system drains the westerly side of the roadway under the bridge. The runoff collected by surface inlets is directed to the south along Atlantic Street and ultimately turns south and east to discharge to a pump station. The pump station discharges to the East Branch of Stamford Harbor.

The second system drains the easterly side of the roadway under the MNRR Bridge. Runoff collected by the surface inlets at the low point on the easterly side is conveyed northerly to South State Street. The system then, while collecting runoff from South State Street, continues easterly to Canal Street where it turns southerly to ultimately discharge to the upper reach of the East Branch of Stamford Harbor.

The existing drainage system serving the portion of South State Street west of the MNRR Bridge drains to the west toward Stamford Station, turns north at Guernsey Avenue, then turns west again, ultimately discharging to the Rippowam River.

Runoff from portions of the existing I-95 Interchange 8 exit ramp is collected by the storm sewer system west of the MNRR Bridge and carried to the Rippowam River. The remaining portion of the existing off ramp drains toward Atlantic Street and the drainage system serving the westerly low point under the MNRR Bridge.

Based on the 2002 ConnDOT Drainage Manual, Table 6-4 "Recommended Coefficient Of Runoff Values For Various Selected Land Uses", for downtown areas, the average pre-construction runoff coefficient is assumed to be 0.9 (Refer to Appendix A).

Activities such as construction trench dewatering and/or cut and fill to establish subbase grades have the potential to affect discharge water quality during construction. These activities generally include the movement of equipment and materials required to install storm drainage improvements and reconstruct the roads. The materials used for the reconstruction may also impact stormwater quality. Implementation of erosion control measures will capture construction sediments to maintain water quality.

b. PROPOSED DRAINAGE SYSTEM

All stormwater runoff from Atlantic Street within the project area will be collected by standard CTDOT catch basin structures and conveyed in reinforced concrete pipes to a new drainage system in South State Street.

Based on the 2002 ConnDOT Drainage Manual, Table 6-4 "Recommended Coefficient Of Runoff Values For Various Selected Land Uses", for downtown areas, the average post-construction runoff coefficient is assumed to be 0.9. (Refer to Appendix C)

The proposed drainage system in South State Street (drainage basin 2) will begin approximately 370 feet west of the intersection with Atlantic Avenue. The system will consist of standard CTDOT drop inlet structures connecting to a trunk line extending easterly in South State Street to its intersection with Canal Street. At Canal Street this trunk line will connect to an existing 72" north/south drainage system in Canal Street at a new junction chamber (PO-2). As described in the Existing Drainage Conditions section, the drainage system in Canal Street ultimately discharges to the upper reach of the East Branch of Stamford Harbor. Drainage basin 2 will see an increase in impervious area due to the gore area removal, proposed ramp, and the addition of catch basins east of Atlantic Street (see Attachment C for calculations).

The pipe profile for the South State Street drainage system east of Atlantic Street is controlled by the following factors:

1. The invert of the pipe system at its connection to the existing 72" pipe in Canal Street with invert elevation of -2.2 feet NAVD88.
2. Need to go under the proposed communication and electric ducts in South State Street in the vicinity of the South State Street/Atlantic Street intersection. This relocation consists of jacking three 42" diameter pipes under the railroad (approximately perpendicular to South State Street) east of the intersection. These utility pipes will extend into South State Street and the proposed drainage trunk system must be placed below the utility pipes. The proposed invert of the utility pipes is elevation 5.25 feet NAVD88. The invert of the proposed 24" RCP at this location, with allowance for 1 foot of clearance between the utility and drainage pipes, is limited to a maximum of 1.90 feet NAVD88. The length of the proposed drainage system between the location of the utility corridor pipes and the connection at Canal Street is 1,020 feet.
3. The need to drain the proposed new low point under the new MNR Bridge on Atlantic Street (Phase 2 work). The proposed low point is elevation 9.9 feet with pipe invert of 6.73 feet NAVD88.

The roadway profile required for the reconfiguration of the I-95 Interchange Northbound Exit 8 Ramp (to pass over Atlantic Street and combine with South State Street west of Canal Street) results in creation of a high point located approximately coincident with the westerly abutment of the new bridge over Atlantic Street. Stormwater runoff from the portion of the new ramp between the existing gore area and the westerly abutment of the new bridge is proposed to be collected in standard CTDOT catch basins and conveyed in reinforced concrete pipes toward the

west. The new pipe system is proposed to connect to a reconstructed catch basin on the north side of the ramp, just east of the gore area. This existing catch basin connects to an existing 15" pipe (PO-1) just east of Guernsey Avenue. The existing system continues north on Guernsey Avenue then west on North State Street, ultimately discharging to the Rippowam River.

Stormwater runoff from the portion of the new ramp between the described high point and its merge with South State Street to the east is proposed to be collected in standard CTDOT drop inlets and conveyed in reinforced concrete pipe to the east. This system will connect to the proposed new drainage system in South State Street.

Plan views of the proposed drainage systems for South State Street and the I-95 Interchange 8 Northbound Exit Ramp are provided in Appendix I.

3. ANTICIPATED CONSTRUCTION SEQUENCING STAGE CONSTRUCTION REQUIREMENTS

The erosion and sedimentation protection systems shown on the contract documents shall be installed at the start of construction, and shall be maintained by the contractor throughout the construction period. This project will be staged such that no more than 2 acres will be disturbed at any one time. If the construction activities create an area of disturbance between two (2) acres and five (5) acres per discharge point, the Contractor must submit to the Engineer a revised SWPCP for review and approval.

Stage 1 - Utility Pipe Jacking Installation

The contractor shall provide a means for pumping, treating and disposing of groundwater or stormwater runoff found in the excavation during the jacking installation and the sanitary sewer and storm sewer system installation activities summarized below. The system(s) for treatment and disposal of groundwater will likely need to be portable.

South State Street sanitary sewer and drainage installation

Sanitary Sewer

- Construct Manholes and associated piping
- Maintain existing sanitary sewer in South State Street

Drainage

- Construct Manhole and associated piping prior to jacking utility corridor pipes
- Maintain existing drainage in South State Street.

Jacking pit and pipe jacking operation south side of the railroad corridor adjacent to Manhattan Street.

- Re-grade the slope above the existing CMU wall and provide Temporary Seeding
- Remove the temporary bracing and existing CMU wall and Install the Earth Retaining System Left In Place (Site No. 1)
- Install the jacking pit

- Implement the Settlement Monitoring Program
- Jack the three 42inch (1050mm) pipes
- Remove the jacking pit and restore the area

Grading work north of the railroad corridor adjacent to the north side of South State Street.

- Install the Earth Retaining System Left In Place
- Remove the existing retaining wall and re-grade the area
- Restore the area

Stage 2 - Roadway

The contractor shall provide a means for pumping, treating and disposing of groundwater or stormwater runoff found in the excavation during the retaining wall construction activities summarized below. The system(s) for treatment and disposal of groundwater will likely need to be portable. The contractor should also install and maintain an erosion control system as directed by the Engineer to prevent the transport of sediment during the wall construction and fill operation.

New Ramp, Flyover, Walls 101, 102, 104 and eastern portion of Wall 103

- Construct walls 101, 102, portions of wall 103, and 104
- The Flyover Bridge will also be constructed this stage.

Sanitary sewer and drainage installation

Sanitary Sewer

- Construct Manhole and associated piping in advance of the jacking utility corridor pipes
- Maintain existing sanitary sewer in South State Street.

Drainage

- Construct the ramp drainage complete.
- Construct South State Street trunk line
- Install catch basin pipe laterals
- Install temporary catch basin for low point
- Maintain existing drainage in South State Street.

Stage 2A Roadway

I-95 Exit 8 Off-Ramp

South State Street at Canal Street intersection

Roadway Stage 3

Ramp, South State Street and western portion of Wall 103

- Construct a portion of wall 103.

Sanitary sewer and drainage installation

Sanitary Sewer

- Construct sanitary sewer and connect to existing system in Canal Street.

- Abandon existing South State Street system after new system is active.

Drainage

- Construct South State Street trunk
- Install temporary catch basin for low point
- Install catch basins in South State Street (Temporary catch basins installed at the stub limit to be removed).
- Abandon existing South State Street drainage after new system is complete.

4. CONTROL MEASURES

All control measures have been designed and shall be implemented in accordance with the Guidelines, the Manual, and General Permit to minimize (reduce or eliminate) the discharge of pollutants from the project area.

For the purpose of this SPCP, stabilization or stabilize shall have the same meaning as defined in the General Permit, which is: "...the use of measures as outlined in the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended, or as approved by the [DEEP] commissioner, to prevent the visible movement of soil particles and development of rills."

a. EROSION AND SEDIMENT CONTROL

The goal of this plan is to control movement of sediment within the project limits and to prevent sediment from discharging to stormwater drainage systems. Existing vegetation will be preserved by limiting the contractor's movements to only the area within the delineated Limit of Disturbance (LOD).

1. SOIL STABILIZATION AND PROTECTION PRACTICES – NON STRUCTURAL

Limitation of Disturbance – The total area of disturbance is approximately 3.5 acres, respectively. The contractor shall stage the site improvement activities according to this SPCP, Guidelines, Manual, and General Permit. It is anticipated that only the areas within the limit of disturbance will be at risk for erosion. Any vegetation outside of these defined limits will be preserved by the measures described in this SPCP.

Temporary Vegetative Cover – If any exposed areas or stockpiles will be inactive for more than thirty (30) days and have not yet reached finished grades, they shall receive a temporary vegetative cover within seven (7) days after the suspension of work.

Permanent Vegetative Cover – The installation of permanent vegetation shall be placed on all exposed areas within seven (7) days of final grading.

Winter Stabilization - Long term and winter stabilization will conform to the provisions of the Best Management Practices (BMP), CTDOT Standard Specifications and the Guidelines.

2. TEMPORARY MEASURES (Reference Appendix G for site improvement drawings)

Silt Fence and Hay Bales - Structural practices that will be implemented shall include silt fences backed by hay bales. The silt fence and hay bales shall reduce down gradient siltation by acting as sediment filters. This filter removes sediment transported by sheet flow and shall be implemented in all phases of construction.

Inlet Protection- Inlet protection shall be installed around all inlet structures. The inlets shall be protected by hay bales, a geotextile fence (except on pavement), and for catch basins a 'silt sack', which consists of filter fabric that is secured under the catch basin grate, shall be used. The filter fabric shall trap or catch any silt or sediment that falls through the grate.

Sediment Traps – The project does not anticipate the use of “temporary basins” or “temporary sediment traps” as described in the Guidelines, and discussed in more detail in Section 3. However, if utilized, Sediment traps shall be installed in areas within the limits of disturbance where the total contributing drainage area is 2 to 5 acres per the General Permit, Guidelines, and this SPCP. These structures shall be installed prior to other land disturbance within the contributing drainage area. The sediment traps shall be constructed in accordance with the Guidelines.

Stone Check Dams – The project does not anticipate the use of stone check dams as described in the Guidelines. However, if utilized, stone check dams shall be installed in accordance with the Guidelines.

Temporary Erosion Control Blanket (ECB) – ECBs are not anticipated due to the generally flat slopes limited to the shelf areas of the roadway (less than 10 feet).

3. MAINTENANCE (DURING CONSTRUCTION)

The erosion and sediment controls shall be maintained in a condition consistent with this SPCP, the General Permit, and Guidelines. The Contractor shall conduct the following maintenance to ensure the proper performance of E&S control measures during construction.

Silt Fence & Hay Bales - Inspect the silt fence and hay bales at least once a week and within 24 hours of the end of a storm with rainfall amount of 0.1 inch or greater. Remove sediment deposits when the deposits are approximately one-quarter the height of the barrier. Replace or repair fence within 24 hours of observed failure. When repetitive failure occurs at the same location, review conditions and limitations for use and determine if additional controls are needed to eliminate failure. Maintain the fence until the contributing area is stabilized.

Inlet Protection - Inspect the silt fence, hay bales, and silt sacks at least every workday and within 24 hours of the end of a storm with rainfall amount of 0.5 inch or greater. Remove sediment deposits when the deposits are approximately one-quarter the height of the barrier, and/or if runoff is ponding at the grate locations. Replace or repair within 24 hours of observed failure. When repetitive failure occurs at the same location, review conditions and limitations for use and determine if additional controls are needed to reduce failure. Maintain the protection until the contributing area is stabilized.

Temporary Erosion Control Blankets - If washouts or breakouts occur, re-install the blanket after re-grading and re-seeding, ensuring that blanket installation still meets design specifications. When repetitive failures occur at the same location, review conditions and limitations for use and determine if diversions, stone check dams or other measures are needed to reduce failure rate. Repair any dislodged or failed blankets immediately.

4. DEWATERING

Wastewater from dewatering pumps, will be infiltrated into the ground where possible. Where this is impracticable, proper methods and devices shall be utilized to the extent permitted by law, such as pumping water into a temporary sedimentation depression, providing surge protection at the inlet and outlet of pumps, floating the intake of the pump, or other methods to minimize and retain the suspended solids. These wastewaters will not be discharged directly to surface waters or wetlands without treatment. If a pumping operation causes turbidity problems beyond the control of these measures, the operation shall cease until feasible means of controlling turbidity are determined and implemented.

b. OTHER CONTROLS

Waste Disposal – Best Management Practices will be implemented to reduce the discharge of litter, debris, building materials, hardened concrete, or similar materials to waters of the State.

Dust Control – The contractor will utilize dust control measures to prevent the movement of dust from exposed soil surfaces. Wet dust suppression shall be used in accordance with section 22a-174-18(b) of the Connecticut General Statutes, for any construction activity that causes airborne particulates. No discharge of dust control water shall contain or cause a visible oil sheen, floating solids, visible discoloration, or foaming in the receiving stream.

Material Storage – Storage of material that could be injurious to human health or the environment in the event of flooding, such as chemicals and petroleum, will be located outside of the 500-year flood zone. Other material or equipment may be stored below the 500-year flood elevation such that the material or equipment is not subject to major damage by floods, and that such material or equipment will be firmly anchored, restrained or enclosed to prevent it from floating away or that such material or equipment can be removed prior to flooding.

Concrete Washout Area – If a concrete washout area is utilized on site it must be inspected once a week and within 24 hours of the end of a storm with rainfall amount of 0.5 inch or greater. Hardened concrete waste shall be removed once the accumulation reaches ½ of the

height of the pit or as necessary to avoid overflows. If there are signs of leaks, holes or overflows in the pit, repairs will be made prior to further use.

Anti-Tracking Pads – If anti-tracking pads are utilized on this project, the contractor shall maintain the entrance in a condition which will prevent tracking and washing of sediment onto paved surfaces. Provide periodic top dressing with additional stone or additional length as conditions demand. Repair any measures used to trap sediment as needed. Immediately remove all sediment spilled, dropped, washed or tracked onto paved surfaces. Roads adjacent to a construction site shall be left clean at the end of each day.

Emergency Procedures – A Flood Contingency Plan is required to be submitted by the Contractor to the District prior to starting construction.

5. RUNOFF REDUCTION/LOW IMPACT DEVELOPMENT

The project is located in close proximity to Stamford Harbor and Long Island Sound. The design will not result in adverse impact to property or persons as all discharge is piped directly to Stamford Harbor. The project area is protected from storm surges by the Stamford Hurricane Barrier and Pump System.

The drainage design does incorporate facilities to improve the quality of the stormwater runoff leaving the project area. Vertical constraints imposed by the finished grades of the roadway, by the elevation of the existing, receiving drainage systems, by requirements for relocation of utilities, and horizontal constraints resulting from the proposed retaining walls required to support the railroad and the I-95 embankments and from the requirements for relocation of utilities preclude the introduction of primary water quality treatment practices as defined in the 2004 Connecticut Stormwater Quality Manual. No opportunity exists within the limits of the project to retain the water quality volume. Secondary water quality treatment practices, in the form of hydrodynamic separators and deep sump catch basins, are proposed. These facilities are intended to treat stormwater runoff for suspended solids, remove floatables, and dissipate velocity.

Hydrodynamic separators are proposed to treat the water quality flow from the easterly portion of the relocated I-95 Northbound Exit Ramp (from approximately Atlantic Street to approximately 275 feet west of Canal Street) and the water quality flow from Manhattan Street, Atlantic Street and South State Street with the exception of the runoff entering the catch basins at the intersection of South State Street and Canal Street.

Deep (4 feet) sump catch basins are proposed for the drainage system serving the westerly portion of the I-95 Northbound Exit Ramp (from approximately Atlantic Street to approximately the gore area of the ramp) and for the catch basins at the intersection of South State Street and Canal Street.

All structures, other than those noted in the above paragraph, are proposed to be CTDOT standard drop inlets (no sump). The recommendation to eliminate sumps from catch basins and incorporate hydrodynamic separators was made during a meeting with the Department on May 14, 2014.

6. IMPAIRED WATERS

It appears that this project does not discharge to any impaired waterbody's listed in the "Impaired Waters Table for Construction Stormwater Discharges" provided by the General Permit.

7. INSPECTION

The site must be inspected initially for SPCP implementation within the first 30 days following commencement of the construction activity. The site shall be inspected at least once and no more than three times during the first 90 days to ensure proper implementation of all control measures designated in the plan. Inspections must be completed by a Qualified Inspector as defined in the General Permit.

A Qualified Inspector, as defined by the General Permit, means an individual possessing either (1) a professional license or certification by a professional organization recognized by the commissioner related to agronomy, civil engineering, landscape architecture, soil science, and two years of demonstrable and focused experience in erosion and sediment control plan reading, installation, inspection and/or report writing for residential and commercial construction projects in accordance with the Guidelines; or (2) five years of demonstrable and focused experience in erosion and sediment control plan reading, installation, inspection and/or report writing for residential and commercial construction projects in accordance with the Guidelines; or (3) certification by the Connecticut Department of Transportation (DOT).

Beyond the initial inspection and unless otherwise noted elsewhere in the SPCP that are more frequent, weekly routine inspections and inspections within 24 hours of a rainfall event that generates a discharge (only during normal work hours) must be completed for the site until a Notice of Termination has been submitted. A rain gauge is required to be on site to document rainfall amounts. Disturbed areas and areas used for storage of materials that are exposed to precipitation shall be inspected for evidence of, or the potential for, pollutants entering the drainage system. Erosion and sediment control measures identified in the plan shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be visually inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters. Locations where vehicles enter or exit the site shall be inspected for evidence of off-site sediment tracking.

The inspection report shall include a summary of the scope of the inspection, name(s) and qualifications of personnel making the inspection, the date(s) of the inspection, weather conditions including precipitation information, major observations related to erosion and sediment controls and the implementation of the SPCP, a description of the stormwater discharge from the site, and any water quality monitoring performed during the inspection. The report must also include a statement that the site is either in compliance or out of compliance with the SPCP. If the site is out of compliance the report shall include the corrective action needed to have the site in compliance. Non-engineered corrective actions (as identified in the Guidelines) shall be implemented on site within 24 hours and incorporated into a revised SPCP within three (3) calendar days of the date of inspection unless another schedule is specified in the Guidelines. Engineered corrective actions (as identified in the Guidelines) shall be implemented on site within seven (7) days and incorporated into a revised SPCP within ten (10) days of the date of inspection, unless another schedule is specified in the Guidelines or is approved by the Commissioner of the Department of Energy and Environmental Protection. During the period in which any corrective actions are being developed and have not yet been fully implemented, interim measures shall be implemented to minimize the

potential for the discharge of pollutants from the site. The report shall be signed by the permittee or its assigned agent, and will become part of the SPCP.

8. MONITORING

The proposed project disturbs 3.5 acres which requires monthly monitoring for turbidity. Monthly sampling, shall be completed during normal work hours (7:30am to 4:00pm), and will begin when there is discharge from the site during construction activity, and will continue until final stabilization of the drainage area associated with each outfall is achieved. Sampling is not required if there is no stormwater discharge or if the conditions pose a threat to the safety of the person taking the sample. If there is no stormwater discharge during a month, sampling is not required.

All samples shall be collected from discharges resulting from a storm event that occurs at least 24 hours after any previous storm event generating a stormwater discharge. Samples shall be grab samples taken at least three separate times during a storm event. Samples may be taken manually or by an in-situ turbidity probe or other automatic sampling device equipped to take individual turbidity readings (i.e. not composite). The average of the three samples will be reported. The first sample shall be taken within the first hour of stormwater discharge from the site. If there is no discharge during any given monitoring period, the permittee shall submit the form as required and indicate "no discharge" for monitoring results.

Within 30 days following the end of each month, permittees shall enter the stormwater sampling result(s) on the Stormwater Monitoring Report (SMR) form (available at www.ct.gov/deep/stormwater) and submit it in accordance with the NetDMR provisions, outlined in the State of Connecticut General Permit for the Discharges of Stormwater and Dewatering Wastewaters from Construction Activities effective October 1, 2013 or to the Bureau of Materials Management and Compliance Assurance.

The locations of the sampling points, or drainage points, are shown on the plans located in Appendix C, Proposed Site Monitoring Plan. These points shall be clearly marked in the field with a flag, stake, or other visible marker. Since this project is considered a linear project, a representative monitoring location has been selected to represent the 5 project outfalls, as shown in Appendix C. The combined outfall sampling points are similar in nature due to the areas exposed soils, slope and proposed stormwater controls to be used.

9. POST CONSTRUCTION STORMWATER MANAGEMENT & CONTROLS

At the end of construction, all areas disturbed by construction activities shall be stabilized. All stormwater structures shall be cleaned and maintained prior to a termination inspection. All temporary erosion control measures shall be removed prior to filing a termination notice for the project. The Connecticut Department of Transportation, or a qualified representative, shall inspect the site 3 months after stabilization has been achieved for all phases of construction. If the inspection confirms that the site is stable, as described in the General Permit, the Connecticut Department of Transportation shall submit to the CT DEEP a Notice of Termination form.

The Connecticut Department of Transportation / City of Stamford will maintain the storm sewer facilities in accordance with standard City of Stamford maintenance protocols, as described in this document and developed as required by the CT DEEP Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities.

10.CONTRACTORS

a. GENERAL

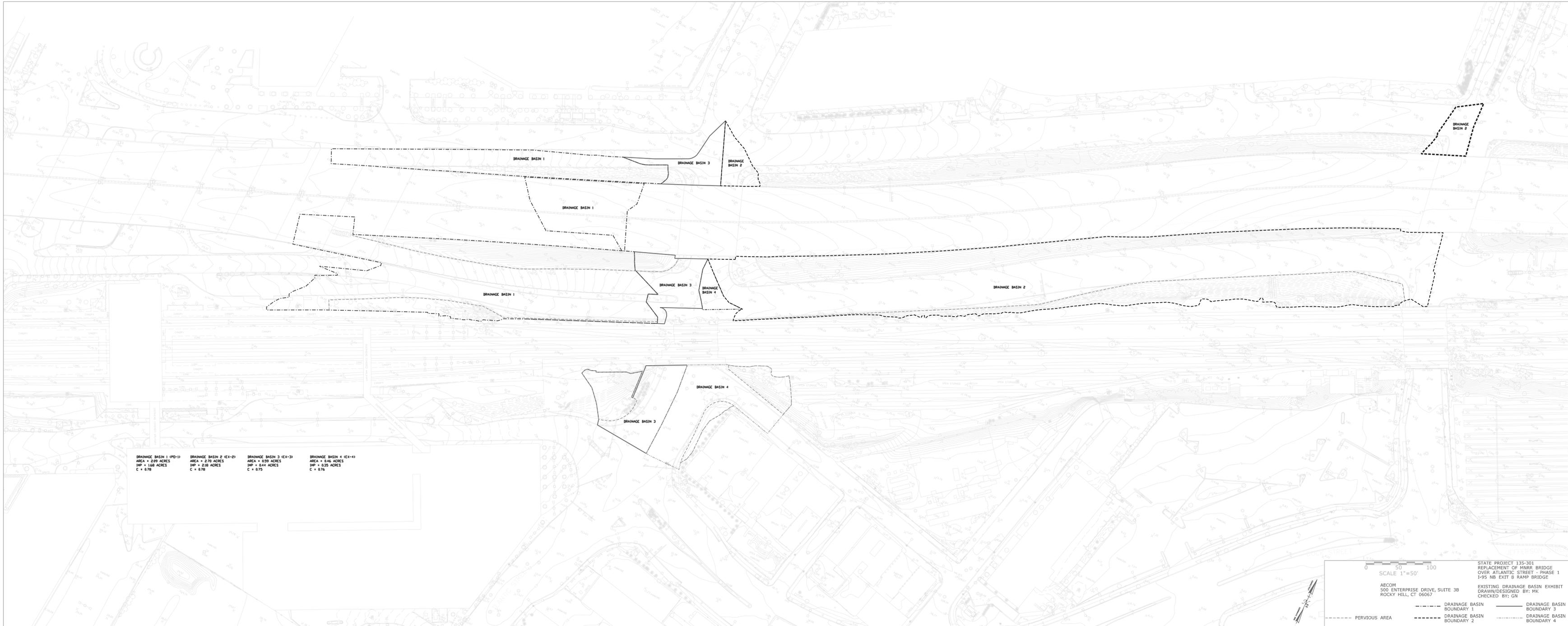
All contractors and subcontractors who will perform actions on site that may reasonably be expected to cause or have the potential to cause pollution of the waters of the State are to be identified on the form in Appendix E.

b. CERTIFICATION STATEMENT

All contractors and subcontractors must sign the certification form included in Appendix E. All certifications shall be included in this Stormwater Pollution Control Plan.

APPENDIX A

EXISTING CONDITIONS MAP



DRAINAGE BASIN 1 (PD-1)
 AREA = 2.99 ACRES
 IMP = 1.68 ACRES
 C = 0.78

DRAINAGE BASIN 2 (E-2)
 AREA = 2.70 ACRES
 IMP = 2.08 ACRES
 C = 0.78

DRAINAGE BASIN 3 (E-3)
 AREA = 0.29 ACRES
 IMP = 0.44 ACRES
 C = 0.75

DRAINAGE BASIN 4 (E-4)
 AREA = 0.46 ACRES
 IMP = 0.20 ACRES
 C = 0.76

0 50 100
 SCALE 1"=50'

ARCOM
 500 ENTERPRISE DRIVE, SUITE 3B
 ROCKY HILL, CT 06067

--- PVIOUS AREA
 - - - - - DRAINAGE BASIN BOUNDARY 1
 - - - - - DRAINAGE BASIN BOUNDARY 2
 - - - - - DRAINAGE BASIN BOUNDARY 3
 - - - - - DRAINAGE BASIN BOUNDARY 4

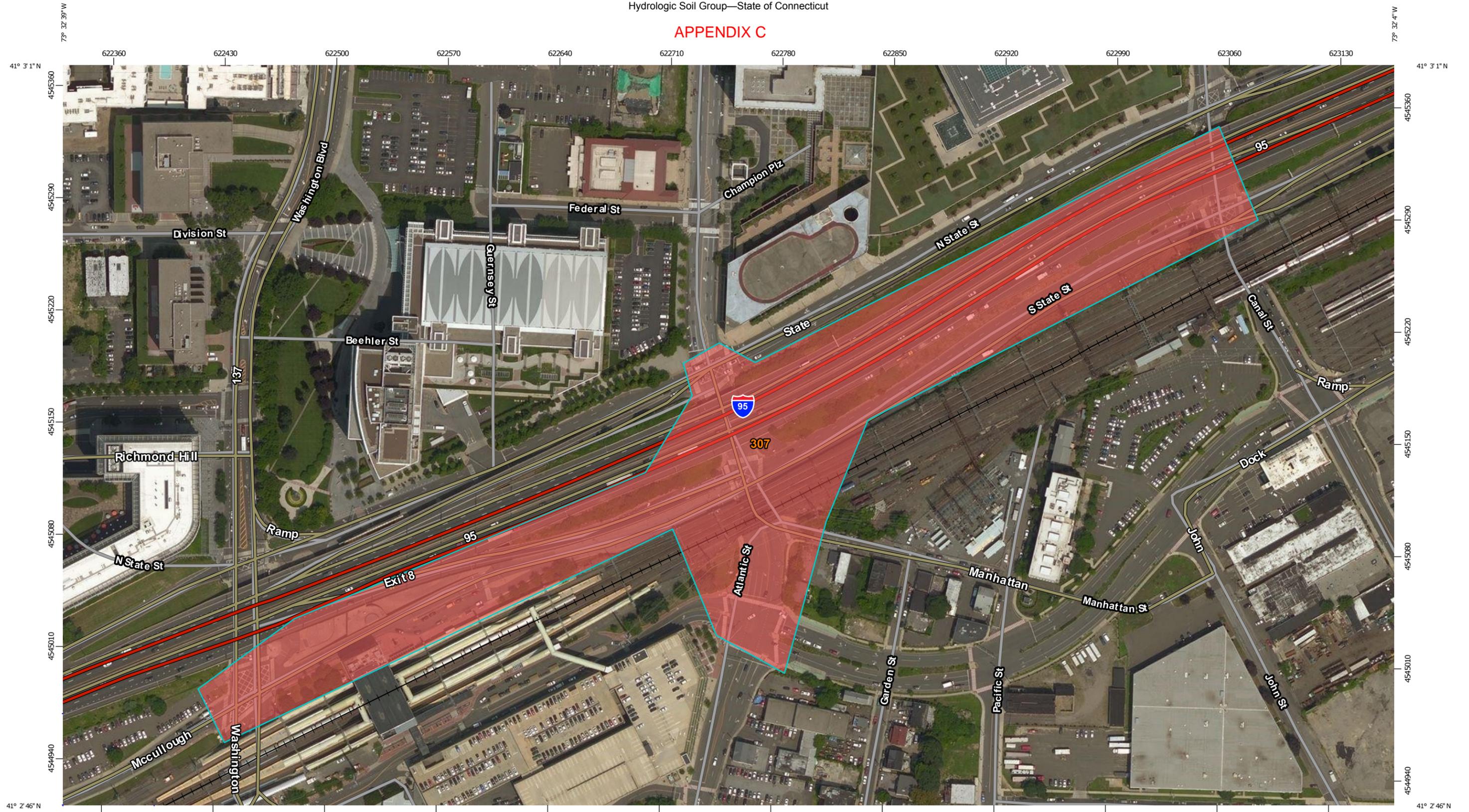
STATE PROJECT 135-301
 REPLACEMENT OF INRR BRIDGE
 OVER ATLANTIC STREET - PHASE 1
 I-95 NB EXIT 8 RAMP BRIDGE

EXISTING DRAINAGE BASIN EXHIBIT
 DRAWN/DESIGNED BY: MK
 CHECKED BY: GN

APPENDIX B

SOILS MAP

APPENDIX C



Map Scale: 1:2,250 if printed on B landscape (17" x 11") sheet.

0 30 60 120 180 Meters

0 100 200 400 600 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

Soil Rating Polygons

 A
 A/D
 B
 B/D
 C
 C/D
 D
 Not rated or not available

Soil Rating Lines

 A
 A/D
 B
 B/D
 C
 C/D
 D
 Not rated or not available

Soil Rating Points

 A
 A/D
 B
 B/D

 C
 C/D
 D
 Not rated or not available

Water Features

 Streams and Canals

Transportation

 Rails
 Interstate Highways
 US Routes
 Major Roads
 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: State of Connecticut
 Survey Area Data: Version 13, Oct 28, 2014

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jul 21, 2014—Aug 27, 2014

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Hydrologic Soil Group— Summary by Map Unit — State of Connecticut (CT600)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
307	Urban land	D	12.3	100.0%
Totals for Area of Interest			12.3	100.0%

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

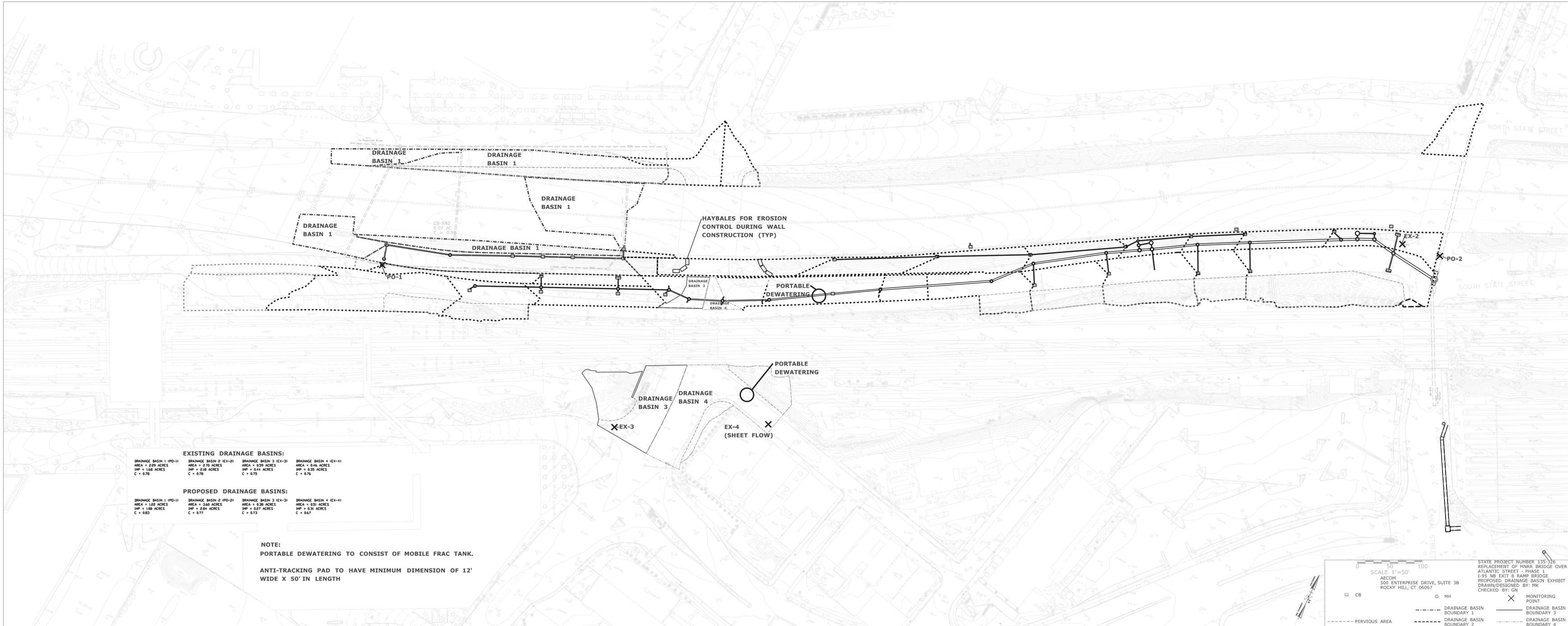
Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

APPENDIX C

PROPOSED SITE MONITORING PLAN (DRAINAGE BASINS, DISCHARGE POINTS)



EXISTING DRAINAGE BASINS:

DRAINAGE BASIN 1 (PO-1) AREA = 2.99 ACRES IMP = 1.69 ACRES C = 0.78	DRAINAGE BASIN 2 (EX-2) AREA = 2.75 ACRES IMP = 2.18 ACRES C = 0.78	DRAINAGE BASIN 3 (EX-3) AREA = 0.59 ACRES IMP = 0.41 ACRES C = 0.75	DRAINAGE BASIN 4 (EX-4) AREA = 0.16 ACRES IMP = 0.25 ACRES C = 0.76
--	--	--	--

PROPOSED DRAINAGE BASINS:

DRAINAGE BASIN 1 (PO-1) AREA = 1.29 ACRES IMP = 1.09 ACRES C = 0.82	DRAINAGE BASIN 2 (PO-2) AREA = 3.60 ACRES IMP = 2.84 ACRES C = 0.77	DRAINAGE BASIN 3 (EX-3) AREA = 0.29 ACRES IMP = 0.27 ACRES C = 0.73	DRAINAGE BASIN 4 (EX-4) AREA = 0.51 ACRES IMP = 0.31 ACRES C = 0.67
--	--	--	--

NOTE:
 PORTABLE DEWATERING TO CONSIST OF MOBILE FRAC TANK.
 ANTI-TRACKING PAD TO HAVE MINIMUM DIMENSION OF 12'
 WIDE X 50' IN LENGTH

SCALE 1"=50'

AECOM
 500 ENTERPRISE DRIVE, SUITE 3B
 ROCKY HILL, CT 06067

STATE PROJECT NUMBER 135-326
 REPLACEMENT OF MNR BRIDGE OVER
 ATLANTIC STREET - PHASE 1
 1-95 NB EXIT 8 RAMP BRIDGE
 PROPOSED DRAINAGE BASIN EXHIBIT
 DRAWN/DESIGNED BY: MK
 CHECKED BY: GN

Legend:

- CB
- MH
- PERVIOUS AREA
- DRAINAGE BASIN BOUNDARY 1
- DRAINAGE BASIN BOUNDARY 2
- MONITORING POINT
- DRAINAGE BASIN BOUNDARY 3
- DRAINAGE BASIN BOUNDARY 4

Drainage Calculations

Stormwater Permit State Project Number 135-326

Atlantic Street MNRR Bridge

by: MK

Date: 10-01-2015

Existing Drainage Basin Flows

Basin #**	Area (acres)	Pervious Area (0.3)	Impervious Area (0.9)	C	I (in/hr)*	CA	Q (cfs)
1	2.09	0.41	1.68	0.78	6.7	1.64	10.95
2	2.7	0.52	2.18	0.78	6.7	2.12	14.19
3	0.59	0.15	0.44	0.75	6.7	0.44	2.95
4	0.46	0.11	0.35	0.76	6.7	0.35	2.33
TOTAL							30.43

Proposed Drainage Basin Flows

Basin #**	Area (acres)	Pervious Area (0.3)	Impervious Area (0.9)	C	I (in/hr)*	CA	Q (cfs)
1	1.22	0.14	1.08	0.83	6.7	1.01	6.79
2	3.6	0.76	2.84	0.77	6.7	2.78	18.65
3	0.38	0.11	0.27	0.73	6.7	0.28	1.85
4	0.51	0.2	0.31	0.66	6.7	0.34	2.27
TOTAL							29.57

*Time of concentration assumed to be 5 minutes, and
based on 25 year storm event

** See Attachment C for basin locations

APPENDIX D

AQUIFER PROTECTION AREA

AQUIFER PROTECTION AREAS

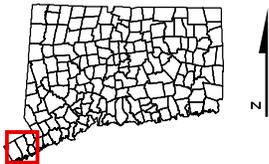
Stamford, CT

February 10, 2015

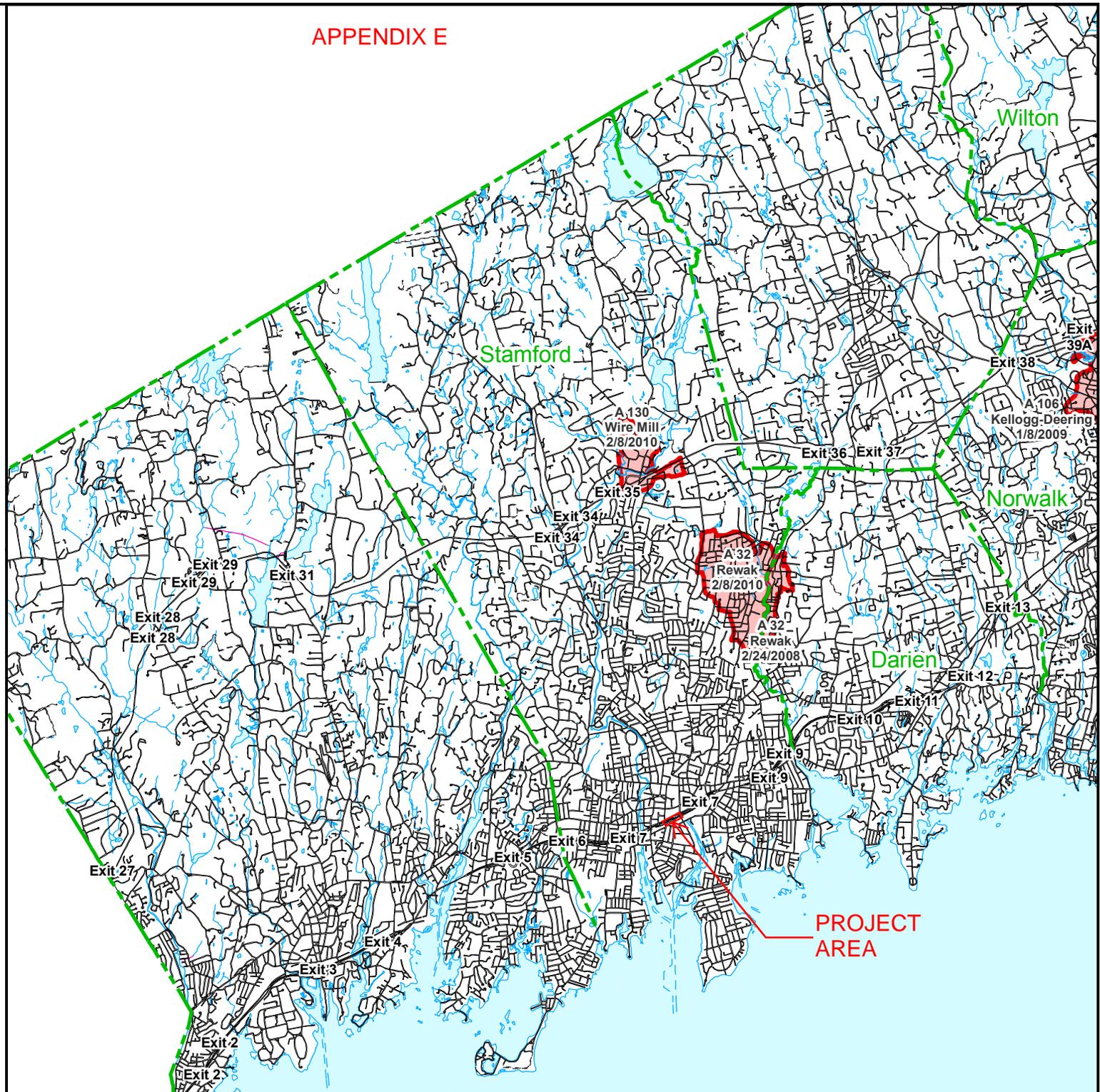
-  Level A APA (Final Adopted)
-  Level A APA (Final)
-  Level B APA (Preliminary)
-  Town Boundary

NOTE: The Aquifer Protection Areas were delineated through Connecticut's Level A and Level B Mapping Processes. Aquifer Protection Areas are delineated for active public water supply wells in stratified drift that serve more than 1000 people, in accordance with Sections 22a-354c and 22a-354z of the Connecticut General Statutes. Level B Mapping delineates a preliminary aquifer protection area, providing an estimate of the land area from which the well draws its water. Level A Mapping delineates the final Aquifer Protection Area, which becomes the regulatory boundary for land use controls designed to protect the well from contamination. As Level A Mapping is completed for each well field and approved by DEEP, it replaces the Level B Mapping. Final Adopted Level A Areas are those where towns have land use regulations for them. Massachusetts and Rhode Island Wellhead Protection Areas may be shown for informational purposes.

QUESTIONS:
Bureau of Water Protection and Land Reuse
Planning and Standards Division
Phone: (860) 424-3020
www.ct.gov/deep/aquiferprotection



APPENDIX E



APPENDIX E

CONTRACTOR CERTIFICATION FORM

STATE PROJECT 135-326
REPLACEMENT OF MNRR BRIDGE
OVER ATLANTIC STREET – PHASE 1
I-95 NB EXIT 8 RAMP BRIDGE
STAMFORD, CT

GENERAL CONTRACTOR

"I certify under penalty of law that I have read and understand the terms and conditions of the General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities. I understand that as a contractor or subcontractor at the site, I am authorized by this general permit, and must comply with the terms and conditions of this general permit, including but not limited to the requirements of the Stormwater Pollution Control Plan prepared for the site."

Signed: _____ Date: _____

Printed Name: _____ Telephone: _____

Title: _____

Company: _____

Address: _____

STATE PROJECT 135-326
REPLACEMENT OF MNRR BRIDGE
OVER ATLANTIC STREET – PHASE 1
I-95 NB EXIT 8 RAMP BRIDGE
STAMFORD, CT

SUBCONTRACTOR

"I certify under penalty of law that I have read and understand the terms and conditions of the General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities. I understand that as a contractor or subcontractor at the site, I am authorized by this general permit, and must comply with the terms and conditions of this general permit, including but not limited to the requirements of the Stormwater Pollution Control Plan prepared for the site."

Signed: _____ Date: _____

Printed Name: _____ Telephone: _____

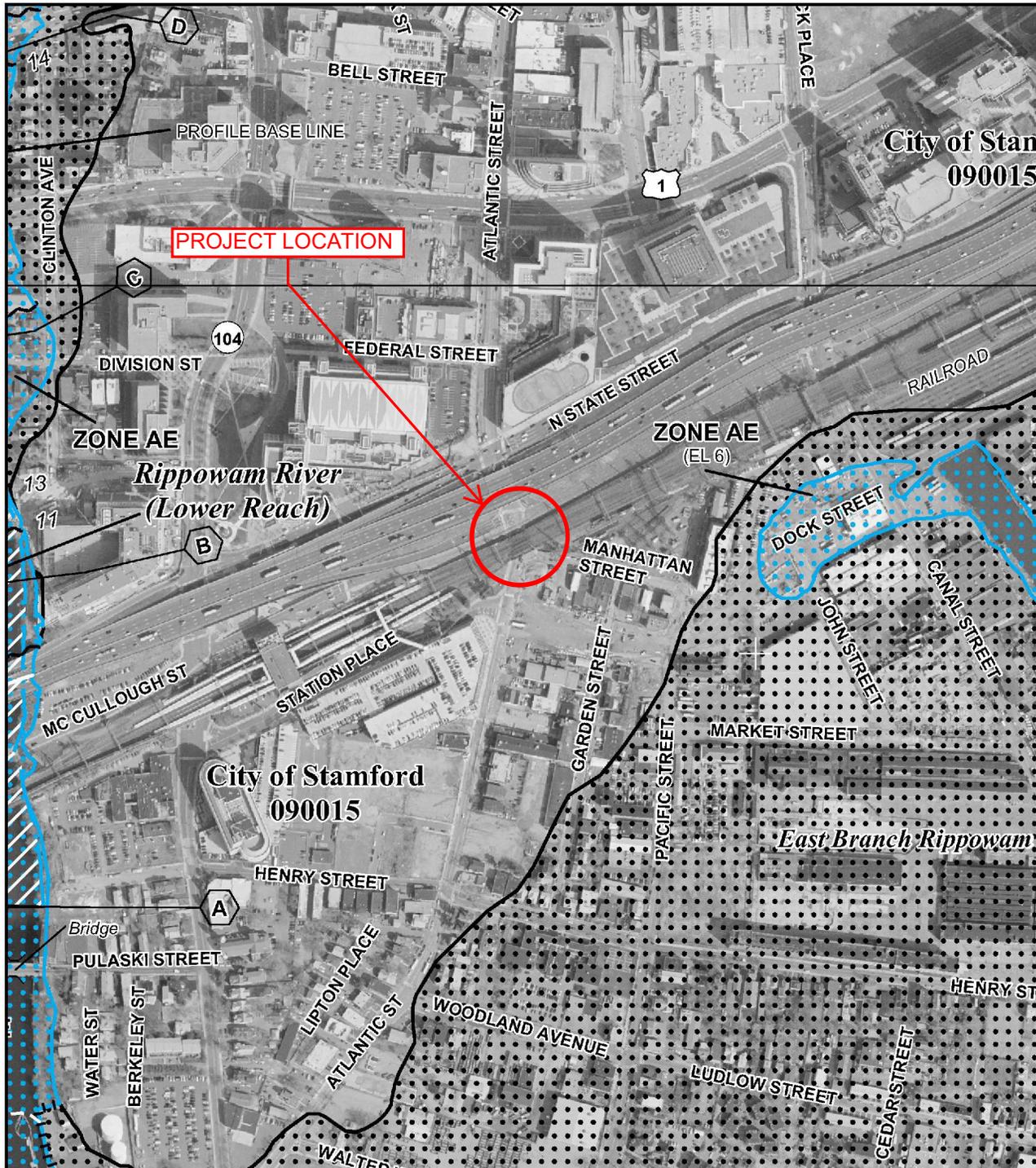
Title: _____

Company: _____

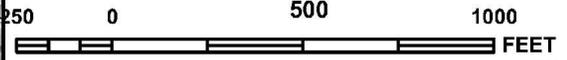
Address: _____

APPENDIX F

FEMA MAPS



MAP SCALE 1" = 500'



PANEL 0516G

FIRM
FLOOD INSURANCE RATE MAP
FAIRFIELD COUNTY,
CONNECTICUT
(ALL JURISDICTIONS)

PANEL 516 OF 626
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
GREENWICH, TOWN OF	090008	0516	G
STAMFORD, CITY OF	090015	0516	G

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.



MAP NUMBER
09001C0516G
MAP REVISED
JULY 8, 2013

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

NATIONAL FLOOD INSURANCE PROGRAM
 FIRM

LEGEND



SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

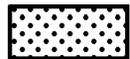
The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR** Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE A99** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.



FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.



OTHER FLOOD AREAS

- ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.



OTHER AREAS

- ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.

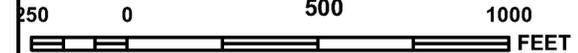
- ZONE D** Areas in which flood hazards are undetermined, but possible.



COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS



MAP SCALE 1" = 500'



PANEL 0516G

FIRM

FLOOD INSURANCE RATE MAP FAIRFIELD COUNTY, CONNECTICUT (ALL JURISDICTIONS)

PANEL 516 OF 626

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
GREENWICH, TOWN OF	090008	0516	G
STAMFORD, CITY OF	090015	0516	G

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.



MAP NUMBER
09001C0516G

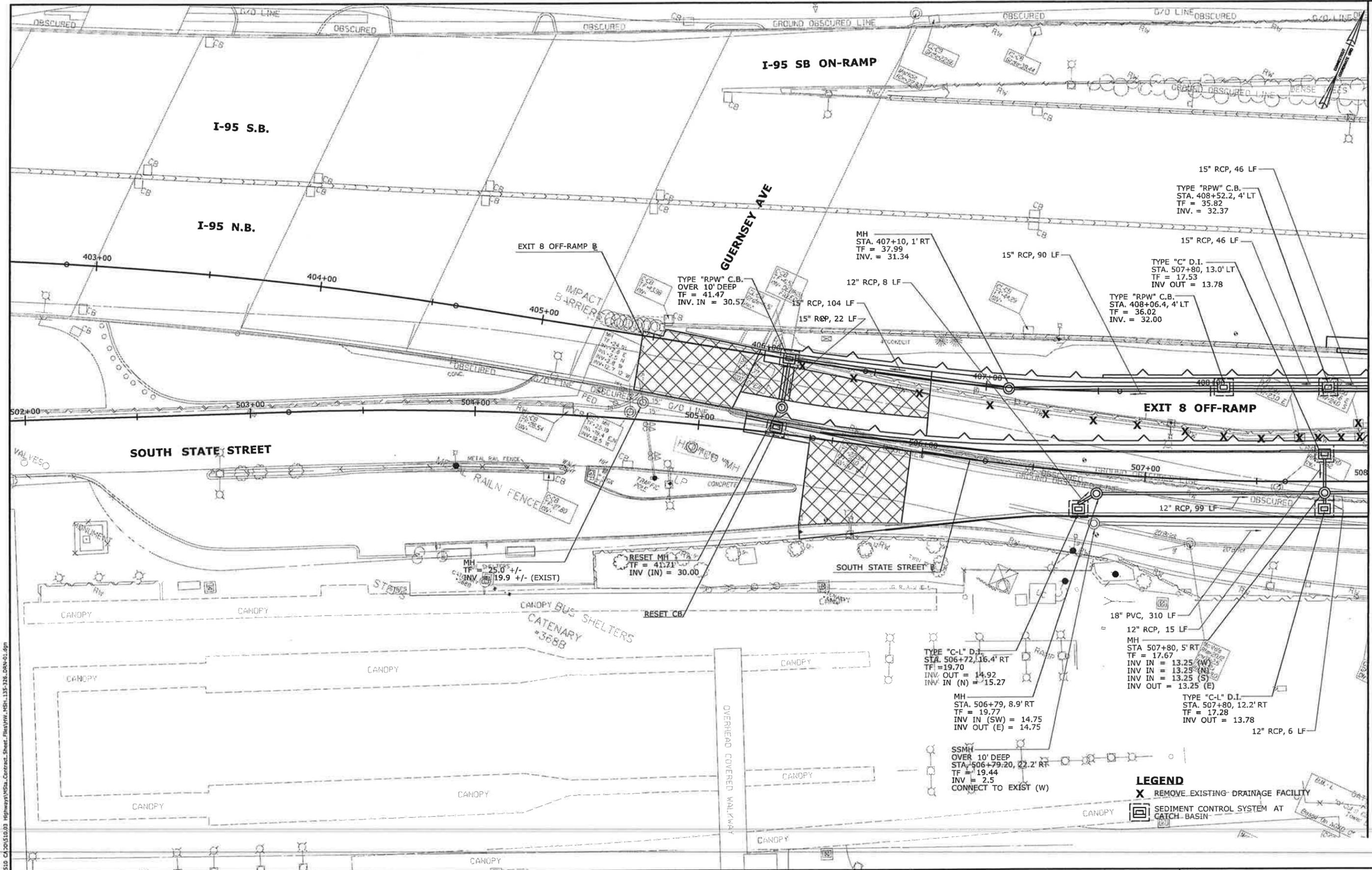
MAP REVISED
JULY 8, 2013

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

APPENDIX G

STAGING AND EROSION CONTROL DRAWINGS



MATCH LINE - SEE DWG. NO. DRN-02

6/8/2015 P:\1500 CAD-CADD-GIS-Graphic\510 CAD\510\10.03 Highway\MSH-Contract_Sheet_Plan\135-326-DRN-01.dgn

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.

DESIGNER/DRAFTER:
G. NASH/A. NATION
CHECKED BY:
J. KEEFE
SCALE IN FEET
0 20 40
SCALE 1"=20'



SIGNATURE/BLOCK:

PROJECT TITLE:
REPLACEMENT OF MNRR BRIDGE OVER ATLANTIC STREET - PHASE 1 I-95 NB EXIT 8 RAMP BRIDGE

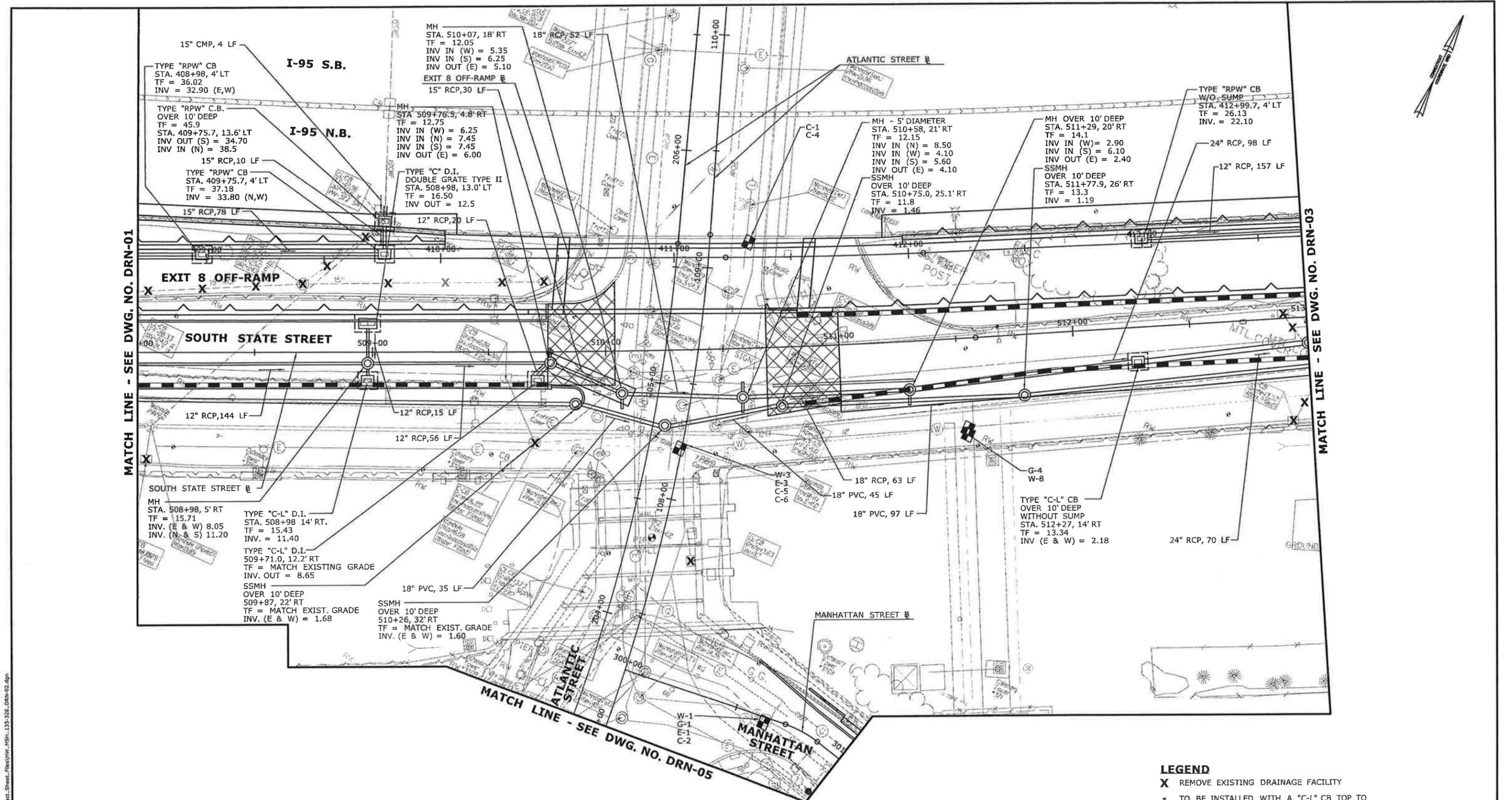
TOWN:
STAMFORD
DRAWING TITLE:
DRAINAGE & SANITARY SEWER PLAN

PROJECT NO.
135-326
DRAWING NO.
DRN-01
SHEET NO.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 6/8/2015

Filename: ...HW_MSH_135-326-DRN-01.dgn



MATCH LINE - SEE DWG. NO. DRN-01

MATCH LINE - SEE DWG. NO. DRN-03

MATCH LINE - SEE DWG. NO. DRN-05

- LEGEND**
- X REMOVE EXISTING DRAINAGE FACILITY
 - * TO BE INSTALLED WITH A "C-L" CB TOP TO ACCOMMODATE TEMPORARY TRAFFIC CONDITIONS. RESET WITH A "C" CB TOP FOR THE FINAL CONDITION.
 - [SCS] SEDIMENTATION CONTROL SYSTEM (SCS)

NOTE
FOR TEST PIT DATA SEE DRAWING NO. DRN-03

6/8/2015 P:\1500 CAD-DWG-Parish\1510 CAD\1510.03 Highway\1510Sta_Contract_Sheet_files\1510-135-326-DRN-02.dgn

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

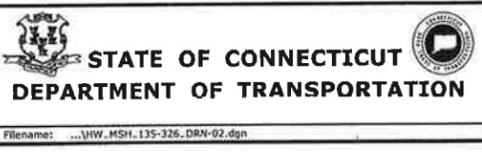
THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/8/2015

DESIGNER/DRAFTER:
G. NASH/A. NATION

CHECKED BY:
J. KEEFE

SCALE IN FEET
0 20 40
SCALE 1"=20'



SIGNATURE/
BLOCK:

PROJECT TITLE:
REPLACEMENT OF MNR BRIDGE OVER ATLANTIC STREET - PHASE 1 I-95 NB EXIT 8 RAMP BRIDGE

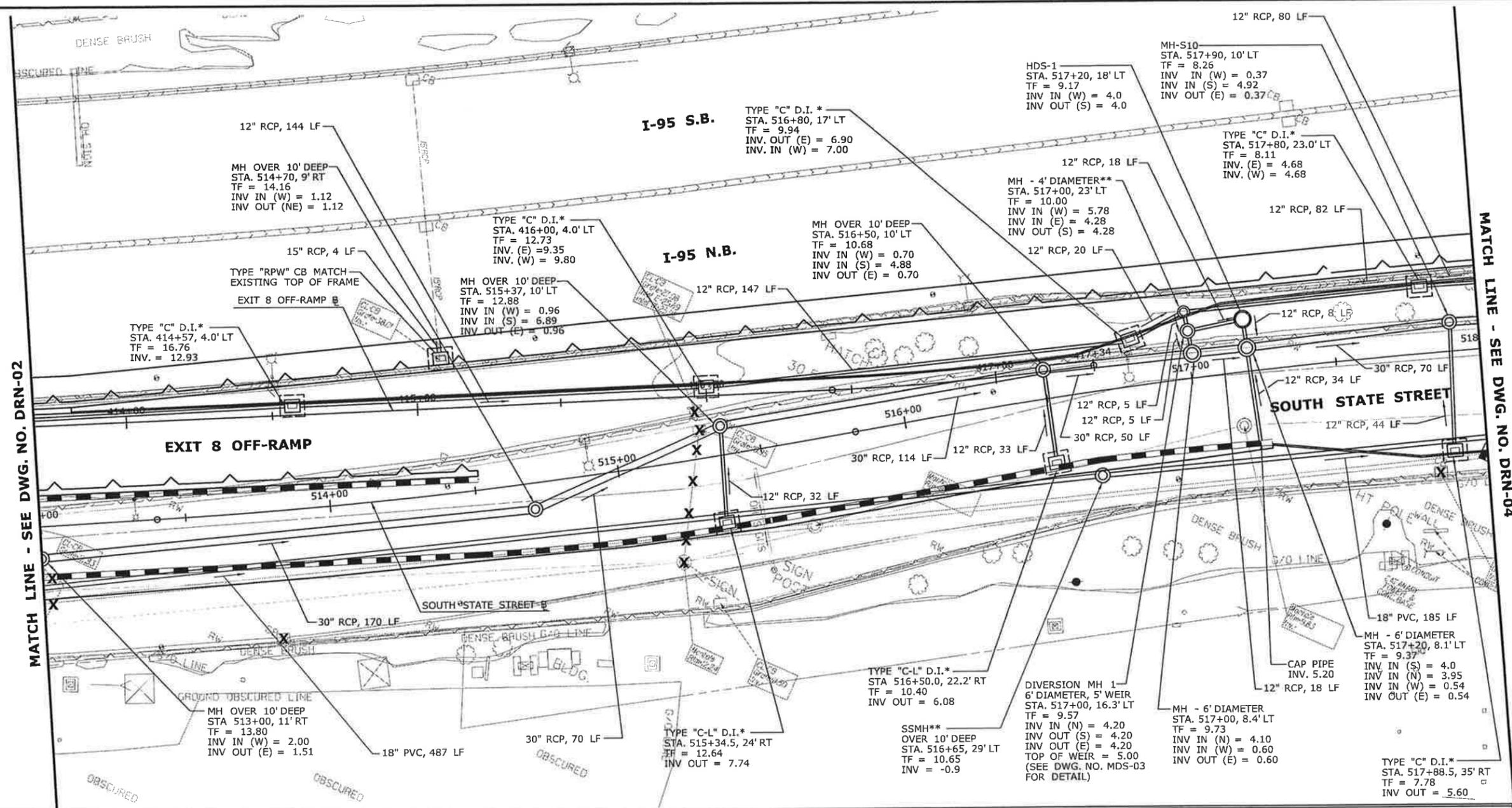
TOWN:
STAMFORD

DRAWING TITLE:
DRAINAGE & SANITARY SEWER PLAN

PROJECT NO.
135-326

DRAWING NO.
DRN-02

SHEET NO.



MATCH LINE - SEE DWG. NO. DRN-02

MATCH LINE - SEE DWG. NO. DRN-04

WATER (AQUARION)							
TEST PIT #	BASELINE		NORTHING	EASTING	GROUND ELEVATION	TOP OF UTILITY ELEVATION	RELOCATED ANTICIPATED
	STATION	OFFSET					
W-1	M 300+63.4	2.3' RT	579 126.1	782 383.4	14.1	10.3	YES
W-3	A 108+21.9	0.8' LT	579 217.4	782 303.3	15.3	11.0	YES
W-8	S 511+53.0	38.6' RT	579 275.3	782 412.5	14.6	11.1	YES

GAS (YANKEE GAS)							
TEST PIT #	BASELINE		NORTHING	EASTING	GROUND ELEVATION	TOP OF UTILITY ELEVATION	RELOCATED ANTICIPATED
	STATION	OFFSET					
G-1	M 300+63.4	2.3' RT	579 126.1	782 383.4	14.1	8.4	YES
G-4	S 511+53.0	41.2' RT	579 273.0	782 413.6	14.6	12.1	YES

ELECTRIC (CL&P)							
TEST PIT #	BASELINE		NORTHING	EASTING	GROUND ELEVATION	TOP OF UTILITY ELEVATION	RELOCATED ANTICIPATED
	STATION	OFFSET					
E-1	M 300+63.4	2.3' RT	579 126.1	782 383.4	14.1	12.8	YES
E-3	A 108+21.9	0.8' LT	579 217.4	782 303.3	15.3	13.1	YES

COMMUNICATIONS (MCI)							
TEST PIT #	BASELINE		NORTHING	EASTING	GROUND ELEVATION	TOP OF UTILITY ELEVATION	RELOCATED ANTICIPATED
	STATION	OFFSET					
* C-1	A 109+12.0	16.6' RT	579 309.6	782 293.8	18.7	15.9	YES

COMMUNICATIONS (AT&T)							
TEST PIT #	BASELINE		NORTHING	EASTING	GROUND ELEVATION	TOP OF UTILITY ELEVATION	RELOCATED ANTICIPATED
	STATION	OFFSET					
C-2	M 300+63.4	2.3' RT	579 126.1	782 383.4	14.1	10.8	YES
* C-4	A 109+12.0	16.6' RT	579 309.6	782 293.8	18.7	16.4	YES
C-5	A 108+21.9	0.8' LT	579 217.4	782 303.3	15.3	13.5	YES
C-6	A 108+21.9	0.8' LT	579 217.4	782 303.3	15.3	12.6	YES

* MCI AND AT&T CONDUITS IN SAME DUCT BANK.

LEGEND

X REMOVE EXISTING DRAINAGE FACILITY

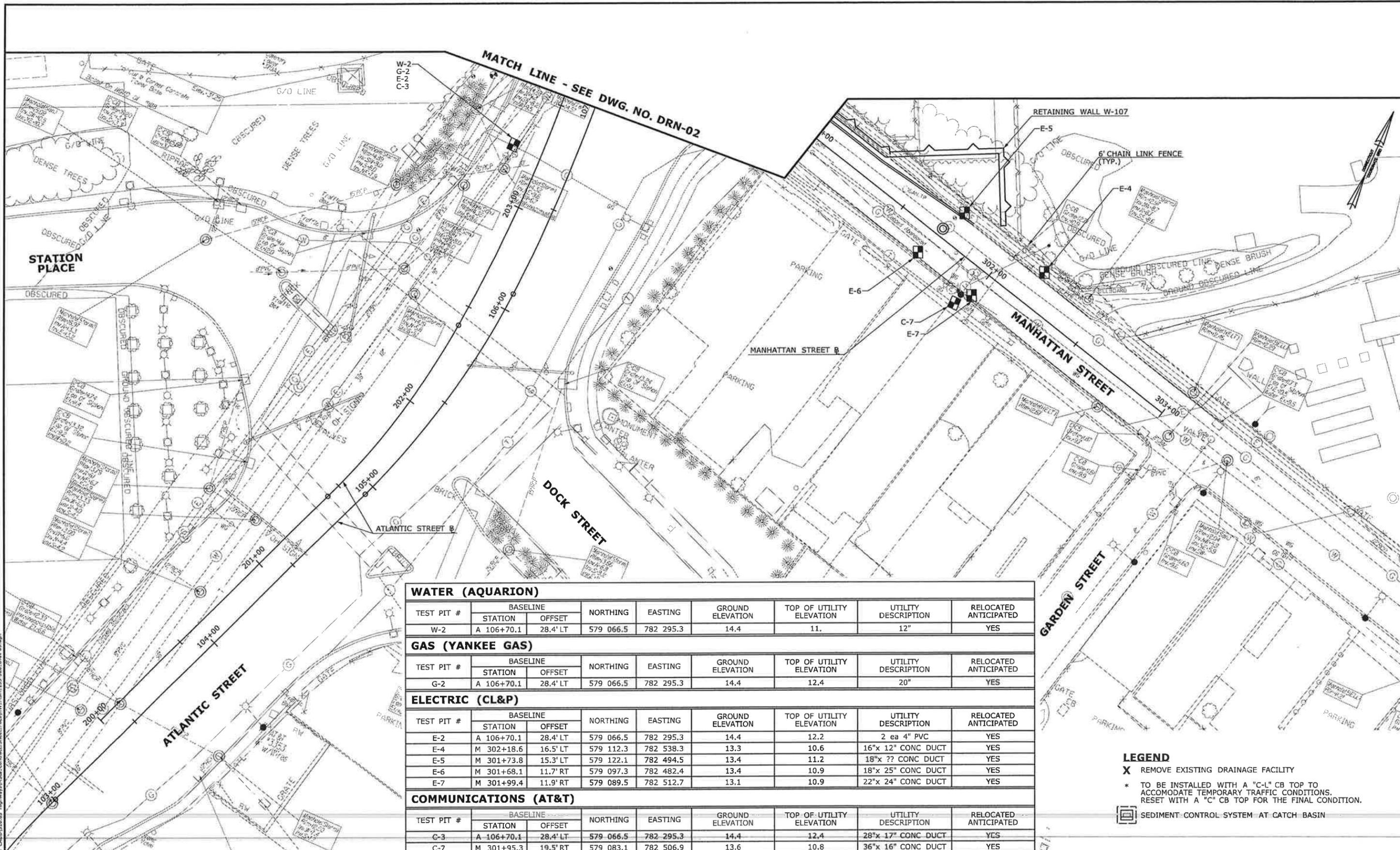
[Symbol] SEDIMENT CONTROL SYSTEM AT CATCH BASIN

* TO BE INSTALLED WITH A "C-L" CB TOP TO ACCOMMODATE TEMPORARY TRAFFIC CONDITIONS. RESET WITH A "C" CB TOP FOR THE FINAL CONDITION.

** SET TOP TO ACCOMMODATE TEMPORARY TRAFFIC. RESET TO PROPOSED ELEVATION FOR THE FINAL CONDITION.

6/8/2015 9:15:00 CADD-GIS-Graphics\1510_CADD\GIS\1510_03_Highways\1510_Contract_Sheet_Plan\1510-135-326-DRN-03.dgn

DESIGNER/DRAFTER: G. NASH/A. NATION	 STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	SIGNATURE/ BLOCK:	PROJECT TITLE: REPLACEMENT OF MNRR BRIDGE OVER ATLANTIC STREET - PHASE 1 I-95 NB EXIT 8 RAMP BRIDGE	TOWN: STAMFORD	PROJECT NO. 135-326	
CHECKED BY: J. KEEFE						DRAWING NO. DRN-03
SCALE IN FEET 0 20 40 SCALE 1"=20'	SHEET NO. _____		DRAWING TITLE: DRAINAGE & SANITARY SEWER PLAN		SHEET NO. _____	
REV. DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 6/8/2015	Filename: ...VIV_MSH_135-326-DRN-03.dgn		



6/8/2015 P:\1500 CAD-QIS-Graphic\1510 CAD\1510.03 Highway\MSA_Contract_Sheet_Files\HW_MSH_135-326_DRN-05.dgn

WATER (AQUARIUM)								
TEST PIT #	BASELINE		NORTHING	EASTING	GROUND ELEVATION	TOP OF UTILITY ELEVATION	UTILITY DESCRIPTION	RELOCATED ANTICIPATED
	STATION	OFFSET						
W-2	A 106+70.1	28.4' LT	579 066.5	782 295.3	14.4	11.	12"	YES

GAS (YANKEE GAS)								
TEST PIT #	BASELINE		NORTHING	EASTING	GROUND ELEVATION	TOP OF UTILITY ELEVATION	UTILITY DESCRIPTION	RELOCATED ANTICIPATED
	STATION	OFFSET						
G-2	A 106+70.1	28.4' LT	579 066.5	782 295.3	14.4	12.4	20"	YES

ELECTRIC (CL&P)								
TEST PIT #	BASELINE		NORTHING	EASTING	GROUND ELEVATION	TOP OF UTILITY ELEVATION	UTILITY DESCRIPTION	RELOCATED ANTICIPATED
	STATION	OFFSET						
E-2	A 106+70.1	28.4' LT	579 066.5	782 295.3	14.4	12.2	2 ea 4" PVC	YES
E-4	M 302+18.6	16.5' LT	579 112.3	782 538.3	13.3	10.6	16"x 12" CONC DUCT	YES
E-5	M 301+73.8	15.3' LT	579 122.1	782 494.5	13.4	11.2	18"x ?? CONC DUCT	YES
E-6	M 301+68.1	11.7' RT	579 097.3	782 482.4	13.4	10.9	18"x 25" CONC DUCT	YES
E-7	M 301+99.4	11.9' RT	579 089.5	782 512.7	13.1	10.9	22"x 24" CONC DUCT	YES

COMMUNICATIONS (AT&T)								
TEST PIT #	BASELINE		NORTHING	EASTING	GROUND ELEVATION	TOP OF UTILITY ELEVATION	UTILITY DESCRIPTION	RELOCATED ANTICIPATED
	STATION	OFFSET						
C-3	A 106+70.1	28.4' LT	579 066.5	782 295.3	14.4	12.4	28"x 17" CONC DUCT	YES
C-7	M 301+95.3	19.5' RT	579 083.1	782 506.9	13.6	10.8	36"x 16" CONC DUCT	YES

- LEGEND**
- X REMOVE EXISTING DRAINAGE FACILITY
 - * TO BE INSTALLED WITH A "C-L" CB TOP TO ACCOMMODATE TEMPORARY TRAFFIC CONDITIONS. RESET WITH A "C" CB TOP FOR THE FINAL CONDITION.
 - [Symbol] SEDIMENT CONTROL SYSTEM - AT CATCH BASIN

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 6/8/2015

DESIGNER/DRAFTER: G. NASH/A. NATION
 CHECKED BY: J. KEEFE
 SCALE IN FEET
 SCALE 1"=20'

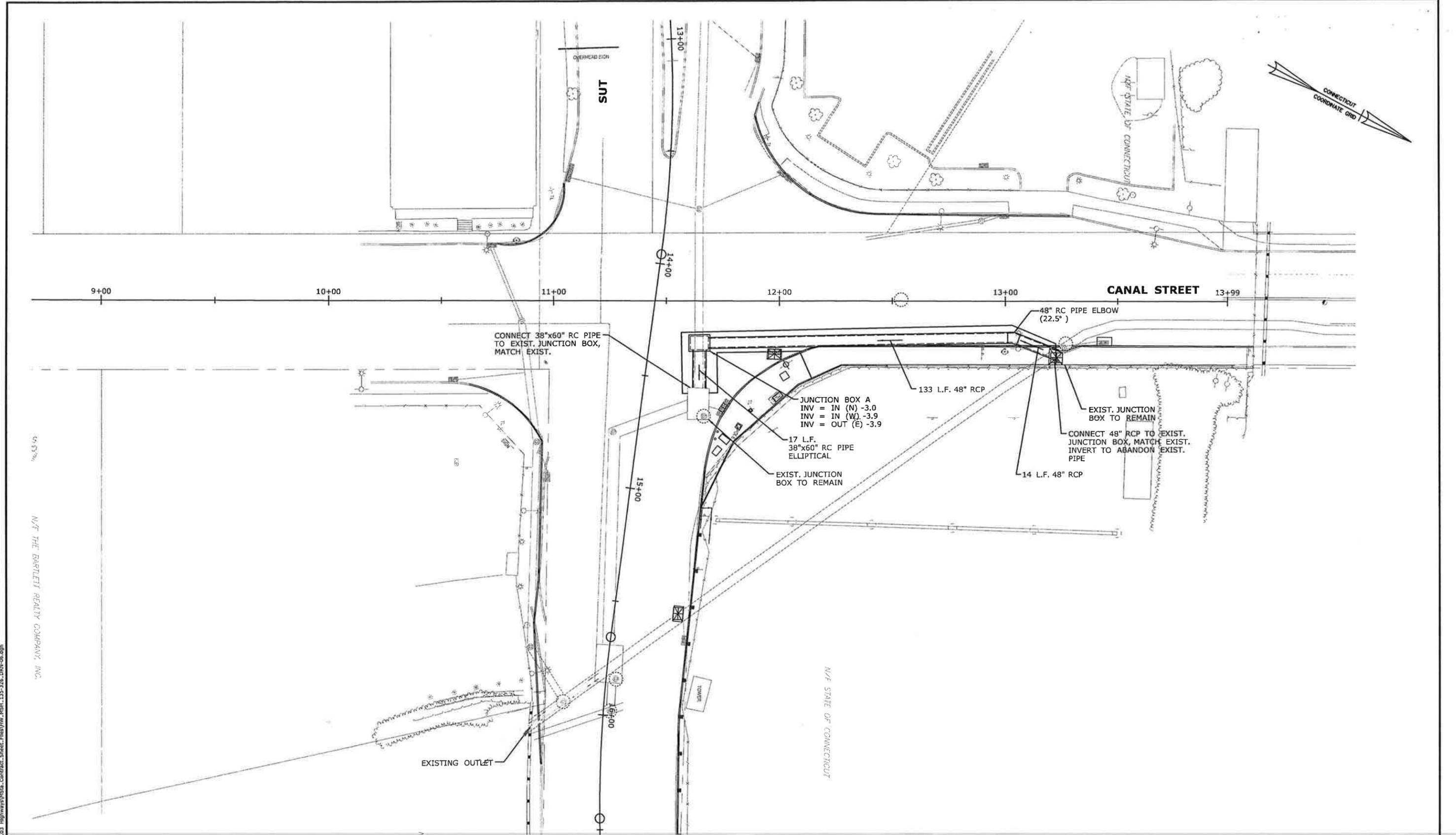
STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

SIGNATURE/BLOCK:
 PROJECT TITLE:

REPLACEMENT OF MNR BRIDGE OVER ATLANTIC STREET - PHASE 1
I-95 NB EXIT 8 RAMP BRIDGE

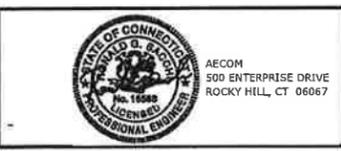
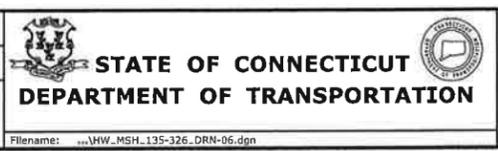
TOWN: **STAMFORD**
 DRAWING TITLE: **DRAINAGE & SANITARY SEWER PLAN**

PROJECT NO. **135-326**
 DRAWING NO. **DRN-05**
 SHEET NO.



REV.	DATE	REVISION DESCRIPTION	SHEET NO.

DESIGNER/DRAFTER:
P. GILKEY
CHECKED BY:
J. KEEFE
SCALE IN FEET
0 20 40
SCALE 1"=20'

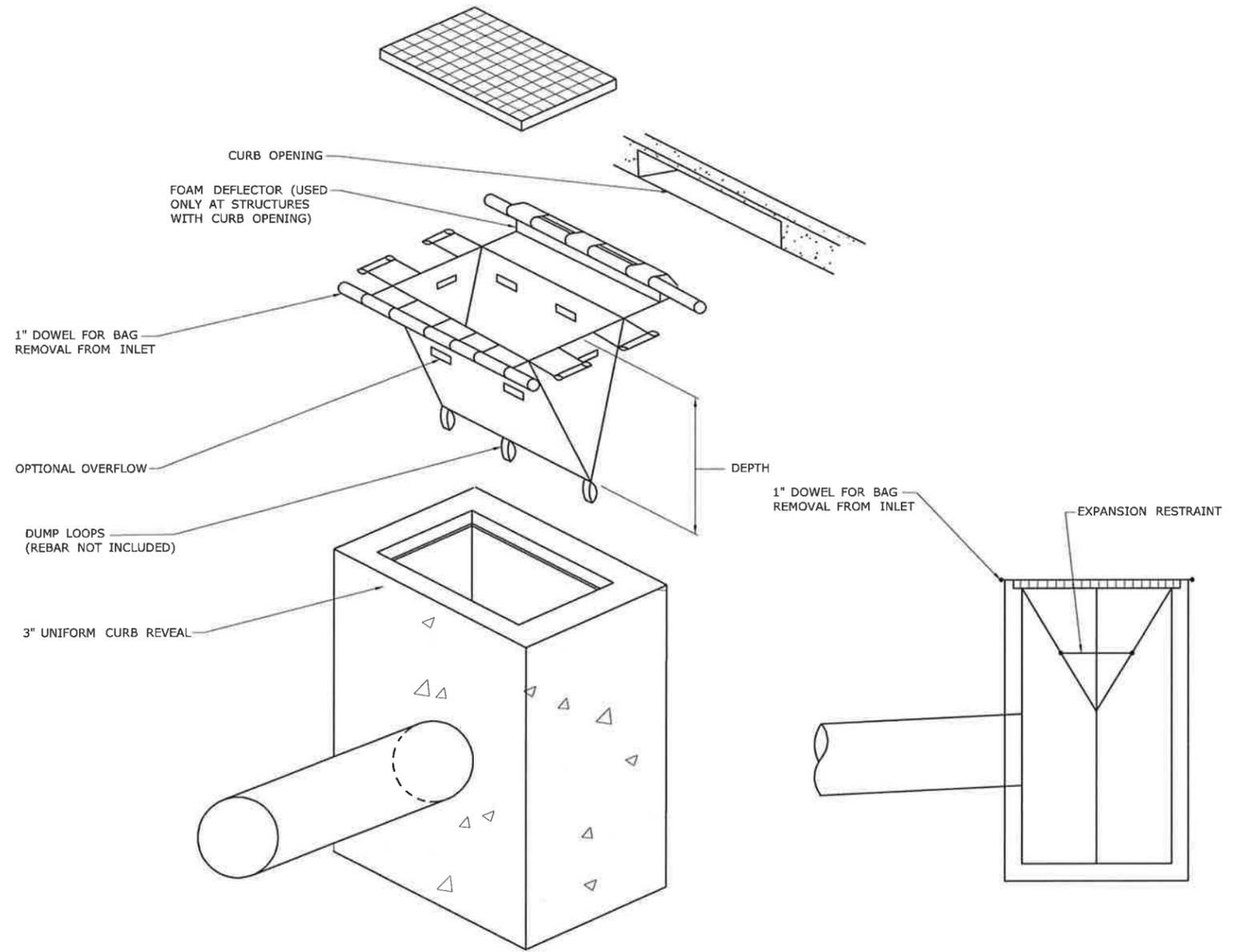


PROJECT TITLE:
**REPLACEMENT OF MNRR BRIDGE
OVER ATLANTIC STREET - PHASE 1
I-95 NB EXIT 8 RAMP BRIDGE**

TOWN:
STAMFORD
DRAWING TITLE:
**DRAINAGE & SANITARY
SEWER PLAN**

PROJECT NO.
135-326
DRAWING NO.
DRN-06
SHEET NO.
03.044

6/18/2015 P:\300 C:\DWG-CIS-Graphic\1510 CAD\DWG\1003 Highways\MSA Contract Sheet Files\HW_MSH_135-326_DRN-06.dgn



SEDIMENTATION CONTROL AT CATCH BASIN

FINAL DESIGN FOR REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted Date: 3/24/2015

DESIGNER/DRAWER:
P. GILKEY
CHECKED BY:
J. KEEFE
SCALE AS NOTED



SIGNATURE/
BLOCK:

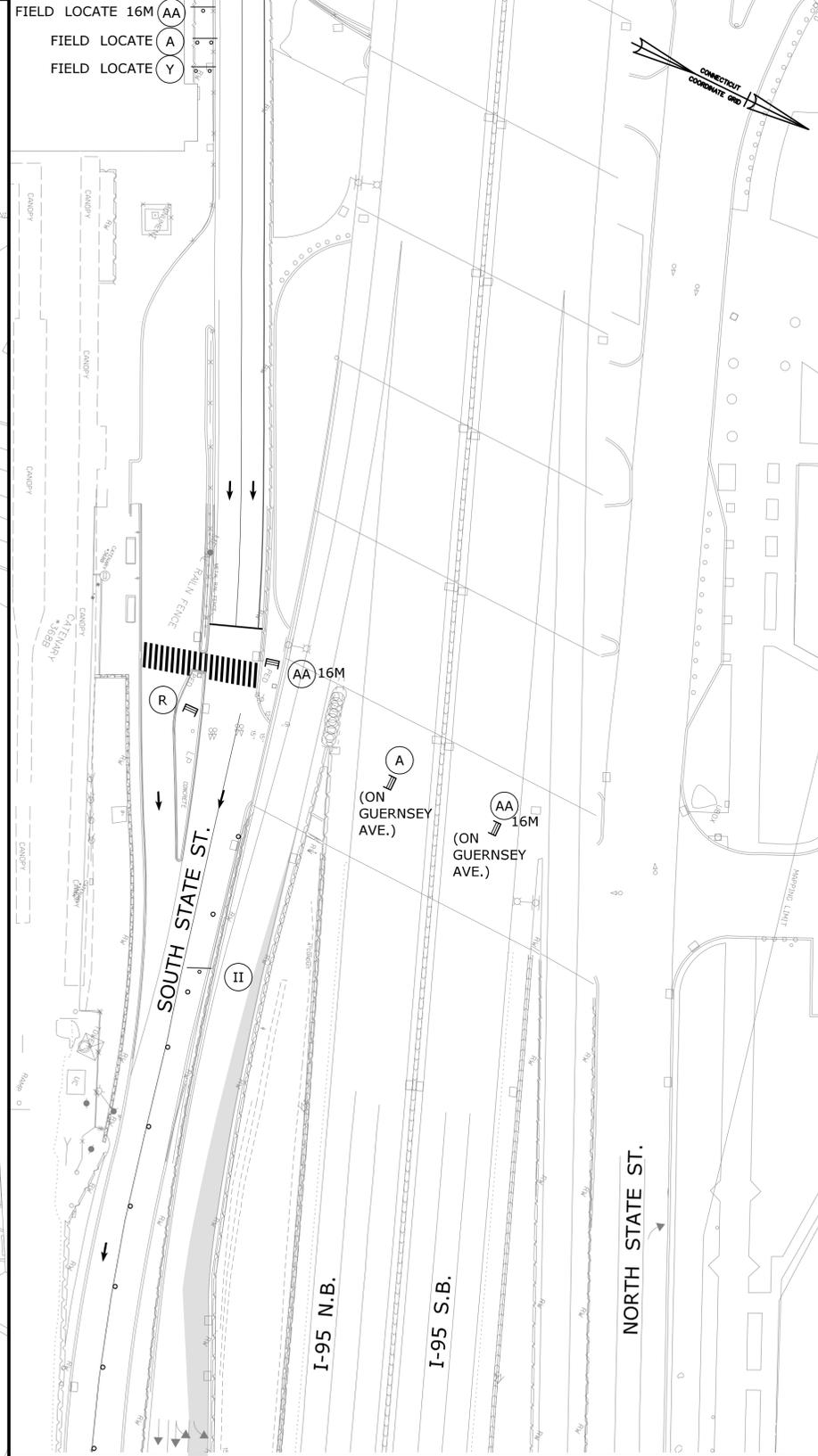
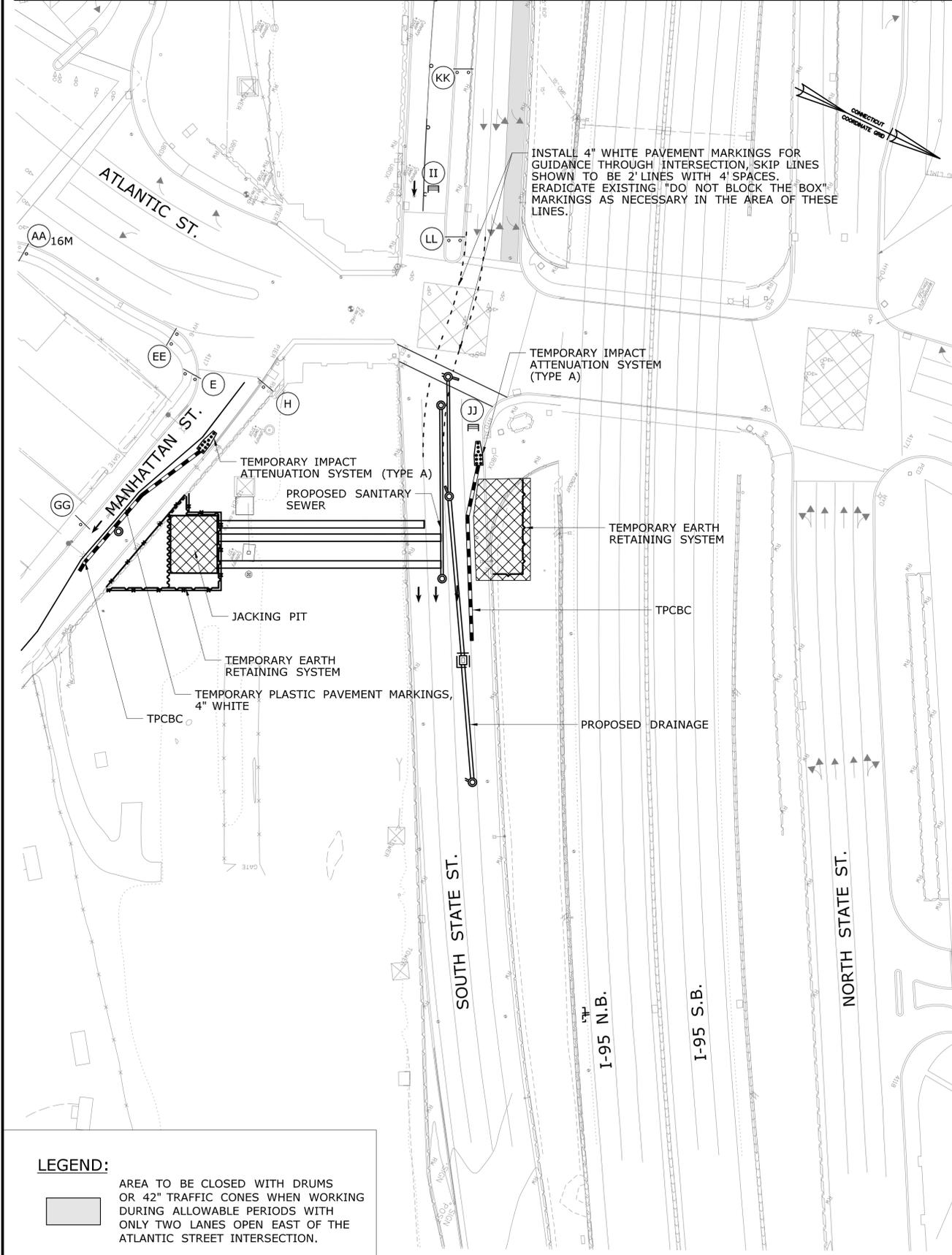
PROJECT TITLE:
**REPLACEMENT OF MNRR BRIDGE
OVER ATLANTIC STREET - PHASE 1
I-95 NB EXIT 8 RAMP BRIDGE**

TOWN:
STAMFORD
DRAWING TITLE:
MISCELLANEOUS DETAILS

PROJECT NO.
135-326
DRAWING NO.
MDS-01
SHEET NO.
01.03.010

3/24/2015 P:\500 CAD-DWG-Graebob\510 CAD\01510.03 Highway\WSpa_Connect_Sheet_Plot\W_MSH_135-326_MDS-01.dgn

MATCH LINE - SEE THIS SHEET



MATCH LINE - SEE THIS SHEET

WORK THIS STAGE TO INCLUDE:

1. INSTALL TEMPORARY EARTH RETAINING SYSTEM ADJACENT TO MANHATTAN STREET.
2. REMOVE EXISTING RETAINING WALL ADJACENT TO MANHATTAN STREET.
3. INSTALL TEMPORARY EARTH RETAINING SYSTEM FOR JACKING PIT.
4. EXCAVATE JACKING PIT.
5. JACK AND BORE PIPES.
6. BACKFILL JACKING PIT AND REMOVE TEMPORARY EARTH RETAINING SYSTEM.
7. INSTALL ERS ADJACENT TO SOUTH STATE STREET.
8. REMOVE EXISTING RETAINING WALL ADJACENT TO SOUTH STATE STREET.
9. EXCAVATE AND RESTORE AREA BETWEEN SOUTH STATE STREET AND ERS TO STREET LEVEL.
10. INSTALL FENCE AND GATE ADJACENT TO MANHATTAN STREET AND AROUND THE PROPOSED EARTH RETAINING SYSTEM TO REMAIN.

SANITARY SEWER AND DRAINAGE:

SANITARY SEWER:

1. CONSTRUCT MANHOLE AND PIPE STATION 510+77 TO 511+77 RIGHT PRIOR TO JACKING UTILITY CORRIDOR PIPES (MAINTAIN ONE LANE OF TRAFFIC DURING OFF PEAK HOURS)
2. CONSTRUCT PIPE FROM MANHOLE AT STATION 511+77 RIGHT TO MANHOLE AT STATION 516+65 RIGHT (MAINTAIN ONE LANE OF TRAFFIC DURING OFF PEAK HOURS)
3. MAINTAIN EXISTING SANITARY SEWER IN SOUTH STATE STREET (PROVIDE PIPE BYPASS AROUND THE PROPOSED MANHOLE AT STATION 511+77 TO MAINTAIN THE EXISTING SANITARY SEWER IF REQUIRED).

DRAINAGE:

4. CONSTRUCT MANHOLE AND PIPE STATION 511+37 TO 513+00 RIGHT PRIOR TO JACKING UTILITY CORRIDOR PIPES (MAINTAIN ONE LANE OF TRAFFIC DURING OFF PEAK HOURS).
5. CONSTRUCT PIPE FROM MANHOLE AT STATION 513+00 RIGHT TO MANHOLE AT STATION 514+70 RIGHT (MAINTAIN ONE LANE OF TRAFFIC DURING OFF PEAK HOURS).
6. MAINTAIN EXISTING DRAINAGE IN SOUTH STATE STREET.

NOTES:

1. FLAGGER WILL CONTROL TRAFFIC WHILE TRUCKS ARE ENTERING AND EXITING

LEGEND:



AREA TO BE CLOSED WITH DRUMS OR 42" TRAFFIC CONES WHEN WORKING DURING ALLOWABLE PERIODS WITH ONLY TWO LANES OPEN EAST OF THE ATLANTIC STREET INTERSECTION.

6/18/2015 P:\300 CAD-D-GIS-Graphics\510 CAD\510.03 Highways\MSA-Contract-Sheet-Files\HW_MSH_135-326-STG-01-1.dgn

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: 6/18/2015

DESIGNER/DRAFTER:
A. MOROSKY/G. HRICKO

CHECKED BY:
J. KEEFE

SCALE IN FEET

0 40 80

SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

File name: ...HW_MSH_135-326-STG-01-1.dgn

PROFESSIONAL ENGINEER

AEOM
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

PROJECT TITLE:
REPLACEMENT OF MNRB BRIDGE OVER ATLANTIC STREET - PHASE 1 I-95 NB EXIT 8 RAMP BRIDGE

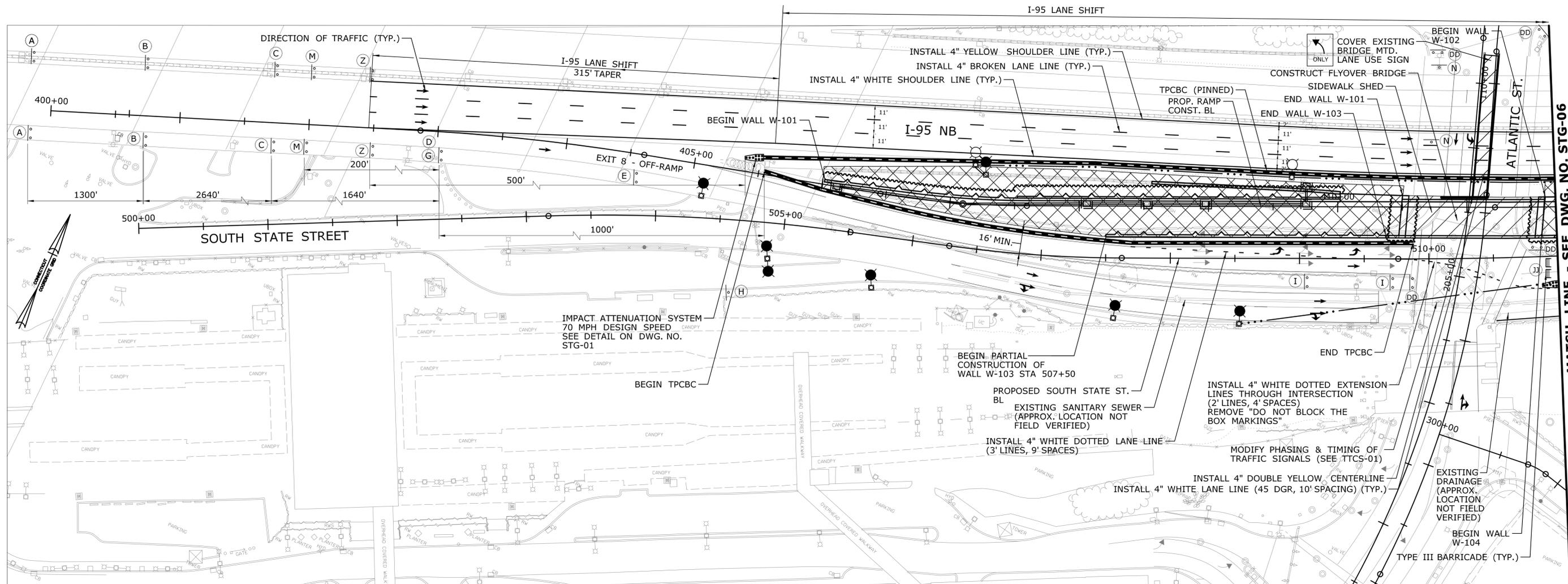
TOWN:
STAMFORD

DRAWING TITLE:
M&PT-STAGE 1

PROJECT NO.
135-326

DRAWING NO.
STG-04

SHEET NO.
04.015



MATCH LINE - SEE DWG. NO. STG-06

WORK THIS STAGE TO INCLUDE:

1. CONSTRUCT WALL W-101 (CLOSE I-95 SHOULDER).
2. CONSTRUCT WALL W-102 (CLOSE I-95 SHOULDER).
3. CONSTRUCT WALL W-103 FROM STA 507+50 TO STA 509+67.
4. CONSTRUCT WALL W-104.
5. CONSTRUCT FLYOVER RAMP BRIDGE.
6. MODIFY LAYOUT, PHASING & TIMING OF TRAFFIC SIGNALS AT ATLANTIC STREET AND SOUTH STATE STREET.
7. CONSTRUCT DRAINAGE ON RAMP.
8. CONSTRUCT DRAINAGE ON SOUTH STATE STREET FROM STA. 512+00+/- EAST WITHIN LIMITS OF WORK.
9. I-95 LANES SHIFT WILL BE IN PLACE FOR THE CONSTRUCTION DURATION OF THE MOMENT SLAB FOR WALL W-101 AND WALL W-102.
10. REMOVE EXISTING PAVEMENT MARKINGS. INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN.
11. INSTALL SIGNS AS SHOWN. COVER EXISTING CONFLICTING SIGNS.

SANITARY SEWER AND DRAINAGE:

- SANITARY SEWER:**
1. CONSTRUCT MANHOLE AND PIPE STATION 506+80 TO 510+77 RIGHT PRIOR TO JACKING UTILITY CORRIDOR PIPES (MAINTAIN ONE LANE OF TRAFFIC DURING OFF PEAK HOURS ON SOUTH STATE STREET AND ALTERNATING ONE WAY TRAFFIC ON ATLANTIC STREET DURING OFF PEAK HOURS).
 2. REMOVE CITY CAMERA POLE IN THE RAMP MEDIAN ISLAND STATION 509+70 RIGHT.
 3. MAINTAIN EXISTING SANITARY SEWER IN SOUTH STATE STREET.
- DRAINAGE:**
4. FOR WALL 101 CONSTRUCTION PROVIDE TEMPORARY CONNECTION FOR I-95 DRAINAGE STATION 409+40 LEFT
 5. CONSTRUCT THE RAMP DRAINAGE COMPLETE.
 6. CONSTRUCT SOUTH STATE STREET TRUNK LINE FROM MANHOLE AT STATION 514+70 TO CANAL STREET.
 7. INSTALL CATCH BASIN PIPE LATERALS TO THE PROPOSED BARRIER CURB AND STUB ENDS BETWEEN STATION 515+00 TO CANAL STREET (IN CUT AREAS INSTALL TEMPORARY CATCH BASIN TO GRADE).
 8. INSTALL TEMPORARY CATCH BASIN FOR LOW POINT AT STATION 512+27.
 9. MAINTAIN EXISTING DRAINAGE IN SOUTH STATE STREET.

TRAFFIC THIS STAGE TO INCLUDE:

- * EXISTING NB OFF RAMP WITH MIN. WIDTH OF 16' FT.
- * EXISTING SOUTH STATE ST.
- * EXISTING ATLANTIC ST.
- * TEMPORARY SIGNALIZATION AT: ATLANTIC ST. AND SOUTH STATE ST. SOUTH STATE ST. AND CANAL ST.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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DESIGNER/DRAFTER:
S. MAHAJAN/G. HRICKO
CHECKED BY:
J. KEEFE
SCALE IN FEET
0 40 80
SCALE 1"=40'

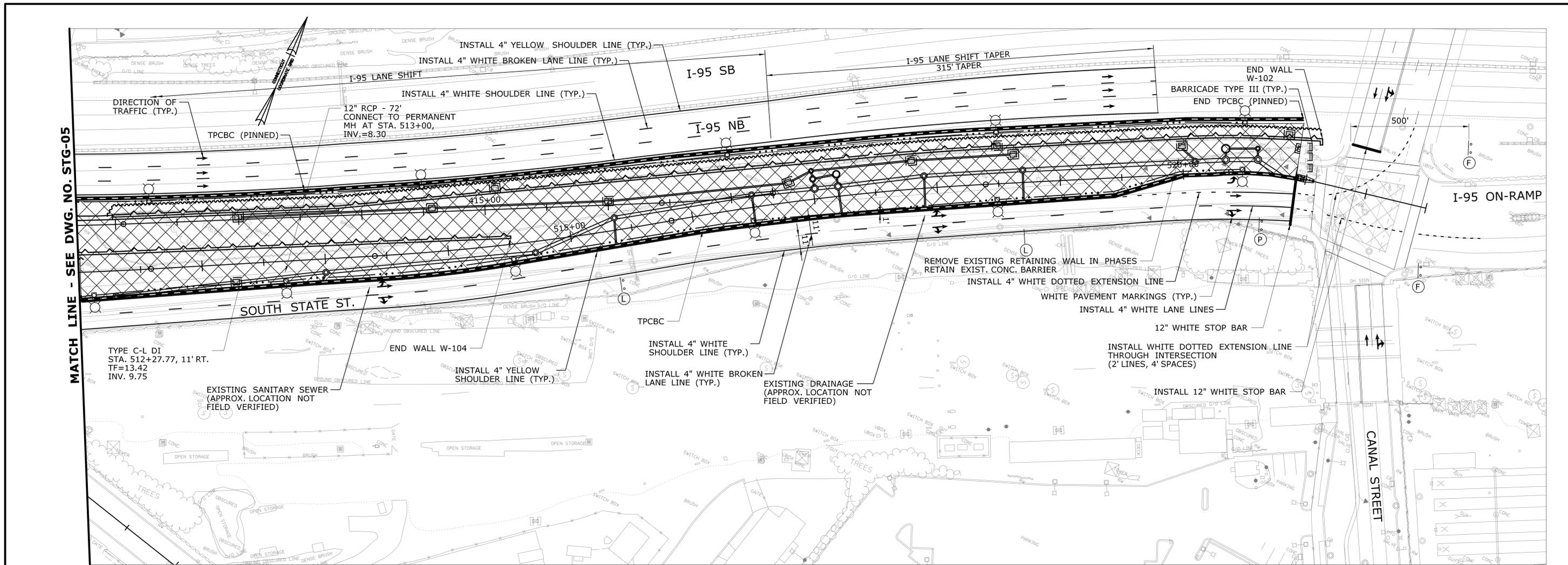


SIGNATURE/
BLOCK:
AECOM
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

PROJECT TITLE:
**REPLACEMENT OF MNRR BRIDGE
OVER ATLANTIC STREET - PHASE 1
I-95 NB EXIT 8 RAMP BRIDGE**

TOWN:
STAMFORD
DRAWING TITLE:
M&PT-STAGE 2

PROJECT NO.
135-326
DRAWING NO.
STG-05
SHEET NO.
04.016



MATCH LINE - SEE DWG. NO. STG-05

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/17/2015

DESIGNER/DRAFTER:
S. MAHAJAN/G. HRICKO

CHECKED BY:
J. KEEFE

SCALE IN FEET
0 40 80
SCALE 1"=40'


STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

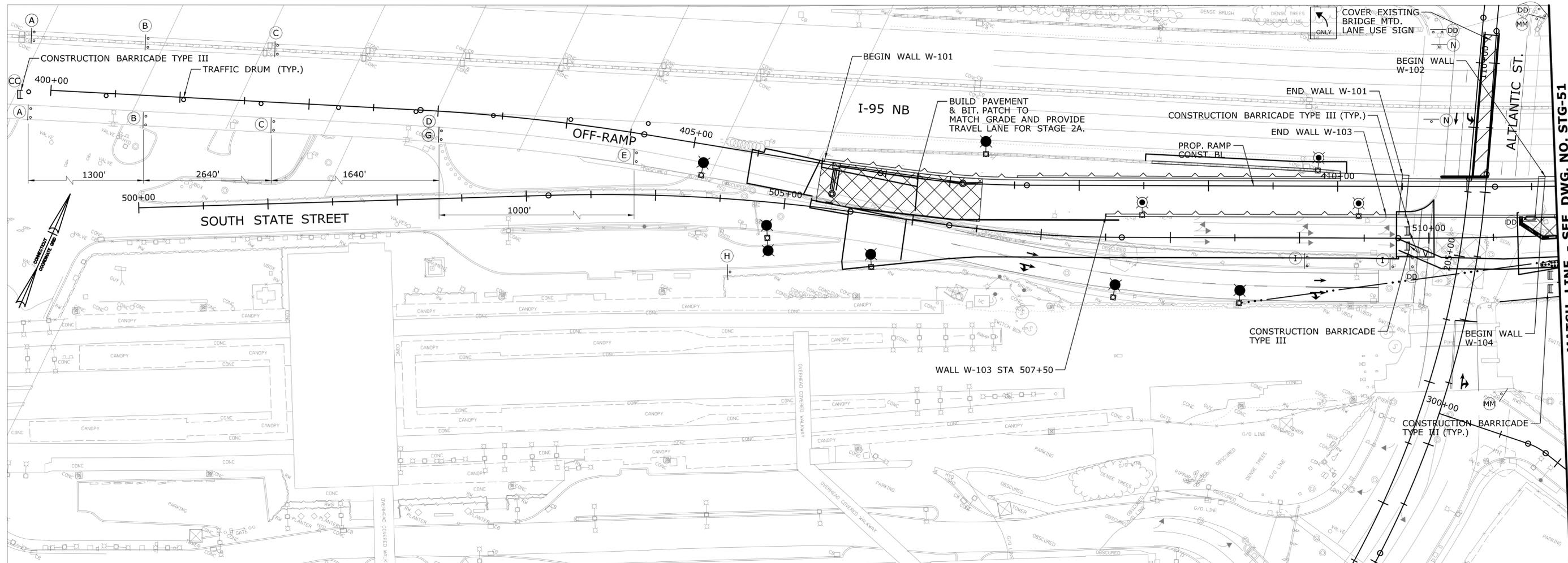
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SIGNATURE/
BLOCK:


 AECOM
 500 ENTERPRISE DRIVE
 ROCKY HILL, CT 06067

PROJECT TITLE:
**REPLACEMENT OF MNRR BRIDGE
 OVER ATLANTIC STREET - PHASE 1
 I-95 NB EXIT 8 RAMP BRIDGE**

TOWN: STAMFORD	PROJECT NO. 135-326
DRAWING TITLE: M&PT-STAGE 2	DRAWING NO. STG-06
	SHEET NO. 04.017



MATCH LINE - SEE DWG. NO. STG-51

WORK THIS STAGE TO INCLUDE:

1. INSTALL RAMP CLOSURE SIGNAGE - SEE DETOUR PLAN DTR-01 FOR EXIT 8 RAMP CLOSURE
2. SHUT DOWN RAMP TO INSTALL BITUMINOUS OVERLAY FROM END OF EXISTING VIADUCT TO STA. 407+25 TO MATCH TRANSITION GRADE (OFF PEAK TRAFFIC PERIOD).
3. CONSTRUCT SOUTH STATE STREET CENTER LANE AND DRAINAGE AT APPROACH TO CANAL STREET FROM STA. 519+50 TO STA. 521+00 (MAINTAIN 2 LANES OF TRAFFIC DURING THIS WORK).
4. CONSTRUCT TEMPORARY MIDBLOCK SIGNAL FOR RAMP & SOUTH STATE STREET.
5. SHIFT TRAFFIC ON NEW SOUTH STATE STREET TO INSTALL MAST ARM AT THE INTERSECTION OF SOUTH STATE STREET AND ATLANTIC STREET.
6. REMOVE TEMPORARY SIGNAL POLE AND CONSTRUCT SOUTH STATE STREET FROM STA. 510+65 +/- TO STA. 511+00 +/- . MAINTAIN TRAFFIC USING TEMPORARY TRAFFIC CONTROL TCS-05.

TRAFFIC THIS STAGE TO INCLUDE:

- * EXISTING SOUTH STATE ST.
- * EXISTING ATLANTIC ST.
- * TEMPORARY SIGNALIZATION AT:
ATLANTIC ST. AND SOUTH STATE ST.
SOUTH STATE ST. AND OFF-RAMP
SOUTH STATE ST. AND CANAL ST.

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.

DESIGNER/DRAFTER:
S. MAHAJAN/G. HRICKO
CHECKED BY:
J. KEEFE
SCALE IN FEET
0 40 80
SCALE 1"=40'


STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



Filename: ...\\HW_MSH-135-326-STG-02A-1.dgn

SIGNATURE/
BLOCK:


 AECOM
 500 ENTERPRISE DRIVE
 ROCKY HILL, CT 06067

PROJECT TITLE:
REPLACEMENT OF MNRR BRIDGE OVER ATLANTIC STREET - PHASE 1 I-95 NB EXIT 8 RAMP BRIDGE

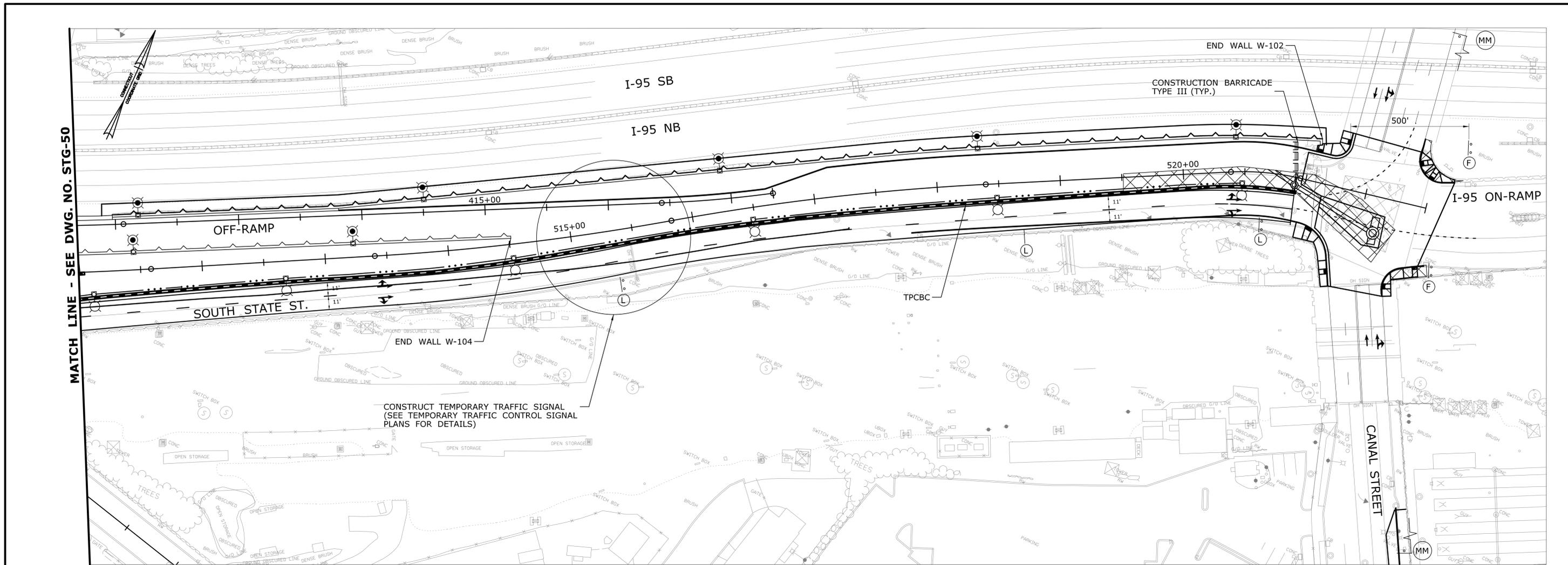
TOWN:
STAMFORD

DRAWING TITLE:
M&PT-STAGE 2A

PROJECT NO.
135-326

DRAWING NO.
STG-50

SHEET NO.
04.061



MATCH LINE - SEE DWG. NO. STG-50

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: 6/17/2015

DESIGNER/DRAFTER:
S. MAHAJAN/G. HRICKO

CHECKED BY:
J. KEEFE

SCALE IN FEET
0 40 80
SCALE 1"=40'


STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Signature Block: _____

File name: ...HW_MSH-135-326-STG-02A-2.dgn

SIGNATURE/BLOCK:


 AECOM
 500 ENTERPRISE DRIVE
 ROCKY HILL, CT 06067

PROJECT TITLE:
REPLACEMENT OF MNRR BRIDGE OVER ATLANTIC STREET - PHASE 1 I-95 NB EXIT 8 RAMP BRIDGE

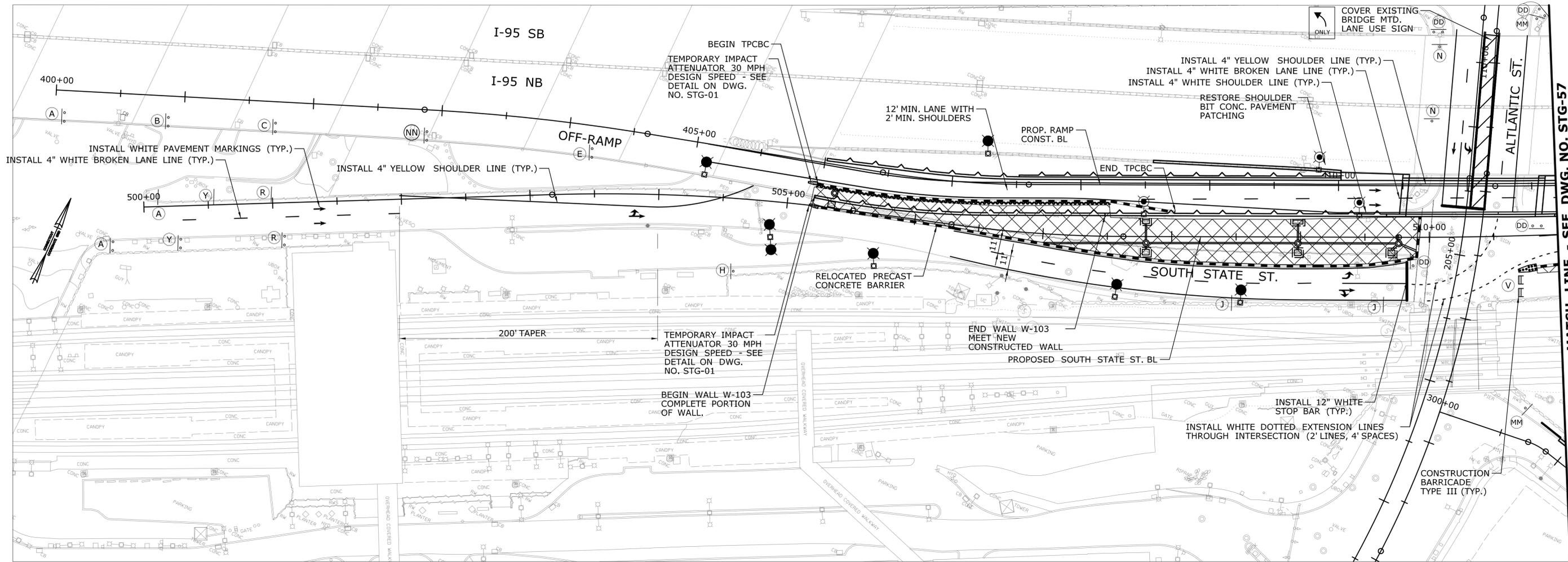
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STAMFORD

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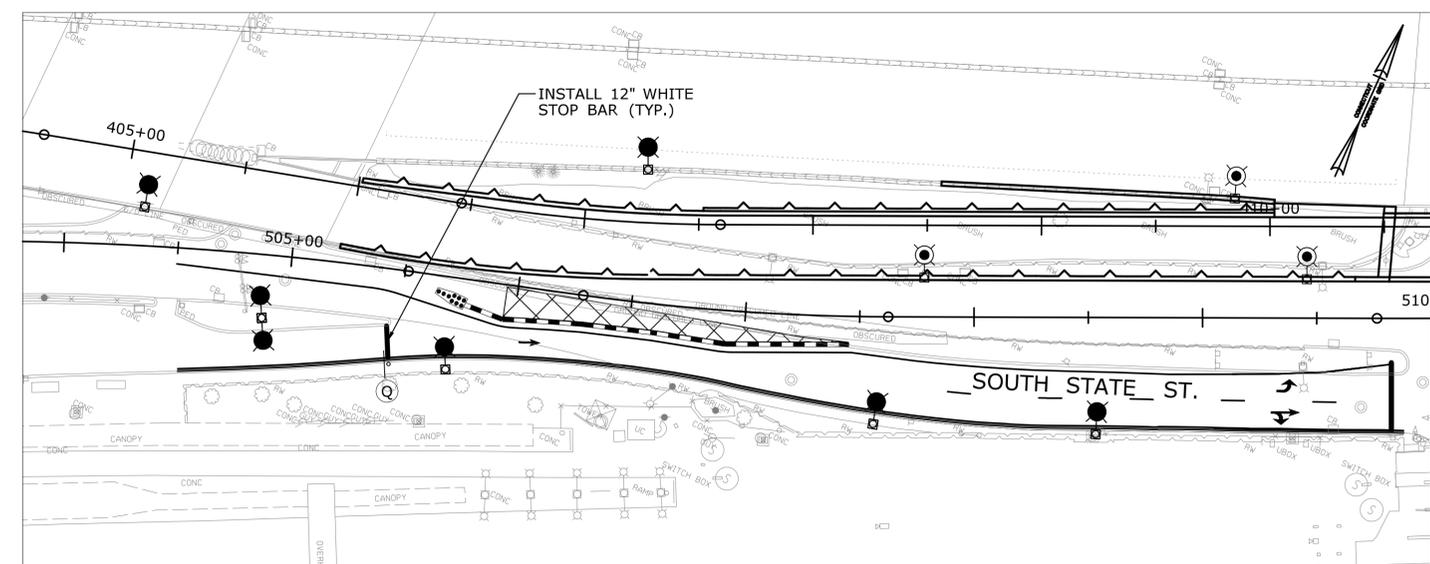
PROJECT NO.
135-326

DRAWING NO.
STG-51

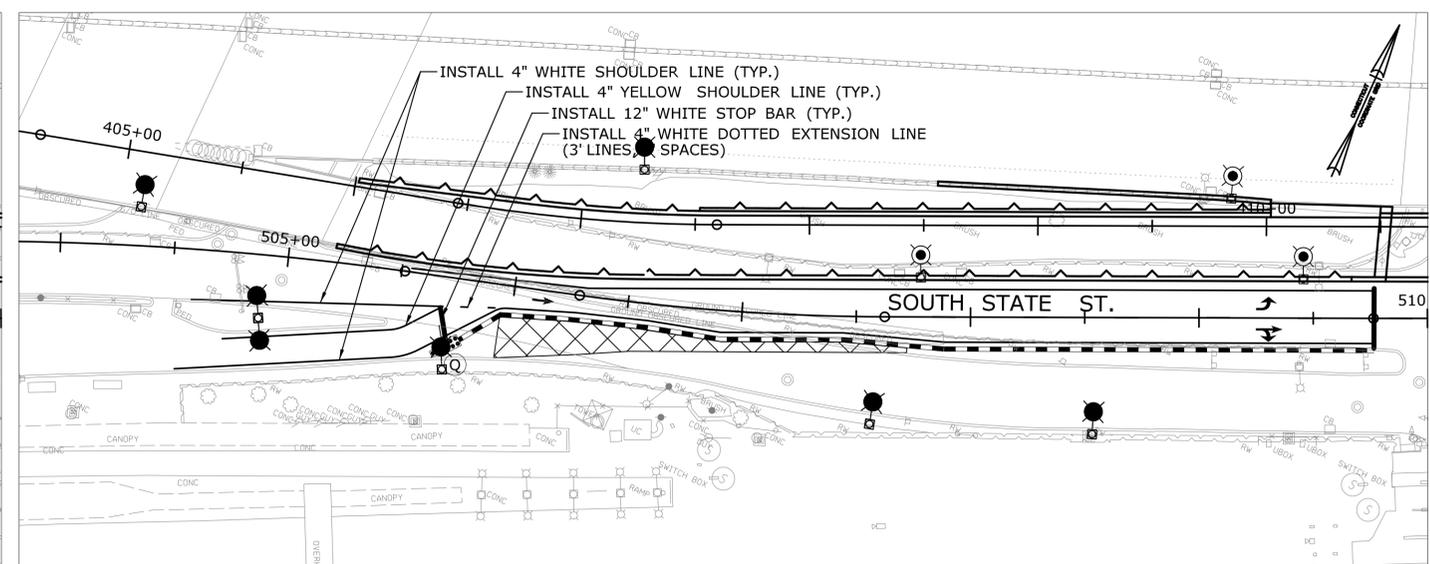
SHEET NO.
04.062



M&PT STAGE 3



M&PT STAGE 3A



M&PT STAGE 3B

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.

DESIGNER/DRAFTER:
S. MAHAJAN/G. HRICKO
CHECKED BY:
J. KEEFE
SCALE IN FEET
0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Plotted Date: 6/17/2015
Filename: ...HW_MSH-135-326-STG-03-1.dgn

SIGNATURE/
BLOCK:

AECOM
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

PROJECT TITLE:
**REPLACEMENT OF MNRB BRIDGE
OVER ATLANTIC STREET - PHASE 1
I-95 NB EXIT 8 RAMP BRIDGE**

TOWN:
STAMFORD

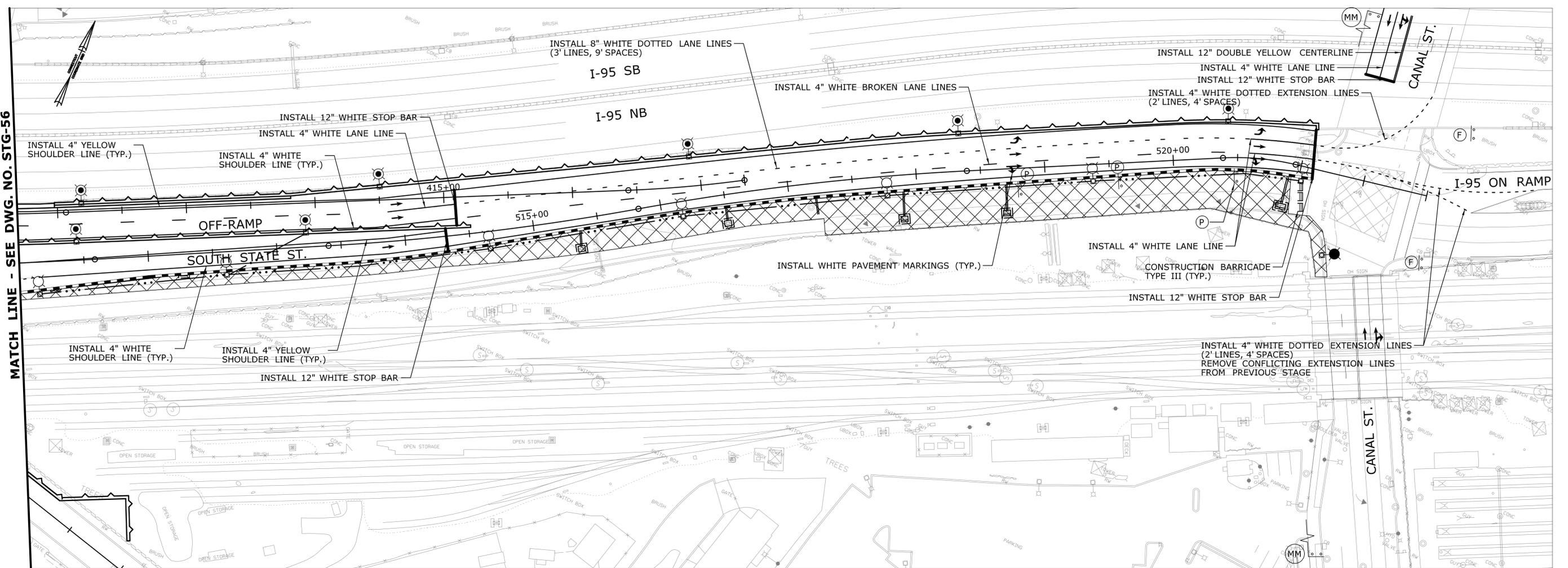
DRAWING TITLE:
M&PT-STAGE 3, 3A & 3B

PROJECT NO.
135-326

DRAWING NO.
STG-56

SHEET NO.
04.067

MATCH LINE - SEE DWG. NO. STG-56



STAGE 3

WORK THIS STAGE TO INCLUDE:

1. MODIFY LAYOUT, PHASING & TIMING OF EXISTING TRAFFIC SIGNALS FOR SOUTH STATE ST. AND ATLANTIC ST. TRAFFIC.
2. SHIFT THE RAMP TRAFFIC TO THE NEW FLYOVER BRIDGE RAMP
3. CONSTRUCT THE REMAINING PORTION OF WALL W-103 FROM STA. 505+20 TO STA. 507+50.
5. DEMOLISH REMAINING EMBANKMENT OF EXISTING RAMP.
6. OPEN MIDBLOCK TRAFFIC SIGNAL FOR THE OFF RAMP TRAFFIC AND SOUTH STATE TRAFFIC.
7. CONSTRUCT SOUTH STATE STREET TRUNK LINE AND SEWER, STA. 510+00 TO STA. 512+00 +/- (DURING OFF PEAK TRAFFIC PERIODS- OPEN ROADWAY TO FULL WIDTH DURING PEAK HOURS). CATCH BASIN IN SOUTH STATE STREET EAST OF ATLANTIC STREET TO HAVE TEMPORARY C-L TOPS.
8. REVISE SIGNING AND PAVEMENT MARKINGS FOR THIS STAGE AS SHOWN. COVER EXISTING CONFLICTING SIGNS.
9. CONSTRUCT SIDEWALK RAMPS AT THE NORTHWEST CORNER OF CANAL STREET AND SOUTH STATE STREET INTERSECTION; MAINTAIN PEDESTRIAN TRAFFIC DURING CONSTRUCTION.
10. CONSTRUCT TRAFFIC EQUIPMENT ON THE NORTHWEST CORNER OF CANAL STREET AND SOUTH STATE STREET INTERSECTION AS SHOWN ON THE TRAFFIC SIGNAL PLANS.
11. CURBING ON THE NORTH SIDE OF SOUTH STATE STREET WILL BE CONSTRUCTED AFTER STAGE 3 WORK IS COMPLETED AND PROPOSED LANES ARE UNDER OPERATION.

SANITARY SEWER AND DRAINAGE:

- SANITARY SEWER:**
1. CONSTRUCT SANITARY SEWER FROM MANHOLE STATION 516+65 TO CANAL STREET AND CONNECT TO EXISTING SYSTEM IN CANAL STREET. ABANDON EXISTING SOUTH STATE STREET SYSTEM AFTER NEW SYSTEM IS ACTIVE.
- DRAINAGE:**
2. CONSTRUCT SOUTH STATE STREET TRUNK LINE FROM MANHOLE AT STATION 506+80 TO MANHOLE STATION 511+30 (CONSTRUCTED IN STAGE 1). MAINTAIN ALTERNATING ONE WAY TRAFFIC ON ATLANTIC STREET DURING OFF PEAK HOURS).
 3. INSTALL TEMPORARY CATCH BASIN FOR LOW POINT AT STATION 509+17.
 4. INSTALL CATCH BASINS IN SOUTH STATE STREET STATION 515+35 TO CANAL STREET FROM THE STUB LEFT IN STAGE 2. TEMPORARY CATCH BASINS INSTALLED AT THE STUB LIMIT TO BE REMOVED).
 5. MAINTAIN EXISTING DRAINAGE IN SOUTH STATE STREET.

TRAFFIC THIS STAGE TO INCLUDE:

- * NEW EXIT 8 OFF-RAMP.
- * EXISTING SOUTH STATE ST. (TWO LANES OPEN TO TRAFFIC, STA. 505+00 TO STA. 512+00)
- * EXISTING ATLANTIC ST.
- * TEMPORARY SIGNALIZATION AT: ATLANTIC ST. AND SOUTH STATE ST. RAMP AND SOUTH STATE ST. MERGE

STAGE 3A AND STAGE 3B

WORK THIS STAGE TO INCLUDE:

1. CONSTRUCT THE REMAINING PORTION OF SOUTH STATE STREET FROM STA. 505+95 TO STA. 507+50+/- MAINTAINING ONE TRAVEL LANE ON SOUTH STATE STREET AT ALL TIMES.
2. REVISE SIGNING AND PAVEMENT MARKINGS FOR THIS STAGE AS SHOWN. COVER EXISTING CONFLICTING SIGNS.
