



REPLY TO  
ATTENTION OF

CERTIFIED MAIL- RETURN RECEIPT REQUESTED

**DEPARTMENT OF THE ARMY**  
PHILADELPHIA DISTRICT CORPS OF ENGINEERS  
WANAMAKER BUILDING, 100 PENN SQUARE EAST  
PHILADELPHIA, PENNSYLVANIA 19107-3390

Regulatory Branch  
Application Section II

**MAY 15 2019**

**SUBJECT:** CENAP-OP-R-2011-01085-95 (NWP#23)  
New Jersey Department of Transportation – Route 295/Route 42 Missing Moves  
Project at Big Timber Creek and Delaware River Watershed; Bellmawr and  
Runnemede Boroughs in Camden County; and Westville Borough and Deptford  
Township in Gloucester County, New Jersey.  
Latitude: 39.861506°N, Longitude: -75.115597°W

Ms. Brenna N. Fairfax  
New Jersey Department of Transportation  
Bureau of Landscape Architecture and Environmental Solutions  
P.O. Box 600  
Trenton, New Jersey 08625

Dear Ms. Fairfax:

This is in regard to your proposal to construct the Federal Highway Administration-funded roadway improvement project known as “Route 295/Route 42 Missing Moves”; located at Big Timber Creek and the Delaware River Watershed in the Boroughs of Bellmawr and Runnemede in Camden County, and Westville Borough and Deptford Township in Gloucester County, New Jersey.

Under current Federal regulations, a Department of the Army permit is required for work or structures in navigable waters of the United States and/or the discharge of dredged or fill material into waters of the United States including wetlands.

**Based upon our review of the information you have provided, it has been determined that your project is approved by the existing Department of the Army Nationwide Permit Number 23 (NWP 23) described below, provided the work is conducted in compliance with the NWP general conditions, regional conditions, and the project specific special conditions.**

**NWP 23. Approved Categorical Exclusions.** Activities undertaken, assisted, authorized, regulated, funded, or financed, in whole or in part, by another Federal agency or department where: **(a)** That agency or department has determined, pursuant to the Council on Environmental Quality's implementing regulations for the National Environmental Policy Act (40 CFR part 1500 *et seq.*), that the activity is categorically excluded from the requirement to prepare an environmental impact statement or environmental assessment analysis, because it is included within a category of actions which neither individually nor cumulatively have a significant effect on the human environment; and

(b) The Office of the Chief of Engineers (Attn: CECW-CO) has concurred with that agency's or department's determination that the activity is categorically excluded and approved the activity for authorization under NWP 23.

The Office of the Chief of Engineers may require additional conditions, pre-construction notification, for authorization of an agency's categorical exclusions under this NWP.

**Notification:** Certain categorical exclusions approved for authorization under this NWP require the permittee to submit a pre-construction notification to the district engineer prior to commencing the activity (see general condition 32). The activities that require pre-construction notification are listed in the appropriate Regulatory Guidance Letters.

[**Authorities:** Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act (Sections 10 and 404)]

You are advised that this verification of NWP authorization is valid until the Nationwide Permits expire on **March 18, 2022**, unless the NWP authorization is modified, suspended, or revoked prior to this date. In the event that the NWP authorization is modified during that time period, this expiration date will remain valid, provided the activity complies with any subsequent modification of the NWP authorization.

It is noted that CZM consistency from the State is only required for those activities in or affecting a State's coastal zone. Additionally, some of the NWPs do not involve a discharge of dredged or fill material, and as such, do not require a 401 WQC. If the State has denied the required WQC and/or not concurred with the Corps' CZM consistency determination, the NWP authorization is considered denied without prejudice until an individual project specific WQC and/or CZM approval is obtained.

**The State of New Jersey has denied 401 WQC and has not concurred with CZM consistency during the issuance of Philadelphia District's regional conditions for NWP#23. Therefore, you are being directed to seek further review by the state in which they will attach the required Federal consistency determination and certification as part of their review as applicable. This approval must be obtained in order for the activity to be authorized under the NWP and a copy provided to this office before work begins. Any project specific conditions required by the State for the WQC and/or CZM approval will automatically become part of the NWP authorization.**

The activities authorized by this NWP verification must comply with the NWP General Conditions, as applicable, in addition to any regional or case-specific conditions imposed by the division engineer or district engineer. A copy of the NWP General Conditions and the Philadelphia District 2017 NWP Regional Permit Conditions for New Jersey for which this verification is subject to, can be found at:

<http://www.nap.usace.army.mil/Portals/39/docs/regulatory/publicnotices/2017%20Nationwide%20Permit%20General%20Conditions.pdf>

[http://www.nap.usace.army.mil/Portals/39/docs/regulatory/publicnotices/2017\\_NJ\\_Reg\\_Cond\\_Final.pdf](http://www.nap.usace.army.mil/Portals/39/docs/regulatory/publicnotices/2017_NJ_Reg_Cond_Final.pdf)

In instances where you are unable to access a digital copy of the 2017 NWP General conditions and/or the 2017 NWP Regional Permit Conditions for New Jersey, a hard copy will be transmitted by registered mail to you per request. It is further noted that you may request a copy by email at any time in which the NWP General Conditions and Regional Permit Conditions will be provided to you by facsimile or other electronic means per your request.

Activities which have commenced (i.e., are under construction) or are under contract to commence in reliance upon an NWP will remain authorized provided the activity is completed within twelve months of the date of an NWP's expiration, modification, or revocation, unless discretionary authority has been exercised on a case-by-case basis to modify, suspend, or revoke the authorization in accordance with 33 CFR 330.4(e) and 33 CFR 330.5 (c) or (d). Activities completed under the authorization of an NWP which was in effect at the time the activity was completed continue to be authorized by that NWP.

You should carefully note that this NWP authorization is based upon your agreement to comply with the terms and conditions of this NWP including any and all attached project specific special conditions listed below. Initiation of any authorized work shall constitute your agreement to comply with all of the NWP's conditions. You should also note that the authorized work may be subject to periodic inspections by a representative of this office. The verification of a Nationwide Permit including all general and special conditions is not subject to appeal.

#### **PROJECT SPECIFIC SPECIAL CONDITIONS:**

1. All work performed in association with the above noted project shall be conducted in accordance with the attached project plans identified as E-1 through E-41, all dated 06 May 2019, and all prepared by Dewberry.
2. Construction activities shall not result in the permanent disturbance or alteration of greater than 0.670-acres of waters of the United States.
3. Any deviation in construction methodology or project design from that shown on the above noted drawings or repair plan must be approved by this office, in writing, prior to performance of the work. All modifications to the above noted project plans shall be approved, in writing, by this office. No work shall be performed prior to written approval of this office.
4. This office shall be notified prior to the commencement of authorized work by completing and signing the enclosed Notification/ Certification of Work Commencement Form (Enclosure 1). This office shall also be notified within 10 days of the completion of the authorized work by completing and signing the enclosed Notification/Certification of Work Completion/Compliance Form (Enclosure 2). All notifications required by this condition shall be in writing. The Notification of Commencement of work may be sent to this office by facsimile or other electronic means; all other notification shall be transmitted to this office by registered mail. Oral notifications are not acceptable. Similar notification is required each time maintenance work is to be done under the terms of this Corps of Engineers permit.

5. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
6. In accordance with New Jersey Regional Permit Condition – 6 (G-6), to protect Essential Fish Habitat (EFH) species, their prey species, and/or their habitats, **in-water work shall NOT be performed between 01 March and 30 June of any given calendar year.** However, work within cofferdams that fully enclose and dewater the project area can proceed any time during the year provided that the cofferdams area installed or removed outside of the seasonal work restriction window and do not preclude the free movement of migrating and spawning aquatic species to ensure compliance with NWP General Conditions #2 and #3.
7. To compensate for the permanent loss of approximately 0.670-acres of Waters of the U.S., the permittee has volunteered to purchase mitigation credits at a 1:1 ratio from the Abbott Creek Mitigation Bank located in the Township of Fairfield in Cumberland County, New Jersey. The permittee shall provide this office with written proof of purchase of the required mitigation credits thirty (30) days prior to undertaking any in-water work.
8. Upon conclusion of project construction activities, the permittee shall restore all temporarily impacted Waters of the U.S., to include the removal of temporary fill material, to pre-construction conditions.

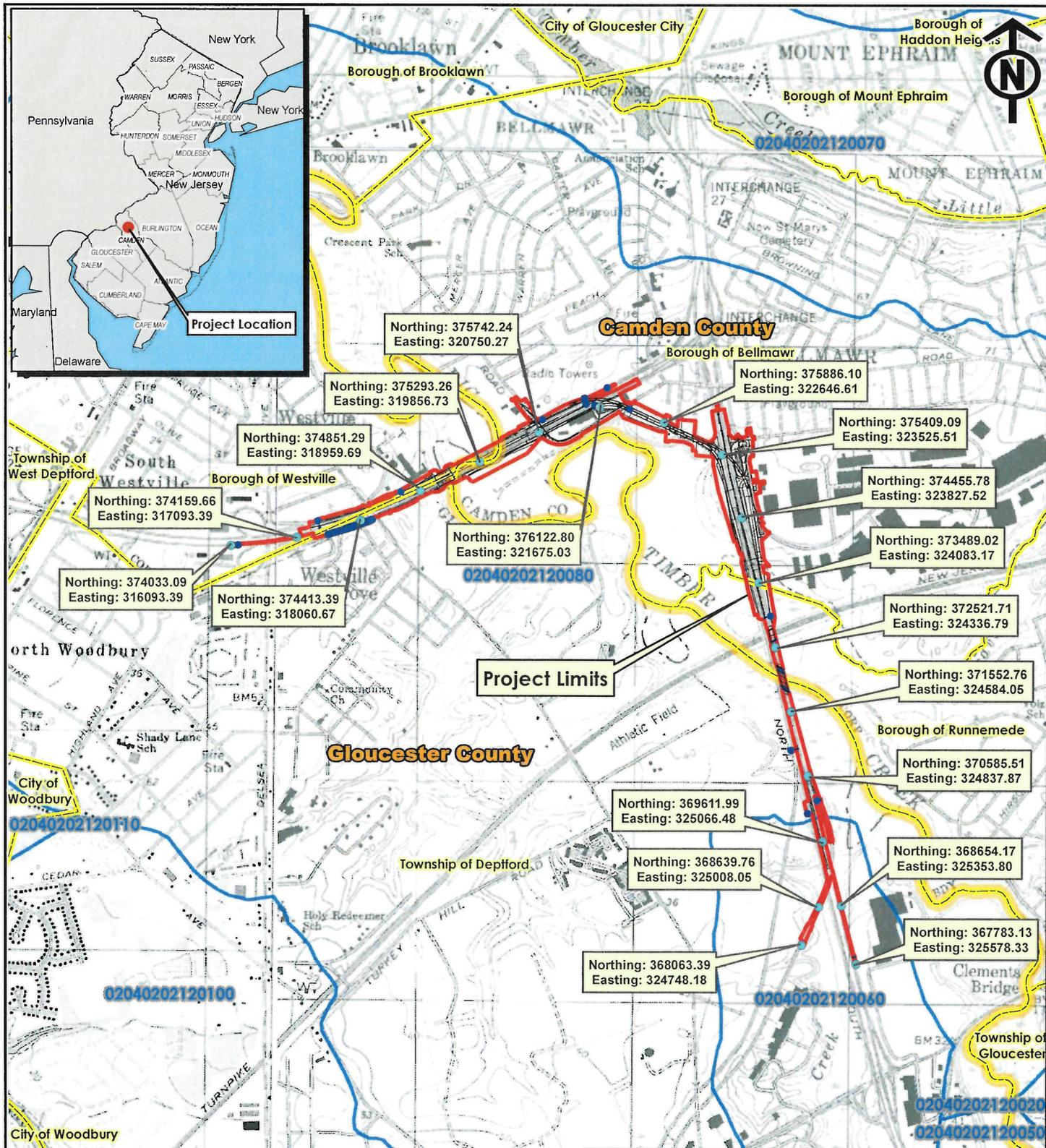
Also enclosed is a pre-addressed postal card (Enclosure 3) soliciting your comments on the processing of your application. Any comments, positive or otherwise, on the procedures, timeliness, fairness, etc., may be made on this card. If you should have any questions regarding this matter, please contact Mr. Robert Youhas of my staff at 215-656-6729 or write to the above address.

Sincerely,

  
for Edward E. Bonner  
Chief, Regulatory Branch

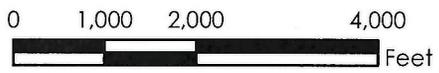
Enclosures

# PROJECT PLANS



**LEGEND**

- Limit of Disturbance
- Municipal Boundary
- County Boundary
- Proposed Alignment
- 1000-Foot Intervals
- HUC-14



**NEW JERSEY DEPARTMENT OF TRANSPORTATION**

**USGS SITE LOCATION MAP**

I-295 / ROUTE 42 MISSING MOVES  
 BOROUGH OF BELLMAWR, BOROUGH OF RUNNEMEDE,  
 CAMDEN COUNTY, NJ  
 BOROUGH OF WESTVILLE, TOWNSHIP OF DEPTFORD,  
 GLOUCESTER COUNTY, NJ

SCALE: As Indicated      DATE: March 2019

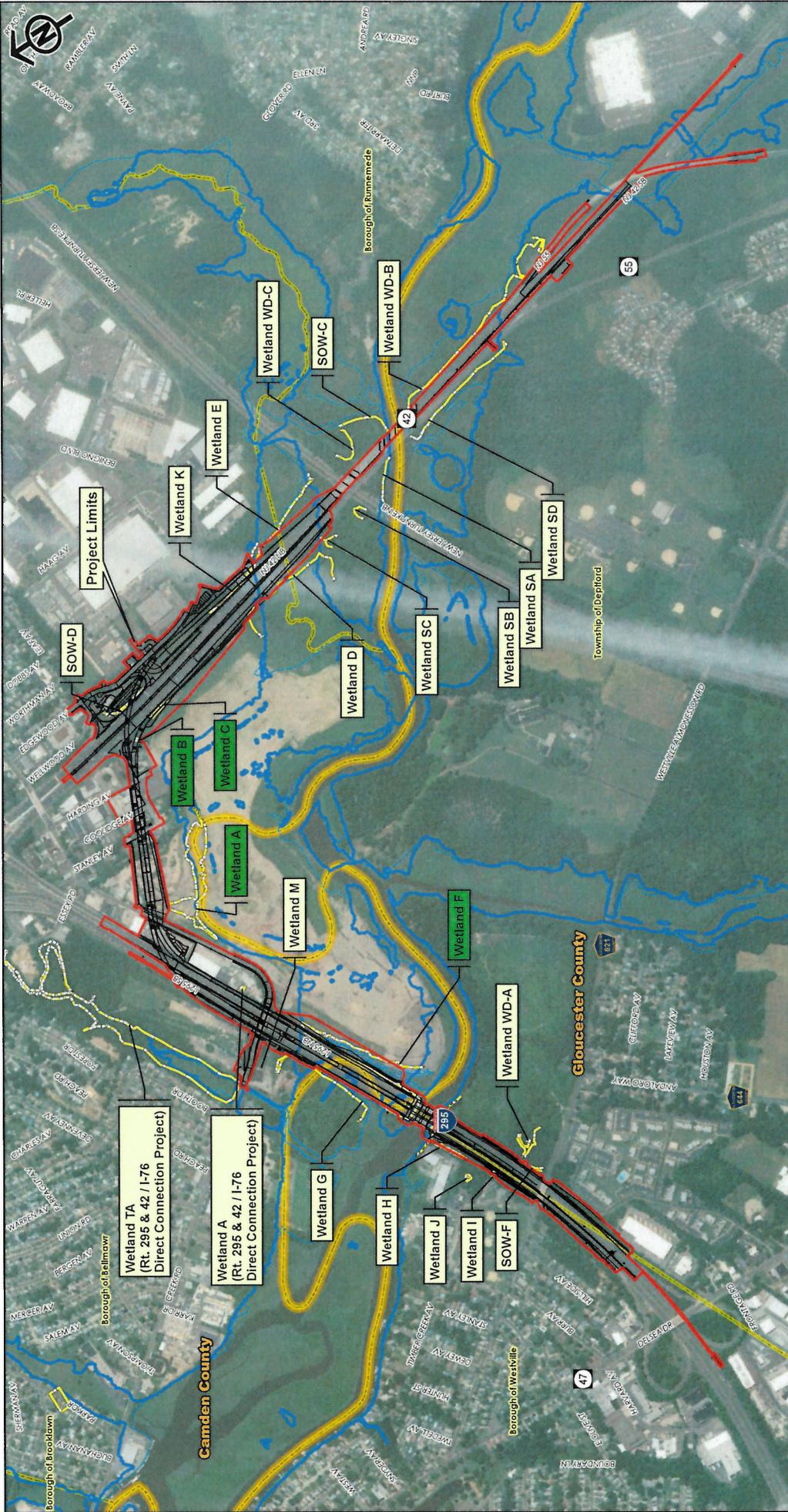
Source: U.S.G.S. Topographic Quadrangles. Camden, Runnemede, Philadelphia & Woodbury N.J.-P.A.. Dated HUC-14, Department of Environmental Protection (NJDEP), New Jersey Geological Survey (NJGS), 2011



**FIGURE 1**

**MAY 06 2019**

E-1



**NEW JERSEY DEPARTMENT OF TRANSPORTATION**  
**DELINEATED WETLANDS MAP**  
 I-295 / ROUTE 42 MISSING MOVES  
 BOROUGH OF BELLMAR, BOROUGH OF RUNNEMEDA,  
 CAMDEN COUNTY, NJ  
 BOROUGH OF WESTVILLE, TOWNSHIP OF DEPTFORD,  
 GLOUCESTER COUNTY, NJ  
 SCALE: As Indicated  
 DATE: March 2019

**Dewberry**  
**FIGURE 2**

**LEGEND**

- Limit of Disturbance
- Proposed Alignment
- Upper Wetland Boundary
- Delineated Wetlands
- Filled Wetland - USACE & NJDEP Permits
- Tidelands Claim Line

Sources: World Office Incidents Service, ESRI  
 The information on this plan is based on a compilation of publicly available  
 New Jersey Department of Environmental Protection (NJDEP) Geographic  
 Information System geospatial data and visual reconnaissance of the vicinity.  
 No verification or approval by NJDEP of the information presented is implied.  
 Path: G:\19598\Technical\GIS\Common\2014\2e\view\011\_Prev\0118\_18\_Eco\_600\_DeI\_Map.mxd

MAY 06 2019

E-2

DATE	ISSUED/REVISED NO.
N.A.	HPP-295-1 (03)



**State of New Jersey**  
**Department of Transportation**  
 PLANS OF  
**ROUTE I-295 / N.J. ROUTE 42 MISSING MOVES**  
 FROM ROUTE I-295 TO ROUTE 55  
**CONTRACT NO. 025950541**



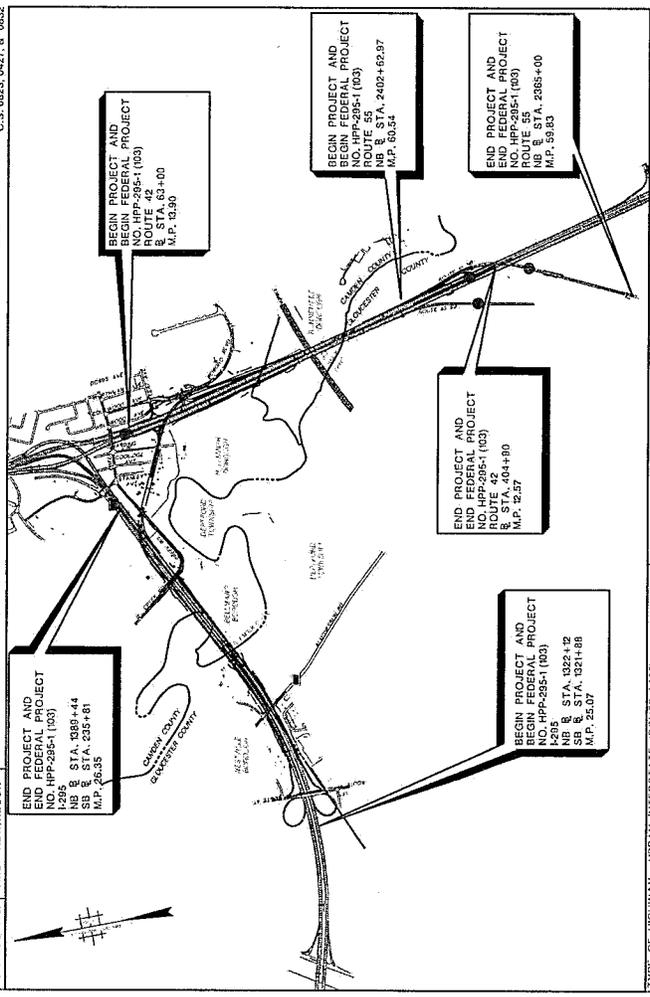
**UNITED STATES ARMY CORPS OF ENGINEERS**  
**WATERS OF THE U.S. PERMIT PLANS**

SHEET NO.	KEY MAP	INDEX OF SHEETS DESCRIPTION
1		PLAN SHEET INDEX
2-4		USAGE WATERS OF THE U.S. PERMIT PLANS

TOTAL IMPACT	ACRE	TEMPORARY IMPACT (AC)		PERMANENT IMPACT (AC)	
		1000	0.001	1000	0.001
15.00	15.00	15.00	0.001	15.00	0.001
15.00	15.00	15.00	0.001	15.00	0.001
15.00	15.00	15.00	0.001	15.00	0.001
15.00	15.00	15.00	0.001	15.00	0.001
15.00	15.00	15.00	0.001	15.00	0.001
15.00	15.00	15.00	0.001	15.00	0.001
15.00	15.00	15.00	0.001	15.00	0.001
15.00	15.00	15.00	0.001	15.00	0.001
15.00	15.00	15.00	0.001	15.00	0.001

**BOROUGH OF BELMAWR AND RUNNEMEDA**  
**BOROUGH OF WESTVILLE AND TOWNSHIP OF DEPTFORD**  
**COUNTY OF CAMDEN**  
**COUNTY OF GLOUCESTER**

PROJECT CATEGORIES: I - NEW/RECON, MIS - NEW/RECON  
 SCALES AS INDICATED  
 MARCH 2019  
 C.S. 0412, 0804, C.S. 0823, 0427, & 0822



**KEY MAP**



ELEVATIONS ARE N.A.V.D. OF 1988  
 (N.A.V.D. 1988 + 1.18 FT. = N.G.V.D. 1929)

E-3

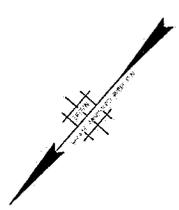
MAY 06 2019



STATE OF NEW JERSEY  
 N.J.  
 HP-2854 (10/1)

BOROUGH OF BELLMAR  
 BOROUGH OF RUNNEMEDE  
 CAMDEN COUNTY

TOWNSHIP OF DEPTFORD  
 GLOUCESTER COUNTY



PROJECT	NEW JERSEY DEPARTMENT OF TRANSPORTATION
PLAN SHEET INDEX	1-285 / ROUTE 42 MISSING MOVES CONTRACT NO. 02850501
DESIGNER	CH2M HILL 1400 MARKET STREET PHILADELPHIA, PA 19102
DATE	05/06/19
SCALE	AS SHOWN
PROJECT NO.	1-285
SHEET NO.	40
TOTAL SHEETS	40



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E-5

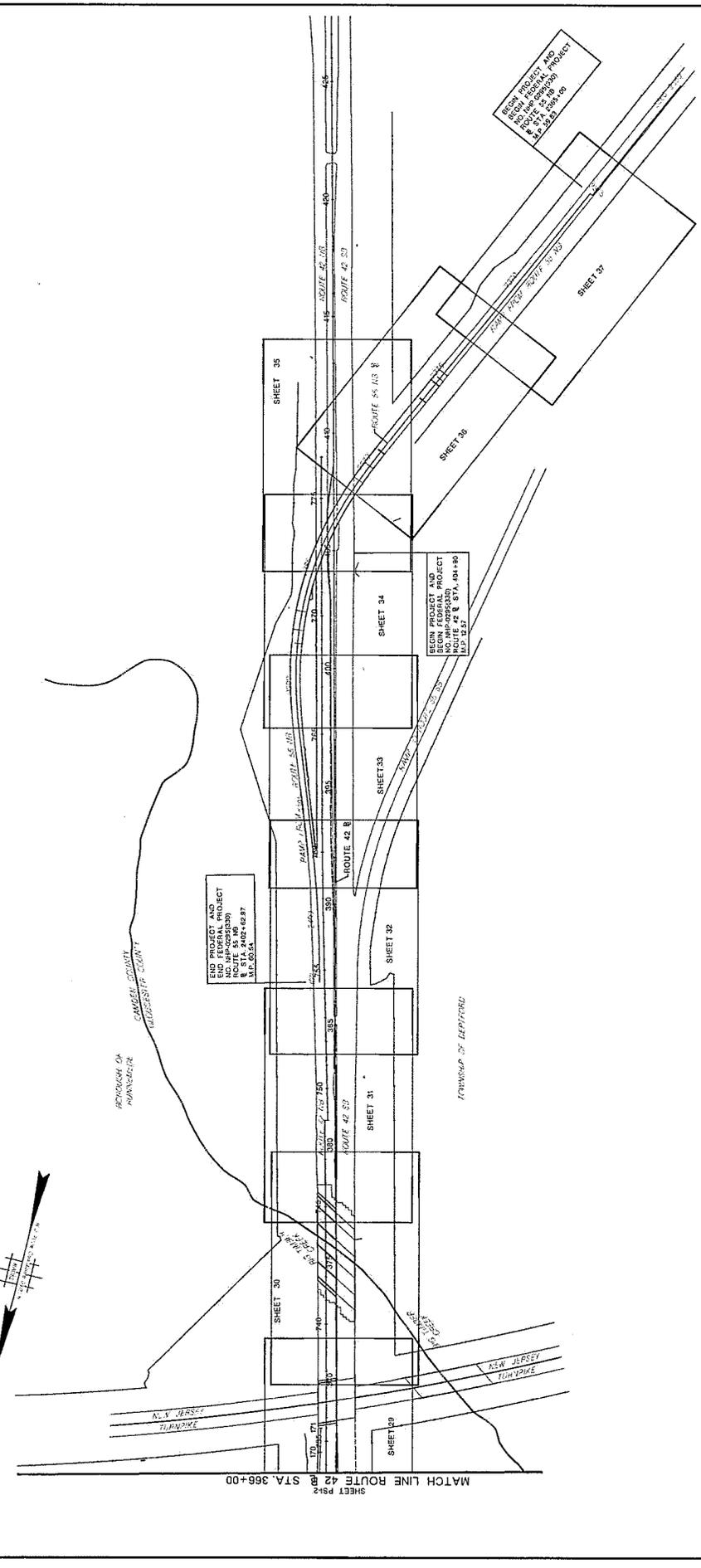
MAY 06 2019

STATE LICENSE PROJECT NO.  
N.J. RPP19541 (10)

BOROUGH OF BELLMAWR  
BOROUGH OF RUNNEMEDE  
CAMDEN COUNTY



TOWNSHIP OF DEPTFORD  
GLOUCESTER COUNTY



NEW JERSEY DEPARTMENT OF TRANSPORTATION

PLAN SHEET INDEX  
I-295 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 029590041

DEWBERRY ENGINEERS, INC.  
CERTIFICATION OF AUTHORIZATION NO. Z4243647100  
JAMES D. HEEREN P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. Z4243640202

4  
40



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E-6

MAY 06 2019

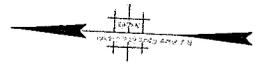
STATE: ATLANTA PROJECT NO. HPR-556-1(103)

GLoucester COUNTY

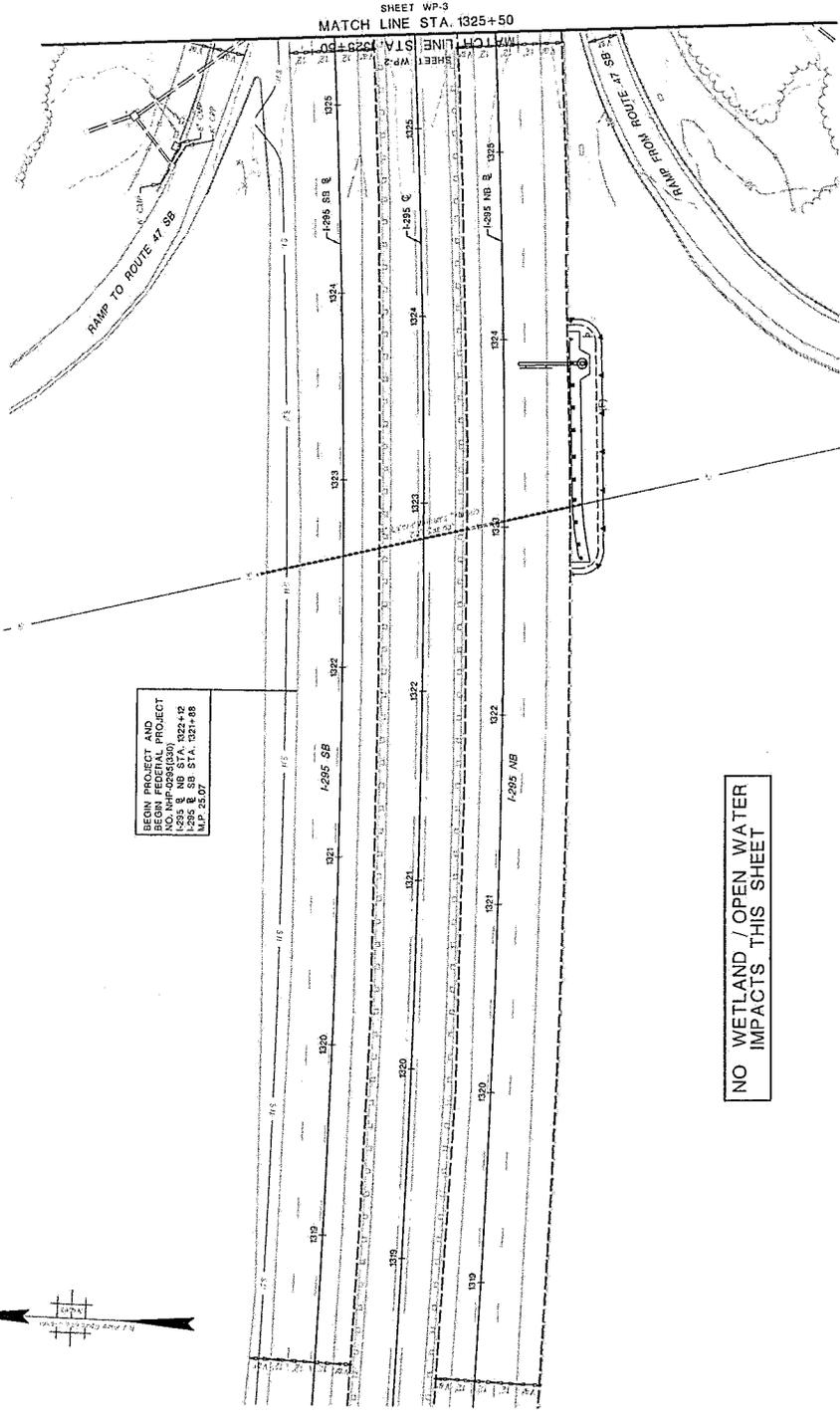
BOROUGH OF WESTVILLE

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Dewberry



BEGIN PROJECT AND BEGIN FEDERAL PROJECT AT STA. 1321+13  
1-295 E NB STA. 1321+13  
1-295 E SB STA. 1321+88  
ALP: 25.07



SHEET WP-3  
MATCH LINE STA. 1325+50

NO WETLAND / OPEN WATER IMPACTS THIS SHEET

NEW JERSEY DEPARTMENT OF TRANSPORTATION

USACE WATERS OF THE U.S. PERMIT PLANS  
1-295 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 029595541

GEORGE ENGINEERS INC.  
CERTIFICATION OF AUTHORIZATION NO. 20040624700  
JAMES D. HEEREN, P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 245040300

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4/0

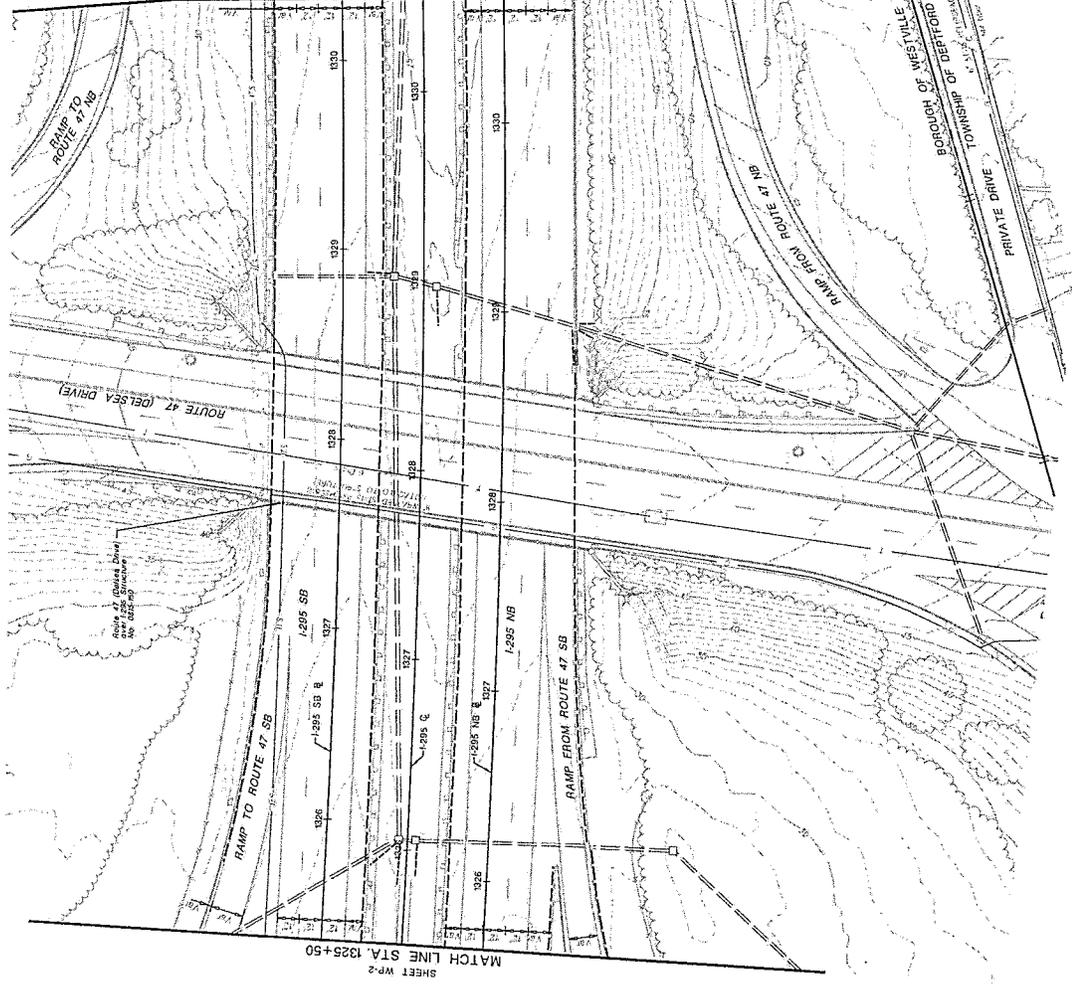
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E-7

MAY 0 6 2019

GLoucester COUNTY

BOROUGH OF WESTVILLE  
TOWNSHIP OF DEPTFORD



MATCH LINE STA. 1330+50  
SHEET WP-4

MATCH LINE STA. 1325+50  
SHEET WP-2

NO WETLAND / OPEN WATER  
IMPACTS THIS SHEET

NO WORK THIS SHEET  
(FOR INFORMATIONAL PURPOSES ONLY)

NEW JERSEY DEPARTMENT OF TRANSPORTATION

USACE WATERS OF  
THE U.S. PERMIT PLANS  
1-285 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 0285950541

DEWBERRY ENGINEERS INC.  
REGISTERED PROFESSIONAL ENGINEER  
JAMES D. WEBER P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 2466043000

6  
40



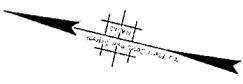
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MAY 06 2019

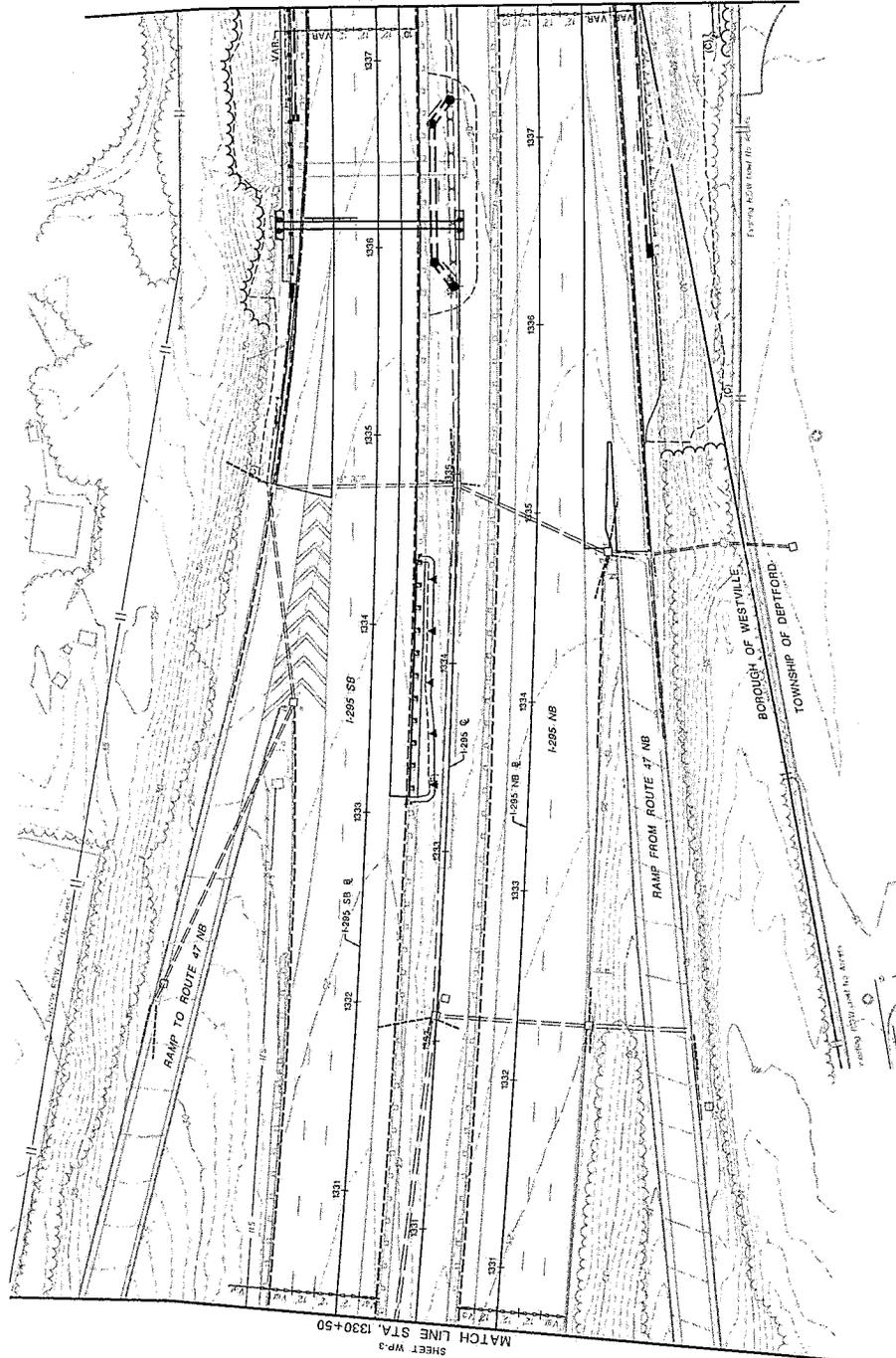
E-8

STATE FEDERAL PROJECT NO.  
NJ: RPP02551 (02)

GLoucester COUNTY



BOROUGH OF WESTVILLE  
TOWNSHIP OF DEPTFORD



SHEET WP-5  
MATCH LINE STA. 1337+50

SHEET WP-3  
MATCH LINE STA. 1330+50

U.S. 322

NEW JERSEY DEPARTMENT OF TRANSPORTATION

USACE WATERS OF  
THE U.S. PERMIT PLANS  
I-95 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 02959541

7  
40

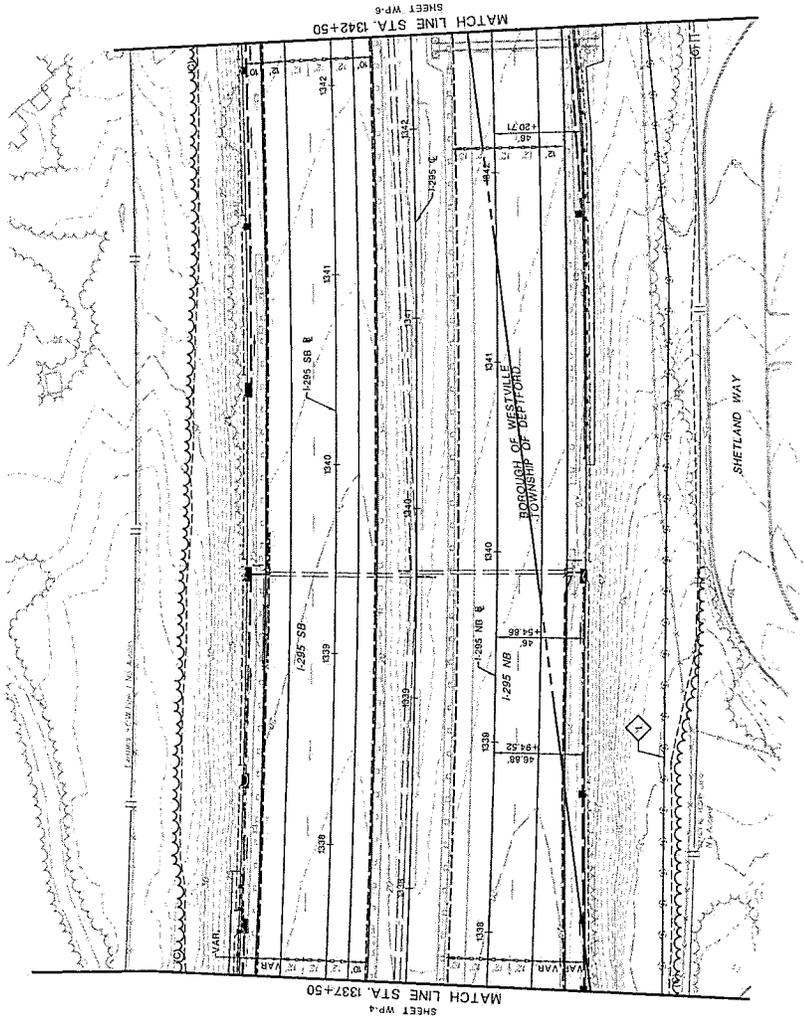
ENGINEERS INC.  
CERTIFICATION OF AUTHORIZATION NO. 24045847603  
JAMES B. HEFFREN, P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 2406403000

NO WETLAND / OPEN WATER  
IMPACTS THIS SHEET

STATE PLANNING PROJECT NO.  
N.J. PFP-2014 (03)

GLOUCESTER COUNTY

BOROUGH OF WESTVILLE  
TOWNSHIP OF DEPTFORD



NO WETLAND / OPEN WATER  
IMPACTS THIS SHEET

PP-3  
US-52

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
**USACE WATERS OF THE U.S. PERMIT PLANS**  
1295 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 028396541  
PERFORMING ENGINEERS INC.  
CERTIFICATION OF AUTHORIZATION NO. 24024294700  
JAMES D. HEEREN P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 240242900

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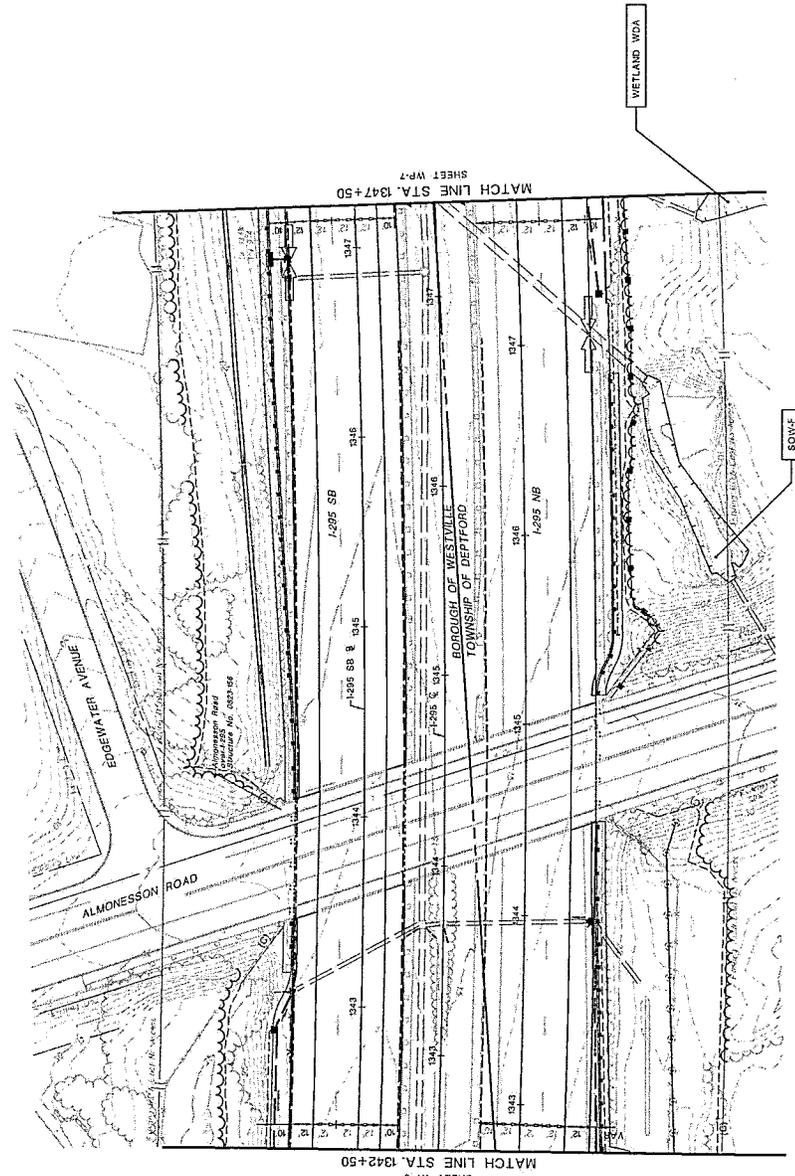
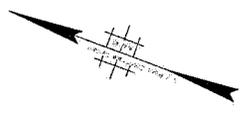
E-10

MAY 06 2019

DATE: 11/28/18  
 N.J. HPP-254 (03)

GLOUCESTER COUNTY

BOROUGH OF WESTVILLE  
 TOWNSHIP OF DEPTFORD



**NO WETLAND / OPEN WATER  
 IMPACTS THIS SHEET**

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
**USACE WATERS OF  
 THE U.S. PERMIT PLANS**  
 1295 / ROUTE 42 MISSING MOVES  
 CONTRACT NO. 028980041

PROPOSED ENGINEERS, INC.  
 CERTIFICATION OF AUTOREGISTRATION NO. 24043047000  
 JAMES D. HEBER, P.E.  
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 246240000

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E-11

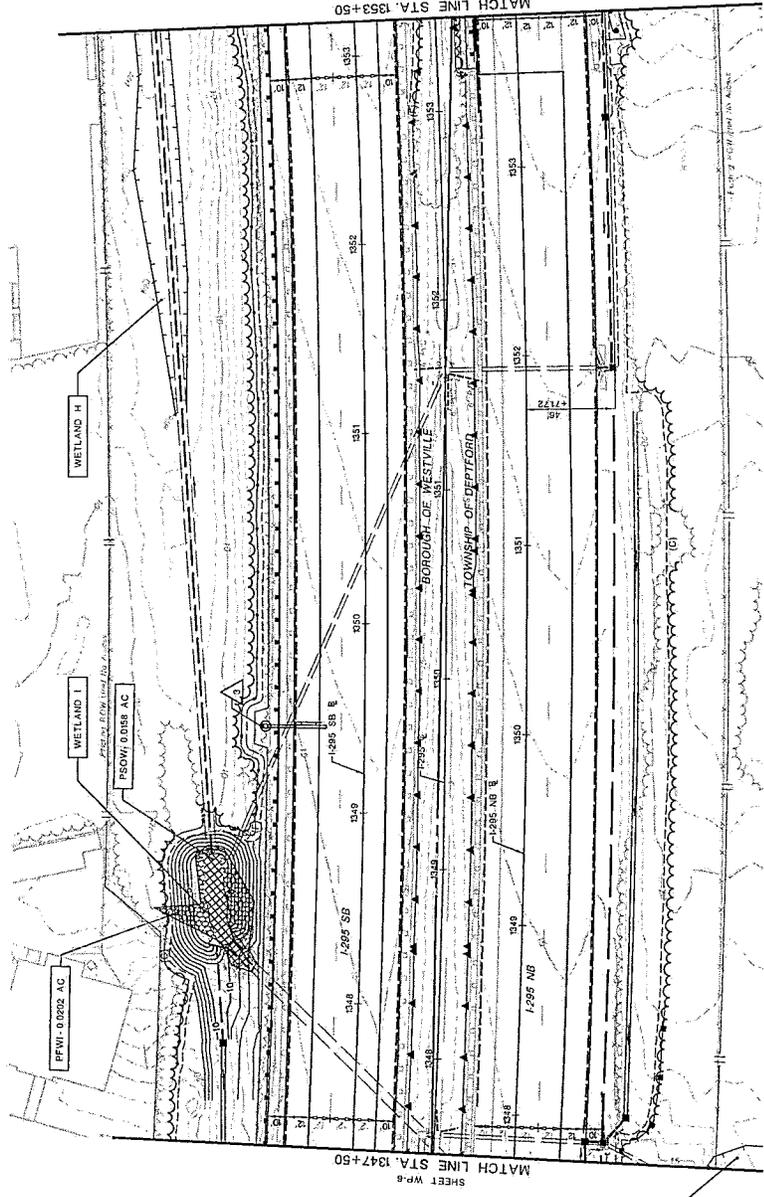
MAY 06 2019

STATE: NEW JERSEY  
 FEDERAL PROJECT NO.: HP-2845-1(03)

GLoucester COUNTY



BOROUGH OF WESTVILLE  
 TOWNSHIP OF DEPTFORD



MATCH LINE STA. 1347+50  
 SHEET WP-6

MATCH LINE STA. 1353+50  
 SHEET WP-9

- LEGEND:**
- BORING LOCATION
  - MEAN HIGH WATER LINE (ELEVATION 3.2' NAVD 88S)
  - HIGH TIDE LINE (ELEVATION 4.5' NAVD 88S)
  - DELINEATED WETLAND LINE
  - PERMANENT FRESHWATER WETLAND IMPACT (PFWI)
  - PERMANENT INTERTIDAL SHALLOWS IMPACT (PISI)
  - PERMANENT STATE OPEN WATER IMPACT (PSOW)
  - TEMPORARY FRESHWATER WETLAND IMPACT (TFWI)
  - TEMPORARY INTERTIDAL SHALLOWS IMPACT (TISI)
  - TEMPORARY STATE OPEN WATER IMPACT (TSOW)

WETLAND TYPE	TEMPORARY IMPACT (AC)	PERMANENT IMPACT (AC)	TOTAL IMPACT (AC)
WETLAND I (W1)	0.0358	0.0202	0.0560
WETLAND H (W2)	0.0000	0.0000	0.0000
WETLAND WDA (W3)	0.0000	0.0000	0.0000
<b>TOTAL WATERS OF THE U.S.</b>	<b>0.0358</b>	<b>0.0202</b>	<b>0.0560</b>

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
 USACE WATERS OF THE U.S. PERMIT PLANS  
 I-295 / ROUTE 42 MISSING MOVES  
 CONTRACT NO. 028905041

DESIGNED BY: ENGINEERS, P.C.  
 CERTIFICATION OF AUTHORIZATION NO. 2404282400  
 JAMES D. WHEEN, P.E.  
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 2404282400

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MAY 06 2019

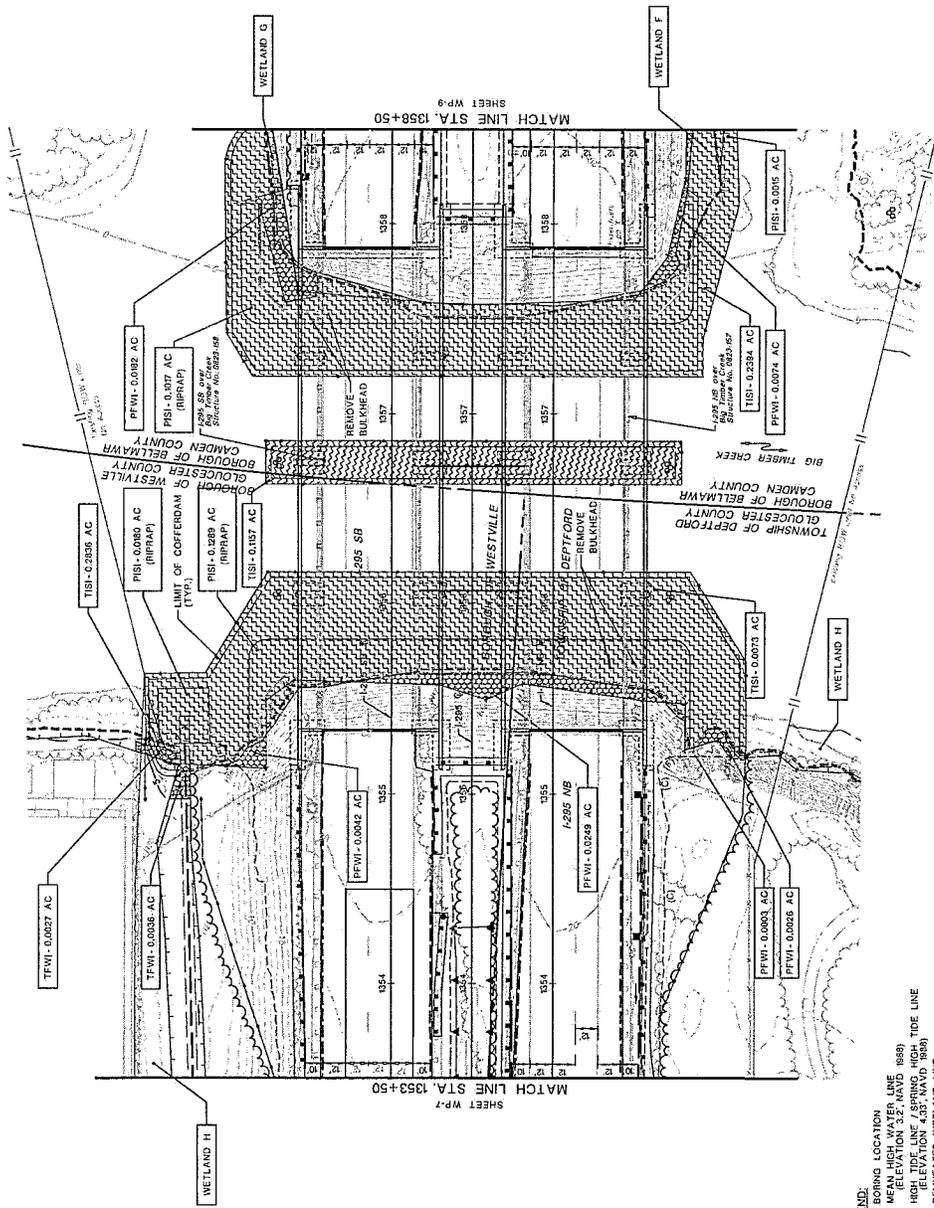
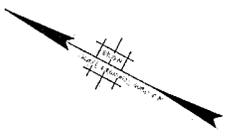
2-12

STATE OF NEW JERSEY  
N.A. HPP-354 (10/0)

BOROUGH OF BELLMAR  
CAMDEN COUNTY

TOWNSHIP OF DEPTFORD  
BOROUGH OF WESTVILLE  
GLOUCESTER COUNTY

4/22/19 09:42:11  
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WETLANDS (AW, PSWA)	TEMPORARY IMPACT (AC)	PERMANENT IMPACT (AC)	TOTAL IMPACT (AC)
WETLANDS (AW, PSWA)	20.00	0.00	20.00
OPEN WATER (TOWNSHIP)	0.00	0.00	0.00
TOTAL WATER OF THE U.S.	20.00	0.00	20.00

- LEGEND:**
- 6 BORING LOCATION
  - MEAN HIGH WATER (MHW)
  - MEAN LOW WATER (MLW)
  - HIGH TIDE LINE / SPRING HIGH TIDE LINE (ELEVATION 4.33' NAVD 88)
  - DELINEATED WETLAND LINE
  - [Pattern] PERMANENT FRESHWATER WETLAND IMPACT (PFWI)
  - [Pattern] PERMANENT INTERTIDAL SHALLOWS IMPACT (PISI)
  - [Pattern] PERMANENT STATE OPEN WATER IMPACT (PSOW)
  - [Pattern] TEMPORARY FRESHWATER WETLAND IMPACT (TFWI)
  - [Pattern] TEMPORARY INTERTIDAL SHALLOWS IMPACT (TISI)
  - [Pattern] TEMPORARY STATE OPEN WATER IMPACT (TSOW)

NEW JERSEY DEPARTMENT OF TRANSPORTATION

**USACE WATERS OF THE U.S. PERMIT PLANS**  
1295 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 02890041

NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 246640300

JAMES D. HERGEN P.E.

11  
40

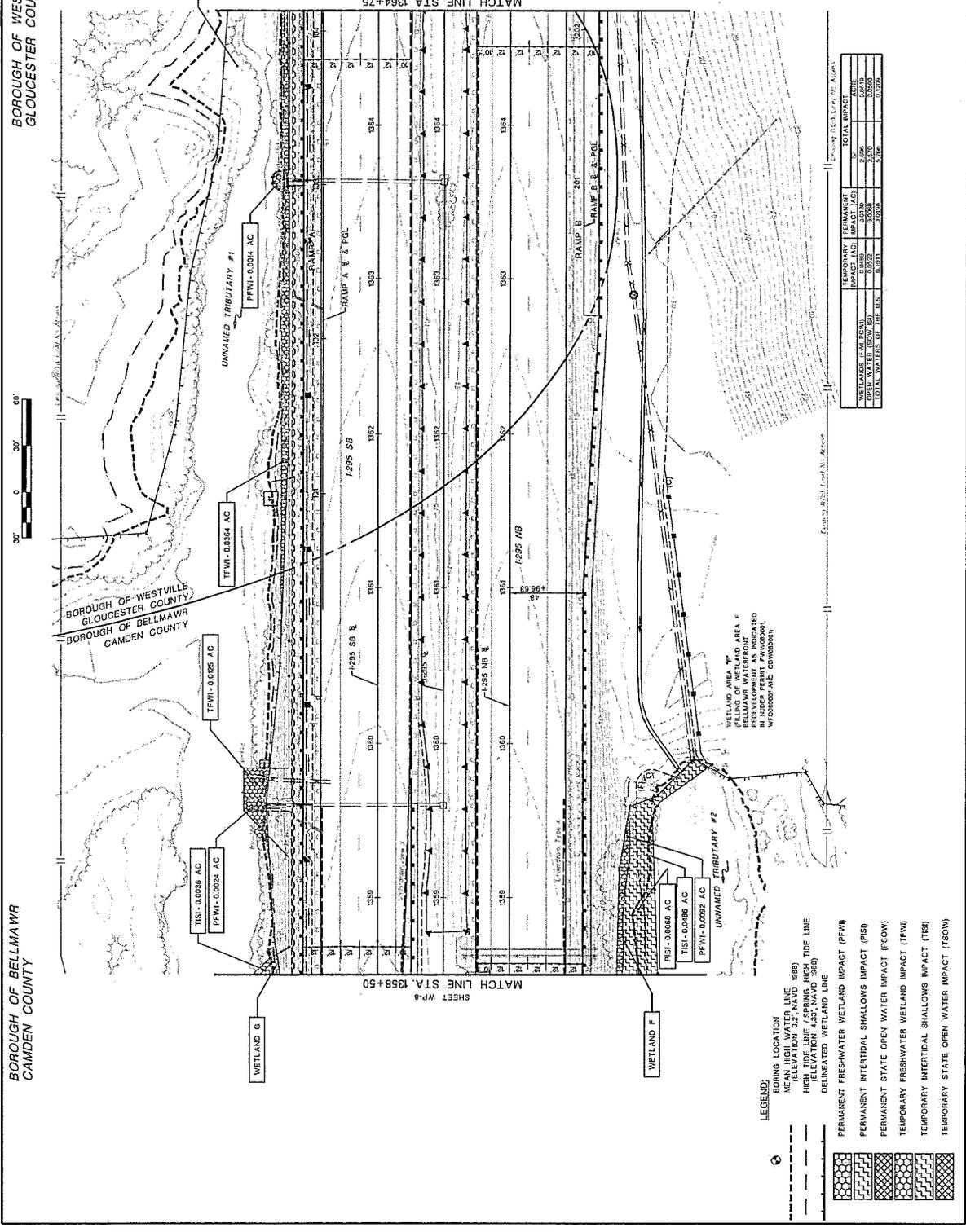
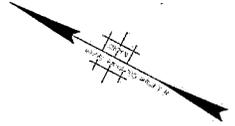
E-13

MAY 06 2019

STATE OF NEW JERSEY  
 DEPARTMENT OF TRANSPORTATION  
 PROJECT NO. 1-295-1 (MS)  
 SHEET 12 OF 40

BOROUGH OF WESTVILLE  
 GLOUCESTER COUNTY

BOROUGH OF BELLMAWR  
 CAMDEN COUNTY



MATCH LINE STA. 1384+75  
 SHEET 12 OF 40

MATCH LINE STA. 1358+50  
 SHEET 11 OF 40

- LEGEND:**
- PILING LOCATION
  - MEAN HIGH WATER LINE
  - HIGH TIDE LINE / SPRING HIGH TIDE LINE (ELEVATION 52.7 NAVD 1988)
  - DELINEATED WETLAND LINE
  - ▨ PERMANENT FRESHWATER WETLAND IMPACT (PFWI)
  - ▨ PERMANENT INTERTIDAL SHALLOWS IMPACT (PISI)
  - ▨ PERMANENT STATE OPEN WATER IMPACT (PSOW)
  - ▨ TEMPORARY FRESHWATER WETLAND IMPACT (TFWI)
  - ▨ TEMPORARY INTERTIDAL SHALLOWS IMPACT (TISI)
  - ▨ TEMPORARY STATE OPEN WATER IMPACT (TSOW)

Summary Table: Wetland Impact

WETLAND TYPE	TEMPORARY IMPACT (AC)	PERMANENT IMPACT (AC)	TOTAL IMPACT (AC)
WETLAND TYPE 1	0.0025	0.0025	0.0050
WETLAND TYPE 2	0.0025	0.0025	0.0050
WETLAND TYPE 3	0.0025	0.0025	0.0050
WETLAND TYPE 4	0.0025	0.0025	0.0050
WETLAND TYPE 5	0.0025	0.0025	0.0050
WETLAND TYPE 6	0.0025	0.0025	0.0050
WETLAND TYPE 7	0.0025	0.0025	0.0050
WETLAND TYPE 8	0.0025	0.0025	0.0050
WETLAND TYPE 9	0.0025	0.0025	0.0050
WETLAND TYPE 10	0.0025	0.0025	0.0050



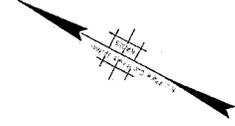
NEW JERSEY DEPARTMENT OF TRANSPORTATION  
 USACE WATERS OF THE U.S. PERMIT PLANS  
 1-295 / ROUTE 42 MISSING MOVES  
 CONTRACT NO. 029500541  
 ENGINEER: ENGINEERS, INC.  
 CERTIFICATION OF AUTHORIZATION NO. 2402434720  
 JAMES D. SEBREN, P.E.  
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 2402434720

12  
 40

E-14

MAY 06 2019

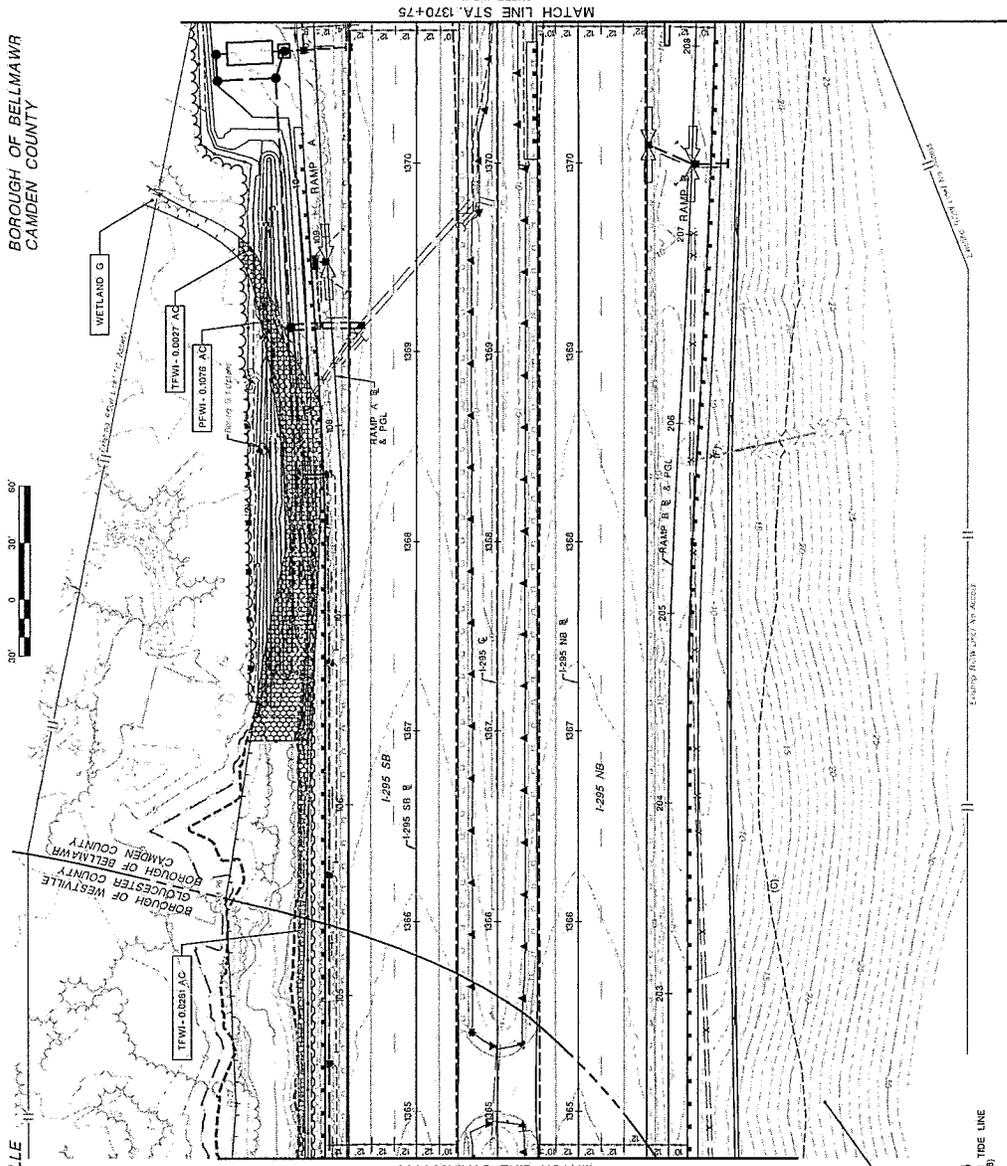
STATE PROJECT NO.  
HPP-255-1(02)



BOROUGH OF BELLMAWR  
CAMDEN COUNTY



BOROUGH OF WESTVILLE  
GLOUCESTER COUNTY



MATCH LINE STA. 1370+75  
SHEET WP-12

MATCH LINE STA. 1364+75  
SHEET WP-9

WETLAND AREA "F"  
WETLAND AREA "F"  
BELLMAWR WATERFRONT  
WETLANDS WATERFRONT  
WETLANDS WATERFRONT  
WETLANDS WATERFRONT  
WETLANDS WATERFRONT  
WETLANDS WATERFRONT

- LEGEND:**
- WETLAND LOCATION
  - MEAN HIGH WATER LINE (ELEVATION 3.2', MVD B88)
  - HIGH TIDE LINE / SPRING HIGH (ELEVATION 3.0', MVD B88)
  - DELINEATED WETLAND LINE
  - PERMANENT FRESHWATER WETLAND IMPACT (PFW)
  - PERMANENT INTERTIDAL SHALLOWS IMPACT (PSI)
  - PERMANENT STATE OPEN WATER IMPACT (PSOW)
  - TEMPORARY FRESHWATER WETLAND IMPACT (TFW)
  - TEMPORARY INTERTIDAL SHALLOWS IMPACT (TSI)
  - TEMPORARY STATE OPEN WATER IMPACT (TSOW)

WETLANDS UNIT (AC)	TEMPORARY IMPACT (AC)	PERMANENT IMPACT (AC)	TOTAL IMPACT (AC)
WETLANDS UNIT (AC)	0.0027	0.0075	0.0102
OPEN WATER (AC)	0.0000	0.0000	0.0000
TOTAL WETLANDS OF THE U.S.	0.0027	0.0075	0.0102

WP-12  
08530

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
**USACE WATERS OF THE U.S. PERMIT PLANS**  
1205 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 028950541

DEWBERRY ENGINEERS, INC.  
CERTIFICATION OF AUTHORIZATION NO. 20042624700  
JAMES D. HEERMAN, P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 246600020

13  
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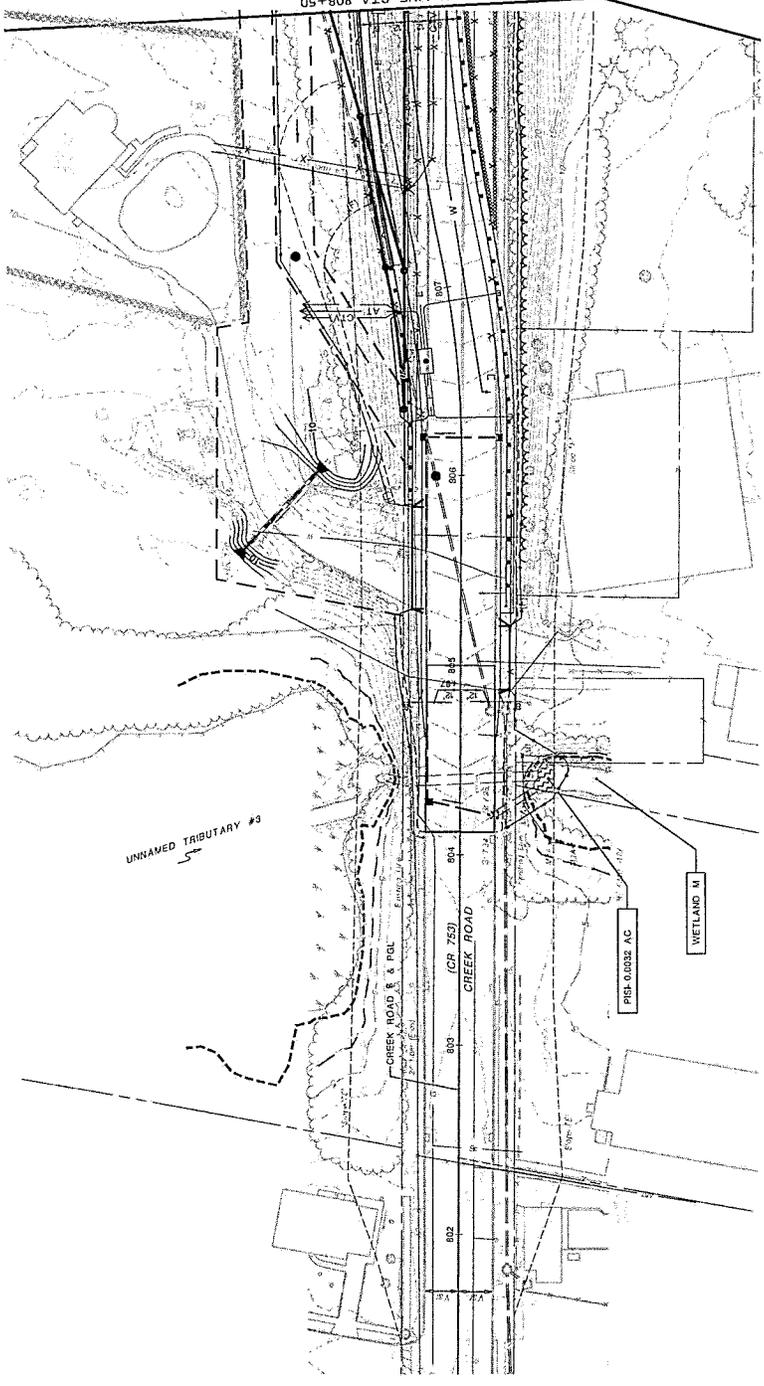
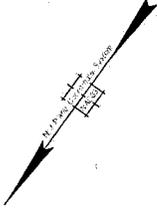
E-15

MAY 06 2019

BOROUGH OF BELLMAWR

CAMDEN COUNTY

STATE	DEPARTMENT	PROJECT NO.
N.J.	TRANSPORTATION	100-0000000



MATCH LINE STA. 808+50  
SHEET 1P-12

- LEGEND:**
- BORING LOCATION
  - METAL PIPES IN WATER (MIPW)
  - HIGH TIDE LINE / SPRING HIGH TIDE LINE (ELEVATION 4.53' NAVD 98)
  - DELINEATED WETLAND LINE
  - PERMANENT FRESHWATER WETLAND IMPACT (FFWI)
  - PERMANENT INTERTIDAL SHALLOWS IMPACT (PISI)
  - PERMANENT STATE OPEN WATER IMPACT (PSOW)
  - TEMPORARY FRESHWATER WETLAND IMPACT (TFWI)
  - TEMPORARY INTERTIDAL SHALLOWS IMPACT (TISI)
  - TEMPORARY STATE OPEN WATER IMPACT (TSOW)

WETLANDS AFFECTED BY PROJECT	TEMPORARY IMPACT	PERMANENT IMPACT	TOTAL IMPACT
WETLANDS AFFECTED BY PROJECT	15.00	0.00	15.00
TOTAL WETLANDS OF THE U.S.	15.00	0.00	15.00

NOTE: LOW WATER (MLW) ELEVATION (2.29) MINUS 4 FEET IS NOT PRESENT WITHIN THE PROJECT AREA.

1P-12

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
**USACE WATERS OF THE U.S. PERMIT PLANS**  
1295 / ROUTE 42, MESSING HOVES  
CONTRACT NO. 025950541

DEWBERRY ENGINEERS INC.  
CERTIFICATION OF AUTHORIZATION NO. 240.25041250

JAMES D. HERREN, P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 242684900

14  
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5-16

MAY 06 2019

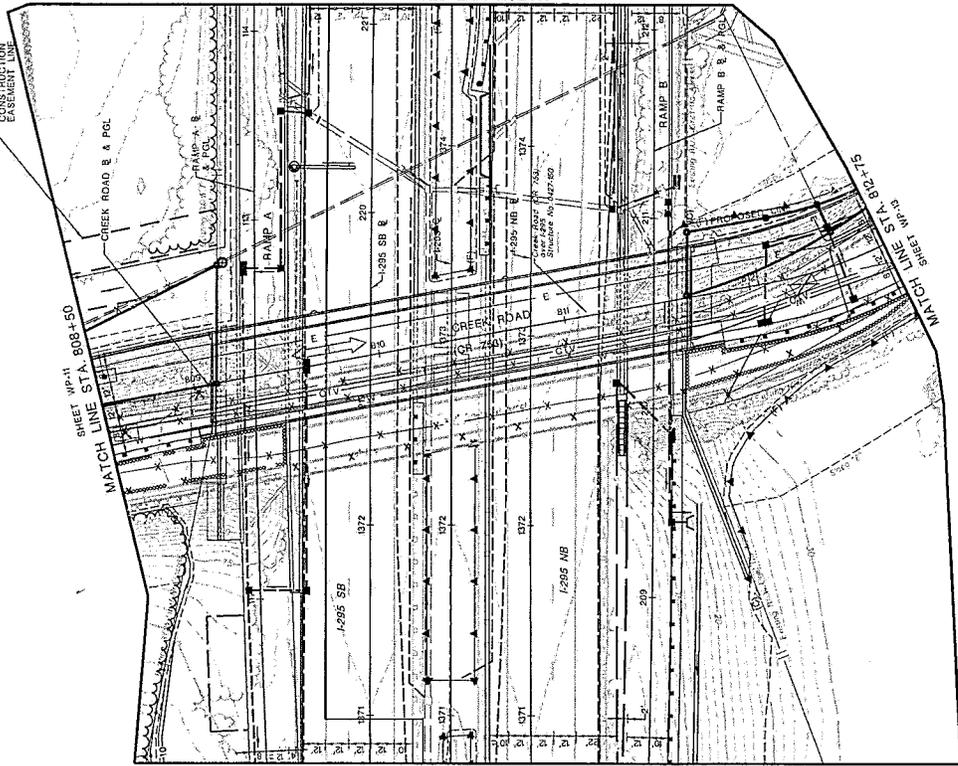
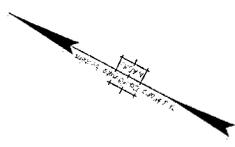
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STATE: N.J. PROJECT NO.: HPP-295-1(03)

CAMDEN COUNTY

BOROUGH OF BELLMAWR

TEMPORARY EASEMENT LINE



MATCH LINE STA. 1374+75 SHEET WP-14

MATCH LINE STA. 808+50 SHEET WP-11

MATCH LINE STA. 1370+75 SHEET WP-10

NO WETLAND / OPEN WATER IMPACTS THIS SHEET

NEW JERSEY DEPARTMENT OF TRANSPORTATION

USACE WATERS OF THE U.S. PERMIT PLANS I-295 / ROUTE 42 MISSING MOVES CONTRACT NO. 026905641

DEWBERRY ENGINEERS, INC. PROFESSIONAL ENGINEER LICENSE NO. 243624020 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 243624020

LEGEND: DELINEATED WETLAND LINE



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E-17

MAY 06 2019

STATE FEDERAL PROJECT NO.  
N.J. HPR-295-1(02)

BOROUGH OF BELLMAWR  
CAMDEN COUNTY

30' 0 30' 60'

SHEET WP-14  
MATCH LINE

SHEET WP-15  
MATCH LINE  
STA. 820+25

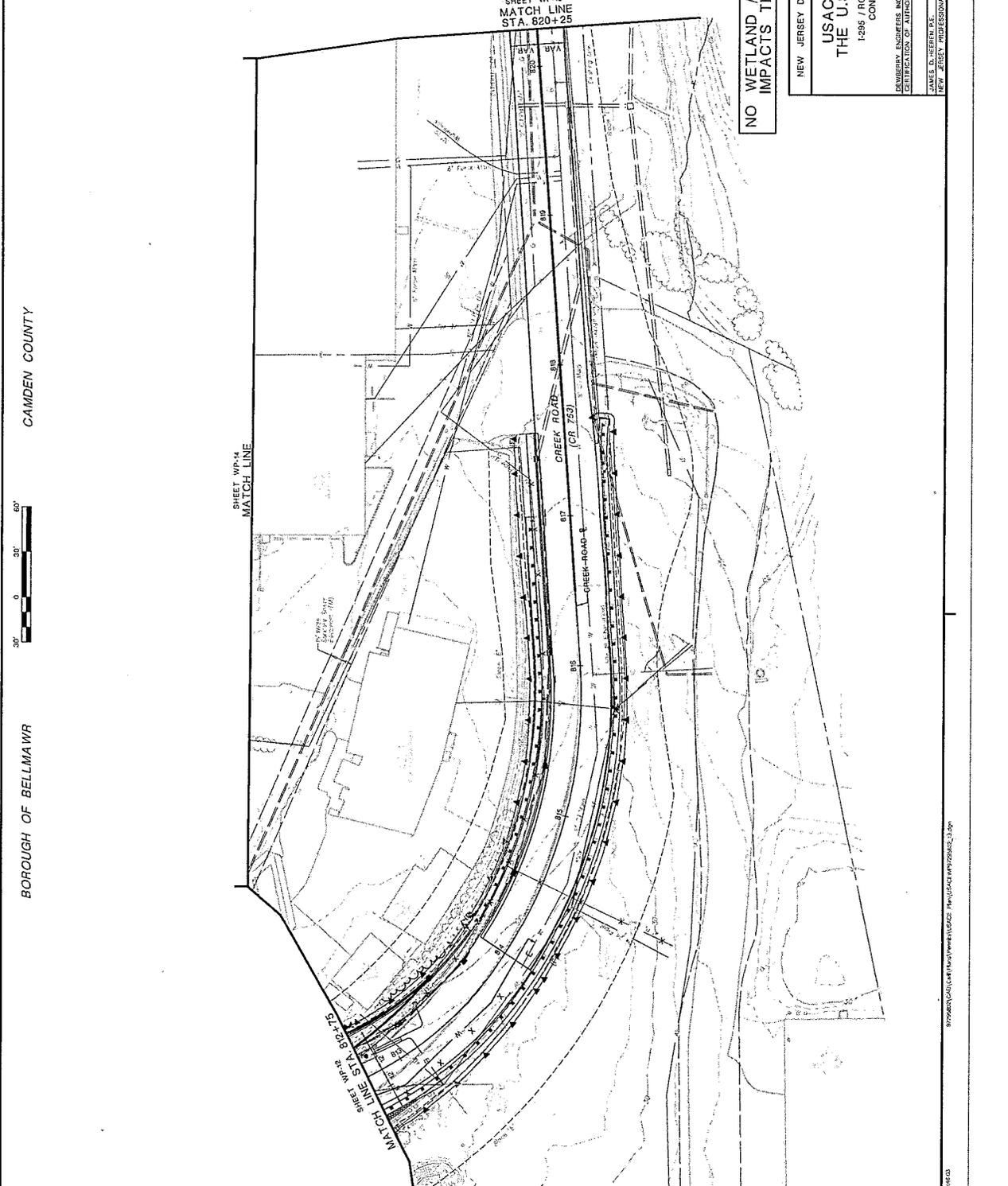
NO WETLAND / OPEN WATER  
IMPACTS THIS SHEET

NEW JERSEY DEPARTMENT OF TRANSPORTATION

USACE WATERS OF  
THE U.S. PERMIT PLANS  
1-295 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 025950541

ENGINEER: JAMES D. REBERT, P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 246243000

18 40



E-18

MAY 06 2019



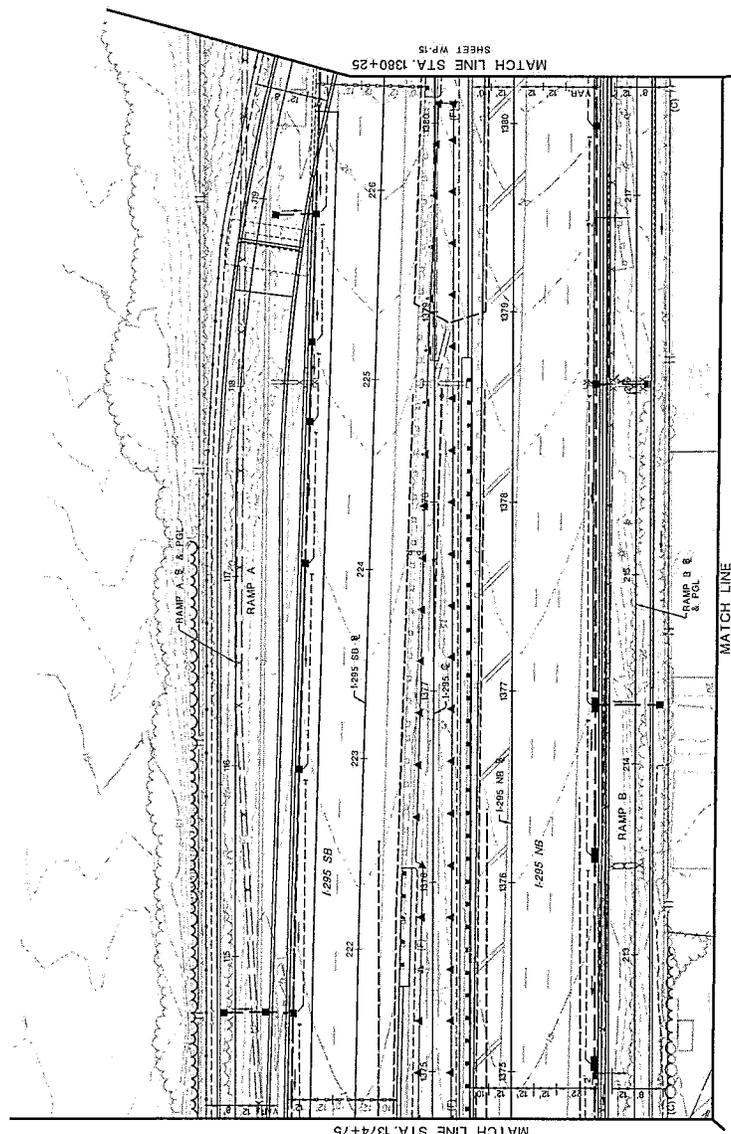
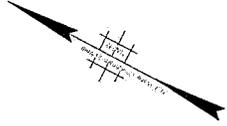
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4/26/2019

09/04/13

BOROUGH OF BELLMAWR CAMDEN COUNTY

STATE FEDERAL PROJECT NO.  
N.J. HPA-295-11001



NO WETLAND / OPEN WATER  
IMPACTS THIS SHEET

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
**USACE WATERS OF  
 THE U.S. PERMIT PLANS**  
 I-295 / ROUTE 42 MISSING MOVES  
 CONTRACT NO. 02B60941

CONVEYED ENGINEERS, INC.  
 CERTIFICATION OF AUTHORIZATION NO. 240738167600  
 JAMES D. HEWEN, P.E.  
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 240684000

17  
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LEGEND:  
 DELINEATED WETLAND LINE



E-19

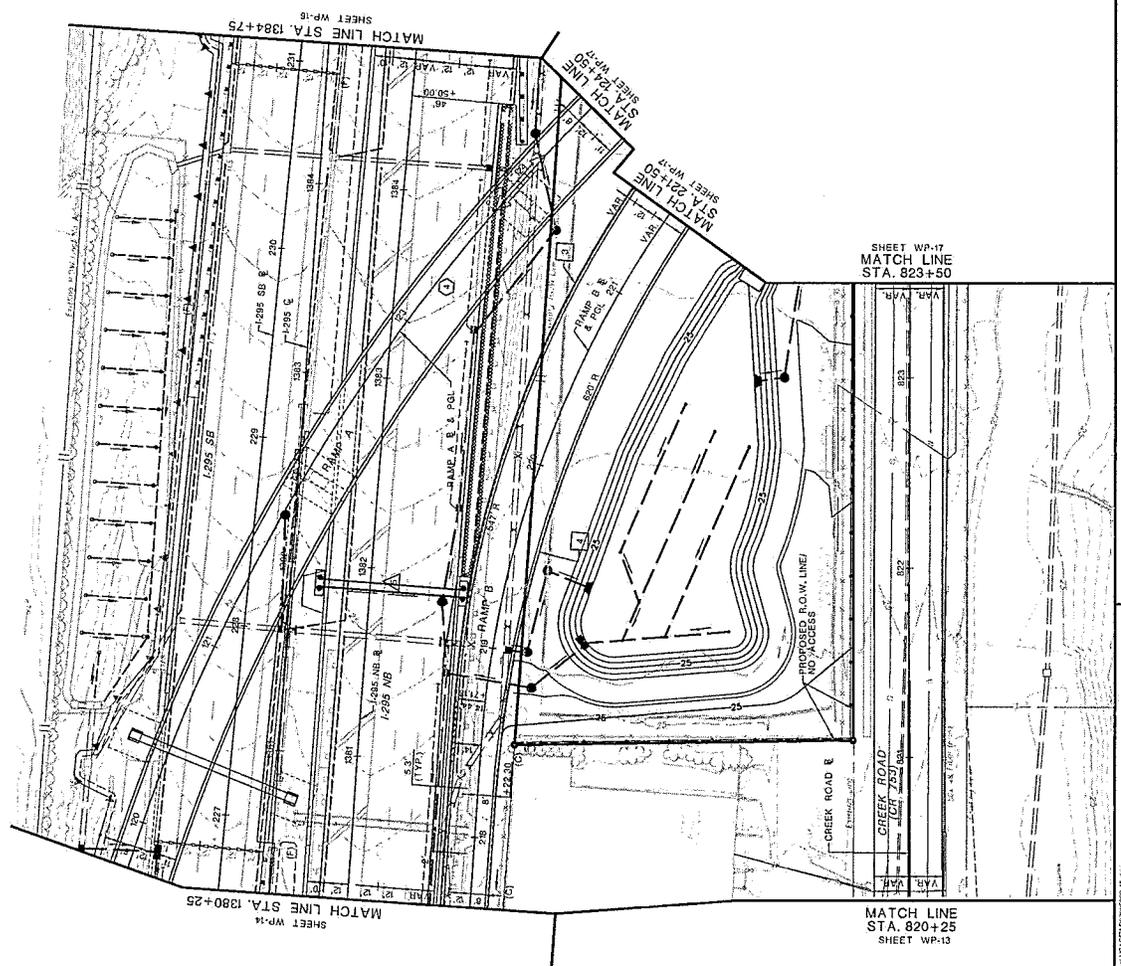
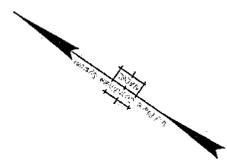
MAY 06 2019

STATE PROJECT NO.  
 N.J. HPR-25-1(100)

CAMDEN COUNTY

BOROUGH OF BELLMAWR

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**NO WETLAND / OPEN WATER  
 IMPACTS THIS SHEET**

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
 USACE

**USACE WATERS OF  
 THE U.S. PERMIT PLANS**  
 I-295 / ROUTE 42 MISSING MOVES  
 CONTRACT NO. 02850541

DEWBERRY ENGINEERS, INC.  
 CERTIFICATION OF AUTHORIZATION NO. 2404280700  
 JAMES D. DEEREN, P.E.  
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 246803000

18  
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E-20

MAY 06 2019

STATE: NEW JERSEY  
SHEET: PERMIT PLAN 102  
N.J. HPP-285-1 (03)

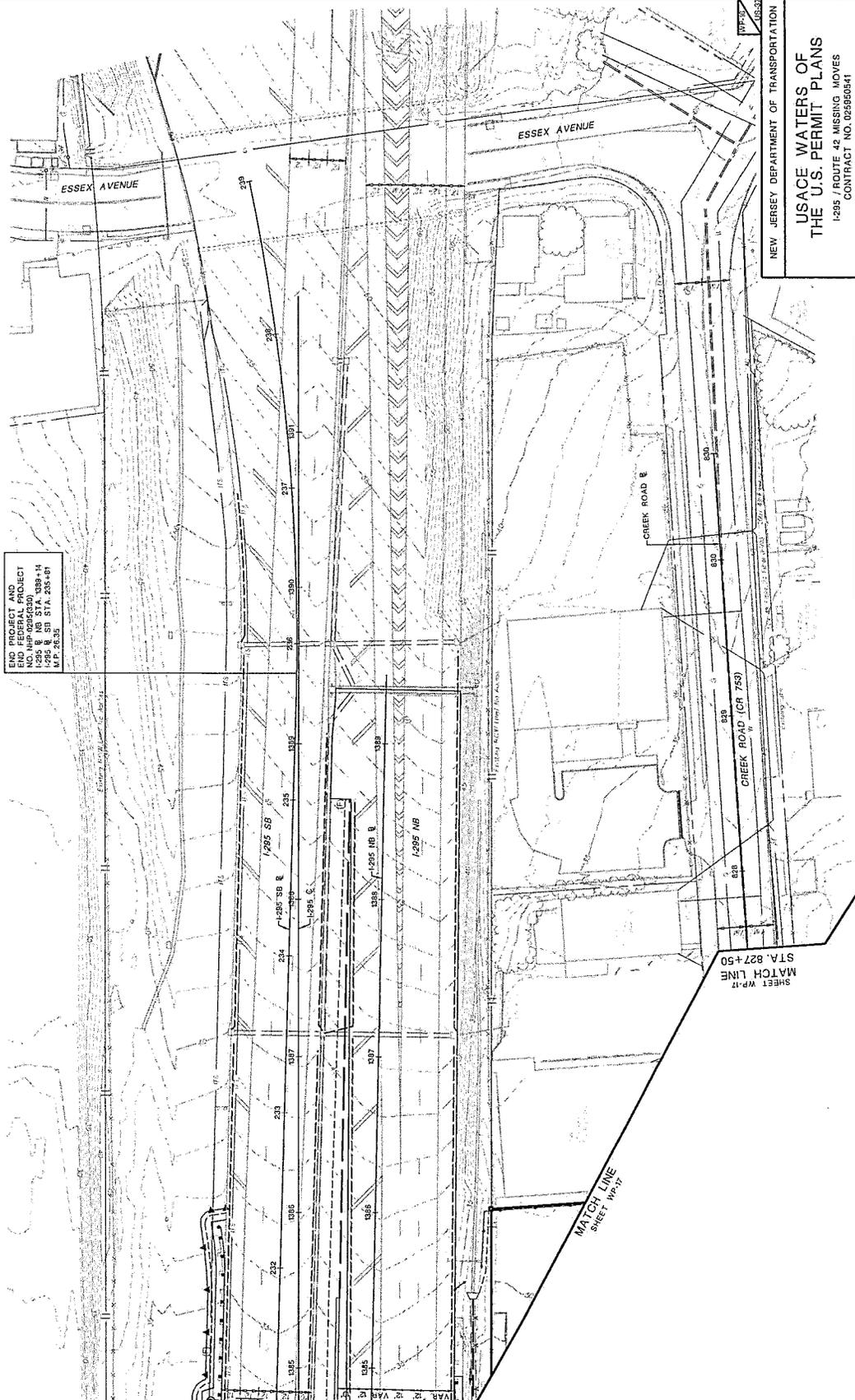
BOROUGH OF BELLMAWR

CAMDEN COUNTY

ESSEX AVENUE

ESSEX AVENUE

END PROJECT AND  
PROJECT SUBJECT  
NO. NHP-0295(030)  
1:295 NB STA. 1384+14  
8' TO STA. 135+01  
M.P. 28.35



NO WETLAND / OPEN WATER  
IMPACTS THIS SHEET

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
USACE WATERS OF THE U.S. PERMIT PLANS  
1:295 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 02980041  
DESIGNED BY: ENGINEERS, P.C.  
CERTIFICATION OF AUTHORIZATION: NO. 24043807500  
JAMES D. GREENE, P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 246602000

19  
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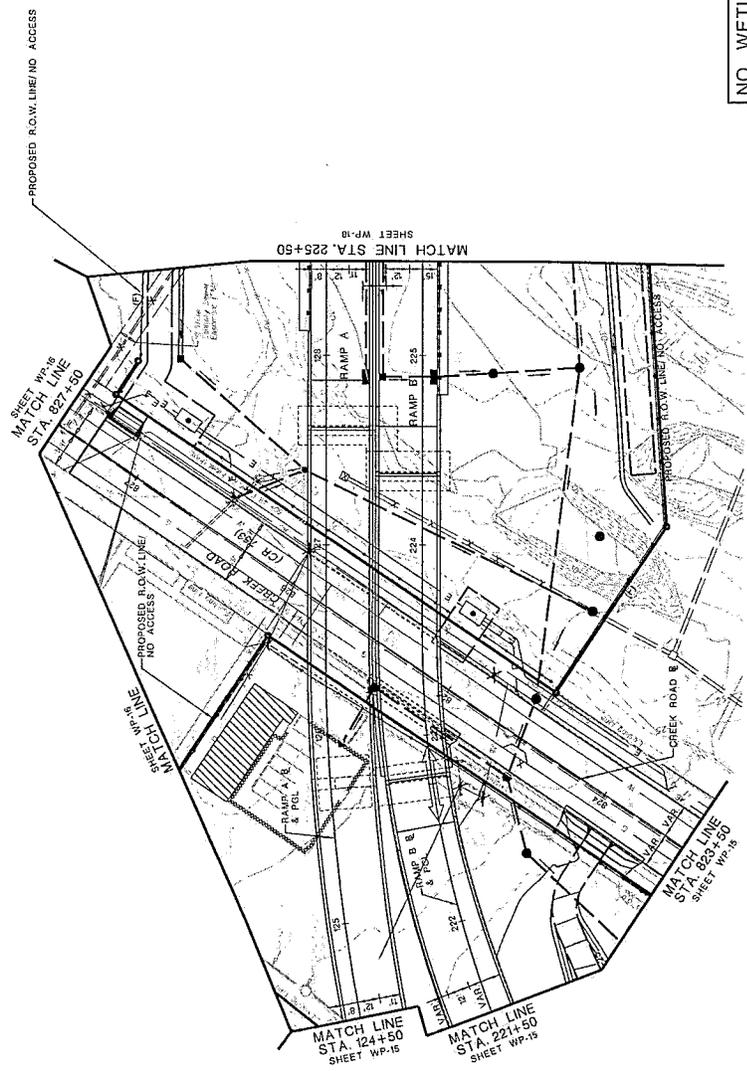
12-3

MAY 06 2019

STATE LICENSE NO. 103  
N.J. HPP-264 (18)

CAMDEN COUNTY

BOROUGH OF BELLMAWR



NO WETLAND / OPEN WATER  
IMPACTS THIS SHEET

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
**USACE WATERS OF  
THE U.S. PERMIT PLANS**  
I-295 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 029805041  
NEW JERSEY ENGINEERS, INC.  
CERTIFICATION OF AUTHORIZATION NO. 24042867900  
JAMES D. WERREN, P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. A165640200

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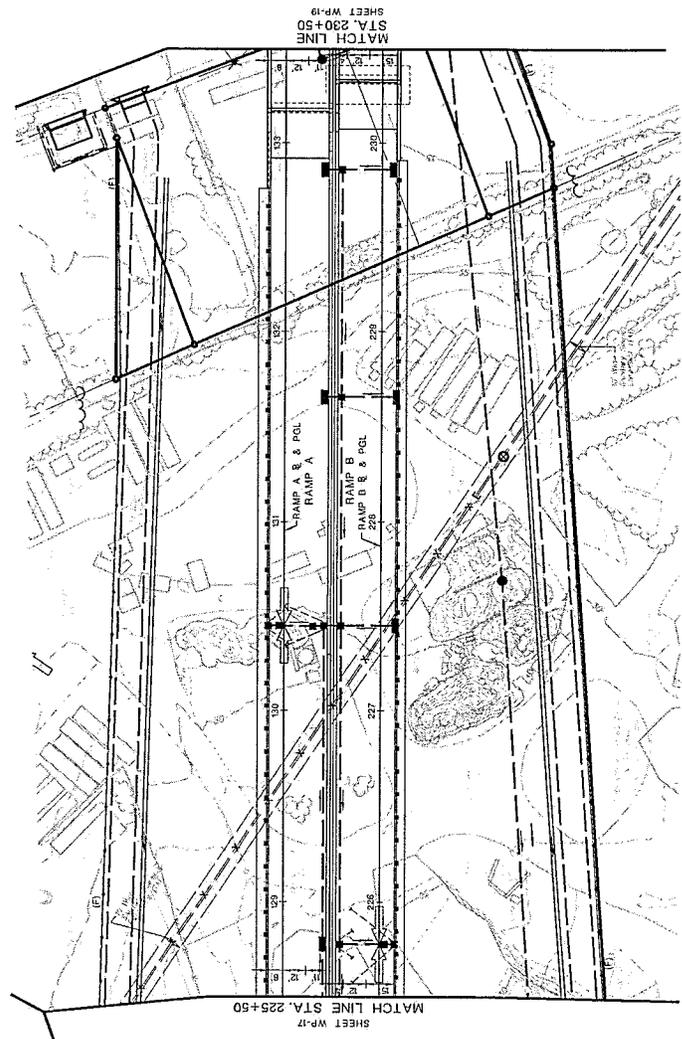


22-E

MAY 06 2019

CAMDEN COUNTY

BOROUGH OF BELLMAWR



NO WETLAND / OPEN WATER IMPACTS THIS SHEET

NEW JERSEY DEPARTMENT OF TRANSPORTATION
USACE WATERS OF THE U.S. PERMIT PLANS
1285 / ROUTE 42 MISSING MOVES
CONTRACT NO. 028950541
ENGINEER: JAMES D. MEEREN, P.E.

21
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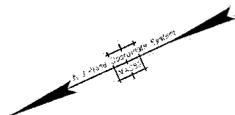
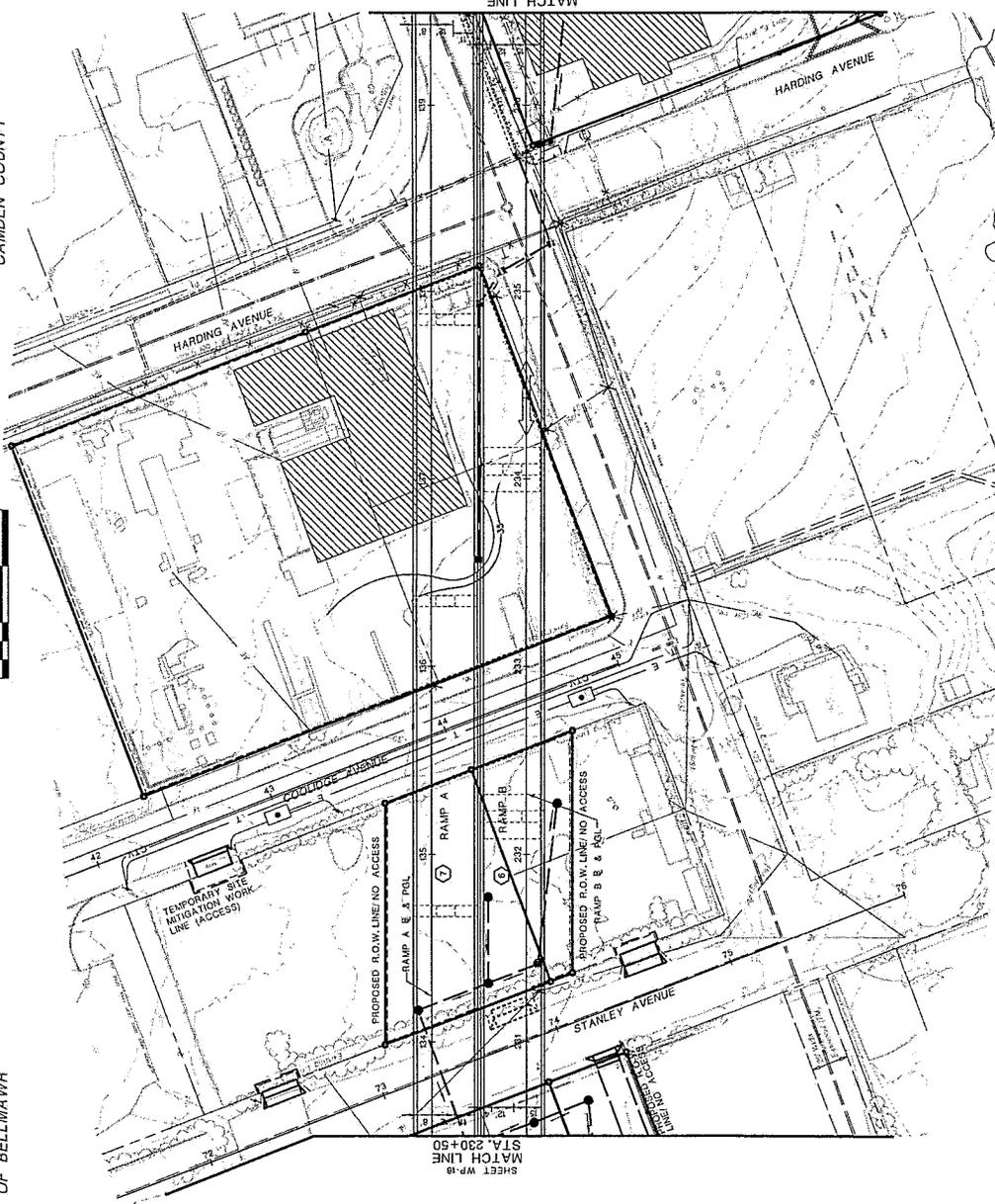
E-23

MAY 06 2019

STATE OF NEW JERSEY  
N.J. HPP-2651 (03)

CAMDEN COUNTY

BOROUGH OF BELLMAWR



SHEET WP-18  
MATCH LINE  
STA. 230+50

SHEET WP-23  
MATCH LINE  
STA. 236+50

NO WETLAND / OPEN WATER  
IMPACTS THIS SHEET

APP-33  
CLASS

NEW JERSEY DEPARTMENT OF TRANSPORTATION

USACE WATERS OF  
THE U.S. PERMIT PLANS  
1-2816 / ROUTE 49 MISSING MOVES  
CONTRACT NO. 028960641

DEWBERRY ENGINEERS, INC.  
CERTIFICATION OF AUTHORIZATION NO. 240328247500  
JAMES D. HEEREN, P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 2406801000

22  
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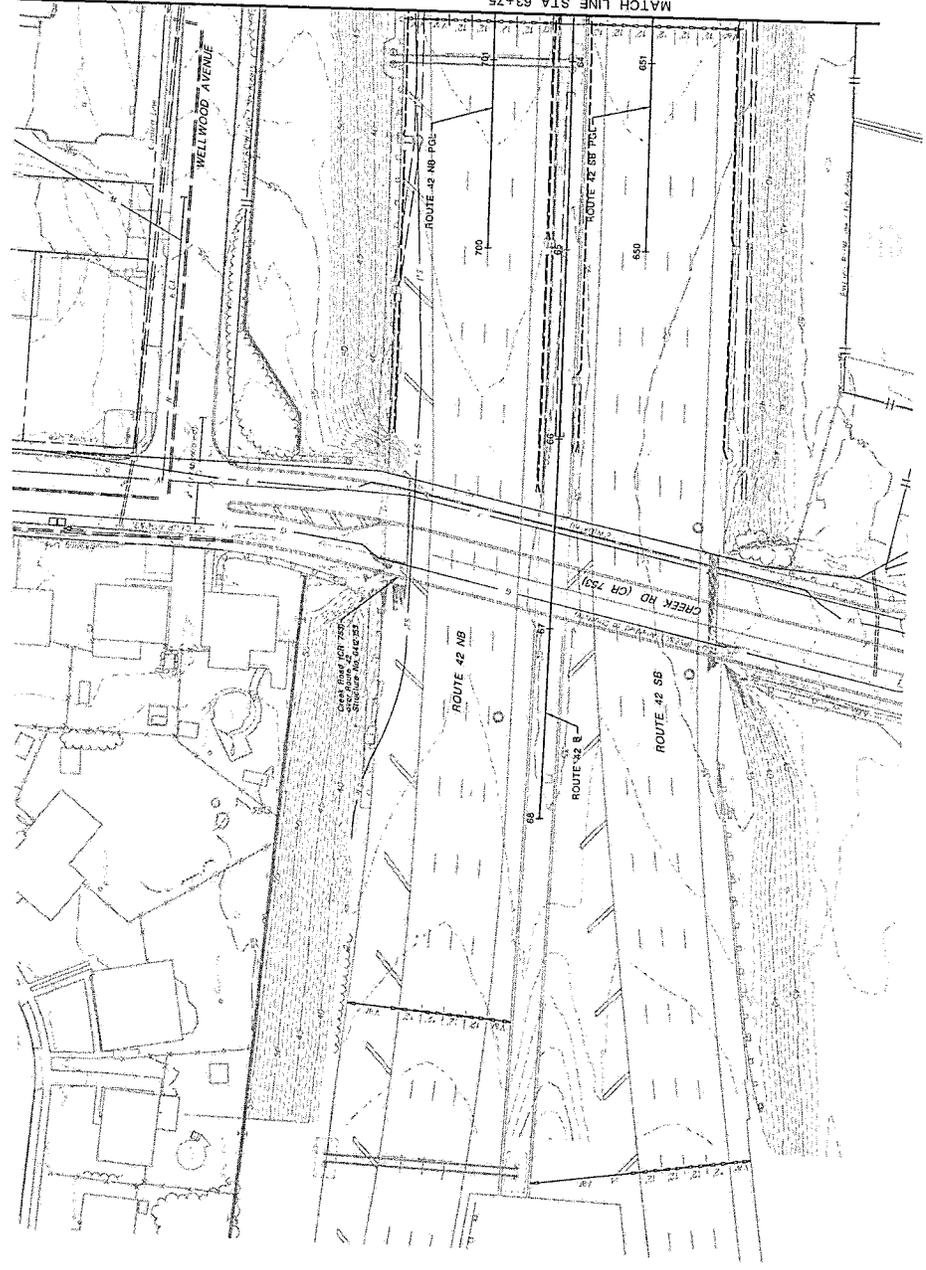
MAY 06 2019

E-24

DATE: FEDERAL ROAD DIST. NO.  
N.J. H.P. 9541 (R3)



BOROUGH OF BELLMAR CAMDEN COUNTY



MATCH LINE STA. 63+75  
SHEET WP-21

NO WETLAND / OPEN WATER  
IMPACTS THIS SHEET



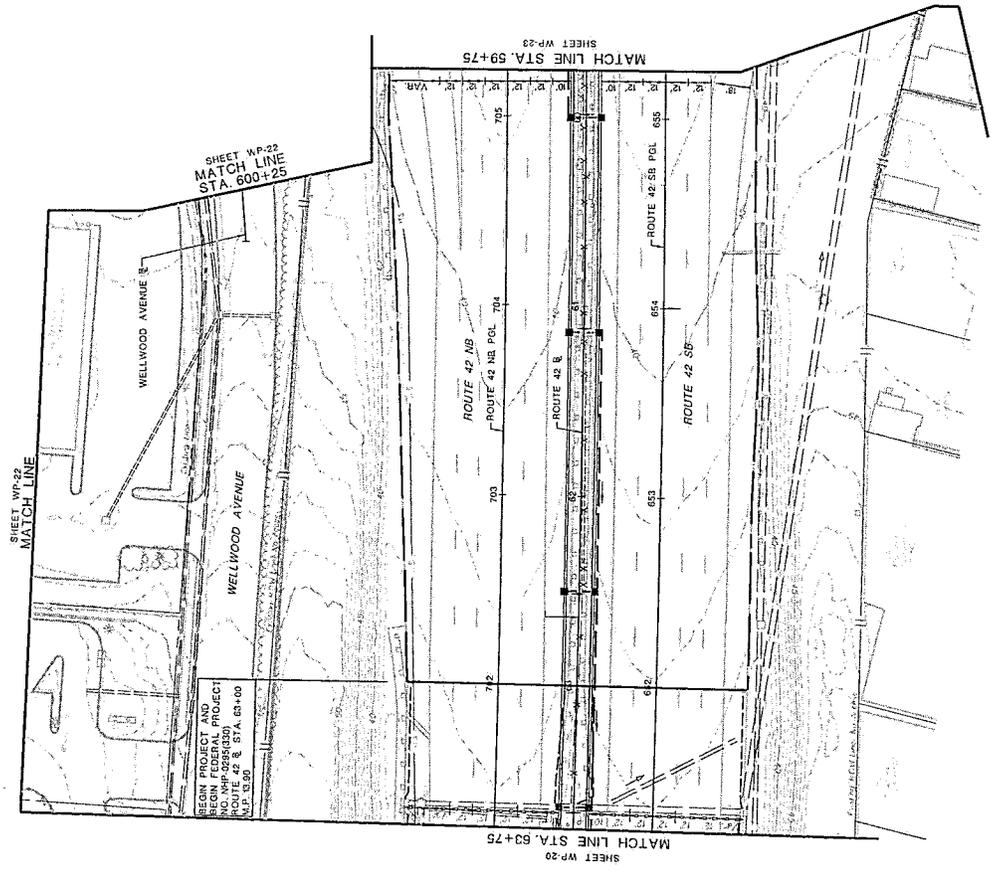
NEW JERSEY DEPARTMENT OF TRANSPORTATION  
USACE WATERS OF  
THE U.S. PERMIT PLANS  
1995 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 02988041  
GENERAL CONTRACTOR:  
JAMES D. NEEREN, P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 246840000  
23  
410

E-25

STATE: NEW JERSEY PROJECT NO: 1502  
 N.J. H.P. 23541 (03)

CAMDEN COUNTY

BOROUGH OF BELLMAWR



NO WETLAND / OPEN WATER  
 IMPACTS THIS SHEET

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
 USACE WATERS OF  
 THE U.S. PERMIT PLANS  
 1295 / ROUTE 42 MGSING MOVES  
 CONTRACT NO. 05960541  
 NEW JERSEY ENGINEERS, INC.  
 CERTIFICATION OF AUTHORIZATION NO. 210A2027600  
 JAMES D. KEREN, P.E.  
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. Z46040000

24  
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5-26

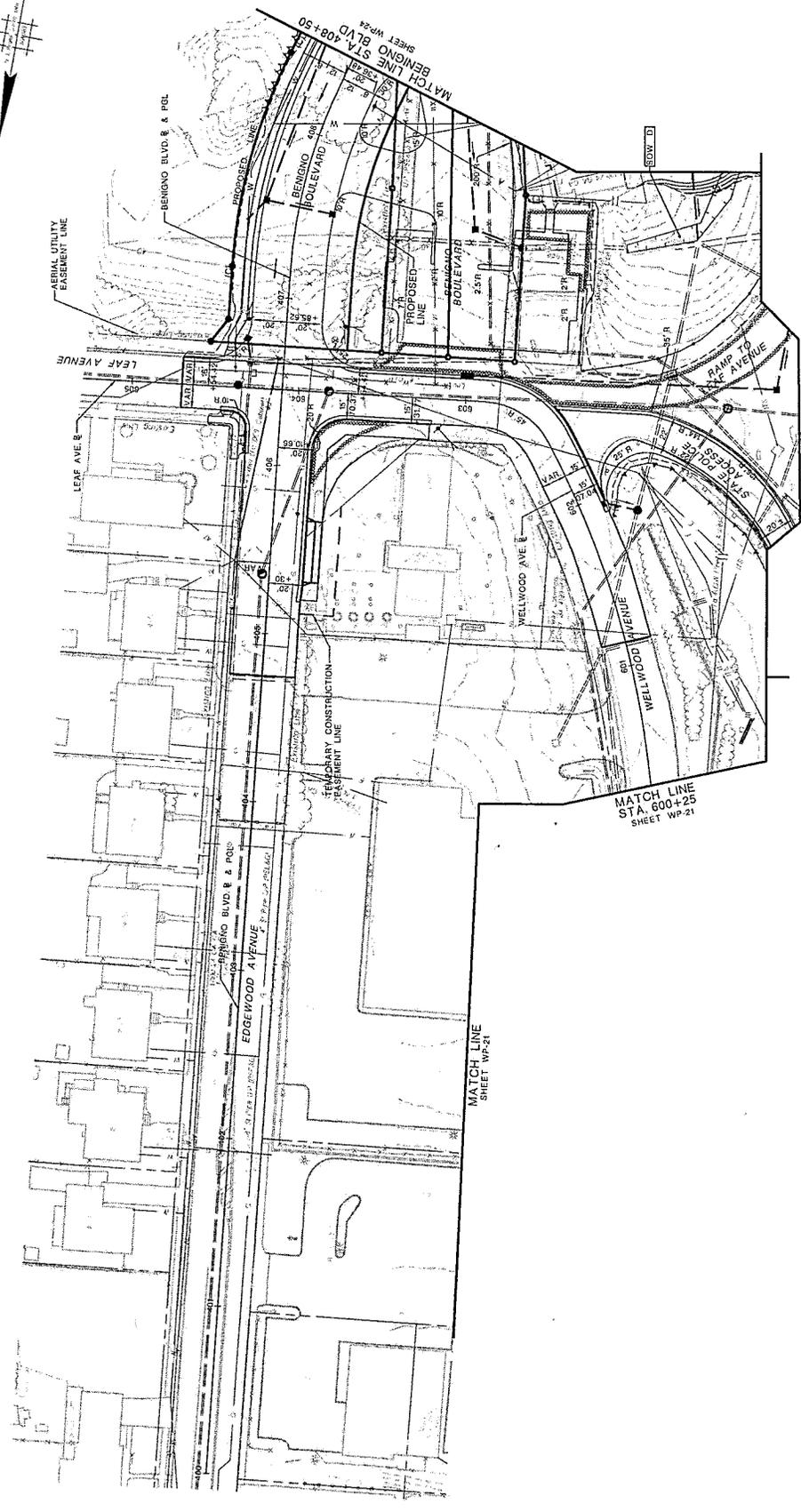
MAY 06 2019

CAMDEN COUNTY

BOROUGH OF BELLMAWR



STATE FEDERAL PROJECT NO.  
N.J. HPP-2851 (R3)



HPP-2851  
NEW JERSEY DEPARTMENT OF TRANSPORTATION

USACE WATERS OF  
THE U.S. PERMIT PLANS  
I-285 /ROUTE 42 MISSING MOVES  
CONTRACT NO. 028950941

CONTRACT NO. 028950941  
DESIGNED BY: JAMES O. MEYER, P.E.  
CHECKED BY: JAMES O. MEYER, P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 2162840300

NO WETLAND / OPEN WATER  
IMPACTS THIS SHEET

MATCH LINE  
SHEET WP-23

MATCH LINE  
STA. 600+25  
SHEET WP-21

MATCH LINE  
SHEET WP-21

MATCH LINE  
STA. 408+50  
SHEET WP-24



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E-27

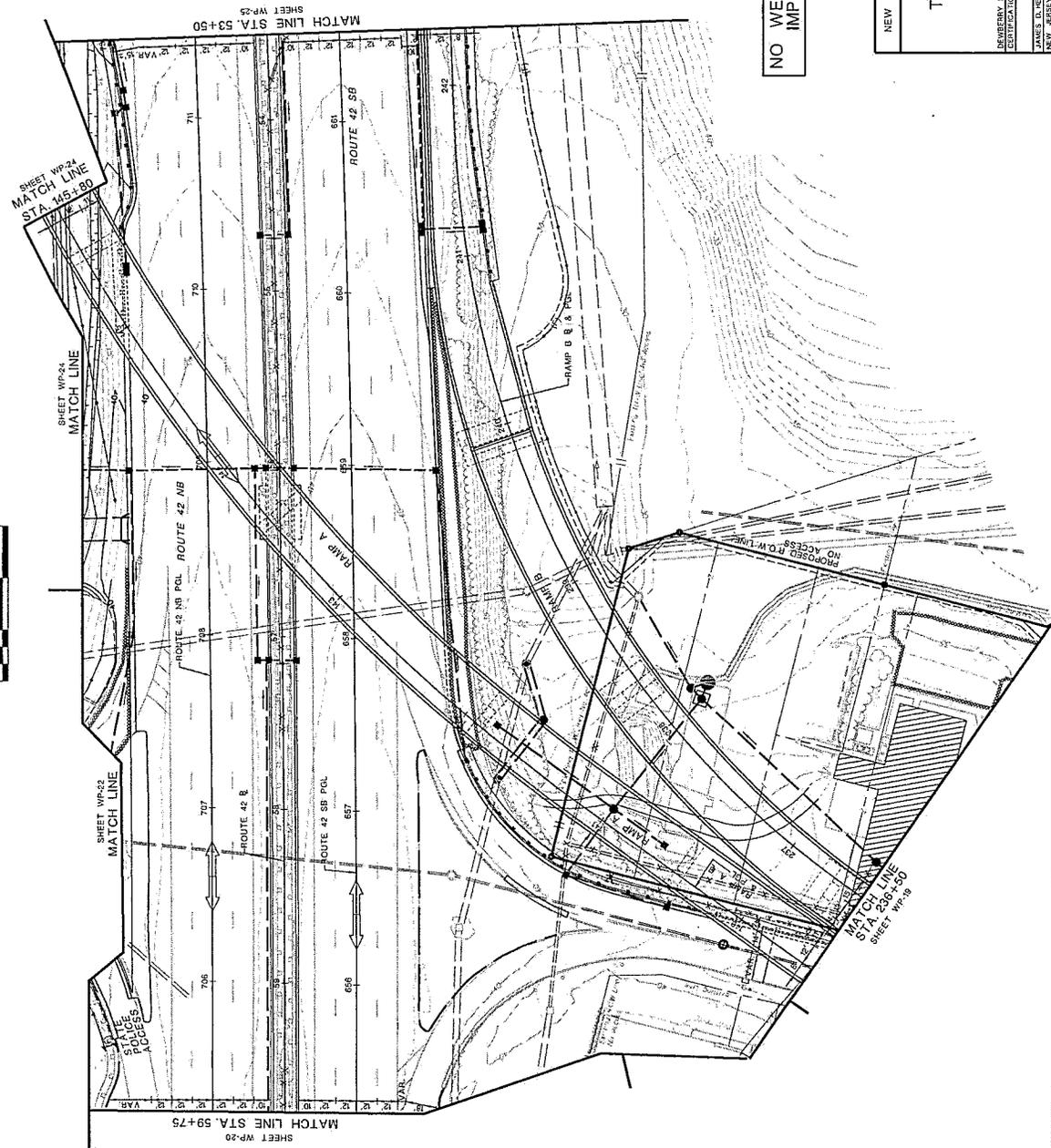
MAY 06 2019

STATE FEDERAL PROJECT NO.  
N.J. RFP-2015-1 (B3)

BOROUGH OF BELLMAWR

CAMDEN COUNTY

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NO WETLAND / OPEN WATER  
IMPACTS THIS SHEET

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
USACE WATERS OF  
THE U.S. PERMIT PLANS  
1285 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 025950541  
JAMES D. NEERBET P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 2404202700  
28  
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E-28

MAY 06 2019



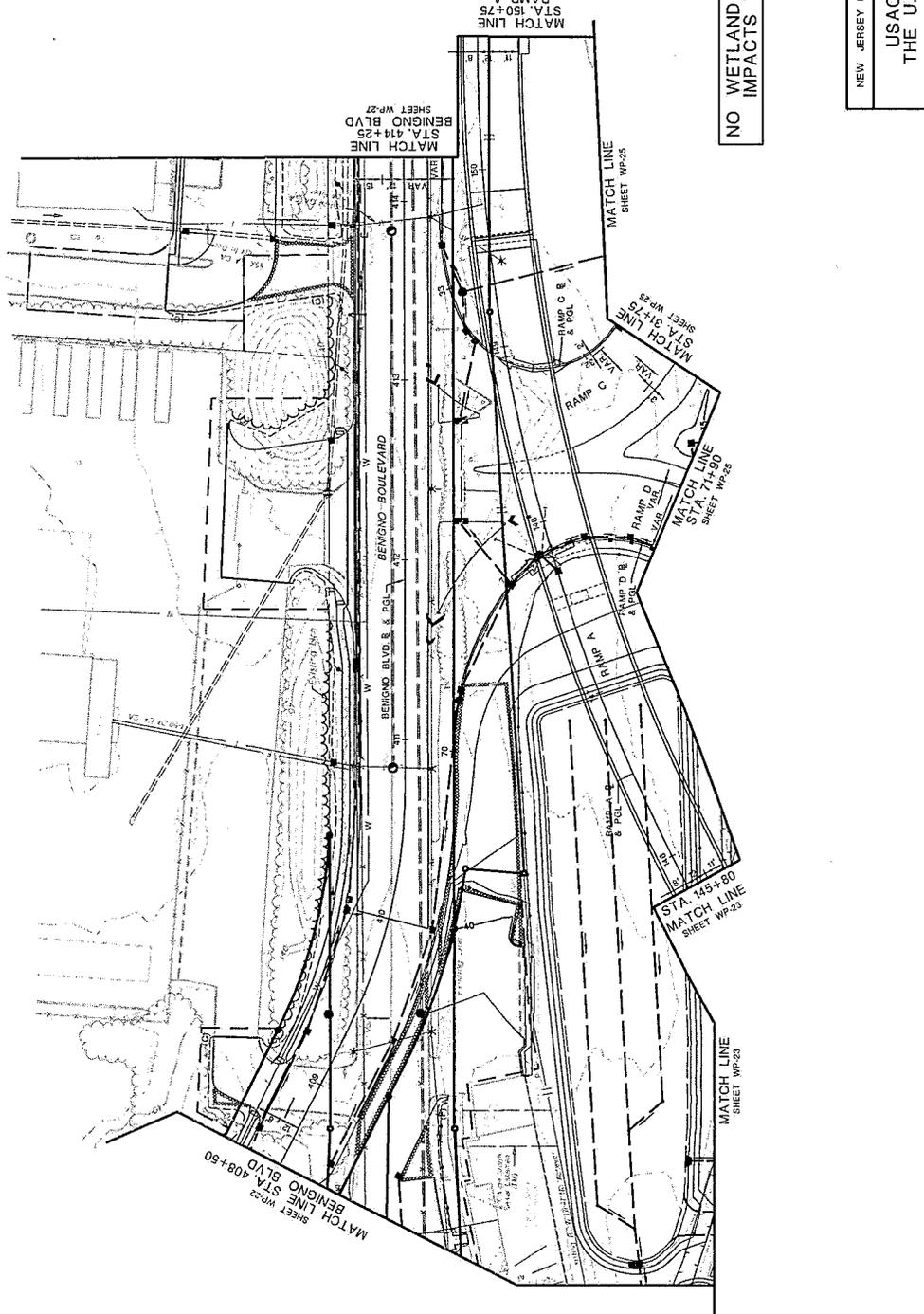
BOROUGH OF BELLMAWR

CAMDEN COUNTY

STATE: DELAWARE PROJECT NO. N.A. WPP-25-1 (60)

DATE: 11/20/09

SCALE: 1"=30'



NO WETLAND / OPEN WATER IMPACTS THIS SHEET



NEW JERSEY DEPARTMENT OF TRANSPORTATION  
 USACE  
 USACE WATERS OF THE U.S. PERMIT MOVES  
 I-295 / ROUTE 42 MISSING MOVES  
 CONTRACT NO. 02B90541  
 ENGINEER: JAMES D. KEENE, P.E.  
 CERTIFICATION OF AUTHORIZATION NO. 240A0007600  
 SHEET NO. 27 OF 40

E-29

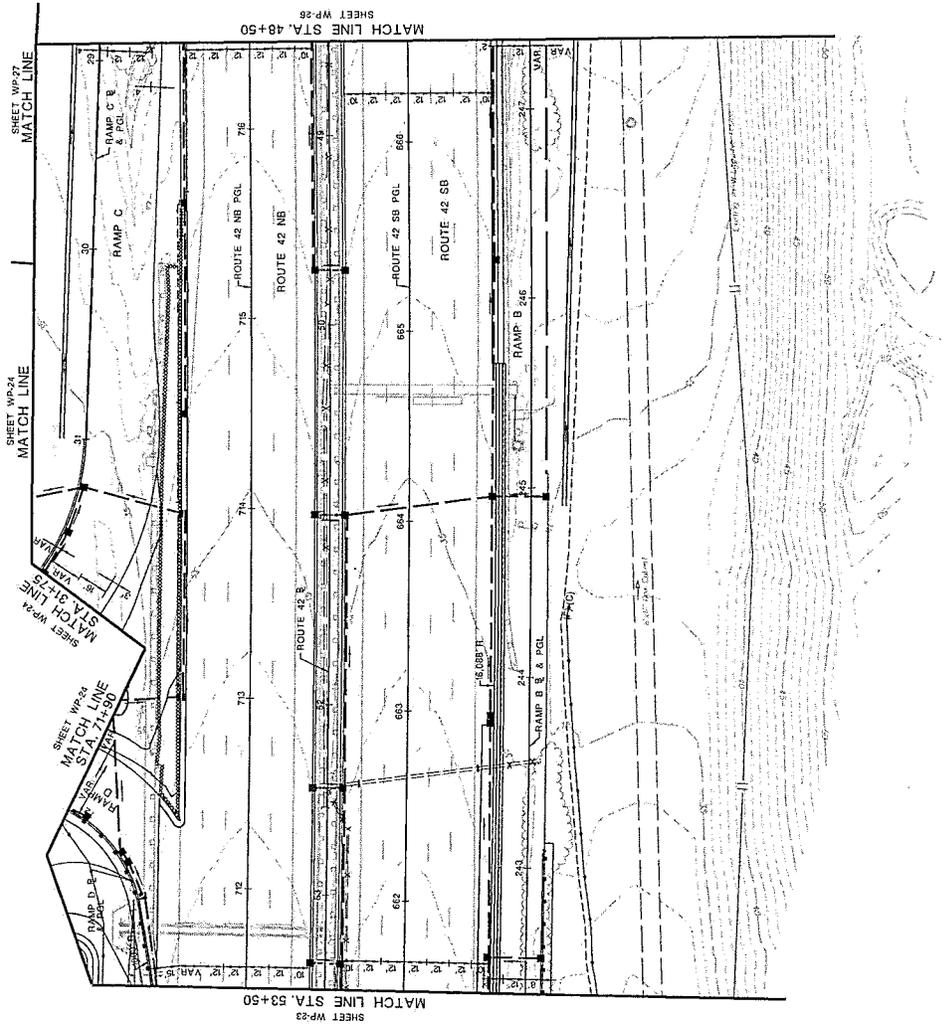
MAY 06 2019

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BOROUGH OF BELLMAWR

CAMDEN COUNTY

STATE: NEW JERSEY  
N.A.: N/A  
PROJECT: WPP-08-1 (08)



NO WETLAND / OPEN WATER  
IMPACTS THIS SHEET

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
USACE WATERS OF  
THE U.S. PERMIT PLANS  
1-296 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 025695941  
STATEWIDE ENGINEERS, INC.  
CERTIFICATION OF AUTOMATIC NO. 24043047650  
JAMES D. HERREN, P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 2404304000

28  
4.0



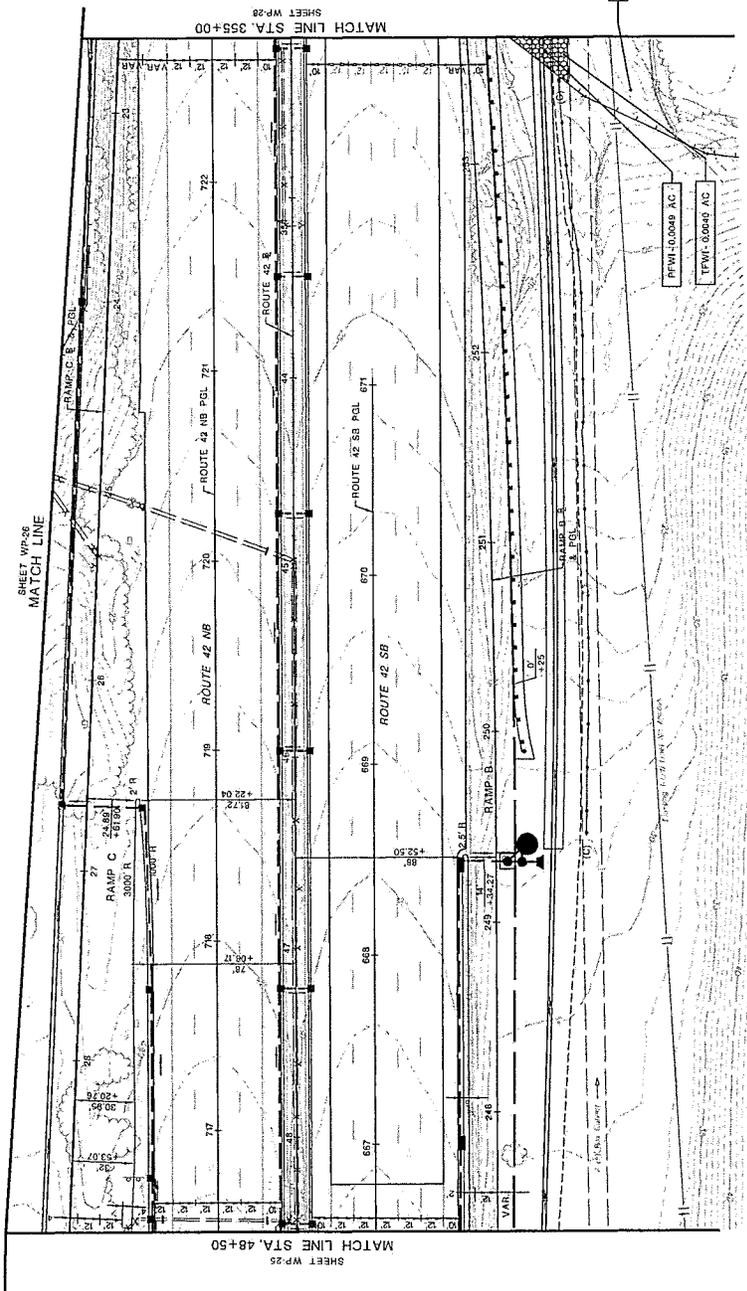
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E-30

MAY 06 2019

STATE: NJ FEDERAL PROJECT NO: N.J. HPP-086-1 (P2)

BOROUGH OF BELLMAWR CAMDEN COUNTY



- LEGEND:**
- BORING LOCATION
  - MEAN HIGH WATER LINE (MSL)
  - HIGH TIDE LINE / SPRING HIGH TIDE LINE (ELEVATION 4.33' NAVD 1988)
  - DELINEATED WETLAND LINE
  - ▨ PERMANENT FRESHWATER WETLAND IMPACT (PFWI)
  - ▨ PERMANENT INTERTIDAL SHALLOWS IMPACT (PIBI)
  - ▨ PERMANENT STATE OPEN WATER IMPACT (PSOW)
  - ▨ TEMPORARY FRESHWATER WETLAND IMPACT (TFWI)
  - ▨ TEMPORARY INTERTIDAL SHALLOWS IMPACT (TIBI)
  - ▨ TEMPORARY STATE OPEN WATER IMPACT (TSOW)

WETLANDS (FBI AC)	PERMANENT FRESHWATER WETLANDS (PFWI)	PERMANENT INTERTIDAL SHALLOWS (PIBI)	PERMANENT STATE OPEN WATER (PSOW)	TEMPORARY FRESHWATER WETLANDS (TFWI)	TEMPORARY INTERTIDAL SHALLOWS (TIBI)	TEMPORARY STATE OPEN WATER (TSOW)	TOTAL IMPACT
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
**USACE WATERS OF THE U.S. PERMIT PLANS**  
 1-295 / ROUTE 42 MISSING MOVES  
 CONTRACT NO. 029505941

NEW JERSEY ENGINEERS, INC.  
 CERTIFICATION OF AUTORIZATION NO. 24042047260

JAMES D. HEEREN, P.E.  
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 240420400

29  
 4/0



PROJECT: 1-295 / ROUTE 42 MISSING MOVES SHEET: 1-295 / ROUTE 42 MISSING MOVES\_29

E-31

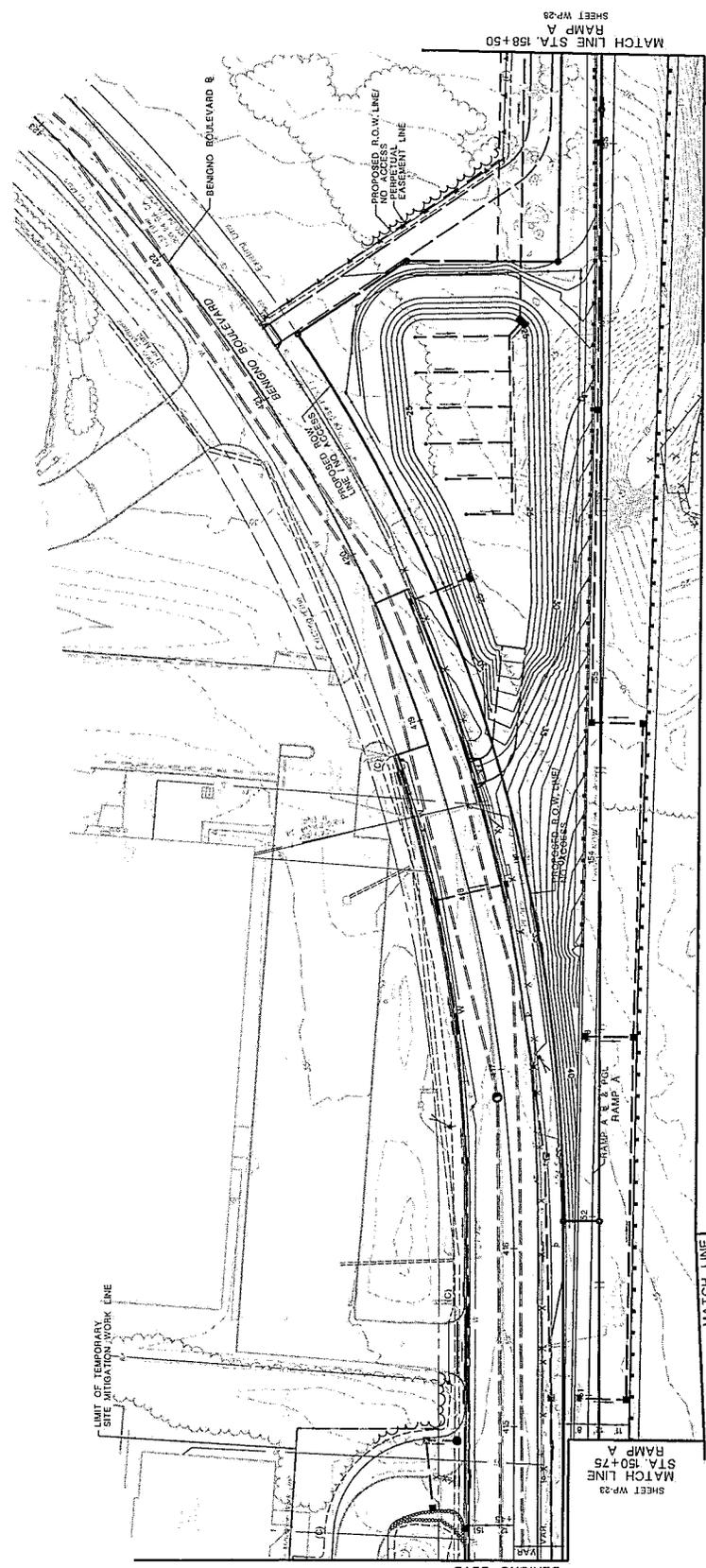
MAY 06 2019

CAMDEN COUNTY

BOROUGH OF BELLMAWR



DATE: 12/15/10  
SHEET: WP-23



MATCH LINE  
SHEET WP-23

MATCH LINE  
SHEET WP-26

MATCH LINE  
STA. 414+25  
SHEET WP-24

MATCH LINE  
STA. 150+75  
RAMP A  
SHEET WP-23

MATCH LINE  
STA. 158+50  
RAMP A  
SHEET WP-23

NO WETLAND / OPEN WATER  
IMPACTS THIS SHEET

LEGEND:  
DELINEATED WETLAND LINE

NEW JERSEY DEPARTMENT OF TRANSPORTATION

**USACE WATERS OF THE U.S. PERMIT PLANS**  
I-295 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 059850541

DEWBERRY ENGINEERS, INC.  
CERTIFICATION OF AUTHORIZATION NO. 2400029760  
CLARENCE D. HEDRICK, P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 2436204000

30  
410



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E-32

MAY 06 2019

STATE | FEDERAL PROJECT NO. | N.J. | HPP-254 (10)

NEW JERSEY DEPARTMENT OF TRANSPORTATION

USACE WATERS OF THE U.S. PERMIT PLANS

1285 /ROUTE 42 MISSING MOVES

CONTRACT NO. 02680041

ENGINEER: ENGINEERS INC.

CERTIFICATION OF AUTHORIZATION NO. 2403827200

JAMES D. REBER, D.E.

NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 242684000

31

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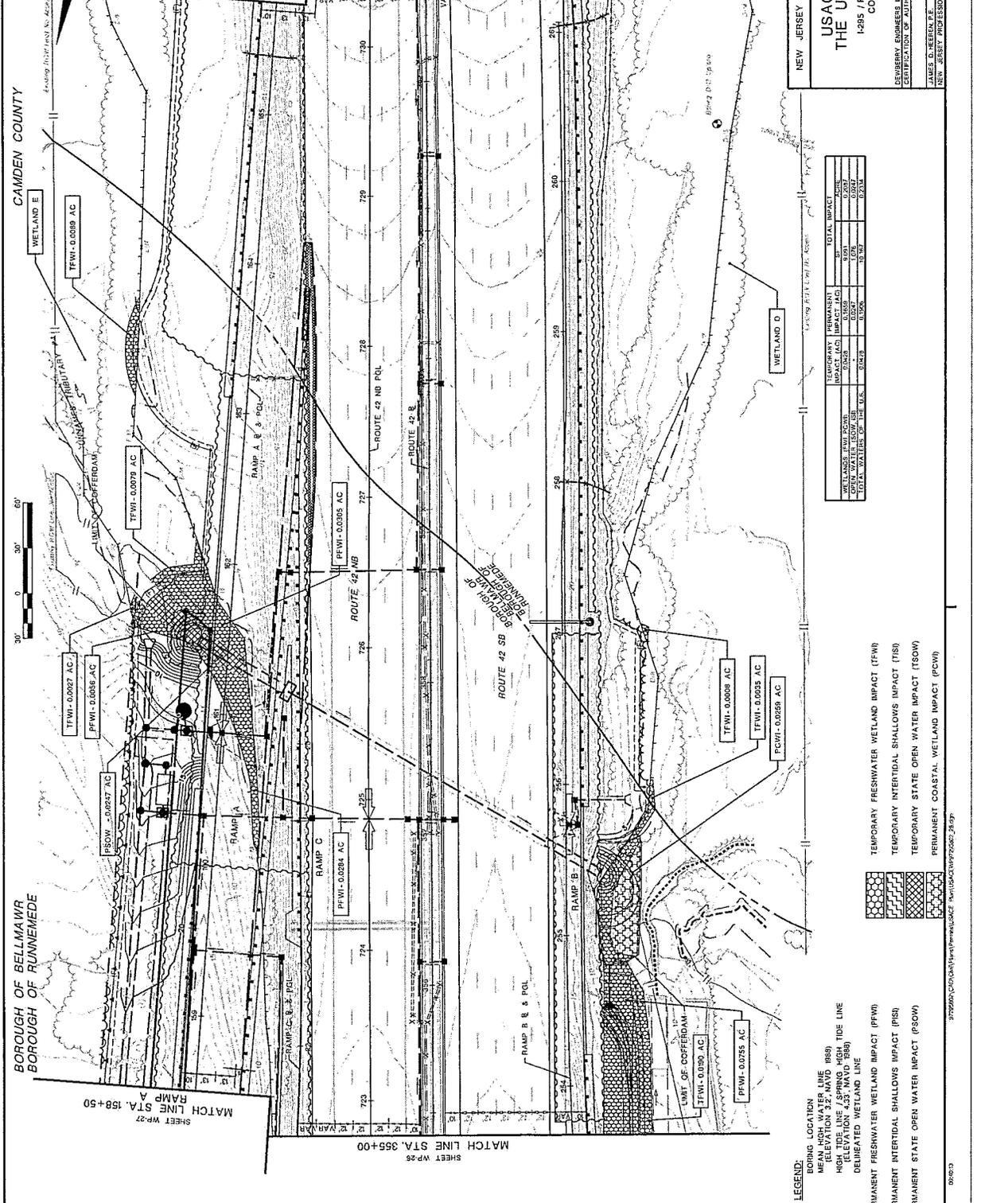
4/20/13

02680041

02680041

02680041

02680041



MATCH LINE STA. 158+50  
SHEET WP-27  
BOROUGH OF BELLMAWR  
BOROUGH OF RUNNEMEDE

MATCH LINE STA. 365+00  
SHEET WP-28

MATCH LINE STA. 362+75  
SHEET WP-29

WETLANDS WITH ECHO	TEMPORARY IMPACT (AC)	PERMANENT IMPACT (AC)	TOTAL IMPACT
WETLANDS WITH ECHO	0.0027	0.0027	0.0054
OPEN WATER (ECHO)	0.0000	0.0000	0.0000
TOTAL WATERS OF THE U.S.	0.0027	0.0027	0.0054

TEMPORARY FRESHWATER WETLAND IMPACT (FWI)	TEMPORARY INTERTIDAL SHALLOWS IMPACT (TISI)	TEMPORARY STATE OPEN WATER IMPACT (TSOW)	PERMANENT COASTAL WETLAND IMPACT (PCWI)
0.0027	0.0027	0.0027	0.0027

- PERMANENT FRESHWATER WETLAND IMPACT (FWI)
- PERMANENT INTERTIDAL SHALLOWS IMPACT (PISI)
- PERMANENT STATE OPEN WATER IMPACT (PSOW)

- BORING LOCATION
- MEAN TIDE LINE (ELEVATION 127 NAVD 1988)
- HIGH TIDE LINE / SPRING HIGH TIDE LINE (ELEVATION 129 NAVD 1988)
- DELIMITED WETLAND LINE

LEGEND:

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02680041

02680041

02680041

5-33

MAY 06 2019

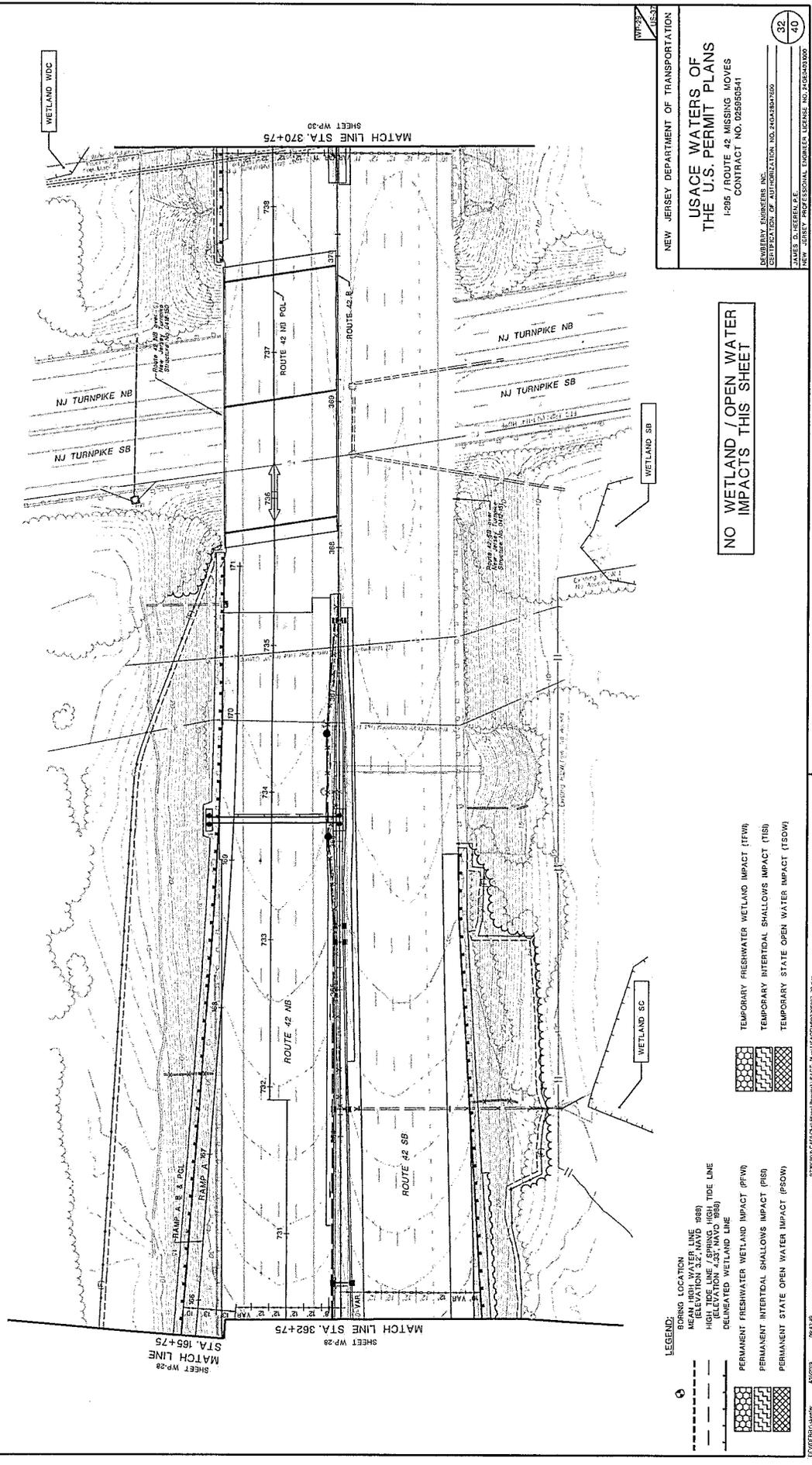
Dewberry

CAMDEN COUNTY

BOROUGH OF RUNNEMEDE



STATE OF NEW JERSEY  
N.J. HP2084(103)



NEW JERSEY DEPARTMENT OF TRANSPORTATION

**USACE WATERS OF THE U.S. PERMIT PLANS**  
I-95 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 05590541

DEWBERRY ENGINEERS INC.  
REGISTERED PROFESSIONAL ENGINEER, LICENSE NO. Z46440000  
JAMES D. HERGEN P.E.

32  
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**NO WETLAND / OPEN WATER IMPACTS THIS SHEET**

- LEGEND:**
- BORING LOCATION
  - MEAN HIGH WATER LINE (MHWL)
  - HIGH TIDE LINE / SPRING HIGH TIDE LINE (ELEVATION 4.23' MAND 1988)
  - DELINEATED WETLAND LINE
  - PERMANENT FRESHWATER WETLAND IMPACT (PFWI)
  - PERMANENT INTERTIDAL SHALLOWS IMPACT (PISI)
  - PERMANENT STATE OPEN WATER IMPACT (PSOW)
  - TEMPORARY FRESHWATER WETLAND IMPACT (TFWI)
  - TEMPORARY INTERTIDAL SHALLOWS IMPACT (TISI)
  - TEMPORARY STATE OPEN WATER IMPACT (TSOW)

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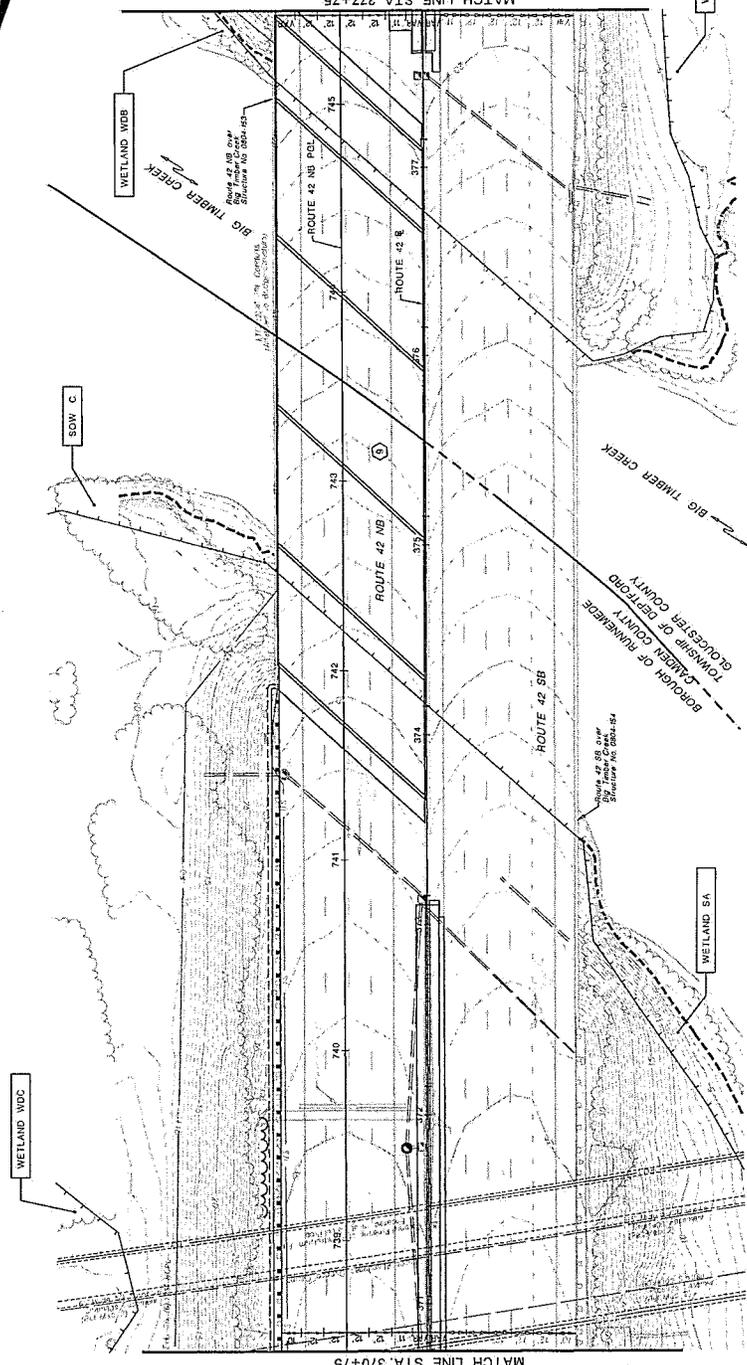
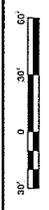


MAY 06 2019

E-34

TOWNSHIP OF DEPTFORD  
GLOUCESTER COUNTY

BOROUGH OF RUNNEMEDE  
CAMDEN COUNTY



- LEGEND:**
- ⊙ BORING LOCATION
  - MEAN HIGH WATER LINE (ELEVATION 3.2' NAVD 1988)
  - - - HIGH TIDE LINE (ELEVATION 4.5' NAVD 1988)
  - DELINEATED WETLAND LINE
  - ▨ PERMANENT FRESHWATER WETLAND IMPACT (PFWI)
  - ▩ PERMANENT INTERTIDAL SHALLOWS IMPACT (PISI)
  - ▧ PERMANENT STATE OPEN WATER IMPACT (PSOWI)
  - ▦ TEMPORARY FRESHWATER WETLAND IMPACT (TFWI)
  - ▤ TEMPORARY INTERTIDAL SHALLOWS IMPACT (TISI)
  - ▥ TEMPORARY STATE OPEN WATER IMPACT (TSOWI)

**NO WETLAND / OPEN WATER IMPACTS THIS SHEET**

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
**USACE WATERS OF THE U.S. PERMIT PLANS**  
 1-285 / ROUTE 42 MISSING MOVES  
 CONTRACT NO. U28506041

ESCHERICH ENGINEERS, INC.  
 CERTIFICATION OF AUTHORIZATION NO. 24024820200  
 JAMES D. WIEBERT, P.E.  
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 446800000

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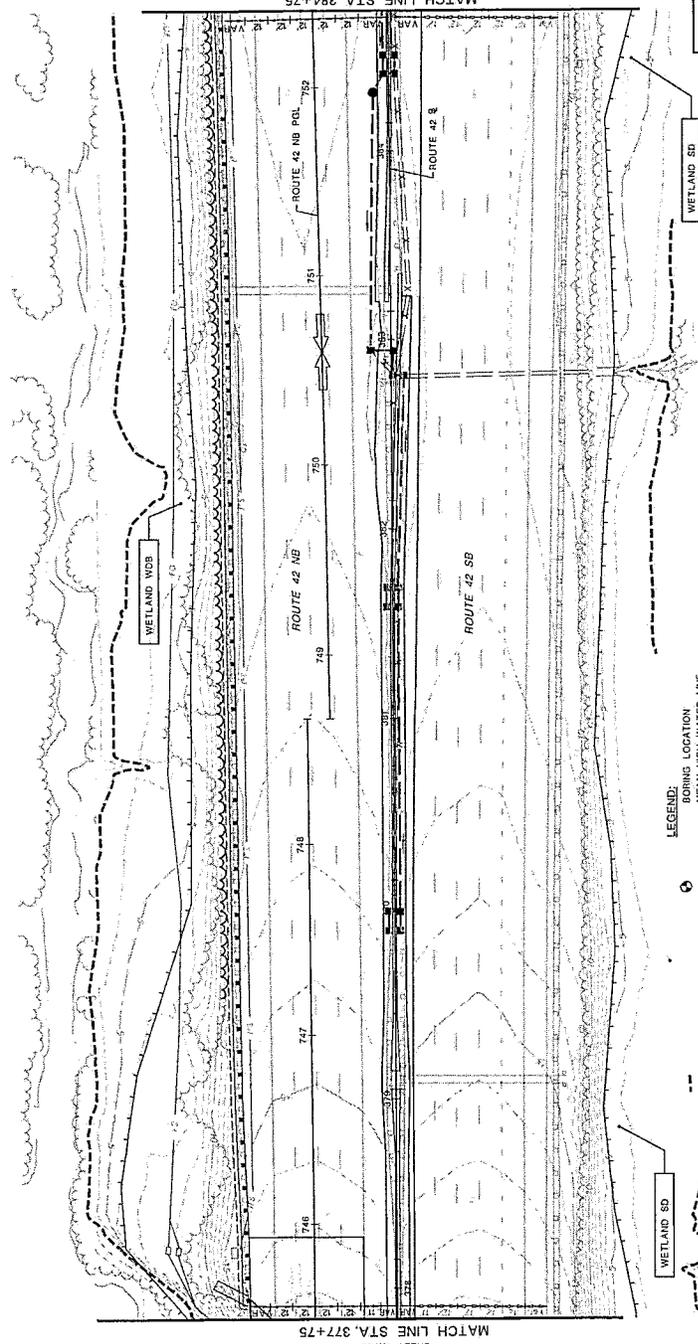
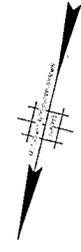
E-35

MAY 06 2019



STATE OF NEW JERSEY  
 N.J. HPP-265-1(03)

TOWNSHIP OF DEPTFORD  
 GLOUCESTER COUNTY



MATCH LINE STA. 377+75  
 SHEET WP-30

MATCH LINE STA. 384+75  
 SHEET WP-32

- LEGEND:**
- BORING LOCATION
  - MEAN HIGH WATER LINE (MHW)
  - HIGH TIDE LINE (HTL) (SPRING HIGH TIDE LINE (ELEVATION 4.33, NAVD 1988))
  - DELINEATED WETLAND LINE
  - PERMANENT FRESHWATER WETLAND IMPACT (PFWD)
  - PERMANENT INTERTIDAL SHALLOWS IMPACT (PIS)
  - PERMANENT STATE OPEN WATER IMPACT (PSOW)
  - TEMPORARY FRESHWATER WETLAND IMPACT (TFWD)
  - TEMPORARY INTERTIDAL SHALLOWS IMPACT (TIS)
  - TEMPORARY STATE OPEN WATER IMPACT (TSOW)

**NO WETLAND / OPEN WATER IMPACTS THIS SHEET**

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
 USACE WATERS OF THE U.S. PERMIT PLANS  
 1205 / ROUTE 42 MISSING MOVES  
 CONTRACT NO. 02B905H1

DESIGNED BY: JAMES D. KEEREN, P.E.  
 CERTIFICATION OF AUTHORIZATION NO. 2403282700

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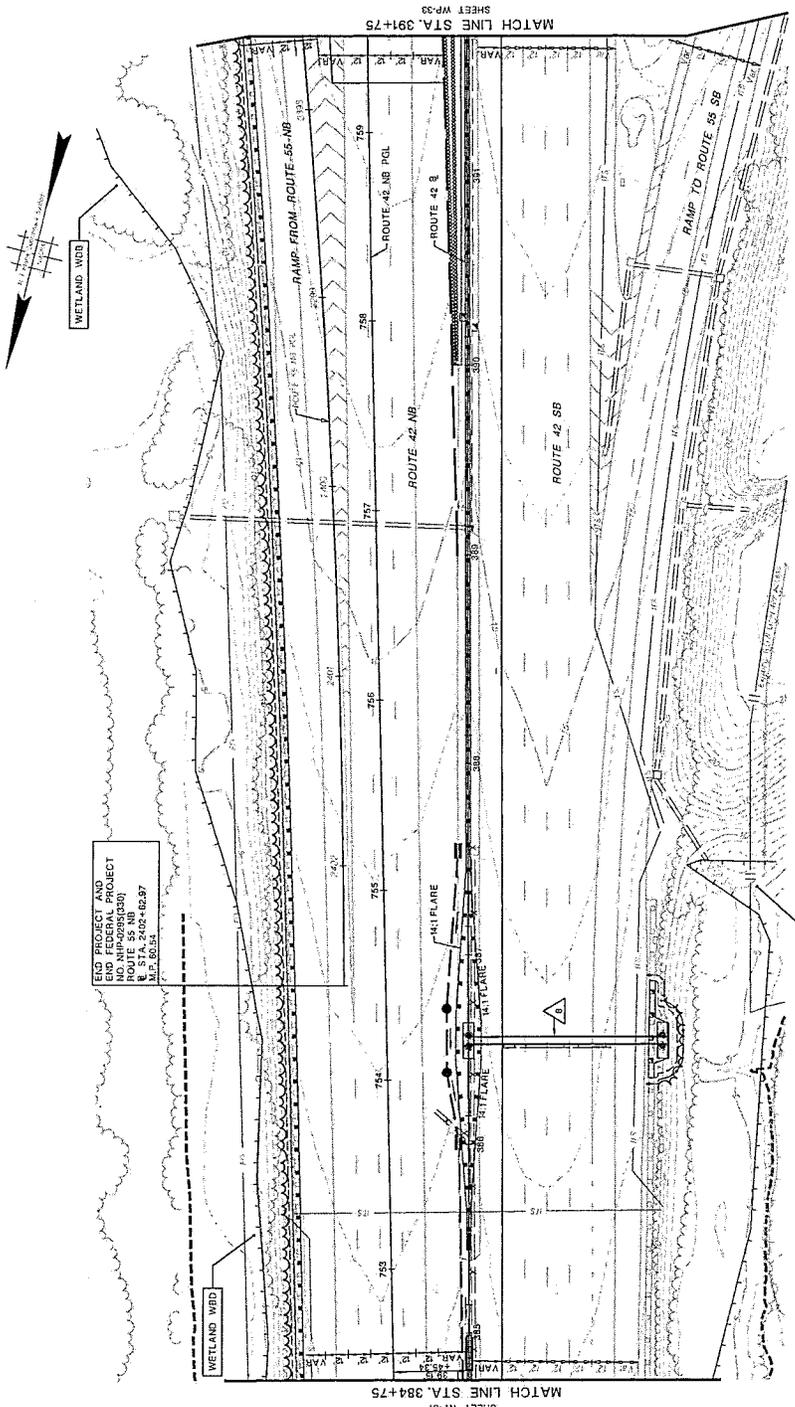
E-36

MAY 06 2019

TOWNSHIP OF DEPTFORD  
GLOUCESTER COUNTY



STATE: NJ  
COUNTY: GLOUCESTER  
TWP: DEPTFORD  
SHEET: WP-33



ELG PROJECT AND  
EIO FEDERAL PROJECT  
NO. NFP-0098(38)  
DATE: 04/24/08  
R. 574.2402-82.97  
ALP: 60.54

- LEGEND:**
- ⊕ BORING LOCATION
  - WADING LOCATION LINE
  - HIGH TIDE LINE (ELEVATION 3.5' NAVD 88)
  - HIGH TIDE LINE / SPRING HIGH TIDE LINE (ELEVATION 3.5' NAVD 88)
  - DELINEATED WETLAND LINE
  - PERMANENT FRESHWATER WETLAND IMPACT (PFWI)
  - PERMANENT INTERTIDAL SHALLOWS IMPACT (PSI)
  - PERMANENT STATE OPEN WATER IMPACT (PSOW)
  - TEMPORARY FRESHWATER WETLAND IMPACT (TFWI)
  - TEMPORARY INTERTIDAL SHALLOWS IMPACT (TISI)
  - TEMPORARY STATE OPEN WATER IMPACT (TSOW)

**NO WETLAND / OPEN WATER  
IMPACTS THIS SHEET**

WP-33  
16-27

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
**USACE WATERS OF  
THE U.S. PERMIT PLANS**  
1-285 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 035900541

DEWBERRY ENGINEERS, INC.  
CERTIFICATION OF ACHIEVEMENT NO. 24025241506  
JAMES D. WELSH, P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24025241506

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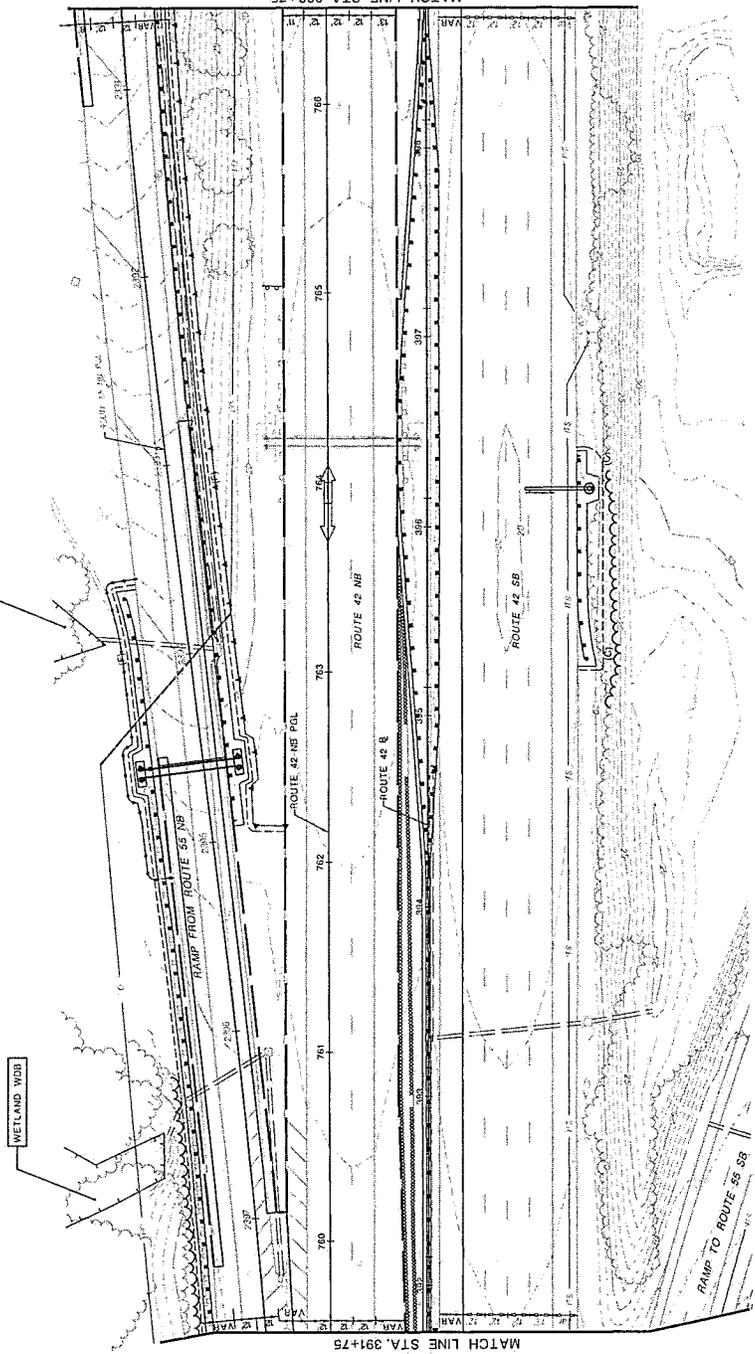


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E-37

MAY 06 2019

TOWNSHIP OF DEPTFORD  
GLOUCESTER COUNTY



- LEGEND:**
- BORING LOCATION
  - MEAN HIGH WATER LINE (MHWL) (ELEVATION 3.2' NAVD 1988)
  - HIGH TIDE LINE (HTL) (ELEVATION 4.0' NAVD 1988)
  - DELINEATED WETLAND LINE
  - PERMANENT FRESHWATER WETLAND IMPACT (PFWR)
  - PERMANENT INTERTIDAL SHALLOWS IMPACT (PISI)
  - PERMANENT STATE OPEN WATER IMPACT (PSOWI)
  - TEMPORARY FRESHWATER WETLAND IMPACT (TFWR)
  - TEMPORARY INTERTIDAL SHALLOWS IMPACT (TISI)
  - TEMPORARY STATE OPEN WATER IMPACT (TSOWI)

**NO WETLAND / OPEN WATER  
IMPACTS THIS SHEET**

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
**USACE WATERS OF  
THE U.S. PERMIT PLANS**  
I-205 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 05990541

DEWBERRY ENGINEERS INC.  
CERTIFICATE NO. 12010000000000000000  
JAMES D. HEBERT, P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. Z462600000  
**36**  
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E-38

MAY 06 2019

TOWNSHIP OF DEPTFORD  
GLOUCESTER COUNTY

NO WETLAND / OPEN WATER  
IMPACTS THIS SHEET

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
USACE WATERS OF  
THE U.S. PERMIT PLANS  
I-295 / ROUTE 42 MISSING MOVES  
CONTRACT NO. 055850541

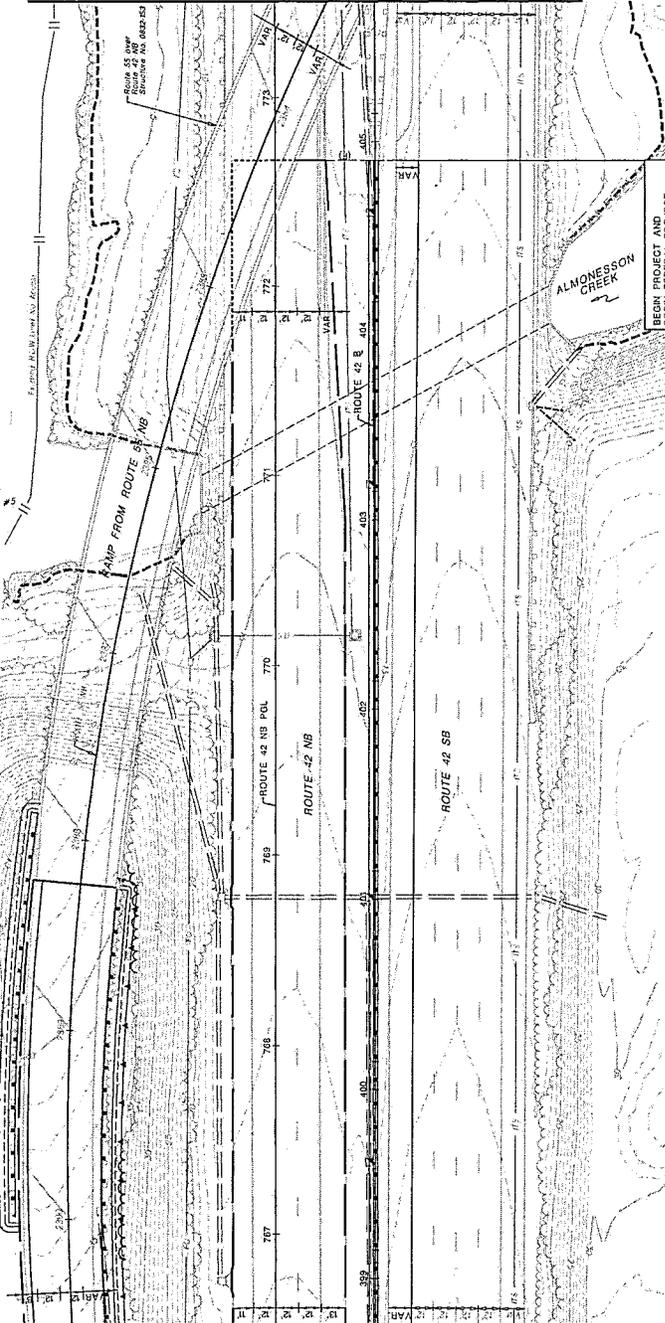
LEWIS ENGINEERS INC.  
CERTIFICATION OF AUTHORIZATION NO. 24020621500  
JAMES D. WERNER, P.E.  
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24020621500

37 / 40

30' 0' 30' 00'



UNNAMED TRIBUTARY #5



- BEGINNING LOCATION
- MEAN HIGH WATER LINE (ELEVATION 3.2', NAVD 88B)
- HIGH TIDE LINE (SPRING HIGH TIDE LINE)
- DELIMITED WETLAND LINE
- PERMANENT FRESHWATER WETLAND IMPACT (PFWI)
- PERMANENT INTERTIDAL SHALLOWS IMPACT (PISI)
- PERMANENT STATE OPEN WATER IMPACT (PSOW)
- TEMPORARY FRESHWATER WETLAND IMPACT (TFWI)
- TEMPORARY INTERTIDAL SHALLOWS IMPACT (TISI)
- TEMPORARY STATE OPEN WATER IMPACT (TSOW)

ROUTE 42 NB  
ROUTE 42 SB  
ROUTE 42 B

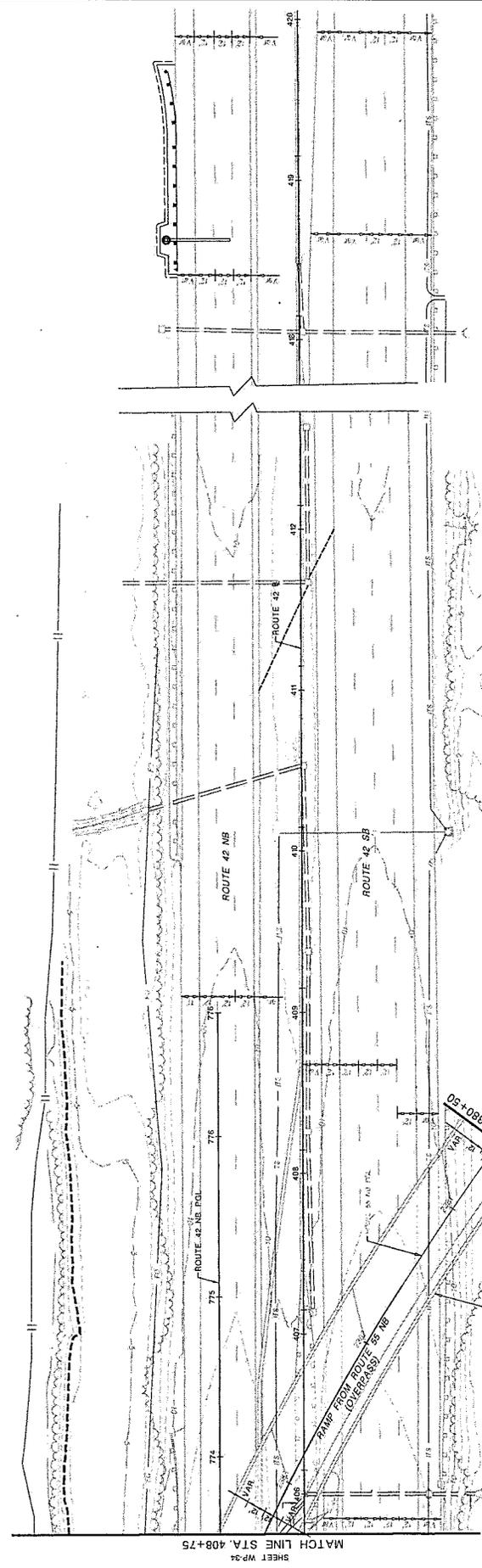
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E-39

MAY 06 2019

STATE OF NEW JERSEY  
 N.J. APP-354 (10)

TOWNSHIP OF DEPTFORD  
 GLOUCESTER COUNTY



**NO WETLAND / OPEN WATER IMPACTS THIS SHEET**

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
 USACE WATERS OF THE U.S. PERMIT PLANS  
 I-295 / ROUTE 42 MISSING MOVES  
 CONTRACT NO. 05980541

- LEGEND:**
- BORING LOCATION
  - MEAN HIGH TIDE LINE (ELEVATION 3.27, NAVD 1988)
  - HIGH TIDE LINE / SPRING HIGH TIDE LINE (ELEVATION 4.35, NAVD 1988)
  - DELIMITED WETLAND LINE
  - PERMANENT FRESHWATER WETLAND IMPACT (PFWI)
  - PERMANENT INTERTIDAL SHALLOWS IMPACT (PISI)
  - PERMANENT STATE OPEN WATER IMPACT (PSOWI)
  - TEMPORARY FRESHWATER WETLAND IMPACT (TFWI)
  - TEMPORARY INTERTIDAL SHALLOWS IMPACT (TISI)
  - TEMPORARY STATE OPEN WATER IMPACT (TSOWI)

DEWBERRY ENGINEERS, INC.  
 2000 WASHINGTON CENTER DRIVE, SUITE 200  
 JAMES D. HEAREN, P.E.  
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 246240000

38  
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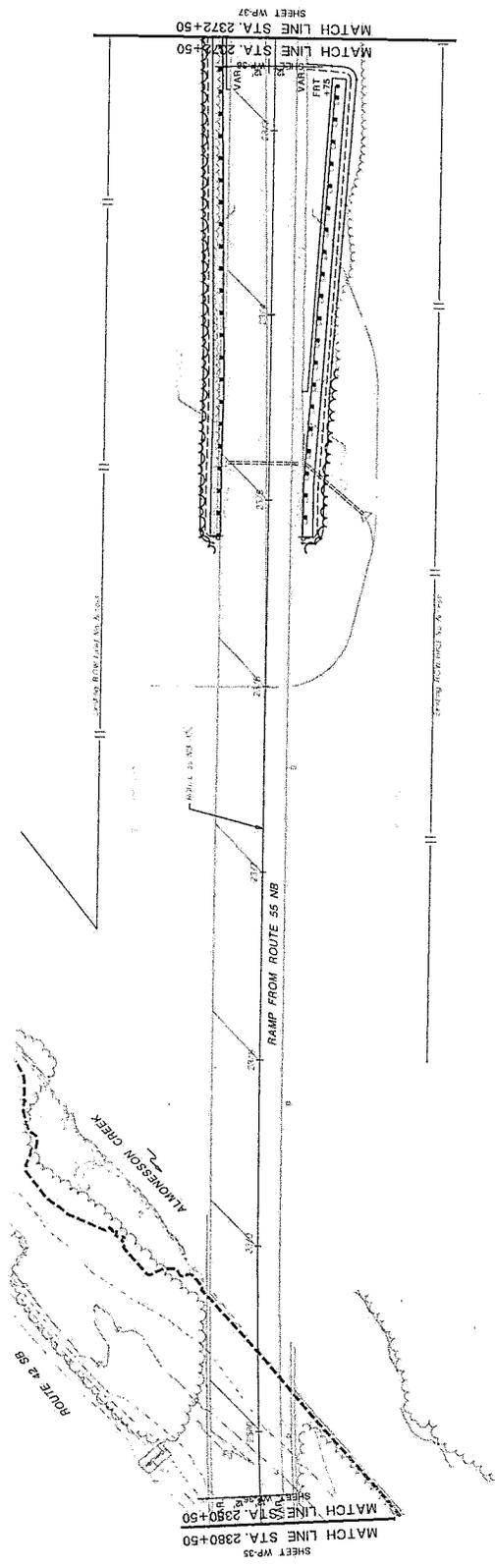
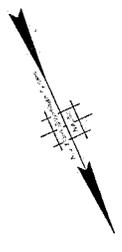
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 E-40



MAY 06 2019

STATE OF NEW JERSEY  
 N.J. DEP. OF TRANSPORTATION  
 PROJECT NO. 1203

TOWNSHIP OF DEPTFORD  
 GLOUCESTER COUNTY



- LEGEND:**
- BOILING LOCATION
  - MATCH LINE STA. 2380+50
  - MATCH LINE STA. 2372+50
  - HIGH TIDE LINE / SPRING HIGH TIDE LINE (ELEVATION 4.33' NAVD 88)
  - DEGRADED WETLAND LINE
  - PERMANENT FRESHWATER WETLAND IMPACT (PFWI)
  - PERMANENT INTERTIDAL SHALLOWS IMPACT (PISI)
  - PERMANENT STATE OPEN WATER IMPACT (PSOWI)
  - TEMPORARY FRESHWATER WETLAND IMPACT (TFWI)
  - TEMPORARY INTERTIDAL SHALLOWS IMPACT (TISI)
  - TEMPORARY STATE OPEN WATER IMPACT (TSOWI)

**NO WETLAND / OPEN WATER IMPACTS THIS SHEET**

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
**USACE WATERS OF THE U.S. PERMIT PLANS**  
 1295 / ROUTE 42 MISSING MOVES  
 CONTRACT NO. 026990041

GENERAL ENGINEERS, INC.  
 1295 ROUTE 42, DEPTFORD, NJ 08042  
 JAMES D. REBERN, P.E.  
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 045624000

39 / 40



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E-41

MAY 06 2019

# ENCLOSURE 1

NOTIFICATION/CERTIFICATION OF WORK COMMENCEMENT FORM

Permit Number: CENAP-OP-R-2011-01085-95  
Name of Permittee: New Jersey Department of Transportation  
Project Name: Route 295/Route 42 Missing Moves Project  
Waterway: Big Timber Creek/Delaware River Watershed  
County: Camden & Gloucester State: New Jersey  
Compensation/Mitigation Work Required: Yes  No

TO: U.S. Army Corps of Engineers, Philadelphia District  
Wanamaker Building – 100 Penn Square East  
Philadelphia, Pennsylvania 19107-3390  
Attention: CENAP-OP-R

I have received authorization to: construct the Federal Highway Administration-funded roadway improvement project known as "Route 295/Route 42 Missing Moves"; located at Big Timber Creek and the Delaware River Watershed in the Boroughs of Bellmawr and Runnemeade in Camden County, and Westville Borough and Deptford Township in Gloucester County, New Jersey.

The work will be performed by:

Name of Person or Firm: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

I hereby certify that I have reviewed the approved plans, have read the terms and conditions of the above referenced permit, and shall perform the authorized work in strict accordance with the permit document. The authorized work will begin on or about \_\_\_\_\_ and should be completed on or about \_\_\_\_\_.

Please note that the permitted activity is subject to compliance inspections by the Army Corps of Engineers. If you fail to return this notification form or fail to comply with the terms or conditions of the permit, you are subject to permit suspension, modification, revocation, and/or penalties.

\_\_\_\_\_  
Permittee (Signature and Date)

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Contractor (Signature and Date)

\_\_\_\_\_  
Telephone Number

NOTE: This form shall be completed/signed and returned to the Philadelphia District Office prior to commencing work.

# ENCLOSURE 2

NOTIFICATION/CERTIFICATION OF WORK COMPLETION/COMPLIANCE FORM

Permit Number: CENAP-OP-R-2011-01085-95  
Name of Permittee: New Jersey Department of Transportation  
Name of Contractor: \_\_\_\_\_  
Project Name: Route 295/Route 42 Missing Moves Project  
County: Camden & Gloucester State: New Jersey  
Waterway: Big Timber Creek/Delaware River Watershed

Within 10 days of completion of the activity authorized by this permit, please sign this certification and return it to the following address:

U.S. Army Corps of Engineers, Philadelphia District  
Wanamaker Building - 100 Penn Square East  
Philadelphia, Pennsylvania 19107-3390  
Attention: CENAP-OP-R

Please note that the permitted activity is subject to a compliance inspection by an Army Corps of Engineers representative. If you fail to return this notification form or fail to perform work in compliance with the permit, you are subject to administrative, civil and/or criminal penalties. Further, the subject permit may be suspended or revoked.

The authorized work was commenced on \_\_\_\_\_.

The authorized work was completed on \_\_\_\_\_.

I hereby certify that the work authorized by the above referenced permit has been completed in accordance with the terms and conditions of the above noted permit.

\_\_\_\_\_  
Signature of Contractor

\_\_\_\_\_  
Signature of Permittee

Address: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_  
Telephone Number: \_\_\_\_\_

\_\_\_\_\_  
Telephone Number: \_\_\_\_\_

For project located in areas identified as shellfish habitat, you must include with this form a bill of lading; sales order or any other document(s) demonstrating non-polluting materials were purchased and utilized for your project. I hereby certify that I and/or my contractor have utilized non-polluting materials as defined in the above noted permit.

\_\_\_\_\_  
Signature of Contractor

\_\_\_\_\_  
Signature of Permittee

# ENCLOSURE 3