

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

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

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FEB 26 2007

Regulatory Branch
Application Section I

SUBJECT: CENAP-OP-R-200300700-11

RECEIVED

MAR 02 2007

RUMMEL, KLEPPER & KAHL, LLP

Ms. Terry Fulmer
Delaware Department of Transportation
800 South Bay Road
PO Box 778
Dover, Delaware 19903-0778

Dear Ms. Fulmer:

Enclosed is a Department of the Army Permit (Enclosure 1) authorizing you to perform work, including the discharge of dredged or fill material, in Waters of the United States, including wetlands, to facilitate construction of the Delaware Turnpike (Interstate 95) Mainline/SR 1 Interchange Project within and adjacent to the Christina River, New Castle County, Delaware and a notice of authorization (ENG Form 4336-Enclosure 2) to be conspicuously displayed at the site of work.

Carefully review all the terms and conditions of the Department of the Army permit and understand them fully. Performing any work not specifically authorized by the permit or failing to comply with its conditions may subject you and/or your contractor to the enforcement provisions of our regulations. If a contractor performs the work for you, both you and the contractor are responsible for assuring the work is done in conformance with the conditions and limitations of this permit. Please be sure the person who will do the work has read and understands the conditions of the permit.

This office shall be notified of the commencement and completion of the permitted work. To assist you in meeting this requirement, enclosed with the Department of the Army Permit is a Notification/Certification of Work Commencement Form and a Notification/Certification of Work Completion/ Compliance Form which must be signed and returned to this office. Additional information concerning this permit may be obtained by writing to Jacqueline Winkler of my office at the above address or calling between the hours of 1:00 and 3:30 p.m. at (215) 656-5833.

If any material changes in the location or plans of the permitted work are found necessary on account of unforeseen or altered conditions or otherwise, revised plans should be submitted promptly to this office in order that the revised plans, if found unobjectionable, may receive the approval required by law before operations on the permitted work are commenced.

Sincerely,

Frank J. Cianfrani
Chief, Regulatory Branch

Enclosures

Copies Furnished:

DDNREC (Laura Herr)
DDNREC (Sarah Cooksey)
USFWS, Annapolis
USEPA, Region III
NMFS, Sandy Hook
Surveillance and Enforcement Section
Single Copy File

Agent:

✓ Rummel, Klepper and Kahl
81 Mosher Street
Baltimore, Maryland 21217

DEPARTMENT OF THE ARMY PERMIT

PERMITTEE AND PERMIT NUMBER:

Delaware Department of Transportation
DE DEPT OF TRANSPORTATION
CENAP-OP-R-200300700-11

ISSUING OFFICE:

Department of the Army
U.S. Army Corps of Engineers, Philadelphia District
Wanamaker Building - 100 Penn Square East
Philadelphia, Pennsylvania 19107-3390

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

PROJECT DESCRIPTION:

Perform work, including the discharge of dredged or fill material, in Waters of the United States, including wetlands, to facilitate construction of the Delaware Turnpike (Interstate 95) Mainline/SR 1 Interchange Project.

All work is to be completed in accordance with the plans referenced in the Special Conditions listed below.

PROJECT LOCATION: Delaware Turnpike (Interstate 95) between the State Route 1 Interchange and Interstate 495, New Castle County, Delaware

PERMIT CONDITIONS:

General Conditions:

1. The time limit for completing the work authorized ends on December 31, 2013. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you

abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. If a conditioned water quality and/or a coastal zone management certification has been issued for your project, you must comply with conditions specified in the certification as special conditions to this permit.

6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

1. All work performed in association with the above noted project shall be conducted in accordance with the project plans identified as: Plans prepared for The State of Delaware Department of Transportation, undated, entitled "ACOE Permit Impact and Environmental Compliance Plans for Delaware Turnpike Widening, I 95 Mainline, SR 1 to I-495", 39 Sheets.

AND

Plans prepared by RK&K, dated 9-7-2006, unrevised, entitled: Delaware Turnpike Improvements I-95 Mainline Widening, Contract Number 25-090-01, Federal Aid Project Number IM-N056(27), 406 Sheets.

The project plans provide for the widening of the Delaware Turnpike (Interstate 95) Mainline and modifications to the I-95/SR 1 Interchange. The stated purpose of the project is to "create operational and capacity improvements to improve traffic

operations and safety at the I-95/SR 1 Interchange and on the I-95 Mainline from the I-95/SR 1 Interchange to and including the I-495 Interchange".

2. Construction activities shall not result in the permanent disturbance or alteration of greater than 2.09 acres of Waters of the United States (0.09 acres of forested wetlands, 0.09 acres of shrub/scrub wetlands, 0.59 acres of emergent wetlands, 0.02 acres of tidal shallow water habitat, 1.30 acres of intermittent streams).

3. Construction activities shall not result in the temporary disturbance or alteration of greater than 0.48 acres of Waters of the United States (0.19 acres of forested wetlands, 0.11 acres of shrub/scrub wetlands, 0.13 acres of emergent wetlands, 0.04 acres of tidal shallow water habitat and 0.01 acres of intermittent streams).

4. Any deviation in construction methodology or project design from that shown on the above noted drawings 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.

5. No work shall commence beyond the widening of the I-95 Mainline and the implementation of the Wetland Compensatory Mitigation Plan referenced in Special Condition 22 below until such time as the permittee has submitted final construction plans and associated narrative documenting final, minimized temporary and permanent impacts to Waters of the United States, including wetlands, for Phase 2 of the project (I-95/SR 1 Interchange Modifications) for this office's review and approval.

6. This office shall be notified at least 10 days prior to the commencement of authorized work by completing and signing the attached *Notification/ Certification of Work Commencement Form*. This office shall also be notified within 10 days of the completion of the authorized work by completing and signing the attached *Notification/Certification of Work Completion/Compliance Form*. All notifications required by this condition shall be in writing and 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.

7. 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.

8. The issuance of this permit does not obviate the permittee from obtaining any other Federal, State or local approvals required by law for the activities authorized herein.

9. The Corps of Engineers shall be notified a minimum of ten days prior to pre-construction meeting(s) so that a representative of the Corps of Engineers may have the opportunity to be present.

10. The permittee is responsible for ensuring that the contractor and/or workers executing the activity(s) authorized by this permit have knowledge of the terms and conditions of the authorization and that a copy of the permit document is at the project site throughout the period the work is underway.

11. The boundary line of Waters of the United States, including wetlands, located within the project right-of-way and limits of authorized impacts to those areas, both temporary and permanent, shall be clearly identified on all project plans and surveyed in the field using orange fencing or other clearly visible material prior to onset of construction activities. The U.S. Army Corps of Engineers Jurisdictional Determination for the project (CENAP-OP-R-200300838-11) dated January 5, 2005 and revised January 9, 2007 shall be used to establish the location and extent of Waters of the United States, including wetlands, in the field.

12. Erosion and sediment control measures shall be in place prior to the onset of earth moving or filling activities to ensure that material does not erode into Waters of the United States, including wetlands, beyond the limits of those impact areas identified on the referenced plans. They shall remain in place until construction is completed and the disturbed areas have been stabilized.

13. There shall be no stockpiling of construction materials or storage of construction equipment in any Waters of the United States, including wetlands.

14. The disposal of trees, brush and construction debris in Waters of the United States, including wetlands, is prohibited.

15. For fills placed in Waters of the United States, including wetlands, only clean fill shall be used. All fill material shall be free of fines, oil and grease, debris, wood, general refuse, plaster and other pollutants and shall contain no asphalt.

16. No fueling or servicing of equipment shall take place while the equipment is located within Waters of the United States, including wetlands.

17. All excess excavated material not used in highway or compensatory mitigation site construction shall be disposed of at upland, non-wetland disposal site(s). The excavated material shall be properly contained and stabilized to prevent its entry into any adjacent wetlands or waterways. No disposal/wasting operation shall commence until the permittee obtains written approval of the disposal site(s) from the District Engineer.

18. All borrow material used in highway or compensatory mitigation site construction shall be obtained from upland, non-wetland site(s). No borrow operations shall commence until the permittee obtains written approval of the borrow site(s) from the District Engineer.

19. Geotextile fabric shall be placed beneath all authorized temporary fills to ensure that all temporary fill material is removed at the time of restoration.

20. All Waters of the United States, including wetlands, disturbed as a result of authorized temporary construction activities shall be returned to their predisturbance conditions within 60 days after the temporary construction activities at each site is completed. This work includes restoration of stream bank elevations, stream channel and wetland surface contours, and establishment of wetland vegetation. If site restoration occurs during winter months, planting activities shall commence at the beginning of the growing season. The permittee shall provide this office written notification of the date when use of each temporary wetland impact site is no longer needed.

21. The restored temporary impact sites shall be replanted and monitored in accordance with the planting specifications and success criteria established for the wetland mitigation site in Special Conditions 22 and 25 below.

22. The applicant shall compensate for the unavoidable loss of Waters of the United States, including wetlands, by implementing a compensatory mitigation program in accordance with project plans identified as: Plans prepared by Rummel, Klepper & Kahl, LLP, dated September 2006, Sheets 7 and 8 of 12 revised October 2006, entitled: Delaware River and Bay Authority, Contract No. DMB-04-01, Mitigation Site (Cathcart Property), Sheets 1 through 12 of 12 AND by creating new intermittent stream channels in accordance with project plans referenced in Special Condition 1 above.

23. All earth work associated with construction of the compensatory mitigation site referenced in Special Condition 22 above shall be completed within one year of the "Notice to Proceed" issued to the contractor for work in Waters of the United States, including wetlands. The permittee shall provide a copy of the "Notice to Proceed" document to the Corps of Engineers at the time of its issuance to the contractor.

24. The permittee shall submit topographic surveys of the compensatory mitigation site to this office within 60 days following completion of earthwork for review and written approval prior to initiation of planting activities.

25. The permittee shall conduct annual inspections of the compensatory mitigation site for a minimum of five years starting with the first full growing season following completion of the planting activities. A yearly compensatory mitigation monitoring report documenting the findings of the monitoring program shall be submitted to the Corps of Engineers by December 31 of each monitoring year. The compensatory mitigation monitoring report shall provide quantitative and qualitative documentation, including photographs, that a permanent hydrologic regime has been established at the compensatory mitigation site and that the compensatory mitigation site supports a permanent vegetative community comprised of planted species or appropriate volunteer species consistent with the success criteria memorialized in the document entitled: "Cathcart Wetland Mitigation Site Tidal Wetland Monitoring Performance Standards".

26. If the post-planting monitoring program performance standards as described in Special Condition 25 above for the compensatory mitigation site are not achieved, the permittee shall evaluate the site conditions and associated monitoring documentation and propose remedial action as necessary for review and approval by the Corps of Engineers as part of each yearly compensatory mitigation monitoring report.

27. The permittee shall install permanent monuments identifying the boundaries of the approved compensatory mitigation site as shown on the plans referenced in Special Condition 22 above. The monuments shall be installed within 60 days of completion of the final grading of the mitigation site.

28. No work within Waters of the United States, including wetlands, shall commence until the following occur: (a) the permittee places a conservation easement(s) or restrictive covenants in a deed instrument or instruments covering the compensatory mitigation site identified in Special Condition 22 above, by recording the conservation easement(s) or deed and restrictive covenants with the appropriate county office responsible for maintaining land records AND (b) the Corps of Engineers receives notification from the permittee that the

conservation easement(s) or restrictive covenants have been submitted to the appropriate county office for recordation. The purpose of the conservation easement(s) or restrictive covenants is to protect the environmental values of the site in perpetuity.

29. The permittee shall submit a draft of the conservation easement or restrictive covenants to this office for review and approval within 60 days of issuance of this permit. The restrictive covenants shall follow the format and include the provisions provided in the attached Declaration of Restrictions template (Attachment 1).

30. Your responsibility to complete the required compensatory mitigation as set forth in Special Condition 22 will not be considered fulfilled until you have demonstrated mitigation success and have received written verification from the U.S. Army Corps of Engineers.

31. The permittee shall contact Delmarva Power & Light Company, who maintains several aerial electric transmission lines within the project area, prior to the initiation of project construction activities (Attachment 2).

FURTHER INFORMATION:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

(X) Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

(X) Section 404 of the Clean Water Act (33 U.S.C. 1344).

() Section 103 of the Marine Protection, Research and Sanctuaries Act.

2. Limits of this authorization.

a. This permit does not obviate the need to obtain other Federal, State, or local authorizations required by law.

b. This permit does not grant any property rights or exclusive privileges.

c. This permit does not authorize any injury to the property or rights of others.

d. This permit does not authorize interference with any existing or proposed Federal projects.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

d. Design or construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data. The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this permit.

b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (see 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General Condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

(PERMITTEE)

(DATE)

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

(District Engineer)
Frank J. Cianfrani, Chief, Regulatory Branch
for Gwen E. Baker
Lieutenant Colonel, Corps of Engineers
District Commander

(DATE)

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFEREE)

(DATE)

NOTIFICATION/CERTIFICATION OF WORK COMMENCEMENT FORM

Permit Number: CENAP-OP-R-200300700-11
Name of Permittee: Delaware Department of Transportation
Project Name: DE DEPT OF TRANSPORTATION
Waterway: Christina River
County, State: New Castle County, Delaware
Compensation/Mitigation Work Required: Yes X 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 perform work, including the discharge of fill material, in Waters of the United States, including wetlands, to facilitate widening of the Delaware Turnpike (Interstate 95) Mainline and modification of the I-95/SR 1 Interchange.

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 U.S. 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 a minimum of 10 days prior to commencing work.

NOTIFICATION/CERTIFICATION OF WORK COMPLETION/COMPLIANCE FORM

Permit Number: CENAP-OP-R-200300700-11
Name of Permittee: Delaware Department of Transportation
Name of Contractor:
Project Name: DE DEPT OF TRANSPORTATION
County/State: New Castle County, Delaware
Waterway: Christina River

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 U.S. 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.

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.

The authorized work was commenced on _____.

The authorized work was completed on _____.

Dredging authorized: Yes No . If yes, see *NOTE* below.

The volume of dredged material was _____ cubic yards.

The dredged material was placed at _____.

Signature of Contractor

Signature of Permittee

Address: _____

Address: _____

Telephone Number: _____

Telephone Number: _____

SPECIAL NOTE FOR MAINTENANCE DREDGING:

If the above referenced permit authorizes maintenance dredging, the permittee/contractor shall notify this office of the completion of the work by submitting this form for each dredging occurrence. This form may be reproduced for this purpose.

****DECLARANT:** The permittee, "Declarant", shall enter the relevant information into this Declaration of Restrictions and submit the completed document to the Philadelphia District Project Manager for review and written approval prior to recordation in the county in which the Conservation Area is located. An electronic version of this draft Declaration of Restrictions is available upon request. **

****DECLARANT:** Any changes, i.e., additions or subtractions, made to this Declaration document, other than those items listed below, shall be clearly identified as changes in the document submitted to this office for review and written approval. **

Parcel No. _____
Lot/s: _____ Block/s: _____
_____ Township, _____ County, _____
Prepared by: _____

DECLARATION OF RESTRICTIONS

THIS DECLARATION OF RESTRICTIONS (hereinafter "Declaration") made this _____ day of _____, 200_, by _____ (hereinafter "Declarant");

WITNESSETH:

WHEREAS, Declarant is the fee simple owner of certain tracts of land located in _____

more particularly described in Exhibit A, attached hereto and incorporated by reference, hereinafter referred to as the "Property;" and

****DECLARANT:** The Declarant shall prepare and attach an exhibit identified as "Exhibit A" to the Declaration of Restrictions submitted to this office for review and written approval. Exhibit A shall be a scaled drawing of the area subject to the Declaration of Restrictions. The restricted area shall be clearly labeled on the plan as "Conservation Area" and be clearly identified by cross-hatching or shading. Exhibit A shall include a metes and bounds description of the Conservation Area. In the event that monuments are required to mark the boundaries of the Conservation Area, the locations of the monuments shall be clearly located on the plan. **

WHEREAS, the United States Department of the Army, Corps of Engineers, Philadelphia District (hereinafter "USACOE"), has required the Declarant to enter into this Declaration of Restrictions as a condition of Department of the Army Permit Number CENAP-OP-R-_____ ; and

WHEREAS, said Property contains existing waters, wetlands and uplands worthy of conservation protection, referred to as the "Conservation Area" on Exhibit A; and

WHEREAS, the Declarant intends that the Conservation Area of the Property shall be preserved and maintained in its natural condition in perpetuity;

NOW, THEREFORE, in consideration of the above terms, conditions, and restrictions contained herein, and pursuant to the laws of the State of _____, Declarant does impose upon the Conservation Area the following restrictions:

1. PURPOSE

It is the purpose of this Declaration to assure that the Conservation Area, including its air space and subsurface, will be retained in perpetuity in its natural condition as provided herein and to prevent any use of the Conservation Area that will impair or interfere with its natural resource functions and values. Declarant intends that this Declaration will confine the use of the Conservation Area to such activities as are consistent with the purpose of this Declaration.

2. DURATION

This Declaration shall remain in effect in perpetuity, shall run with the land regardless ownership or use, and is binding upon all subsequent declarants, their heirs, executors, administrators, successors, representatives, devisees, and assigns, as the case may be, as long as said party shall have any interest in any part of the Conservation Area.

3. RESTRICTIONS

Any activity on or use of the Conservation Area inconsistent with the purpose of the Declaration is prohibited. Without limiting the generality of the foregoing, the following activities and uses are expressly prohibited in, on, over, or under the Conservation Area, subject to the express terms and conditions below:

- A) No signs, billboards or outdoor advertising structures shall be placed or maintained on the Conservation Area; except for a reasonable number of signs for resource protection safety, boundary identification, and identification of the owner.
- B) No improvements, including, but not limited to, buildings, asphalt or concrete pavement, communication towers or antennas, utility lines or conduit, or any other temporary or permanent structure or facility shall be

constructed, placed, repaired, reconstructed, or maintained on, under or above the Conservation Area.

- C) No storage, dumping, depositing, abandoning, discharging or releasing of any gaseous, liquid, solid or hazardous waste substance, materials or debris of whatever nature on, in, over or under the ground or into surface or ground water shall occur.
- D) No loam, peat, gravel, soil, rock, sand or dredged and/or fill materials shall be placed, moved, or discharged within the Conservation Area, nor shall there be made any changes in the topography of the land.
- E) There shall be no land clearing, redirection of surface water or groundwater, ditching, extraction, drilling, driving of piles, mining, excavation or removal of loam, peat, gravel, soil, rock, sand, mineral or similar material, nor any change in the topography of the land.
- F) There shall be no alteration, removal or destruction of plants, trees, shrubs, wildflowers or other vegetation living or dead, or animal species except for control of diseases, pests, non-native species, and noxious weeds. Vegetation within the Conservation Area shall be allowed to grow and regrow to maturity and to remain in such state in perpetuity.
- G) Intentional introduction of non-native, non-indigenous plant and animal species is prohibited.
- H) There shall be no collecting of plant material, animal, minerals, or artifacts, except for scientific and nature study and in accordance with applicable State and Federal laws.
- I) There shall be no use of pesticides, herbicides, insecticides or other chemicals, except as may be necessary to control invasive species that threaten the natural character of the Conservation Area.
- J) No other acts, uses or discharges shall be allowed which adversely affect fish or wildlife habitat or the preservation of land, wetlands, or water areas within the Conservation Area.

4. RESERVED RIGHTS

****DECLARANT:** *The Declarant shall include in this section, on a case-by-case basis, provisions to maintain structures or infrastructure such as utilities or drainage ditches that are present on, over, or under the Conservation Area and that require ongoing or periodic maintenance. The Declarant shall identify each case, the allowed work, and the boundary within which maintenance activities would occur, as separate provisions. For work in the Conservation Area that is required by a Mitigation Plan,*

*the Declarant shall include a provision that allows construction of the mitigation work. A copy of the authorized Mitigation Plan shall be attached.***

5. LIMITATION ON PUBLIC ACCESS

This Declaration limits the right of the general public to enter any portion of the Conservation Area if such use and activity is inconsistent with the purpose of this Declaration.

6. COMPLIANCE INSPECTIONS

This Declaration grants to the USACOE and its authorized agents the right to enter upon and inspect the Conservation Area for the purpose of verifying compliance with these restrictive covenants.

7. ENFORCEMENT

Without limiting the legal rights of any other party that may seek enforcement of these restrictive covenants, this Declaration grants to the USACOE and the United States Department of Justice a discretionary right to enforce these restrictive covenants in a judicial action against any person or entity violating or attempting to violate these restrictive covenants; provided, however, that no violation shall result in a forfeiture or reversion of title.

8. RECORDING

This Declaration shall be recorded in the Office of the Recorder of Deeds of _____ County, State of _____.

9. TRANSFER OF DECLARANT'S INTEREST

Declarant agrees to incorporate this Declaration by reference into any deed or other legal instrument by which Declarant divests itself of any interest in all or a portion of the Property, including, without limitation, a leasehold interest.

10. INTERPRETATION OF DECLARATION

This Declaration shall be liberally construed in favor of the purpose of the Declaration and in accordance with the laws of the State of _____.

11. SEVERABILITY

If any portion of this Declaration, or the application thereof to any person or circumstance, is found to be invalid, the remainder of the provisions of this Declaration, or application of such provision to persons or circumstances other than those as to which it is found to be invalid, as the case may be, shall not be affected thereby.

IN WITNESS WHEREOF, Declarant has hereunto set its Hand and Seal the day and year above first written.

Entity Name

Witness

By:

Name

Title

STATE OF _____:

: SS

COUNTY OF _____:

****DECLARANT:** *This section shall be modified as necessary to allow a Notary Public to accurately witness and sign the document.* **

On this _____ day of _____, 200__ before me personally appeared _____, to me personally known, who, being by me duly sworn did say that he/she is the _____ (title) of the corporation named in the foregoing instrument, that the seal affixed to said instrument is the corporation seal of said corporation, and acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

NOTARY PUBLIC

Printed Name of Notary
Commission Expires _____



A PHI Company

New Castle Regional Office
I-95 & Route 273
P. O. Box 9239
Newark, DE 19714-9239

August 11, 2006

Ms. Jacqueline Winkler
U.S. Army Corps of Engineers
Philadelphia District
Wanamaker Building
100 Penn Square East
Philadelphia, Pa. 19107-3390

RE: Public Notice No. CENAP-OP-R-200300700-11

Dear Ms. Winkler,

Please be advised that Delmarva Power & Light Company maintains several aerial electric transmission lines within the project area.

Prior to any work being done in the vicinity of the lines please have applicant contact:

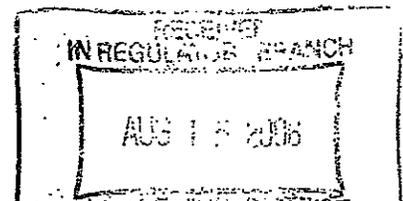
Frank T. Sobonya, Supervisor of Transmission Design at 303-454-5154.

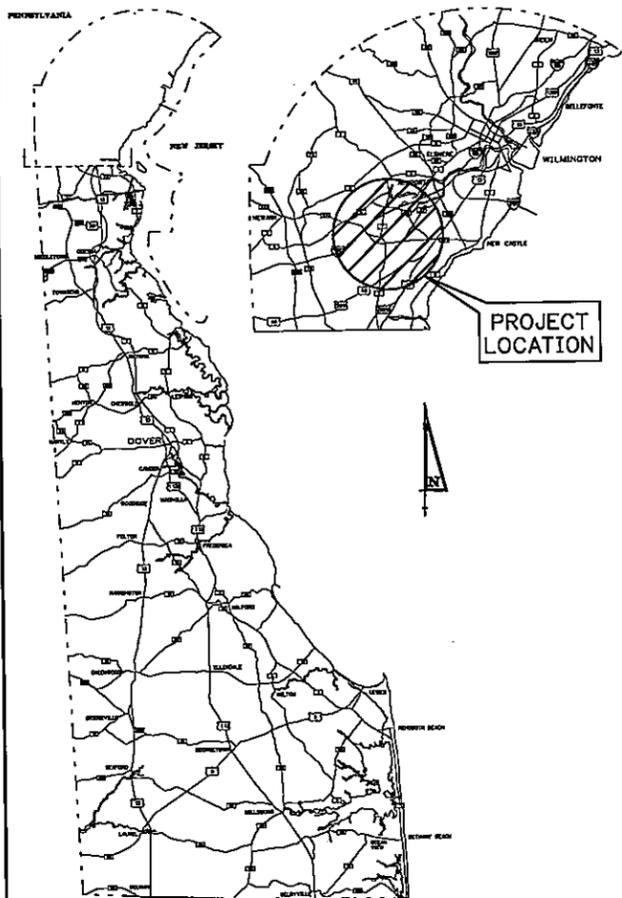
If you have any questions please contact me at (302) 454-5975.

Sincerely,

A handwritten signature in black ink, appearing to read 'Richard D. Galster, Jr.', written over a circular scribble.

Richard D. Galster, Jr.
Senior Real Estate Representative
Real Estate and Right-of-Way Department





GENERAL LOCATION OF CONTRACT

THE STATE OF DELAWARE
 DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY
 UNITS



ACOE PERMIT IMPACT AND ENVIRONMENTAL
 COMPLIANCE PLANS FOR:

DELAWARE TURNPIKE WIDENING
 I 95 MAINLINE
 SR 1 TO I-495

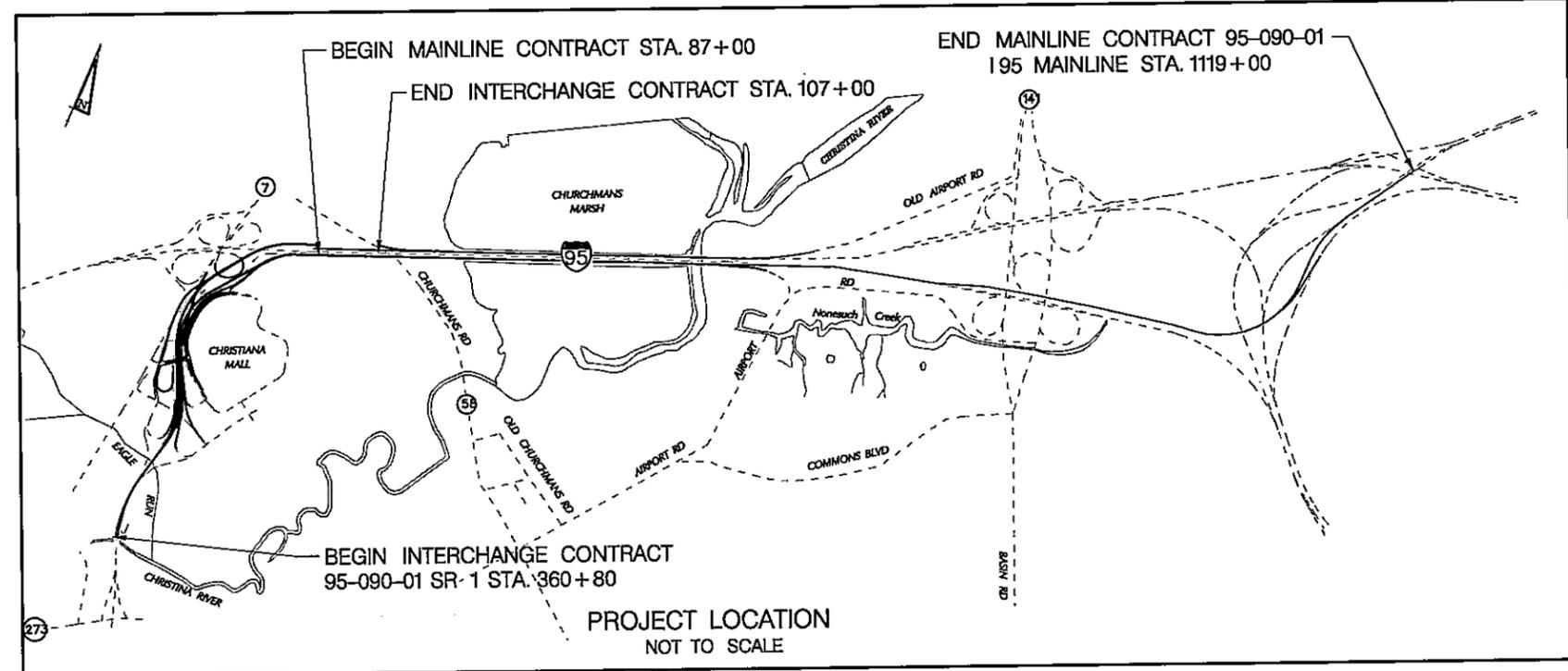
COUNTY	M.R. NO.	SHEET NUMBER	TOTAL SHEETS
		1	39
DESIGN DESIGNATION			
FUNCTIONAL CLASS: FREEWAY		D.H.V. PROJECTED: 11:420 P.M. (SR) YEAR: 2025	
TYPE OF CONSTRUCTION: WIDENING		DESIGN SPEED: 80 M.P.H.	
A.A.D.T. CURRENT: 219,850 YEAR: 2000		TRUCKS: .5% (I 95) & 5% (RAMPS)	
A.A.D.T. PROJECTED: 248,660 YEAR: 2025		DIRECTION OF DISTRIBUTION: 48/52% (SR-NB)	
INDEX OF SHEETS			
TABLE OF CONTENTS			
SHEET NO			
1	TITLE SHEET		
2	INDEX PLAN - SR-1 INTERCHANGE		
3	INDEX PLAN - I-95 MAINLINE		
4	NOTES & LEGEND		
5	COMPLIANCE NOTES & IMPACT QUANTITIES		
6-39	PERMIT PLANS - I-95 MAINLINE / SR-1 INTERCHANGE		
APPROVED DESIGN EXCEPTIONS DATE: _____			
DESIGN PARAMETER		REQUIRED	PROVIDED
ADDENDA & REVISIONS			
DESCRIPTION		NAME & DATE	

PREPARED BY
 THE CONSULTING FIRM OF

SEAL

RECOMMENDED

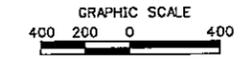
DATE



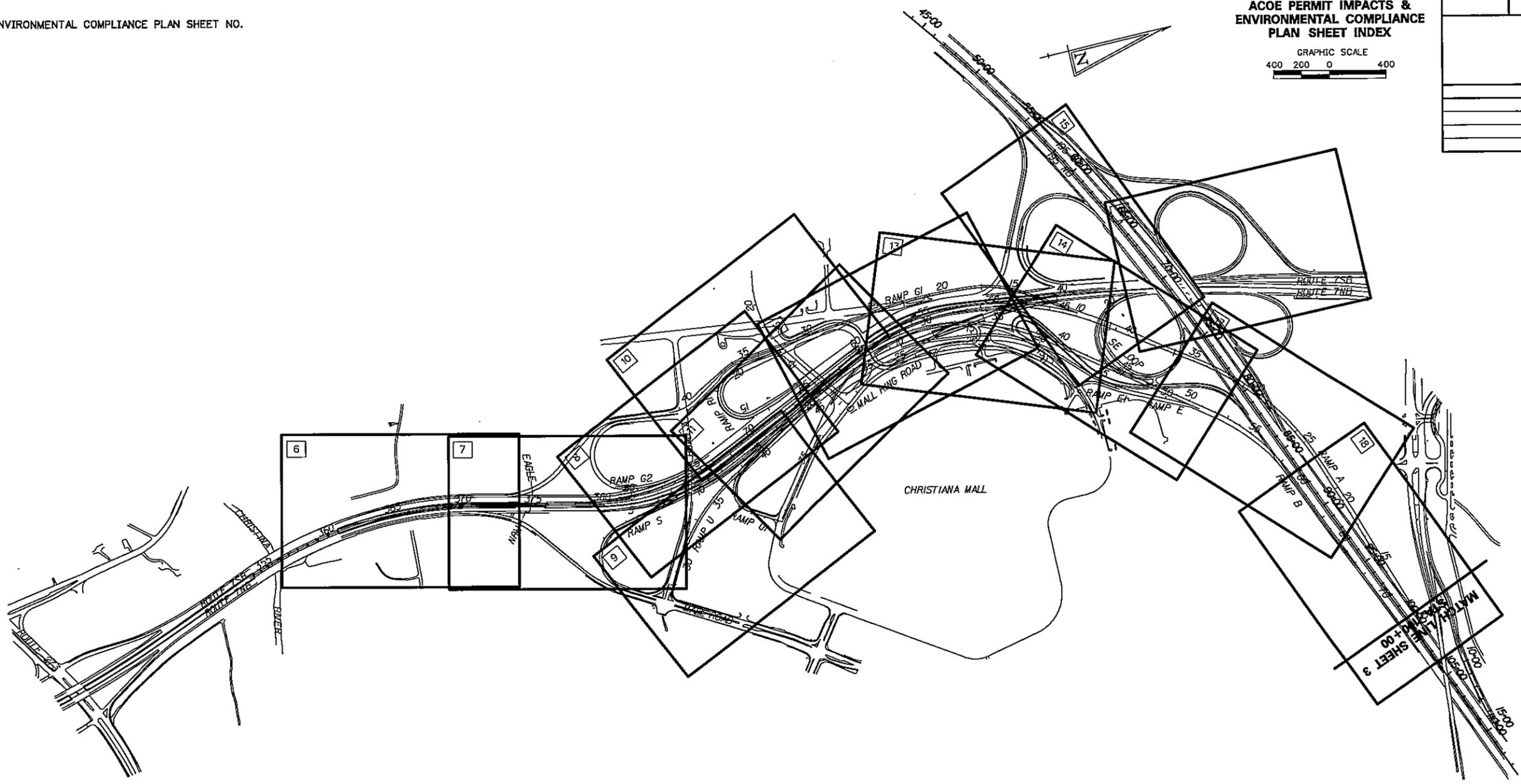
PROJECT LOCATION
 NOT TO SCALE

00 ENVIRONMENTAL COMPLIANCE PLAN SHEET NO.

ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN SHEET INDEX



CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SITS.
			2	
REVISIONS				

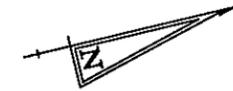


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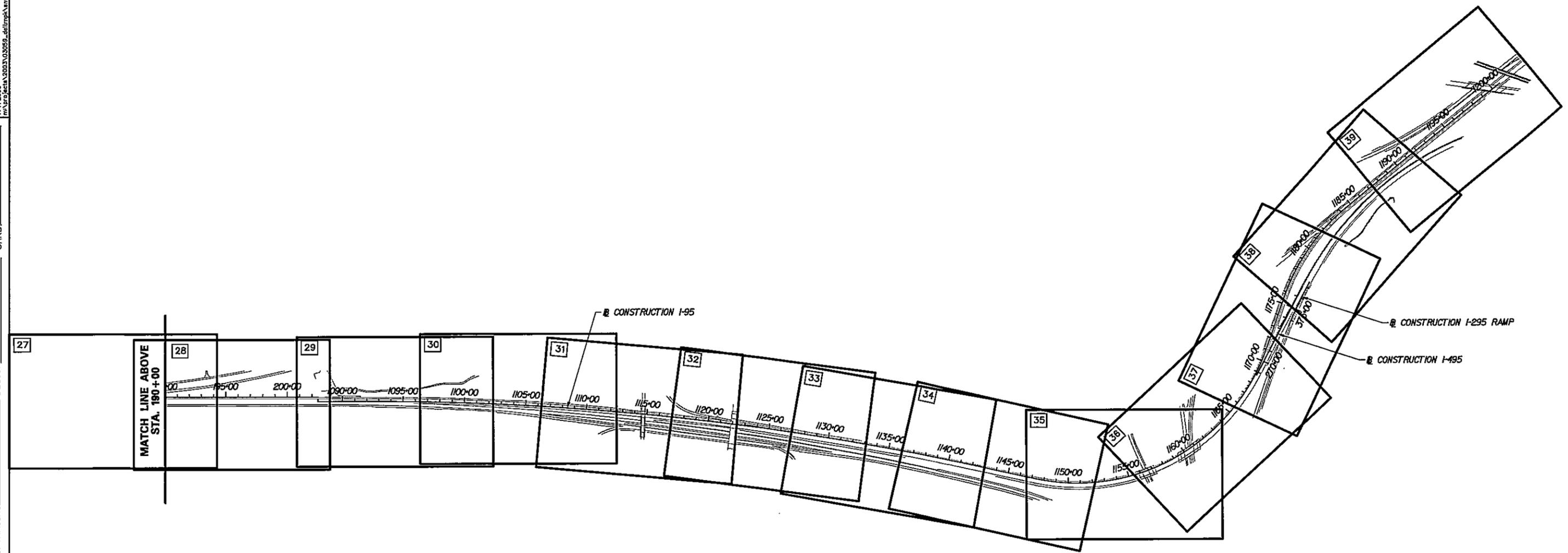
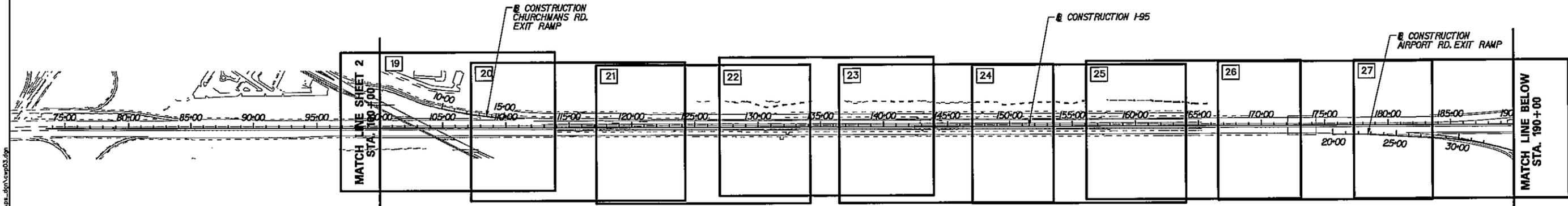
PREL. TRACING _____ DESIGN _____ CHKD _____

00 ENVIRONMENTAL COMPLIANCE PLAN SHEET NO.

ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN SHEET INDEX



CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	1M-N056(27)	3	39
DELaware TURNPIKE IMPROVEMENTS SR 1 INTERCHANGE AND I 95 MAINLINE WIDENING				
REVISIONS				



15:04:43 PM 7/7/2008

CHKD

DESIGN

PREL. TRACING

**DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
I 95 MAINLINE WIDENING**

REVISIONS

- NOTES:
- SHEETS PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
NOVEMBER 2004
 - WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
OCTOBER 2004
 - WETLAND JURISDICTIONAL DETERMINATION
CONDUCTED AND APPROVED LETTER DATED
JANUARY 5, 2005

ACOE ENVIRONMENTAL COMPLIANCE NOTES

1. ENVIRONMENTAL COMPLIANCE NOTES

- A. THE PURPOSE OF THESE ENVIRONMENTAL COMPLIANCE SHEETS IS TO IDENTIFY THOSE ITEMS ASSOCIATED WITH ENVIRONMENTAL COMPLIANCE. IMPACT CALCULATIONS ARE FOR AGENCY REPORTING PURPOSES ONLY AND ARE NOT TO BE USED FOR BIDDING PURPOSES.
- B. IF A DEPARTURE FROM THE APPROVED PLANS (WHICH WOULD AFFECT ANY OF THE NATURAL AND/OR CULTURAL RESOURCE ISSUES) IS NECESSARY, THE ENVIRONMENTAL STUDIES SECTION SHALL BE CONTACTED AT (302) 760-2264 TO ALLOW THE DEPARTMENT TO COORDINATE WITH THE APPROPRIATE RESOURCE AGENCIES FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.
- C. USE OF THIS SHEET DOES NOT ALLEVIATE THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ALL CONDITIONS SET FORTH IN THE ENVIRONMENTAL STATEMENT AND PERMITS.

2. NATURAL RESOURCE ISSUES:

- A. PERMIT REQUIREMENTS / APPROVALS
CORPS OF ENGINEERS - INDIVIDUAL PERMIT (PENDING) **
DNREC - WETLANDS AND SUBAQUEOUS LANDS PERMIT (PENDING) **
DNREC - WATER QUALITY CERTIFICATION (PENDING) **
DNREC - COASTAL ZONE CONSISTENCY (PENDING) **
U.S. COAST GUARD - BRIDGE PERMIT (NOT REQUIRED, APPROVAL IN LETTER DATED MAY 25, 2004)
NEWCASTLE COUNTY FLOODPLAIN DEVELOPMENT APPROVAL (APPROVED MARCH 14, 2005)
- B. CONSTRUCTION RESTRICTIONS (TIME FRAMES, ETC.)
FISHERIES : NO CONSTRUCTION SHALL OCCUR IN THE CHRISTINA RIVER FROM MARCH 15 THROUGH MAY 31
ENDANGERED SPECIES: NO WORK SHALL OCCUR ADJACENT TO CHURCHMAN'S MARSH FROM JANUARY 1 THROUGH MAY 31
MIGRATORY SPECIES : TBD

3. CULTURAL RESOURCE ISSUES: NONE, (DELAWARE SHPO LETTER DATED DECEMBER 29, 2004)

4. ACCESS ISSUES: TBD

5. U.S. COAST GUARD 30-DAY ADVANCED NOTIFICATION

THE CHRISTINA RIVER IS A NAVIGABLE WATERWAY. ALL WORK PERFORMED WITHIN THE WATERWAY SHALL BE COORDINATED WITH THE U.S. COAST GUARD PRIOR TO BEGINNING WORK AND SHALL BE IN CONFORMANCE WITH ITEM NO. 763552 - "COAST GUARD SPECIFIC CONDITIONS". VERTICAL CLEARANCE MUST BE MAINTAINED IN ACCORDANCE WITH COAST GUARD REQUIREMENTS. FURTHERMORE, ADVANCED NOTIFICATION SHALL BE GIVEN, WHICH REQUIRES THE CONTRACTOR TO FORMALLY NOTIFY THE COAST GUARD 30 DAYS IN ADVANCE OF ANY PLANNED TEMPORARY OBSTRUCTION TO WATERWAY NAVIGATION. CONTACT BILL BRAZIER AT (757) 398-6422, AS WELL AS SUBMIT A WRITTEN NOTICE (WHICH INCLUDES A SKETCH DEPICTING THE LOCATIONS AND DURATION OF ALL RESTRICTIONS) TO THE COMMANDING OFFICER, 5TH COAST GUARD DISTRICT, FEDERAL BUILDING 431 CRAWFORD ST., PORTSMOUTH, VA 23704 FOR APPROVAL.

* - THE PERMITS / APPROVALS LISTED ARE THOSE REQUIRED FOR THIS PROJECT. THE ENVIRONMENTAL STUDIES SECTION IS RESPONSIBLE FOR COORDINATING/OBTAINING THESE PERMIT APPROVALS.

** - THE CONTRACTOR MUST ENSURE THAT THESE PERMITS (C.O.E., DNREC) ARE IN THEIR POSSESSION PRIOR TO THE BEGINNING OF CONSTRUCTION IN THE PERMITTED AREA(S). THESE PERMITS SHALL BE DISPLAYED ON-SITE DURING THE ENTIRE CONSTRUCTION PERIOD.

I-95 MAINLINE/SR-1 INTERCHANGE PERMANENT IMPACTS						
SHEET #	TYPE	LOCATION	AREA (SQUARE FEET)	AREA (ACRE)	VOLUME (CUBIC YARDS)	WETLAND NAME
FEDERALLY REGULATED WATERS OF THE U.S. (WETLANDS)						
7	FILL	W1	2,217	0.0509	211	WAE PFD
8	FILL	W2	3816	0.0876	230	WAE
8	RIPRAP	W3	258	0.0059	21	WAD PFD
8	FILL	W4	516	0.0118	62	WC
8	FILL	W5	697	0.0160	5	WC
9	FILL	W7	590	0.0135	177	WAH PFD
9	RIPRAP	W8	202	0.0046	7	WAF PFD
12	FILL	W9	329	0.0076	233	WE
13	FILL	W10	3,707	0.0851	1,653	WE & WT
13	FILL	W11	2,039	0.0468	1,789	WAI
13	FILL	W12	2,448	0.0562	1,194	WD
14	RIPRAP	W13	243	0.0056	9	WD
15	FILL	W14	740	0.0170	11	WR
15	RIPRAP	W15	145	0.0033	2	WR
18	FILL	W16	3,239	0.0744	347	NW9-2A
19	FILL	W17	3,330	0.0764	356	NW9-2A
19	FILL	W18	154	0.0035	6	NW9-2B
21	FILL	W19	133	0.0031	6	NW9-2C
21	FILL	W20	107	0.0025	4	NW9-2D
22	RIPRAP	W21	30	0.0007	2	SW9-2A
22	RIPRAP	W22	1,152	0.0264	93	NW9-2E
22	RIPRAP	W23	17	0.0004	1	NW9-2E
23	FILL	W24	28	0.0006	2	SW9-2A
23	RIPRAP	W25	32	0.0007	5	SW9-2A
23	FILL	W26	106	0.0024	21	SW9-2A
23	RIPRAP	W27	293	0.0067	24	SW9-2A
23	RIPRAP	W28	39	0.0009	2	SW9-2A
23	FILL	W29	25	0.0006	4	SW9-2A
23	FILL	W30	49	0.0011	7	SW9-2A
23	RIPRAP	W31	33	0.0008	2	SW9-2A
23	FILL	W32	58	0.0013	11	SW9-2A
23	FILL	W33	77	0.0018	25	NW9-2E
23	RIPRAP	W34	959	0.0220	77	NW9-2E
24	RIPRAP	W35	43	0.0010	2	SW9-2A
24	FILL	W36	39	0.0009	7	SW9-2A
24	RIPRAP	W37	10	0.0002	1	SW9-2A
24	RIPRAP	W38	11	0.0003	1	NW9-2E
26	FILL	W39	799	0.0183	3	WX & WW
26	FILL	W40	1424	0.0327	1	WX & WW
26	FILL	W41	7	0.0002	148	WX & WW
26	FILL	W42	307	0.0070	264	WX & WW
26	FILL	W43	1473	0.0338	57	WX & WW
26	FILL	W44	24	0.0006	273	WX & WW
9	FILL	W45	808	0.0185	N/A	WAE
14	FILL	W46	724	0.0166	142	WU
14	RIPRAP	W47	95	0.0022	10	WU
WETLANDS SUBTOTAL			33,572	0.7707	7,508	
FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)						
8	FLOW IMPACT	O1	326	0.0075	N/A	WAG NT
8	FILL	O2	119	0.0027	21	WA NT
8	RIPRAP	O3	99	0.0023	5	WA
8	RIPRAP	O4	620	0.0142	40	WK NT
9	FILL	O5	1,954	0.0449	1,543	WAG
12	FILL	O6	227	0.0052	159	WF-4
12	RIPRAP	O7	1,980	0.0455	220	WF-4
15	RIPRAP	O10	274	0.0063	7	WF-1
15	FLOW IMPACT	O11	3077	0.0706	N/A	WF-1
18	FILL	O12	4,731	0.1086	125	SW9-3
19	FILL	O13	562	0.0129	49	SW9-3
19	FILL	O14	2,767	0.0635	61	SW9-3
19	FLOW IMPACT	O15	1,510	0.0347	N/A	SW9-3
19	FILL	O16	1,491	0.0342	102	NW9-2E
20	FILL	O17	6,639	0.1524	610	NW9-2E
20	FILL	O18	7,934	0.1821	730	SW9-3
21	FILL	O19	8766	0.2012	853	SW9-3
21	RIPRAP	O20	1403	0.0322	113	WY
21	FLOW IMPACT	O21	1611	0.0370	N/A	WY
21	FILL	O22	6172	0.1417	379	NW9-2E
21	RIPRAP	O23	636	0.0146	51	NW9-2E
22	RIPRAP	O24	189	0.0043	16	NW9-2E
26	FILL	O25	225	0.0052	3	WX & WW
26	FILL	O26	225	0.0052	3	WX & WW
26	FILL	O27	225	0.0052	1	WX & WW
26	FILL	O28	225	0.0052	3	WX & WW
8	RIPRAP	O29	26	0.0006	2	WK-1 NT
33	FILL	O30	1069	0.0245	60	WAP
34	FILL	O31	2629	0.0604	25	WAP
AREAS OTHER THAN WETLANDS SUBTOTAL			57,437	0.7707	5,351	
TOTAL ACOE AQUATIC			91,009	2.0893	12,689	

WEM-NT
WEM-NT
WEM-NT
WEM-NT

I-95 MAINLINE/SR-1 INTERCHANGE TEMPORARY IMPACTS						
SHEET #	TYPE	LOCATION	AREA (SQUARE FEET)	AREA (ACRE)	VOLUME (CUBIC YARDS)	WETLAND NAME
FEDERALLY REGULATED WATERS OF THE U.S. (WETLANDS)						
7	E&S	WT1	338	0.0078	N/A	WAE
8	E&S	WT2	195	0.0045	N/A	WAD
11	E&S	WT4	200	0.0046	N/A	WLP
13	E&S	WT5	1444	0.0331	N/A	WAI
14	E&S	WT6	280	0.0064	N/A	WD
14	E&S	WT7	59	0.0014	N/A	WD
15	E&S	WT8	54	0.0012	N/A	WR
15	E&S	WT9	236	0.0054	N/A	WS
19	E&S	WT10	1209	0.0278	N/A	NW9-2B
20	E&S	WT11	260	0.0060	N/A	NW9-2D
21	E&S	WT12	233	0.0053	N/A	NW9-2C
21	E&S	WT13	870	0.0200	N/A	NW9-2D
22	E&S	WT14	2253	0.0517	N/A	NW9-2E
22	E&S	WT15	173	0.0040	N/A	NW9-2E
22	E&S	WT16	258	0.0059	N/A	SW9-2A
23	E&S	WT17	84	0.0019	N/A	SW9-2A
23	E&S	WT18	1047	0.0240	N/A	SW9-2A
23	E&S	WT19	59	0.0014	N/A	SW9-2A
23	E&S	WT20	372	0.0085	N/A	SW9-2A
23	E&S	WT21	2953	0.0678	N/A	NW9-2E
23	E&S	WT22	705	0.0162	N/A	NW9-2E
24	E&S	WT23	44	0.0010	N/A	SW9-2A
24	E&S	WT24	36	0.0008	N/A	SW9-2A
24	E&S	WT25	937	0.0215	N/A	SW9-2A
24	E&S	WT26	247	0.0057	N/A	NW9-2E
24	E&S	WT27	184	0.0042	N/A	NW9-2E
24	E&S	WT28	96	0.0022	N/A	NW9-2E
25	E&S	WT29	58	0.0013	N/A	SW9-2A
25	E&S	WT30	48	0.0011	N/A	SW9-2A
25	E&S	WT31	71	0.0016	N/A	SW9-2A
25	E&S	WT32	159	0.0037	N/A	NW9-2E
26	E&S	WT33	42	0.0010	N/A	NW10-1C
26	E&S	WT34	101	0.0023	N/A	NW10-1A
26	E&S	WT35	388	0.0084	N/A	WX & WW
26	E&S	WT36	1131	0.0260	N/A	WX & WW
26	E&S	WT37	385	0.0088	N/A	WX & WW
26	E&S	WT38	1046	0.0240	N/A	WX & WW
14	E&S	WT39	201	0.0046	N/A	WU
14	E&S	WT40	30	0.0007	N/A	WU
WETLANDS SUBTOTAL			18,446	0.4235	N/A	
FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)						
8	E&S	OT1	38	0.0009	N/A	WA
8	E&S	OT2	217	0.0050	N/A	WK
12	E&S	OT3	358	0.0082	N/A	WF-4
26	E&S	OT6	173	0.0040	N/A	NW10-1A
26	E&S	OT7	256	0.0059	N/A	WX & WW
26	E&S	OT8	685	0.0160	N/A	WX & WW
26	E&S	OT9	567	0.0128	N/A	WX & WW
26	E&S	OT10	220	0.0051	N/A	WX & WW
8	E&S	OT11	27	0.0006	N/A	WK-1
AREAS OTHER THAN WETLANDS SUBTOTAL			2,541	0.0583	N/A	
TOTAL ACOE AQUATIC			20,987	0.4818	N/A	

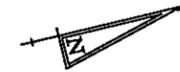
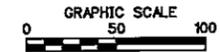
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8/4/04 AM 7/27/2006
 DESIGN PREL. TRACING
 CHKD

ENVIRONMENTAL COMPLIANCE NOTES

SEE FIRST ENVIRONMENTAL COMPLIANCE SHEET

ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN



CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHTS.
95-090-01	NEW CASTLE	1M-N0561271	6	39

**DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
I 95 MAINLINE WIDENING**

REVISIONS

NO.	DESCRIPTION

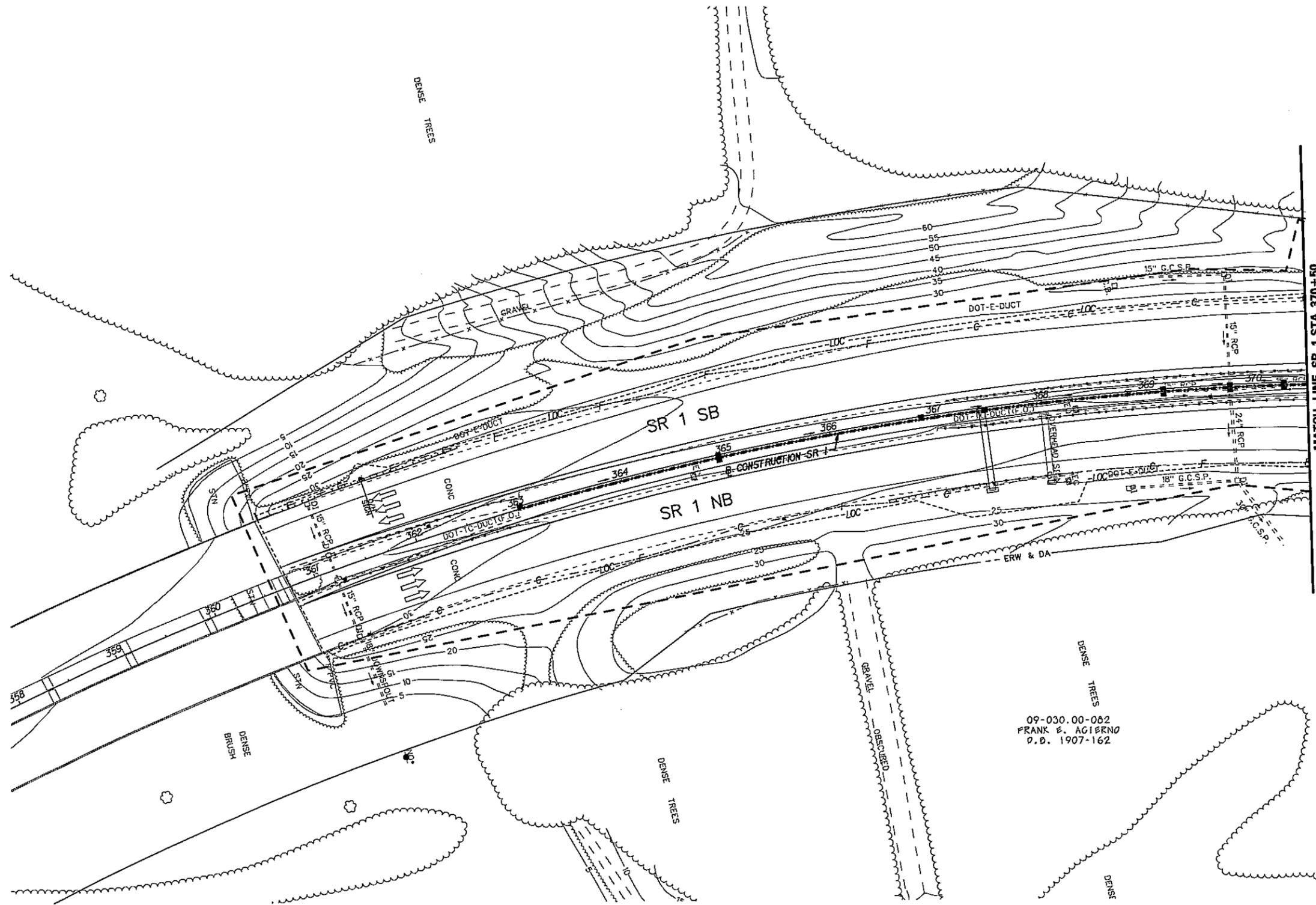
SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
NOVEMBER 2004

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
OCTOBER 2004

LEGEND

- PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- WOUS - FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
- WL - FEDERALLY REGULATED WATERS OF THE U.S. (WETLANDS) BOUNDARY
- WETLAND INVESTIGATION AREA
- XX - IMPACT AREA TYPE IDENTIFIER (SEE BELOW)
- 00 - IMPACT AREA LOCATION NUMBER
- T - TEMPORARY IMPACT
- W - FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
- O - FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)

NOTE: NO IMPACTS THIS SHEET



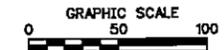
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PREL. TRACING DESIGN CHKD.

ENVIRONMENTAL COMPLIANCE NOTES

SEE FIRST ENVIRONMENTAL COMPLIANCE SHEET

ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN



CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	1M-N056(27)	7	39

DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
195 MAINLINE WIDENING

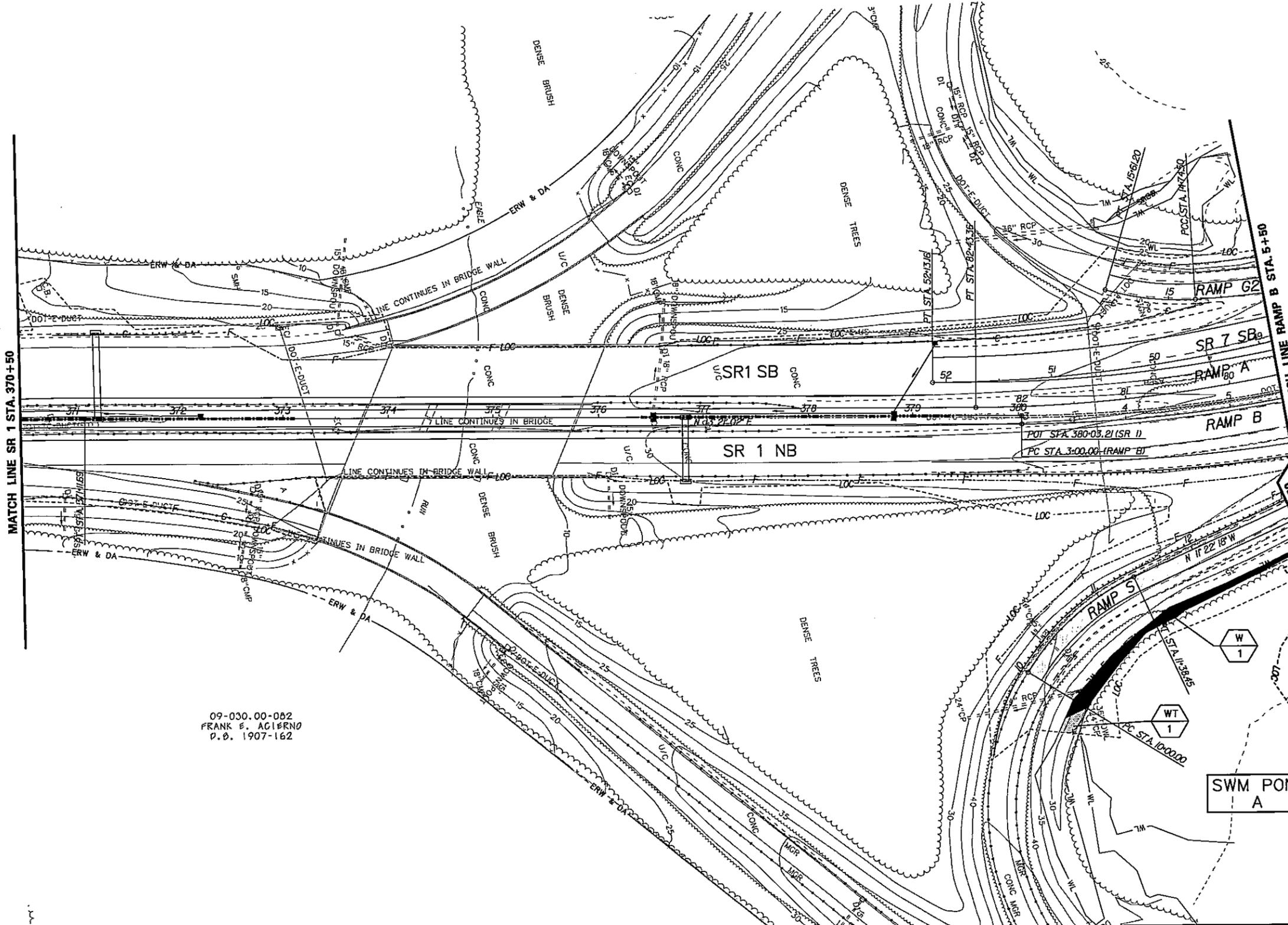
REVISIONS

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
NOVEMBER 2004

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
OCTOBER 2004

LEGEND

- PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- WOUS - FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
- WL - FEDERALLY REGULATED WATERS OF THE U.S. (WETLANDS) BOUNDARY
- WETLAND INVESTIGATION AREA
- XX - IMPACT AREA TYPE IDENTIFIER (SEE BELOW)
- 1 - IMPACT AREA LOCATION NUMBER
- T - TEMPORARY IMPACT
- W - FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
- O - FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)



09-030.00-082
FRANK E. ACIERNO
P.O. 1907-162

LOCATION OF IMPACT AREAS				
LOCATION	AREA (SQUARE FEET)	AREA (ACRES)	VOLUME (CUBIC YARDS)	WETLAND NAME
PERMANENT IMPACTS				
FILL AREA W1	2217	0.0509	211	WAE
TOTAL	2217	0.0509	211	
TEMPORARY IMPACTS				
E&S AREA WT1	338	0.0078	N/A	WAE
TOTAL	338	0.0078	0	

PREL. TRACING _____ DESIGN _____ CHKD. _____
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ENVIRONMENTAL COMPLIANCE NOTES

SEE FIRST ENVIRONMENTAL COMPLIANCE SHEET

ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN

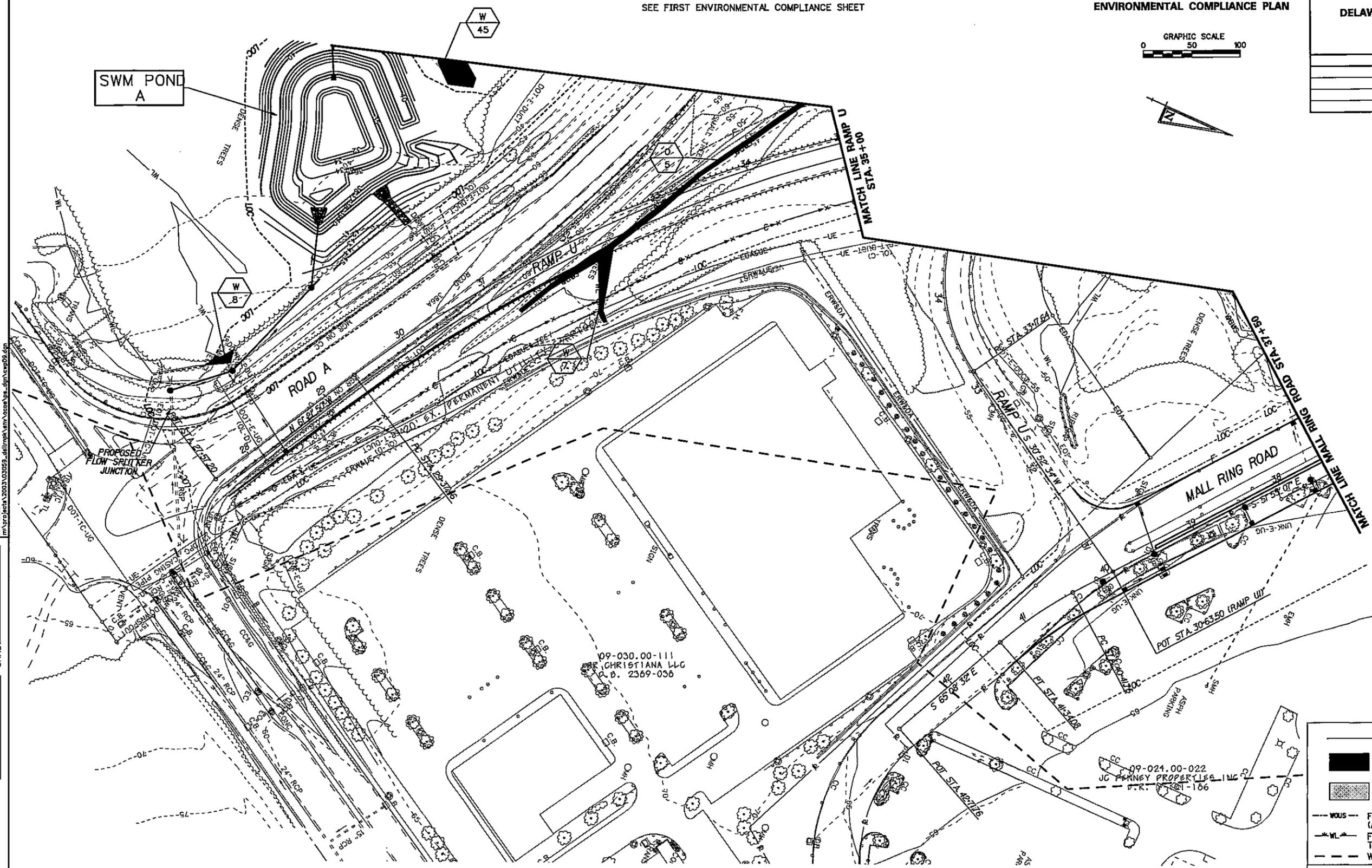
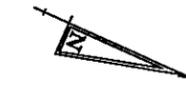
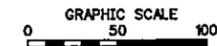
CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	1M-N0561(27)	9	39

**DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
195 MAINLINE WIDENING**

REVISIONS

SHEET PREPARED BY:
RÜMEL, KLEPPER & KAHL, LLP
NOVEMBER 2004

WETLANDS DELINEATED BY:
RÜMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
OCTOBER 2004



1/29/02 PM 7:17:28 AM
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CHKD

DESIGN

PREL. TRACING

LOCATION OF IMPACT AREAS				
LOCATION	AREA (SQUARE FEET)	AREA (ACRES)	VOLUME (CUBIC YARDS)	WETLAND NAME
PERMANENT IMPACTS				
FILL AREA W7	590	0.0135	177	WAH
RIPRAP AREA W8	202	0.0046	7	WAF
FLOW IMPACT AREA W45	808	0.0186	N/A	WAE
FILL AREA Q5	1954	0.0449	1543	WAG
TOTAL	2746	0.0630	1727	

LEGEND

- PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- WOUS - FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
- WL - FEDERALLY REGULATED WATERS OF THE U.S. (WETLANDS) BOUNDARY
- WETLAND INVESTIGATION AREA
- XX IMPACT AREA TYPE IDENTIFIER (SEE BELOW)
- 45 IMPACT AREA LOCATION NUMBER
- T - TEMPORARY IMPACT
- W - FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
- O - FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)

ENVIRONMENTAL COMPLIANCE NOTES

SEE FIRST ENVIRONMENTAL COMPLIANCE SHEET

ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN

CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	1M-N056(27)	10	39

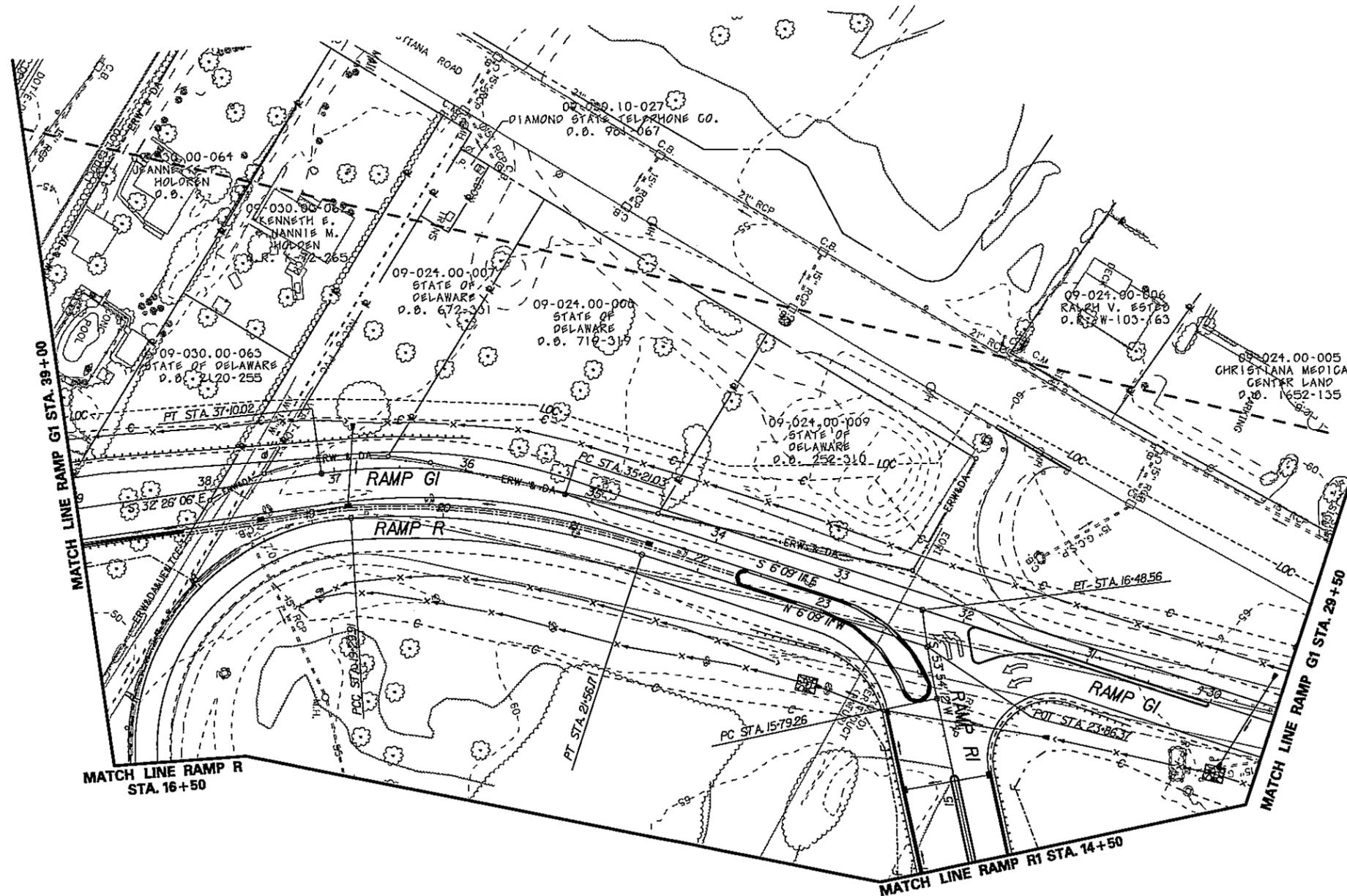
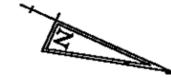
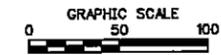
**DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
I95 MAINLINE WIDENING**

REVISIONS

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
NOVEMBER 2004

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
OCTOBER 2004

NOTE: NO IMPACTS THIS SHEET



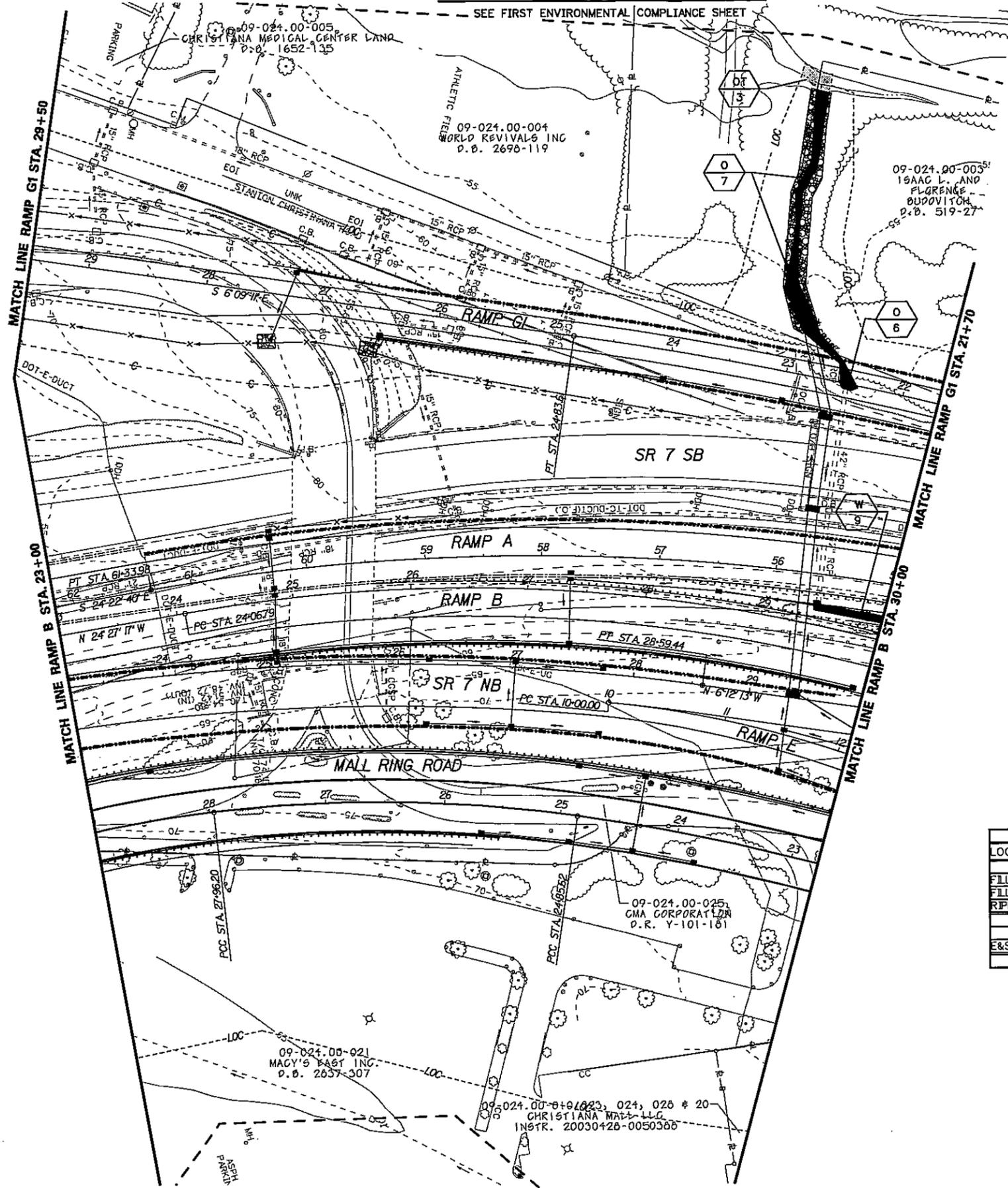
LEGEND

	PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
	TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
	FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
	FEDERALLY REGULATED WATERS OF THE U.S. (WETLANDS) BOUNDARY
	WETLAND INVESTIGATION AREA
	IMPACT AREA TYPE IDENTIFIER (SEE BELOW)
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T	TEMPORARY IMPACT
W	FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
O	FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)

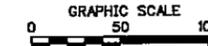
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ENVIRONMENTAL COMPLIANCE NOTES

SEE FIRST ENVIRONMENTAL COMPLIANCE SHEET



ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN



CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	IM-N0561271	12	39
DELAWARE TURNPIKE IMPROVEMENTS SR 1 INTERCHANGE AND 195 MAINLINE WIDENING				
REVISIONS				

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
NOVEMBER 2004

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
OCTOBER 2004

NOTES:

1. CHANNEL WILL BE BACKFILLED WITH NATIVE SALVAGED BED MATERIALS. AREAS OF BANK ABOVE MHW/OWH WILL BE FILLED, TOPSOILED, AND PLANTED.

LEGEND

- PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
- FEDERALLY REGULATED WATERS OF THE U.S. (WETLANDS) BOUNDARY
- WETLAND INVESTIGATION AREA
- XX IMPACT AREA TYPE IDENTIFIER (SEE BELOW)
- 06 IMPACT AREA LOCATION NUMBER
- T- TEMPORARY IMPACT
- W- FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
- O- FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)

LOCATION OF IMPACT AREAS				
LOCATION	AREA (SQUARE FEET)	AREA (ACRES)	VOLUME (CUBIC YARDS)	WETLAND NAME
PERMANENT IMPACTS				
FILL AREA W9	329	0.0076	233	WE
FILL AREA O6	227	0.0052	159	WF-4
RIPRAP AREA O7	1980	0.0455	220	WF-4
TOTAL	2536	0.0582	612	
TEMPORARY IMPACTS				
E&S AREA OT3	358	0.0082	N/A	WF-4
TOTAL	358	0.0082	0	

PREL. TRACING. DESIGN. CHKD.

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ENVIRONMENTAL COMPLIANCE NOTES

SEE FIRST ENVIRONMENTAL COMPLIANCE SHEET

ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN

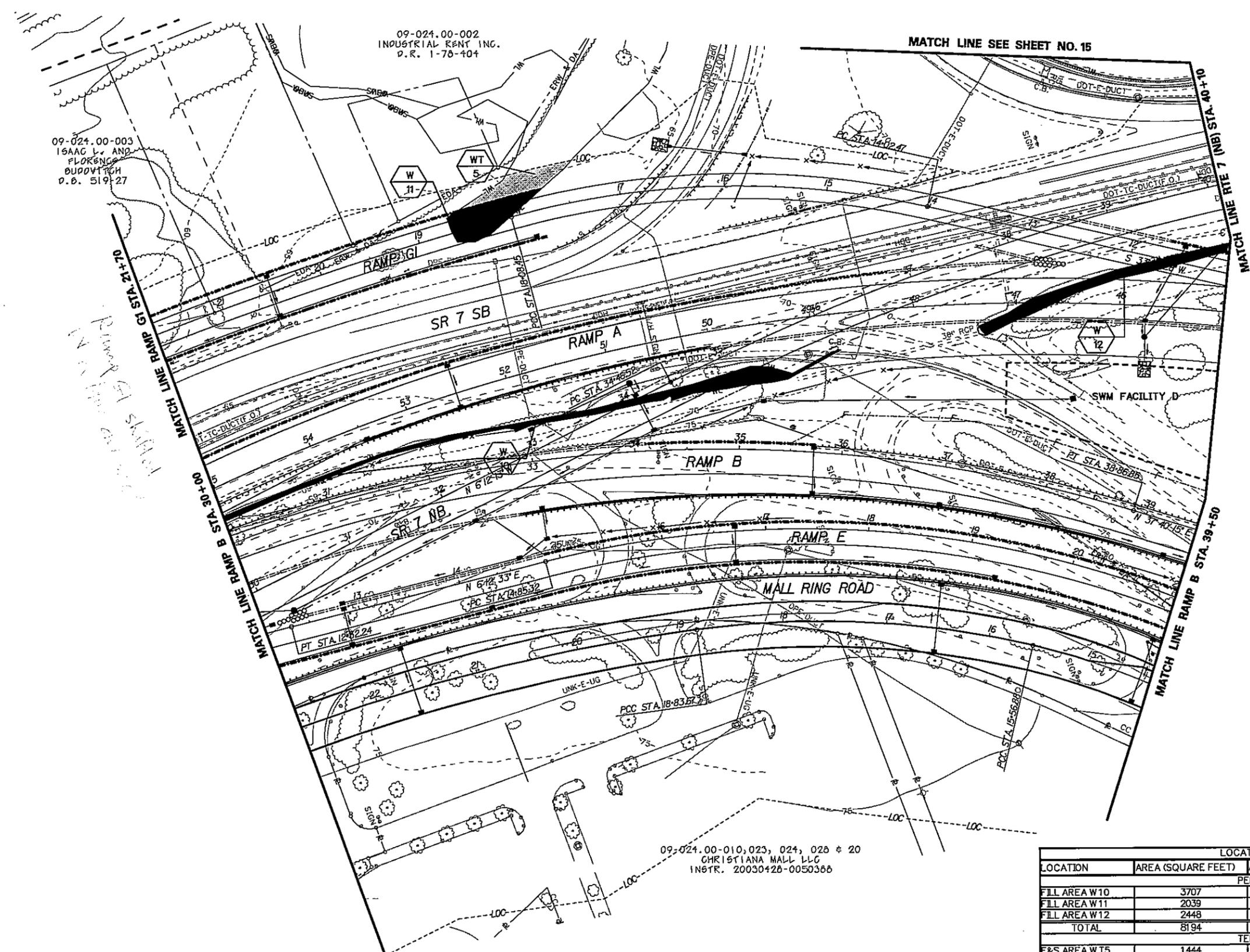
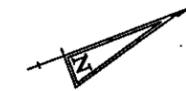
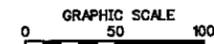
CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	1M-N0561271	13	39

**DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
I 95 MAINLINE WIDENING**

REVISIONS

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
NOVEMBER 2004

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
OCTOBER 2004



09-024.00-002
INDUSTRIAL RENT INC.
P.R. 1-70-104

09-024.00-003
ISAAC L. AND
FLORENCE
BUDDVITICH
D.O. 519-27

09-024.00-010, 023, 024, 026 & 20
CHRISTIANA MALL LLC
INSTR. 20030426-0050366

LEGEND

- PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
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- WETLAND INVESTIGATION AREA
- IMPACT AREA TYPE IDENTIFIER (SEE BELOW)
IMPACT AREA LOCATION NUMBER
- T- TEMPORARY IMPACT
- W- FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
- O- FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)

LOCATION OF IMPACT AREAS				
LOCATION	AREA (SQ. FEET)	AREA (ACRES)	VOLUME (CUBIC YARDS)	WETLAND NAME
PERMANENT IMPACTS				
FILL AREA W10	3707	0.0851	1653	WE & WT
FILL AREA W11	2039	0.0468	1789	WAI
FILL AREA W12	2448	0.0562	1194	WD
TOTAL	8194	0.1881	4636	
TEMPORARY IMPACTS				
E&S AREA W15	1444	0.0331	N/A	WAI
TOTAL	1444	0.0331	0	

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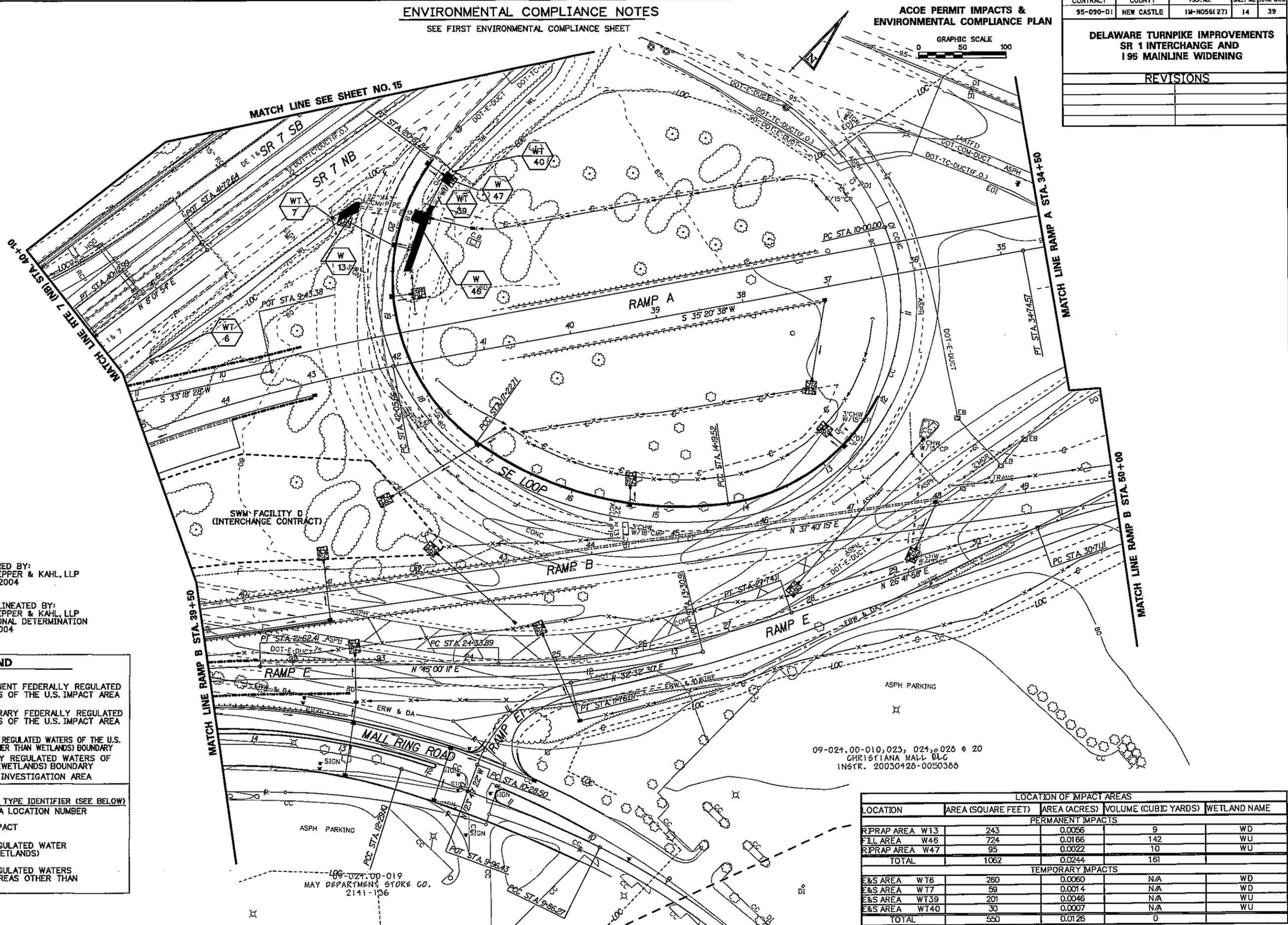
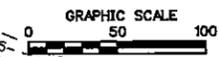
ENVIRONMENTAL COMPLIANCE NOTES
SEE FIRST ENVIRONMENTAL COMPLIANCE SHEET

ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN

CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	1M-N056127	14	39

**DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
195 MAINLINE WIDENING**

REVISIONS



SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
NOVEMBER 2004

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
OCTOBER 2004

LEGEND

- PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- WOUS - FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
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- W - FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
- O - FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)

09-024.00-010,023, 024,026 + 20
CHRISTIANA MALL DLG
INSTR. 20030428-0050366

LOCATION OF IMPACT AREAS				
LOCATION	AREA (SQUARE FEET)	AREA (ACRES)	VOLUME (CUBIC YARDS)	WETLAND NAME
PERMANENT IMPACTS				
RPRAP AREA W13	243	0.0056	9	WD
FILL AREA W46	724	0.0166	142	WU
RPRAP AREA W47	95	0.0022	10	WU
TOTAL	1062	0.0244	161	
TEMPORARY IMPACTS				
E&S AREA WT6	260	0.0060	N/A	WD
E&S AREA WT7	59	0.0014	N/A	WD
E&S AREA WT39	201	0.0046	N/A	WU
E&S AREA WT40	30	0.0007	N/A	WU
TOTAL	550	0.0126	0	

PREL. TRACING DESIGN CHKD 8/07/2004 AM 7/10/2006

ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN

**DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
195 MAINLINE WIDENING**

REVISIONS

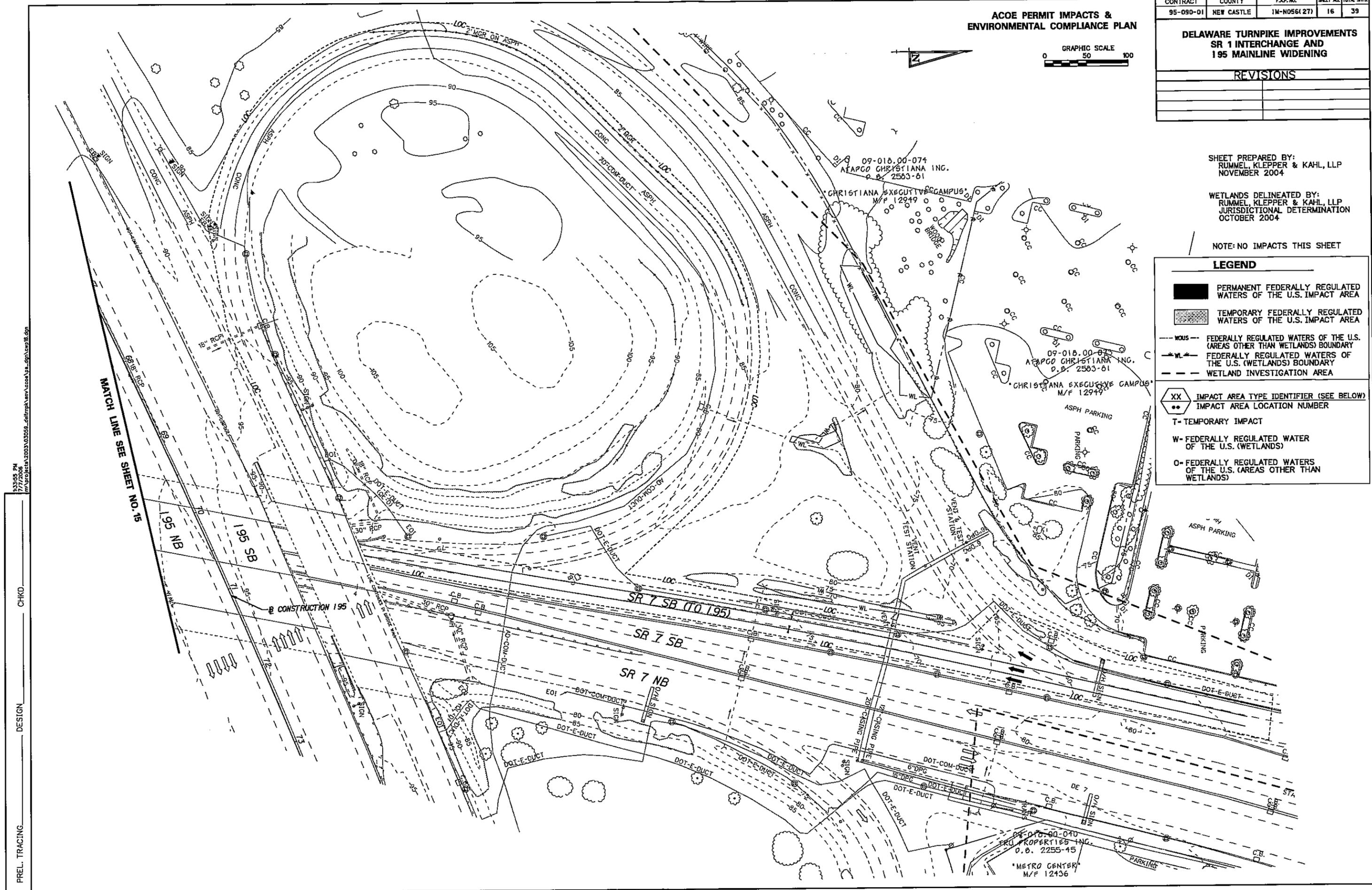
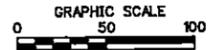
SHEET PREPARED BY:
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NOVEMBER 2004

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
OCTOBER 2004

NOTE: NO IMPACTS THIS SHEET

LEGEND

- PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
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- XX IMPACT AREA TYPE IDENTIFIER (SEE BELOW)
- IMPACT AREA LOCATION NUMBER
- T- TEMPORARY IMPACT
- W- FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
- O- FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)



MATCH LINE SEE SHEET NO. 15

PREL. TRACING DESIGN CHKD

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ENVIRONMENTAL COMPLIANCE NOTES
SEE FIRST ENVIRONMENTAL COMPLIANCE SHEET

**ACOE PERMIT IMPACTS &
ENVIRONMENTAL COMPLIANCE PLAN**

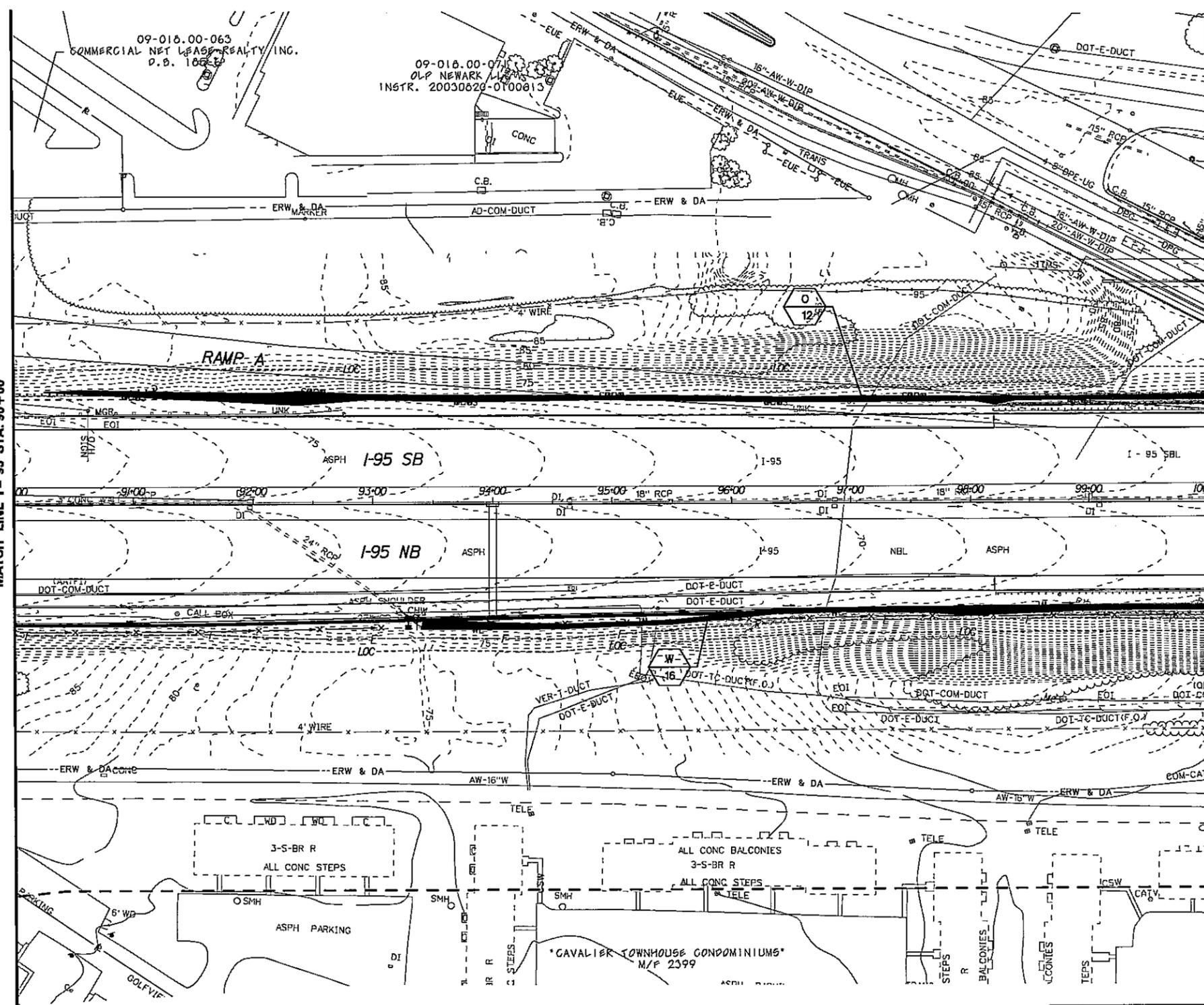
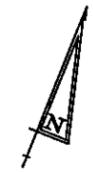
CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHTS.
95-090-01	NEW CASTLE	1M-N0561271	18	39

**DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
195 MAINLINE WIDENING**

REVISIONS

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
NOVEMBER 2004

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
OCTOBER 2004



MATCH LINE 1 - 95 STA. 90+00

MATCH LINE 1 - 95 STA. 100+00

LEGEND

- PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- WOUS --- FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
- *-* FEDERALLY REGULATED WATERS OF THE U.S. (WETLANDS) BOUNDARY
- - - WETLAND INVESTIGATION AREA
- XX IMPACT AREA TYPE IDENTIFIER (SEE BELOW)
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- T- TEMPORARY IMPACT
- W- FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
- O- FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)

LOCATION OF IMPACT AREAS

LOCATION	AREA (SQUARE FEET)	AREA (ACRES)	VOLUME (CUBIC YARDS)	WETLAND NAME
PERMANENT IMPACTS				
FILL AREA O12	4731	0.1086	125	SW 9-3
FILL AREA W16	3239	0.0744	347	NW 9-2A
TOTAL	7970	0.1830	472	

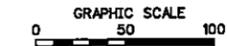
PREL. TRACING DESIGN CHKD 152400 PM 7/7/2008

LOCATION OF IMPACT AREAS				
LOCATION	AREA (SQUARE FEET)	AREA (ACRES)	VOLUME (CUBIC YARDS)	WETLAND NAME
PERMANENT IMPACTS				
FILL AREA O 17	6639	0.1524	610	NW9-2E
FILL AREA O 18	7934	0.1821	730	SW9-3
TOTAL	14573	0.3346	1340	
TEMPORARY IMPACTS				
E&S AREA WT11	260	0.0060	N/A	NW9-2D
TOTAL	260	0.0060	N/A	

ENVIRONMENTAL COMPLIANCE NOTES

SEE FIRST ENVIRONMENTAL COMPLIANCE SHEET

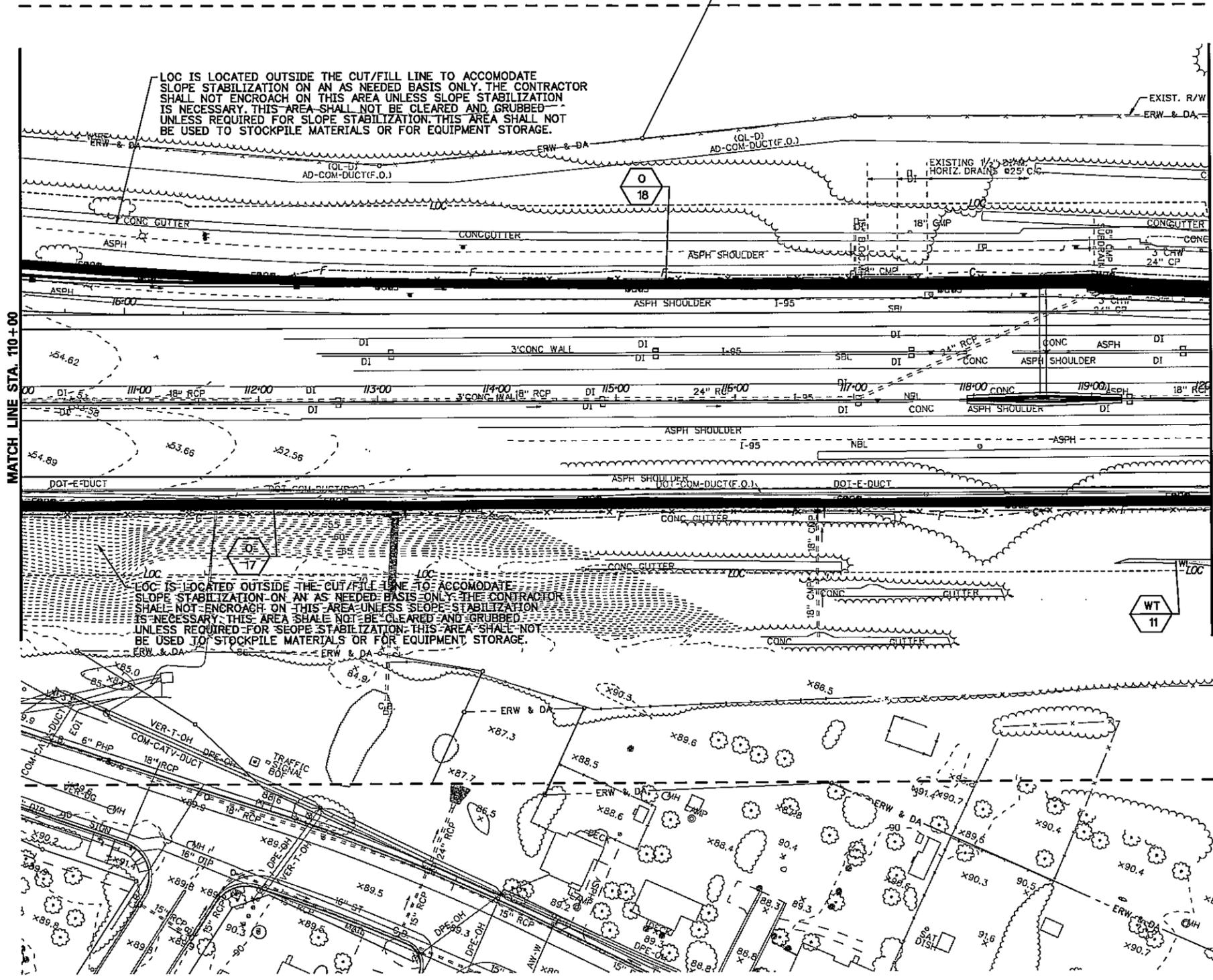
ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN



CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	IM-N056(27)	20	39
DELAWARE TURNPIKE IMPROVEMENTS SR 1 INTERCHANGE AND I 95 MAINLINE WIDENING				
REVISIONS				

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
NOVEMBER 2004

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
OCTOBER 2004



LEGEND	
	PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
	TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
	FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
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	IMPACT AREA LOCATION NUMBER
T	TEMPORARY IMPACT
W	FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
O	FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)

PREL. TRACING
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 177/2006
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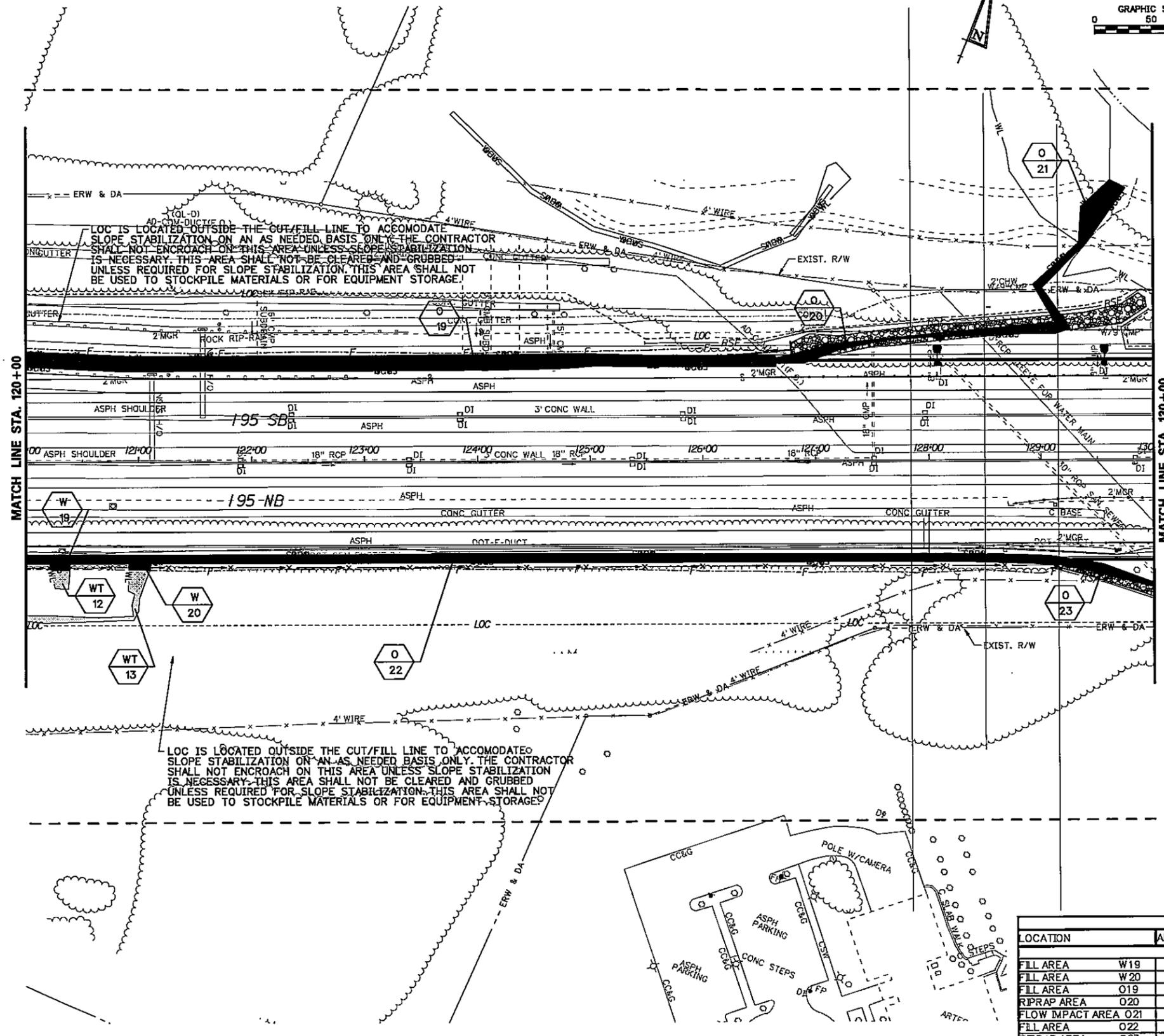
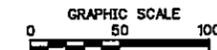
ENVIRONMENTAL COMPLIANCE NOTES
SEE FIRST ENVIRONMENTAL COMPLIANCE SHEET

ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN

CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	1W-N0561 27J	21	39
DELAWARE TURNPIKE IMPROVEMENTS SR 1 INTERCHANGE AND I 95 MAINLINE WIDENING				
REVISIONS				

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
NOVEMBER 2004

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
OCTOBER 2004



- NOTES:
- CHANNEL WILL BE BACKFILLED WITH NATIVE SALVAGED BED MATERIALS. AREAS OF BANK ABOVE MHW/OWH WILL BE FILLED, TOPSOILED, AND PLANTED.

LEGEND

- PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- WOLIS - FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
- WL - FEDERALLY REGULATED WATERS OF THE U.S. (WETLANDS) BOUNDARY
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LOCATION OF IMPACT AREAS

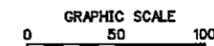
LOCATION	AREA (SQUARE FEET)	AREA (ACRES)	VOLUME (CUBIC YARDS)	WETLAND NAME
PERMANENT IMPACTS				
FILL AREA W19	133	0.0031	6	NW 9-2C
FILL AREA W20	107	0.0025	4	NW 9-2D
FILL AREA O19	8766	0.2012	853	SW 9-3
RIPRAP AREA O20	1403	0.0322	113	WY
FLOW IMPACT AREA O21	1611	0.0370	N/A	WY
FILL AREA O22	6172	0.1417	379	NW 9-2E
RIPRAP AREA O23	636	0.0146	51	NW 9-2E
TOTAL	18828	0.4322	1406	
TEMPORARY IMPACTS				
E&S AREA WT 12	233	0.0053	N/A	NW 9-2C
E&S AREA WT 13	870	0.0200	N/A	NW 9-2D
TOTAL	1103	0.0253	N/A	

PREL. TRACING DESIGN CHKD. 179702.dwg 11/19/04 11:55 AM m:\projects\2003\030559_deltmpk\env\ecomp\1.dwg

ENVIRONMENTAL COMPLIANCE NOTES

SEE FIRST ENVIRONMENTAL COMPLIANCE SHEET

ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN



CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	IM-N056(27)	22	39

DELAWARE TURNPIKE IMPROVEMENTS SR 1 INTERCHANGE AND 195 MAINLINE WIDENING

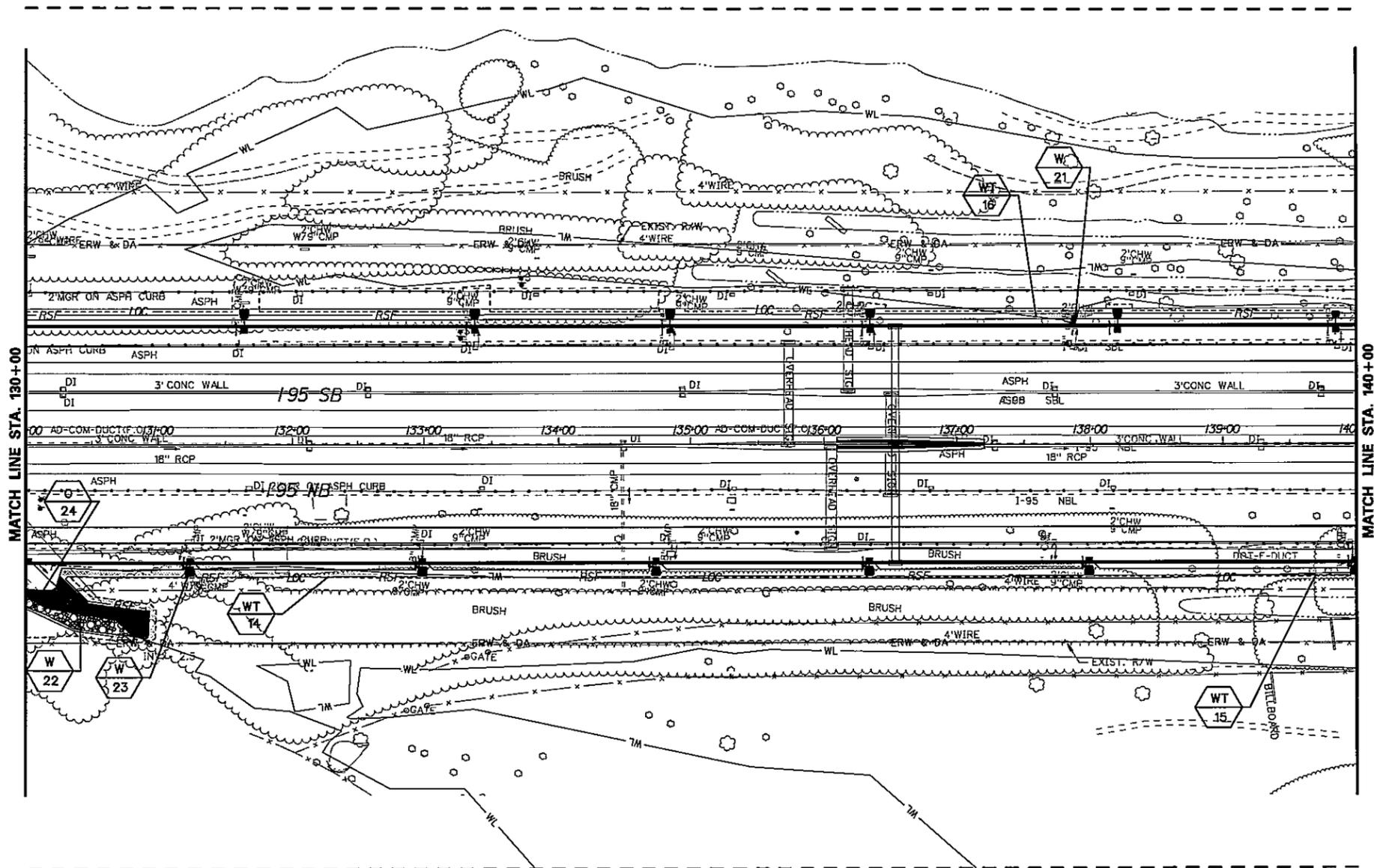
REVISIONS

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
NOVEMBER 2004

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
OCTOBER 2004

LOCATION OF IMPACT AREAS				
LOCATION	AREA (SQUARE FEET)	AREA (ACRES)	VOLUME (CUBIC YARDS)	WETLAND NAME
PERMANENT IMPACTS				
RPRAP AREA W 21	30	0.0007	2	SW 9-2A
RPRAP AREA W 22	1152	0.0264	93	NW 9-2E
RPRAP AREA W 23	17	0.0004	1	NW 9-2E
RPRAP AREA O 24	189	0.0043	16	NW 9-2E
TOTAL	1388	0.0319	112	
TEMPORARY IMPACTS				
E&S AREA WT 14	2253	0.0517	N/A	NW 9-2E
E&S AREA WT 15	173	0.0040	N/A	NW 9-2E
E&S AREA WT 16	258	0.0059	N/A	SW 9-2A
TOTAL	2684	0.0616	N/A	

W.L. 2.8



MATCH LINE STA. 130+00

MATCH LINE STA. 140+00

LEGEND	
	PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
	TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
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	IMPACT AREA TYPE IDENTIFIER (SEE BELOW) IMPACT AREA LOCATION NUMBER
	TEMPORARY IMPACT
	FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
	FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)

PREL. TRACING
 DESIGN
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 7/7/2004
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**DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
195 MAINLINE WIDENING**

REVISIONS

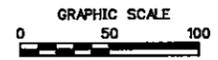
SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
NOVEMBER 2004

WETLANDS DELINEATED BY:
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JURISDICTIONAL DETERMINATION
OCTOBER 2004

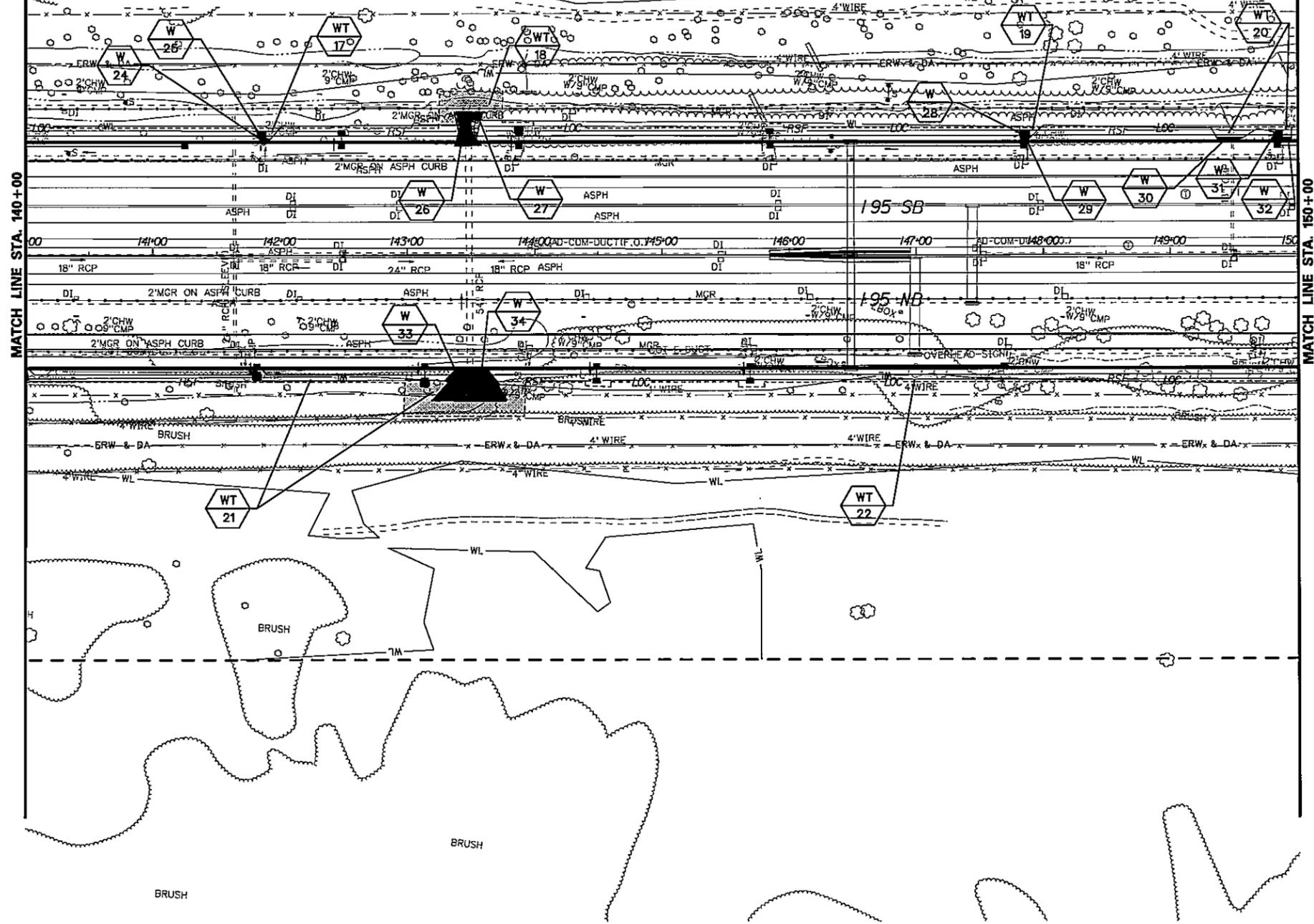
ENVIRONMENTAL COMPLIANCE NOTES

SEE FIRST ENVIRONMENTAL COMPLIANCE SHEET

**ACOE PERMIT IMPACTS &
ENVIRONMENTAL COMPLIANCE PLAN**



LOCATION OF IMPACT AREAS				
LOCATION	AREA (SQUARE FEET)	AREA (ACRES)	VOLUME (CUBIC YARDS)	WETLAND NAME
PERMANENT IMPACTS				
FILL AREA W 24	28	0.0006	2	SW 9-2A
RIPRAP AREA W 25	32	0.0007	5	SW 9-2A
FILL AREA W 26	106	0.0024	21	SW 9-2A
RIPRAP AREA W 27	293	0.0067	24	SW 9-2A
RIPRAP AREA W 28	39	0.0009	2	SW 9-2A
FILL AREA W 29	25	0.0006	4	SW 9-2A
FILL AREA W 30	49	0.0011	7	SW 9-2A
RIPRAP AREA W 31	33	0.0008	2	SW 9-2A
FILL AREA W 32	58	0.0013	11	SW 9-2A
FILL AREA W 33	77	0.0018	25	NW 9-2E
RIPRAP AREA W 34	959	0.0220	77	NW 9-2E
TOTAL	1699	0.0390	180	
TEMPORARY IMPACTS				
E&S AREA WT 17	84	0.0019	N/A	SW 9-2A
E&S AREA WT 18	1047	0.0240	N/A	SW 9-2A
E&S AREA WT 19	59	0.0014	N/A	SW 9-2A
E&S AREA WT 20	372	0.0085	N/A	SW 9-2A
E&S AREA WT 21	2953	0.0678	N/A	NW 9-2E
E&S AREA WT 22	705	0.0162	N/A	NW 9-2E
TOTAL	5220	0.1198	N/A	



LEGEND

- PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- WOUS --- FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
- *-* FEDERALLY REGULATED WATERS OF THE U.S. (WETLANDS) BOUNDARY
- - - WETLAND INVESTIGATION AREA
- XX IMPACT AREA TYPE IDENTIFIER (SEE BELOW)
- IMPACT AREA LOCATION NUMBER
- T TEMPORARY IMPACT
- W FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
- O FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)

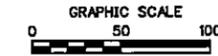
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CHKD

DESIGN

PREL. TRACING

ENVIRONMENTAL COMPLIANCE NOTES
SEE FIRST ENVIRONMENTAL COMPLIANCE SHEET



CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	1M-N056(27)	24	39

DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
I 95 MAINLINE WIDENING

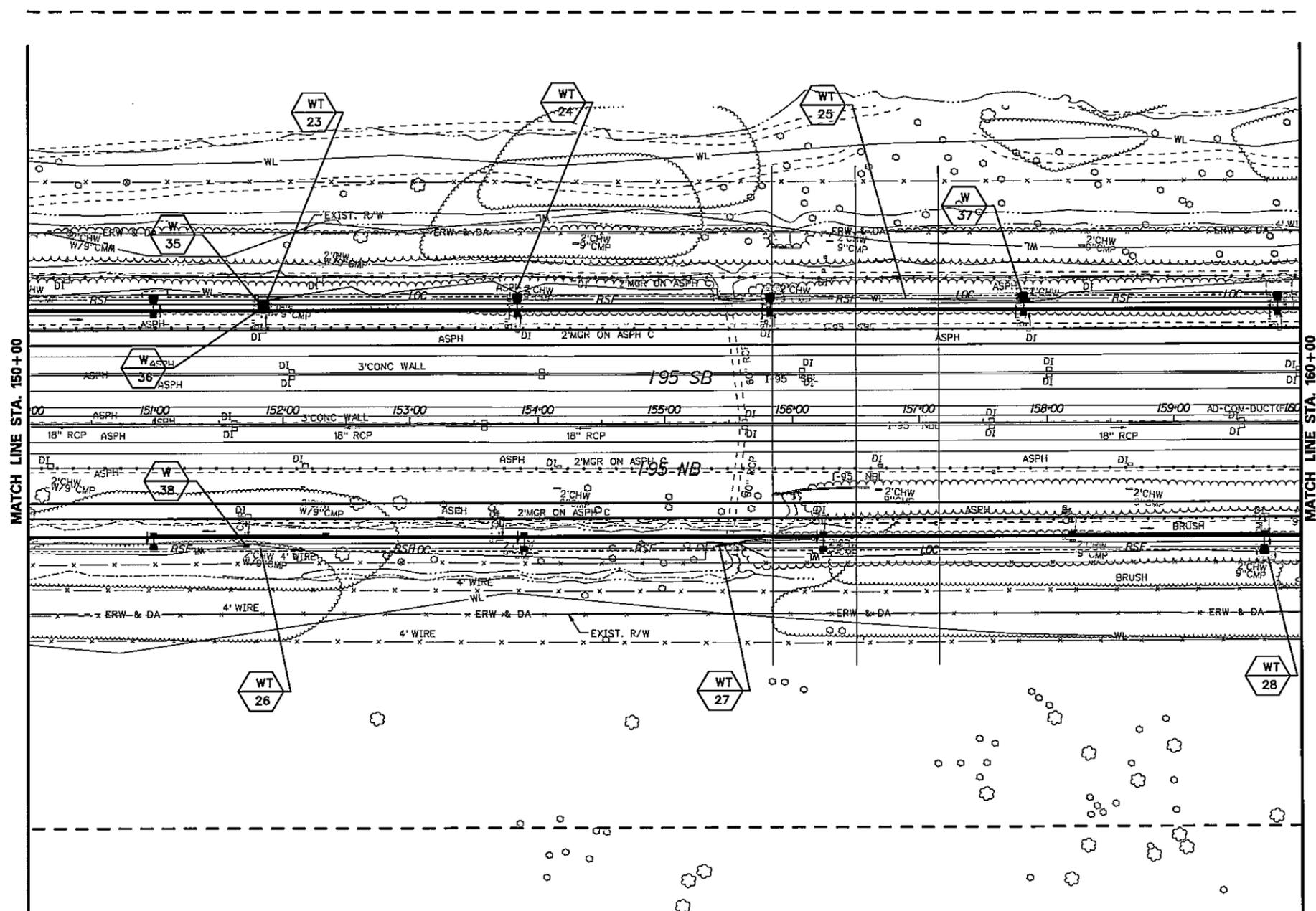
REVISIONS

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
NOVEMBER 2004

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
OCTOBER 2004

LEGEND

- PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
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- T- TEMPORARY IMPACT
- W- FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
- O- FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)



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CHKD

DESIGN

PREL. TRACING

LOCATION OF IMPACT AREAS				
LOCATION	AREA (SQUARE FEET)	AREA (ACRES)	VOLUME (CUBIC YARDS)	WETLAND NAME
PERMANENT IMPACTS				
RIPRAP AREA W 35	43	0.0010	2	SW 9-2A
FILL AREA W 36	39	0.0009	7	SW 9-2A
RIPRAP AREA W 37	10	0.0002	1	SW 9-2A
RIPRAP AREA W 38	11	0.0003	1	NW 9-2E
TOTAL	103	0.0024	11	
TEMPORARY IMPACTS				
E&S AREA WT 23	44	0.0010	N/A	SW 9-2A
E&S AREA WT 24	36	0.0008	N/A	SW 9-2A
E&S AREA WT 25	937	0.0215	N/A	SW 9-2A
E&S AREA WT 26	247	0.0057	N/A	NW 9-2E
E&S AREA WT 27	184	0.0042	N/A	NW 9-2E
E&S AREA WT 28	96	0.0022	N/A	NW 9-2E
TOTAL	1544	0.0354	N/A	

**DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
195 MAINLINE WIDENING**

REVISIONS

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
NOVEMBER 2004

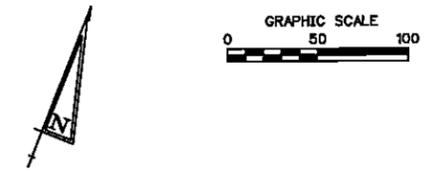
WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
OCTOBER 2004

LOCATION OF IMPACT AREAS													
LOCATION	AREA (SQUARE FEET)	AREA (ACRES)	VOLUME (CUBIC YARDS)	WETLAND NAME									
PERMANENT IMPACTS													
TOTAL	0	0	0										
TEMPORARY IMPACTS													
E&S AREA WT 29	58	0.0013	N/A	SW 9-2A									
E&S AREA WT 30	48	0.0011	N/A	SW 9-2A									
E&S AREA WT 31	71	0.0016	N/A </tr <tr> <td>E&S AREA WT 32</td> <td>159</td> <td>0.0037</td> <td>N/A</td> <td>NW 9-2E</td> </tr> <tr> <td>TOTAL</td> <td>336</td> <td>0.0077</td> <td>N/A</td> <td></td> </tr>	E&S AREA WT 32	159	0.0037	N/A	NW 9-2E	TOTAL	336	0.0077	N/A	
E&S AREA WT 32	159	0.0037	N/A	NW 9-2E									
TOTAL	336	0.0077	N/A										

ENVIRONMENTAL COMPLIANCE NOTES

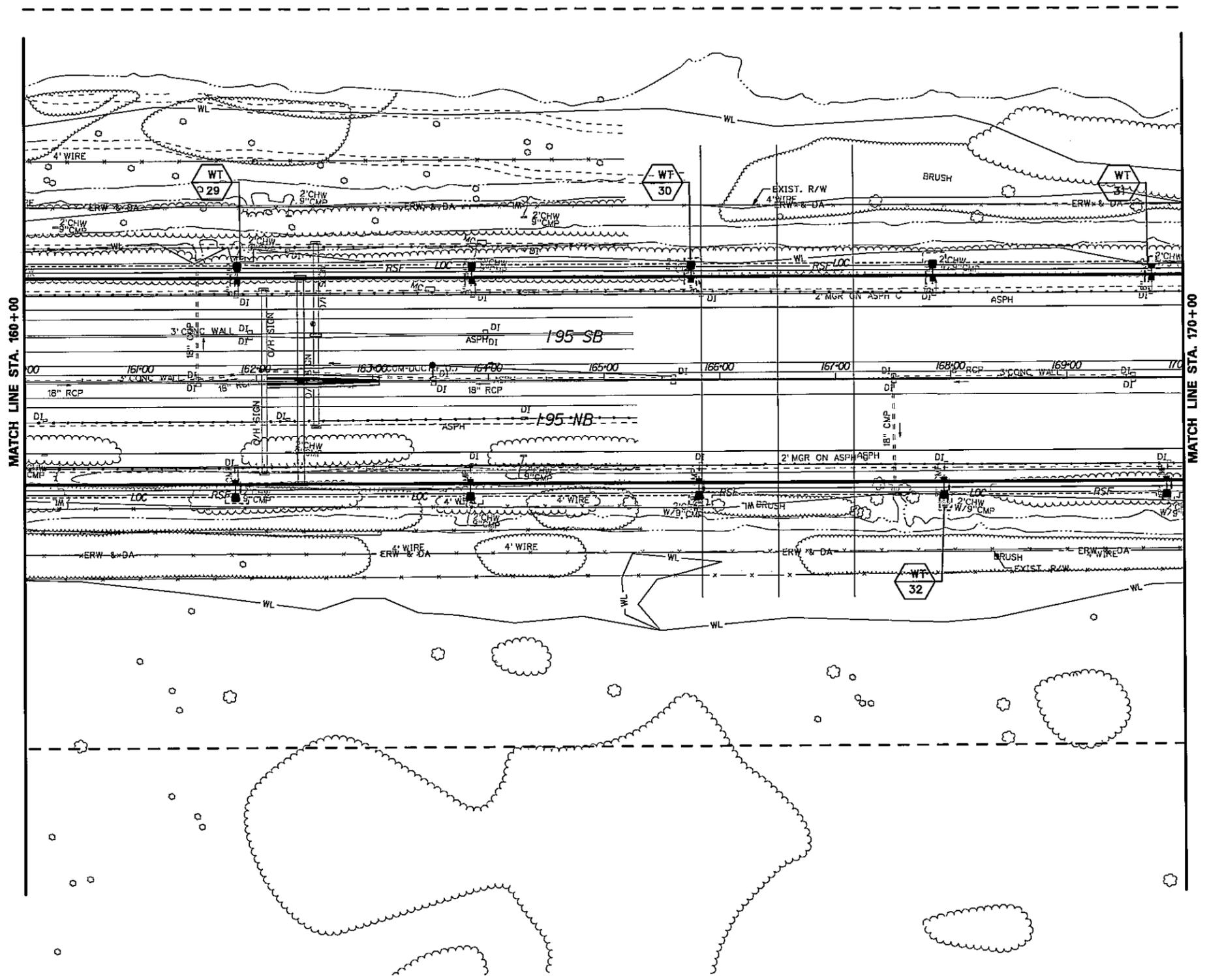
SEE FIRST ENVIRONMENTAL COMPLIANCE SHEET

**ACOE PERMIT IMPACTS &
ENVIRONMENTAL COMPLIANCE PLAN**



LEGEND

- PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- WOUS --- FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
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- - - WETLAND INVESTIGATION AREA
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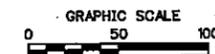


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 PREL. TRACING
 DESIGN
 CHKD

ENVIRONMENTAL COMPLIANCE NOTES

SEE FIRST ENVIRONMENTAL COMPLIANCE SHEET

ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN



CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SITS.
95-090-01	NEW CASTLE	1M-N056(27)	26	39

DELAWARE TURNPIKE IMPROVEMENTS SR 1 INTERCHANGE AND 195 MAINLINE WIDENING

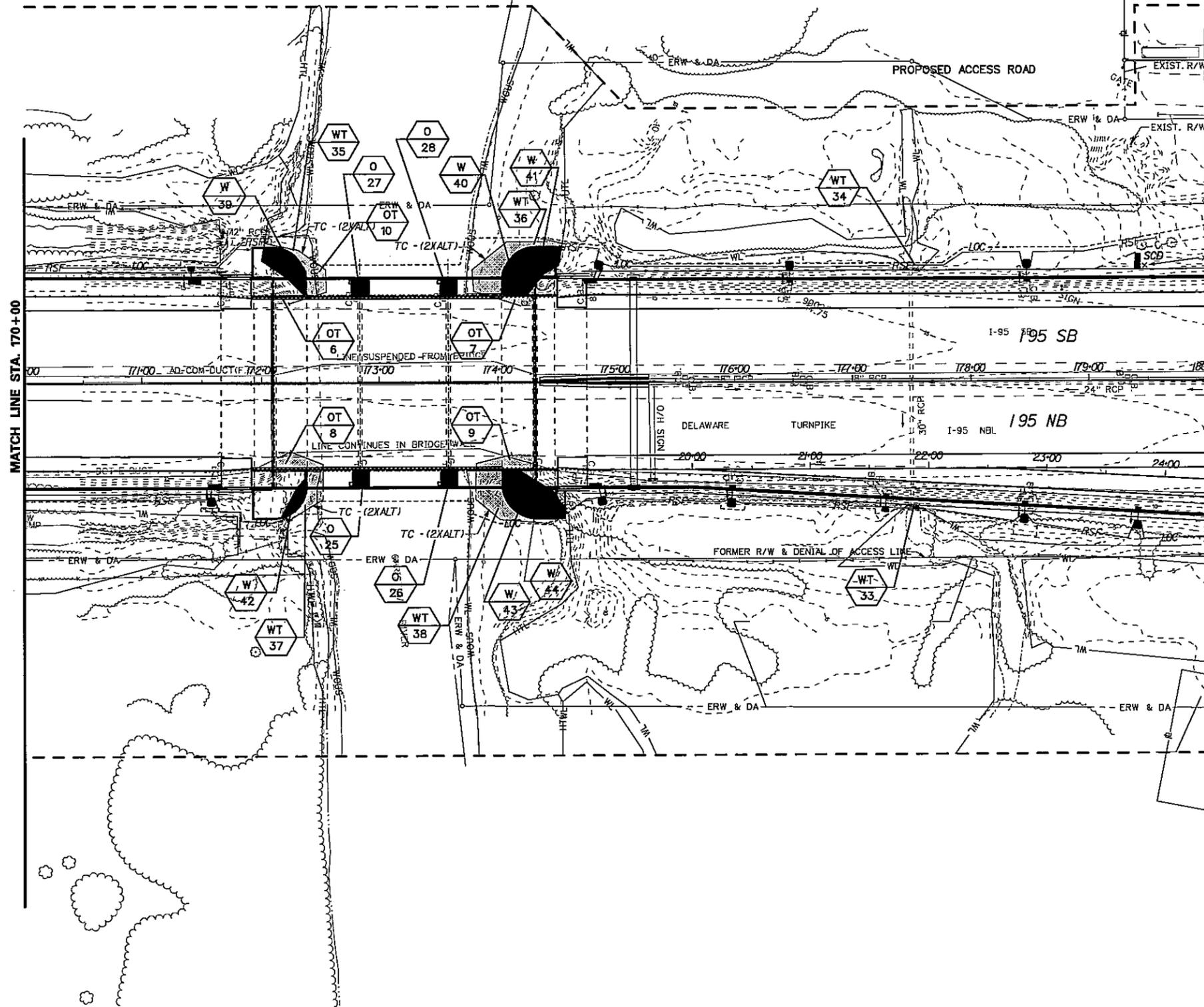
REVISIONS

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
NOVEMBER 2004

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
OCTOBER 2004

LEGEND

- PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
- FEDERALLY REGULATED WATERS OF THE U.S. (WETLANDS) BOUNDARY
- WETLAND INVESTIGATION AREA
- IMPACT AREA TYPE IDENTIFIER (SEE BELOW)
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- T- TEMPORARY IMPACT
- W- FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
- O- FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)



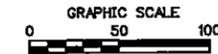
MATCH LINE STA. 180+00

MATCH LINE STA. 170+00

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LOCATION OF IMPACT AREAS				
LOCATION	AREA (SQ. FEET)	AREA (ACRES)	VOLUME (CUBIC YARDS)	WETLAND NAME
PERMANENT IMPACTS				
FILL AREA O25	225	0.0052	3	WX & WW
FILL AREA O26	225	0.0052	3	WX & WW
FILL AREA O27	225	0.0052	3	WX & WW
FILL AREA O28	225	0.0052	3	WX & WW
FILL AREA W39	799	0.0183	3	WX & WW
FILL AREA W40	1424	0.0327	1	WX & WW
FILL AREA W41	7	0.0002	148	WX & WW
FILL AREA W42	307	0.0071	264	WX & WW
FILL AREA W43	1473	0.0338	57	WX & WW
FILL AREA W44	24	0.0006	273	WX & WW
TOTAL	4934	0.1135	758	
TEMPORARY IMPACTS				
E&S AREA OT6	173	0.0040	N/A	WX & WW
E&S AREA OT7	256	0.0059	N/A	WX & WW
E&S AREA OT8	695	0.0160	N/A	WX & WW
E&S AREA OT9	557	0.0128	N/A	WX & WW
E&S AREA OT10	220	0.0051	N/A	WX & WW
E&S AREA WT33	42	0.0010	N/A	NW10-C
E&S AREA WT34	101	0.0023	N/A	NW10-1A
E&S AREA WT35	368	0.0084	N/A	WX & WW
E&S AREA WT36	1131	0.0260	N/A	WX & WW
E&S AREA WT37	385	0.0088	N/A	WX & WW
E&S AREA WT38	1046	0.0240	N/A	WX & WW
TOTAL	4974	0.1142	N/A	

ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN



CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	1M-N056(27)	28	39

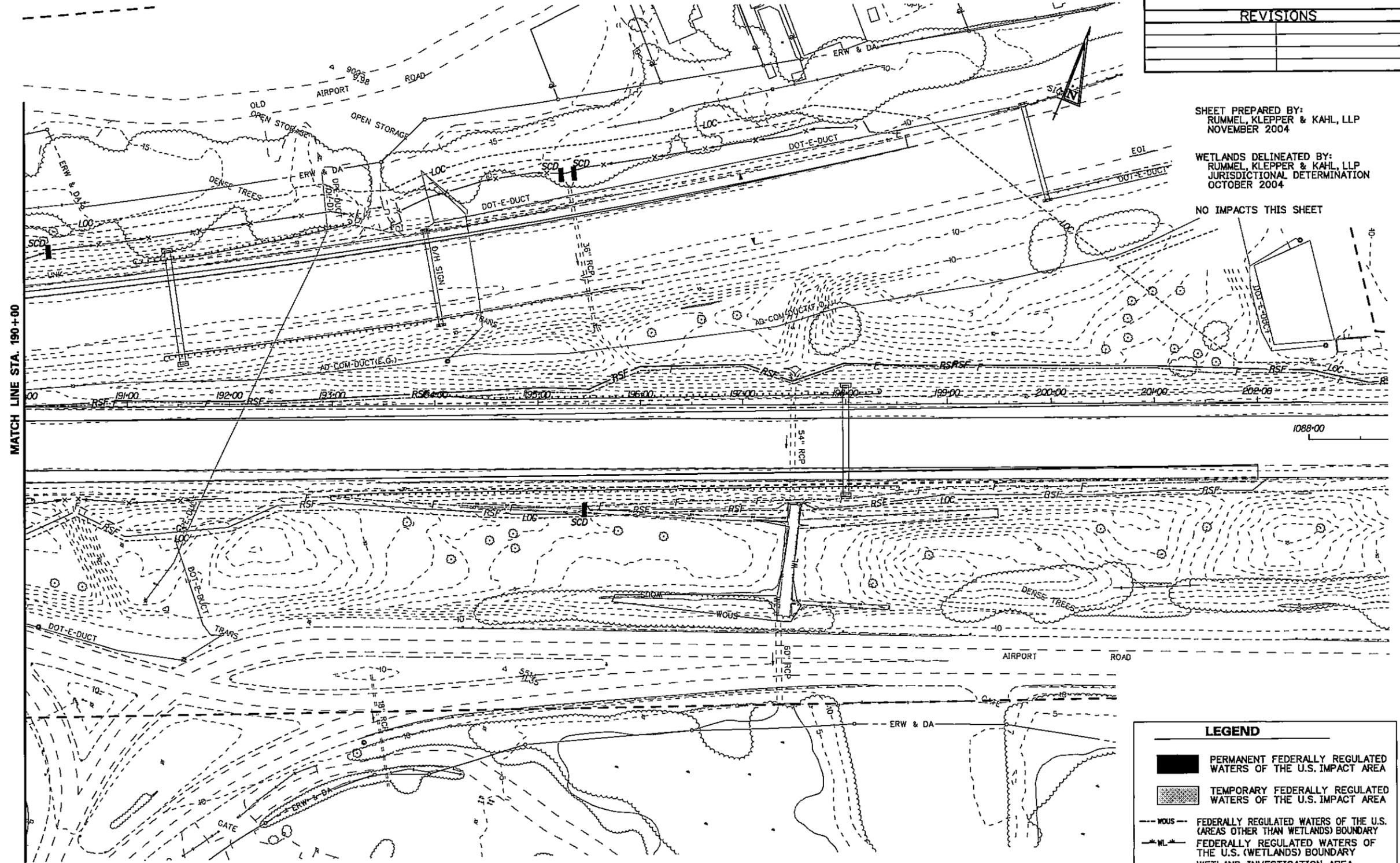
DELAWARE TURNPIKE IMPROVEMENTS SR 1 INTERCHANGE AND I 95 MAINLINE WIDENING

REVISIONS

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
NOVEMBER 2004

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
OCTOBER 2004

NO IMPACTS THIS SHEET



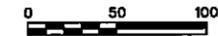
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PREL. TRACING
DESIGN
CHKD

LEGEND

	PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
	TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
	FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
	FEDERALLY REGULATED WATERS OF THE U.S. (WETLANDS) BOUNDARY
	WETLAND INVESTIGATION AREA
	IMPACT AREA TYPE IDENTIFIER (SEE BELOW)
	IMPACT AREA LOCATION NUMBER
T	TEMPORARY IMPACT
W	FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
O	FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)

ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN



CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	1M-N056(27)	29	39

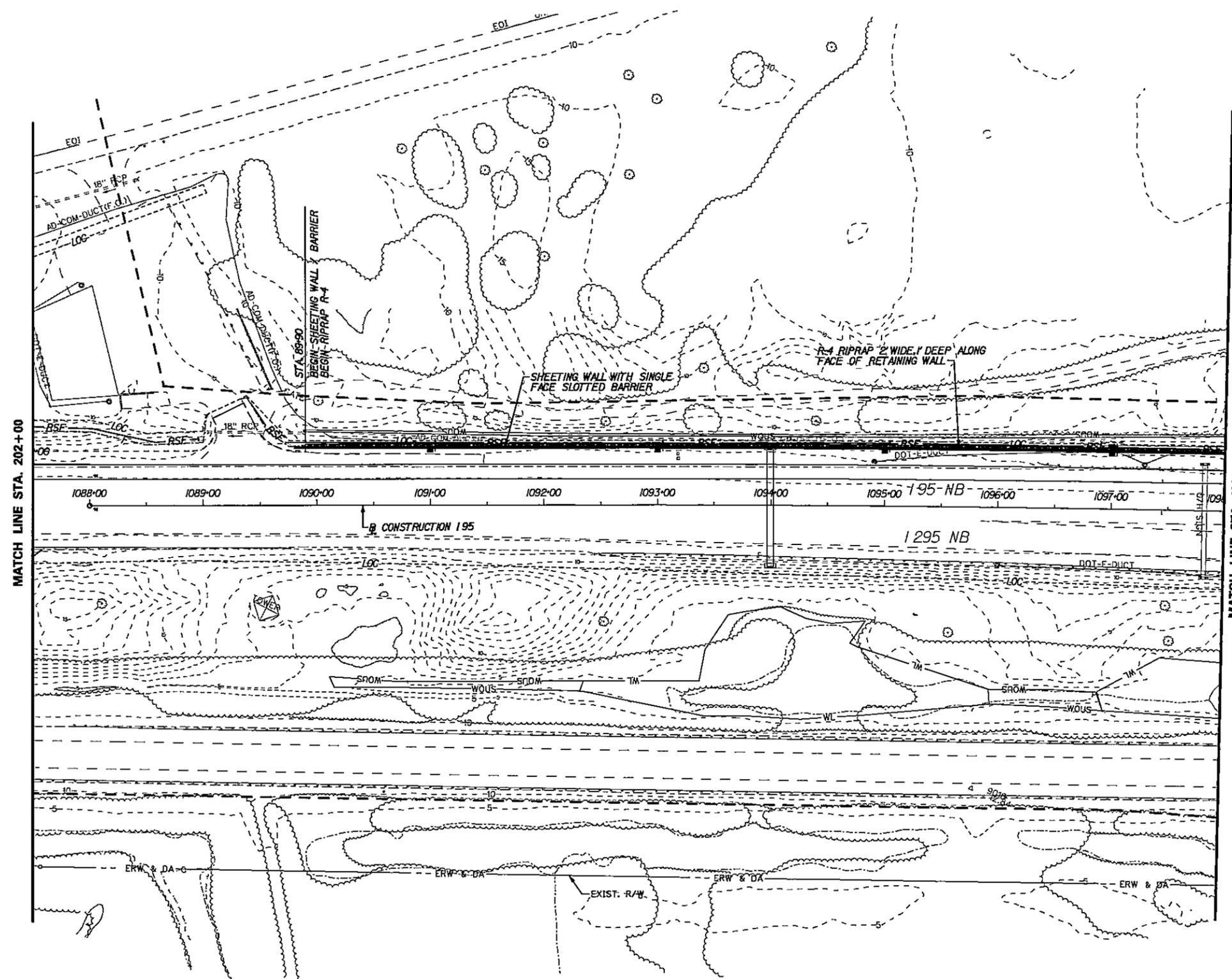
DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
195 MAINLINE WIDENING

REVISIONS

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
MAY 2006

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
MAINLINE: JANUARY 2005
EXTENSION: PENDING

NO IMPACTS THIS SHEET



MATCH LINE STA. 202+00

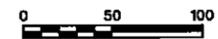
MATCH LINE STA. 1098+00

PREL. TRACING DESIGN CHKD

LEGEND	
	PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
	TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
	FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
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	IMPACT AREA LOCATION NUMBER
T	TEMPORARY IMPACT
W	FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
O	FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)

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ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN



CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
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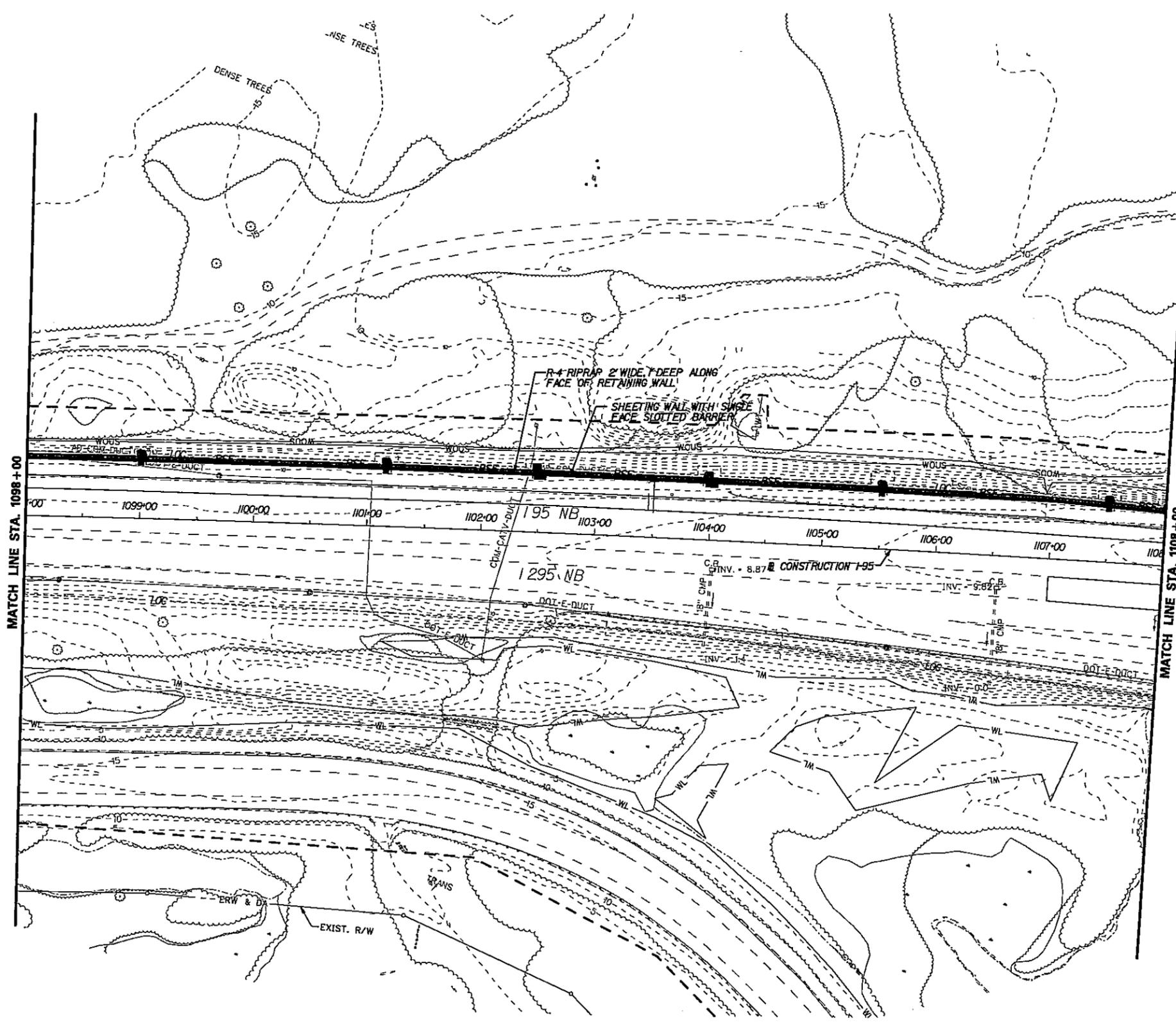
DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
I 95 MAINLINE WIDENING

REVISIONS

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
MAY 2006

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
MAINLINE: JANUARY 2005
EXTENSION: PENDING

NO IMPACTS THIS SHEET

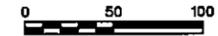


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PREL. TRACING DESIGN CHKD

LEGEND	
	PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
	TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
	FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
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T-	TEMPORARY IMPACT
W-	FEDERALLY REGULATED WATERS OF THE U.S. (WETLANDS)
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ACOE PERMIT IMPACTS &
ENVIRONMENTAL COMPLIANCE PLAN



CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	1M-N056(27)	31	39

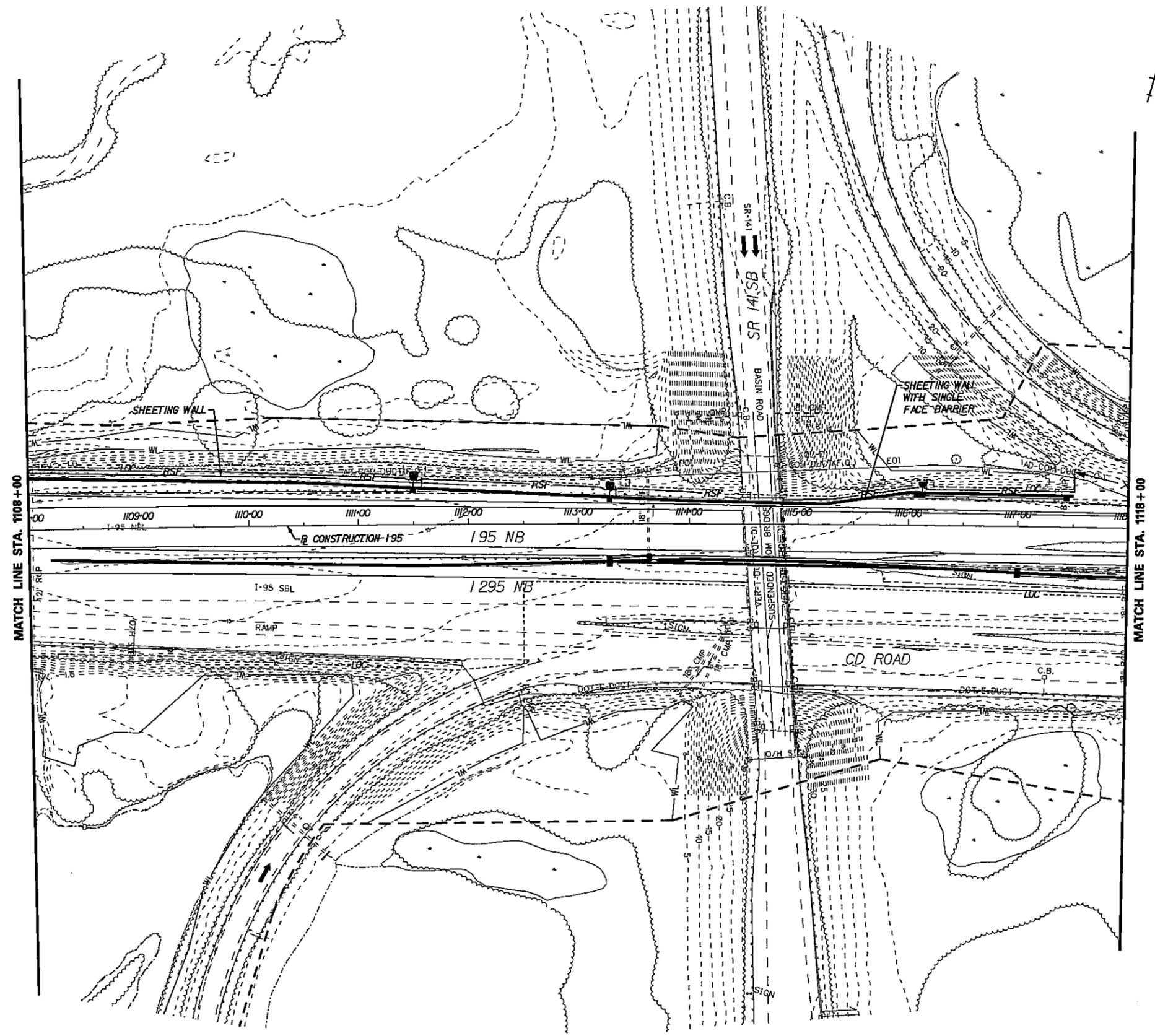
DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
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REVISIONS

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
MAY 2006

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
MAINLINE: JANUARY 2005
EXTENSION: PENDING

NO IMPACTS THIS SHEET



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PREL. TRACING
 DESIGN
 CHKD

LEGEND	
	PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
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	IMPACT AREA LOCATION NUMBER
	TEMPORARY IMPACT
	FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
	FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)

ACOE PERMIT IMPACTS &
ENVIRONMENTAL COMPLIANCE PLAN



CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	1M-N056(27)	32	39

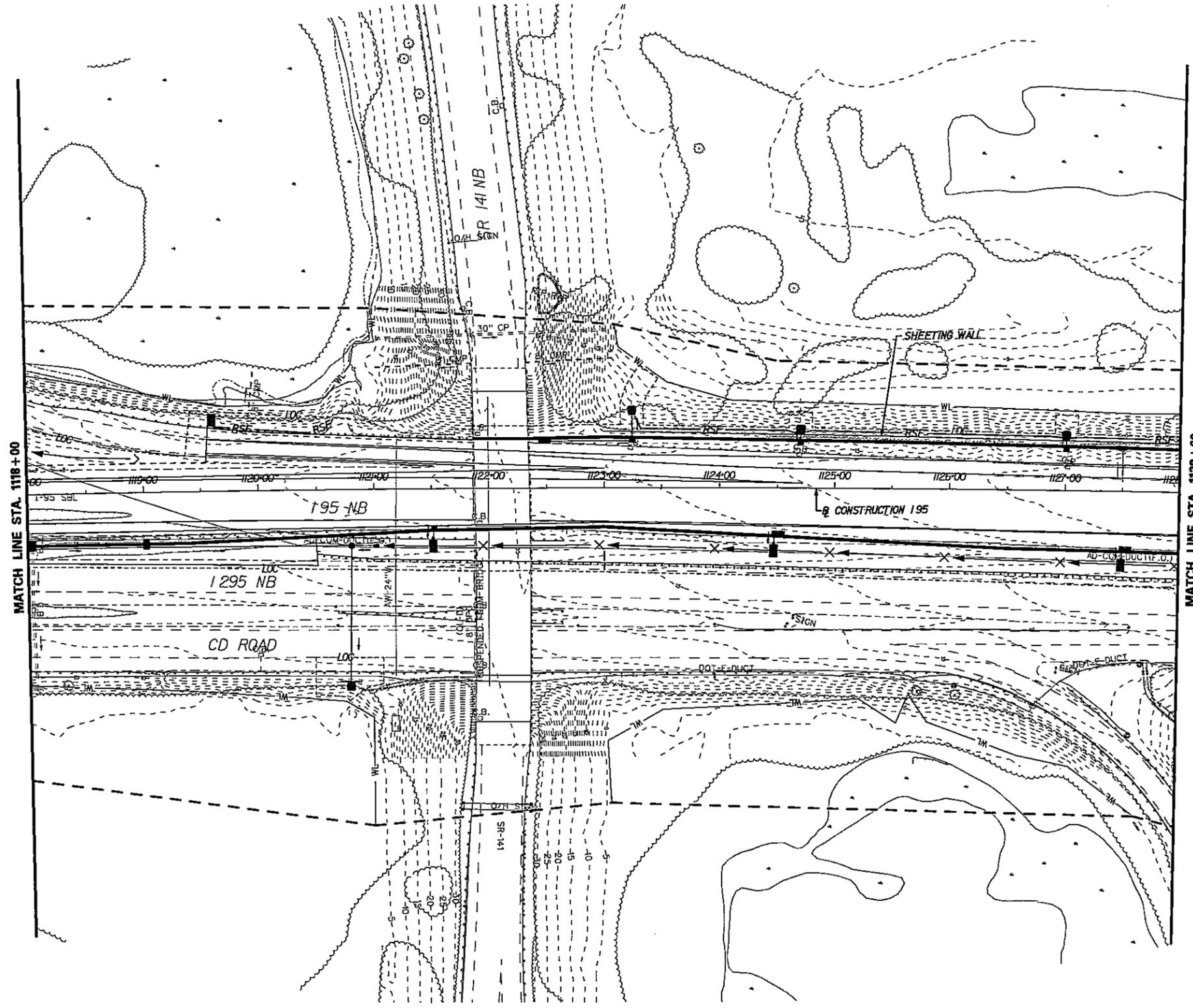
DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
195 MAINLINE WIDENING

REVISIONS

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
MAY 2006

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
MAINLINE: JANUARY 2005
EXTENSION: PENDING

NO IMPACTS THIS SHEET



MATCH LINE STA. 1118+00

MATCH LINE STA. 1128+00

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CHKD.

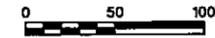
DESIGN

PREL. TRACING

LEGEND

- PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
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ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN



CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	IN-N056(27)	33	39

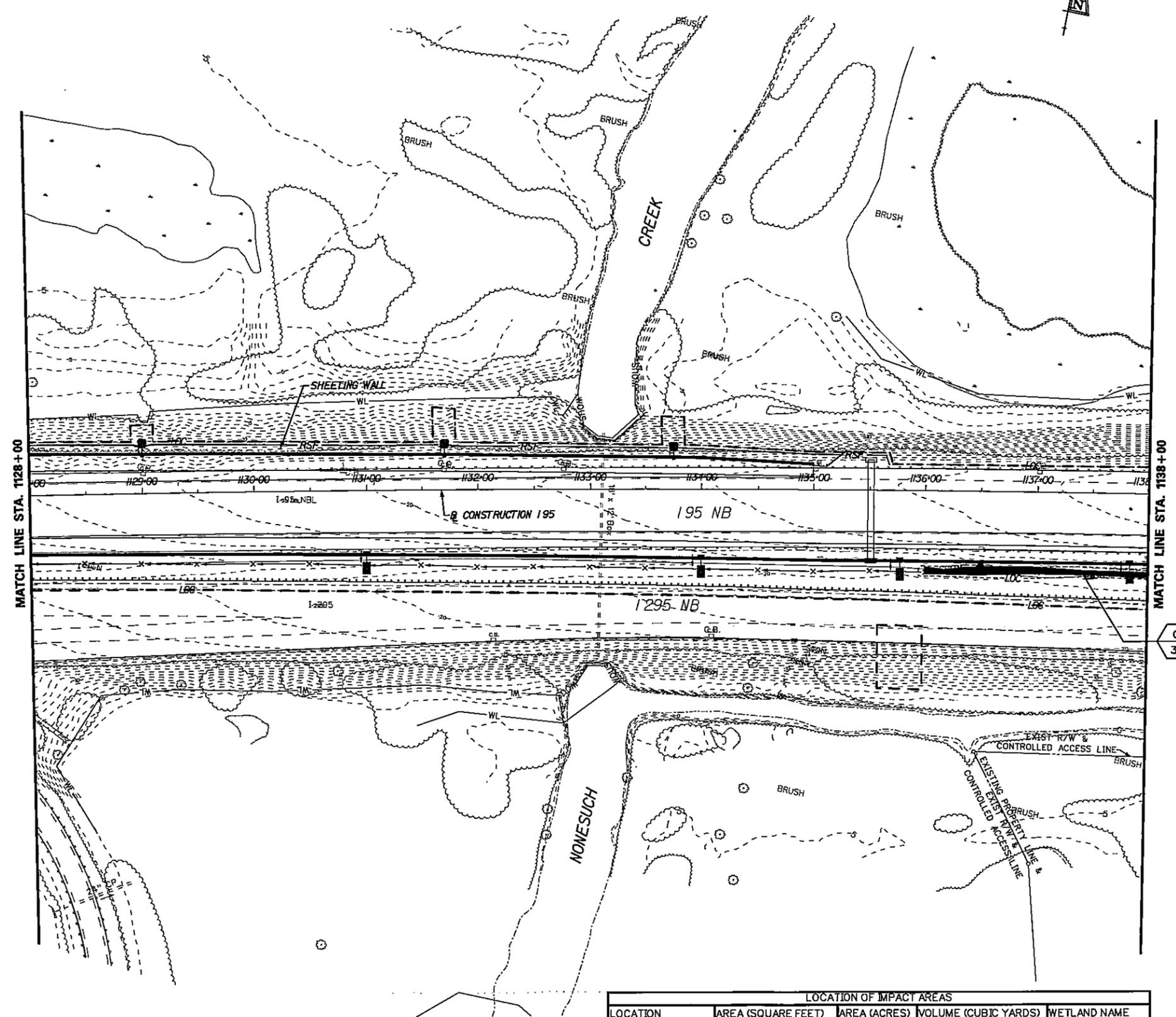
DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
195 MAINLINE WIDENING

REVISIONS

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
MAY 2006

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
MAINLINE: JANUARY 2005
EXTENSION: PENDING

NO IMPACTS THIS SHEET

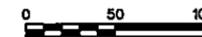


LOCATION OF IMPACT AREAS				
LOCATION	AREA (SQUARE FEET)	AREA (ACRES)	VOLUME (CUBIC YARDS)	WETLAND NAME
PERMANENT IMPACTS				
FILL AREA 030	1069	0.0425	60	WAP
TOTAL	1069	0.0425	60	

LEGEND	
	PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
	TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
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	IMPACT AREA TYPE IDENTIFIER (SEE BELOW)
	IMPACT AREA LOCATION NUMBER
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W	FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
O	FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)

PREL. TRACING DESIGN CHKD. 06/27/2006
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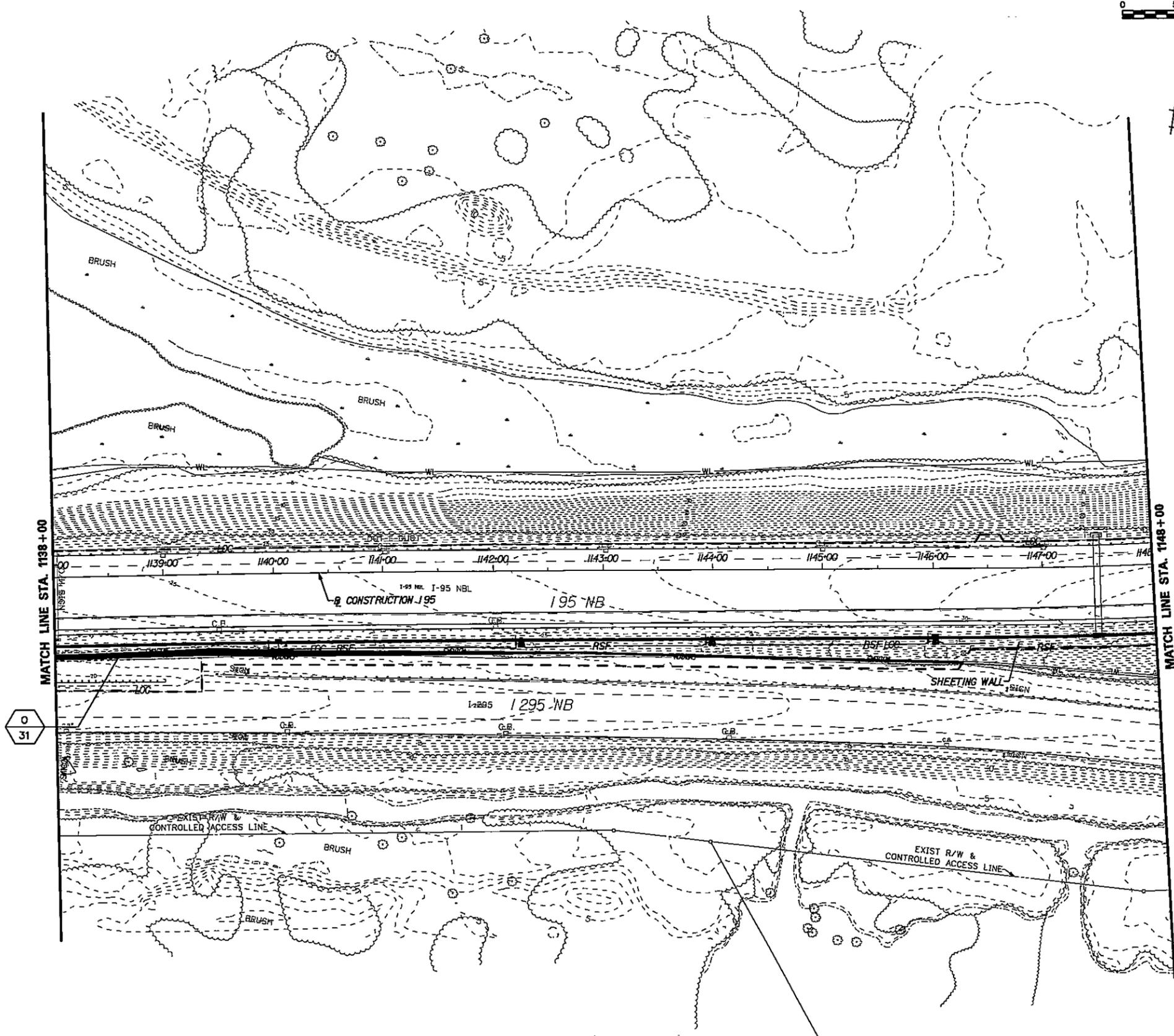
ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN



CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	1M-N056(27)	34	39
DELAWARE TURNPIKE IMPROVEMENTS SR 1 INTERCHANGE AND I 95 MAINLINE WIDENING				
REVISIONS				

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
MAY 2006

WETLANDS DELINEATED BY:
RUMMEL, KLEPPER & KAHL, LLP
JURISDICTIONAL DETERMINATION
MAINLINE: JANUARY 2005
EXTENSION: PENDING

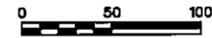


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LOCATION OF IMPACT AREAS				
LOCATION	AREA (SQUARE FEET)	AREA (ACRES)	VOLUME (CUBIC YARDS)	WETLAND NAME
PERMANENT IMPACTS				
F.I.L AREA 031	2629	0.0604	25	WAP
TOTAL	2629	0.0604	25	

LEGEND	
	PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
	TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
	FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
	FEDERALLY REGULATED WATERS OF THE U.S. (WETLANDS) BOUNDARY
	WETLAND INVESTIGATION AREA
	IMPACT AREA TYPE IDENTIFIER (SEE BELOW)
	IMPACT AREA LOCATION NUMBER
T	TEMPORARY IMPACT
W	FEDERALLY REGULATED WATER OF THE U.S. (WETLANDS)
O	FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS)

ACOE PERMIT IMPACTS &
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CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	1M-N056(27)	35	39

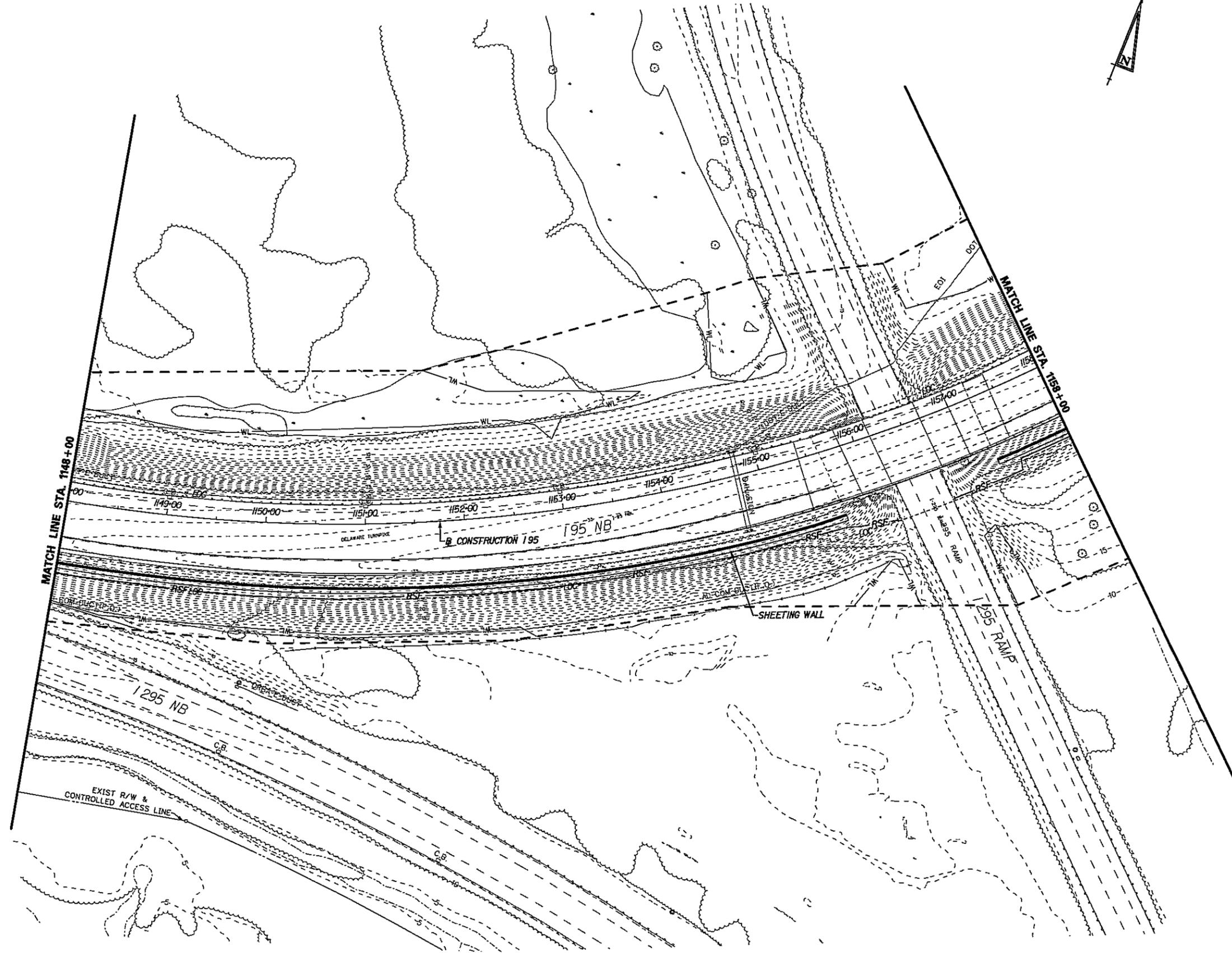
DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
195 MAINLINE WIDENING

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NO IMPACTS THIS SHEET



LEGEND

- PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
- WOU - FEDERALLY REGULATED WATERS OF THE U.S. (AREAS OTHER THAN WETLANDS) BOUNDARY
- WL - FEDERALLY REGULATED WATERS OF THE U.S. (WETLANDS) BOUNDARY
- WETLAND INVESTIGATION AREA
- XX - IMPACT AREA TYPE IDENTIFIER (SEE BELOW)
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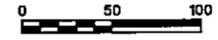
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 PREL. TRACING
 DESIGN
 CHKD

CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	1M-N056(27)	36	39

**DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
195 MAINLINE WIDENING**

REVISIONS

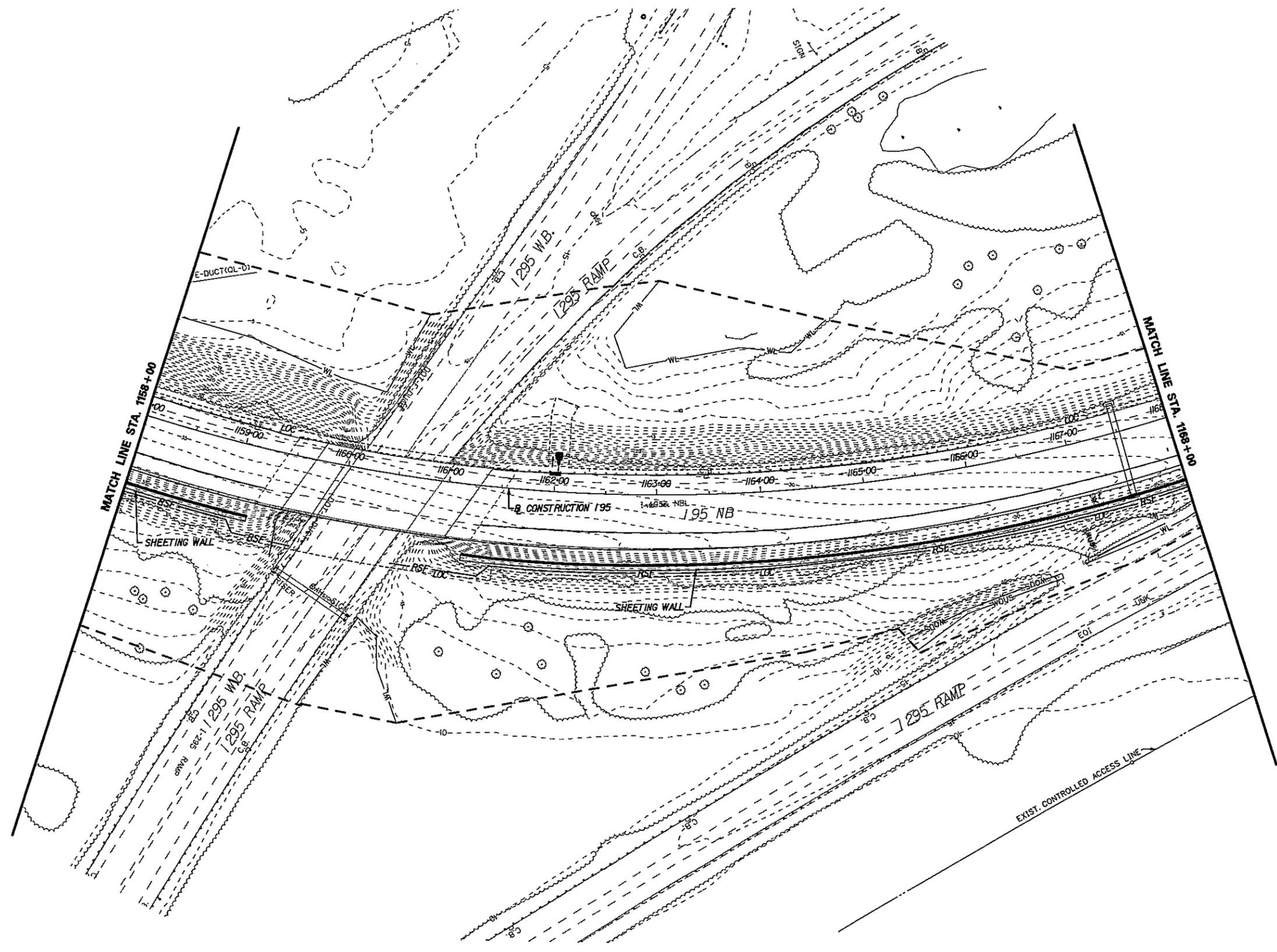
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RUMMEL, KLEPPER & KAHL, LLP
MAY 2006

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JURISDICTIONAL DETERMINATION
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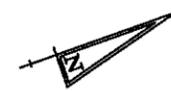
LEGEND

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ACOE PERMIT IMPACTS & ENVIRONMENTAL COMPLIANCE PLAN



CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
95-090-01	NEW CASTLE	1M-N056(27)	38	39

DELAWARE TURNPIKE IMPROVEMENTS
SR 1 INTERCHANGE AND
195 MAINLINE WIDENING

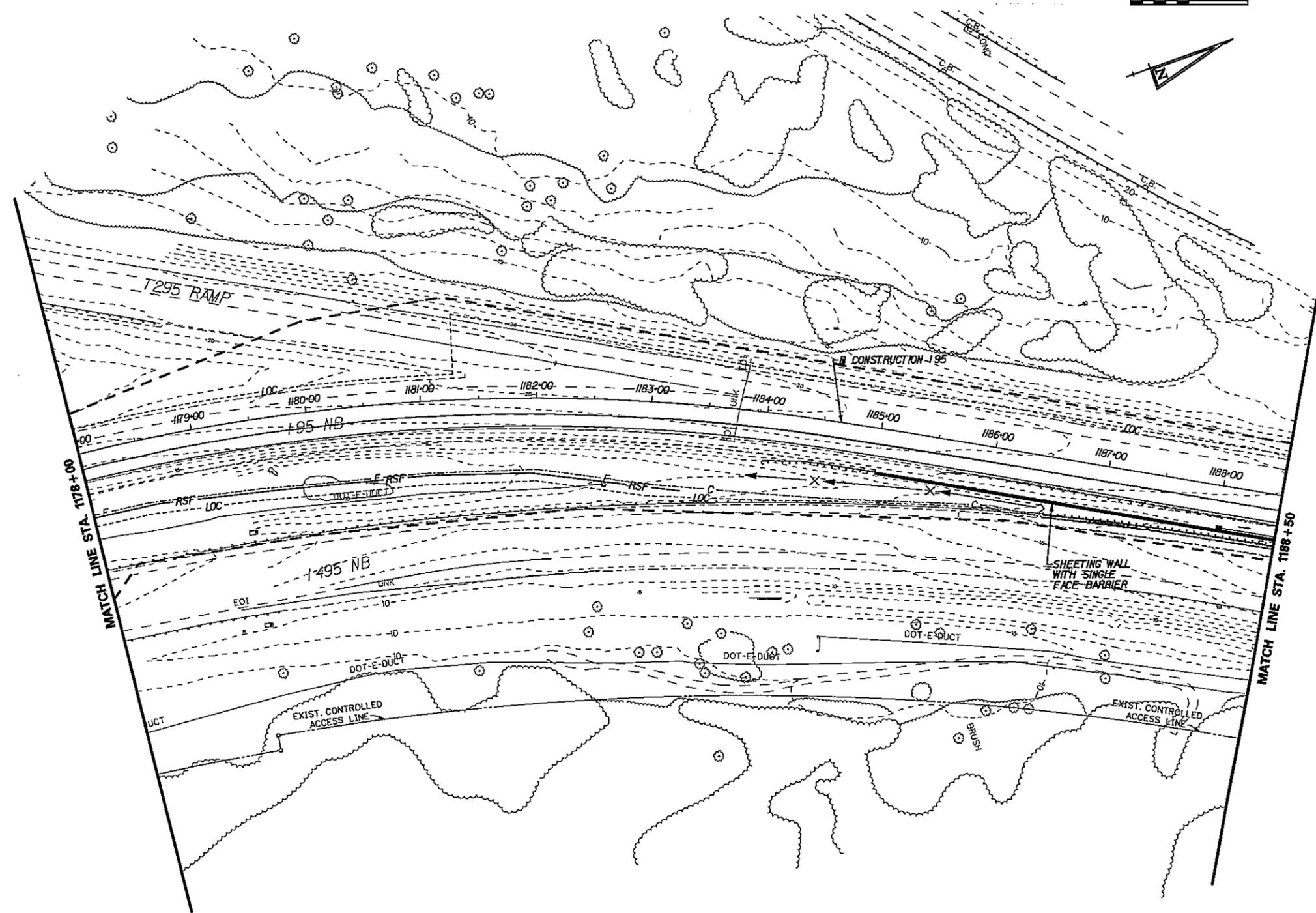
REVISIONS

NO.	DATE	DESCRIPTION

SHEET PREPARED BY:
RUMMEL, KLEPPER & KAHL, LLP
MAY 2005

WETLANDS DELINEATED BY:
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JURISDICTIONAL DETERMINATION
MAINLINE: JANUARY 2005
EXTENSION: PENDING

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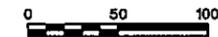
DESIGN

PREL. TRACING

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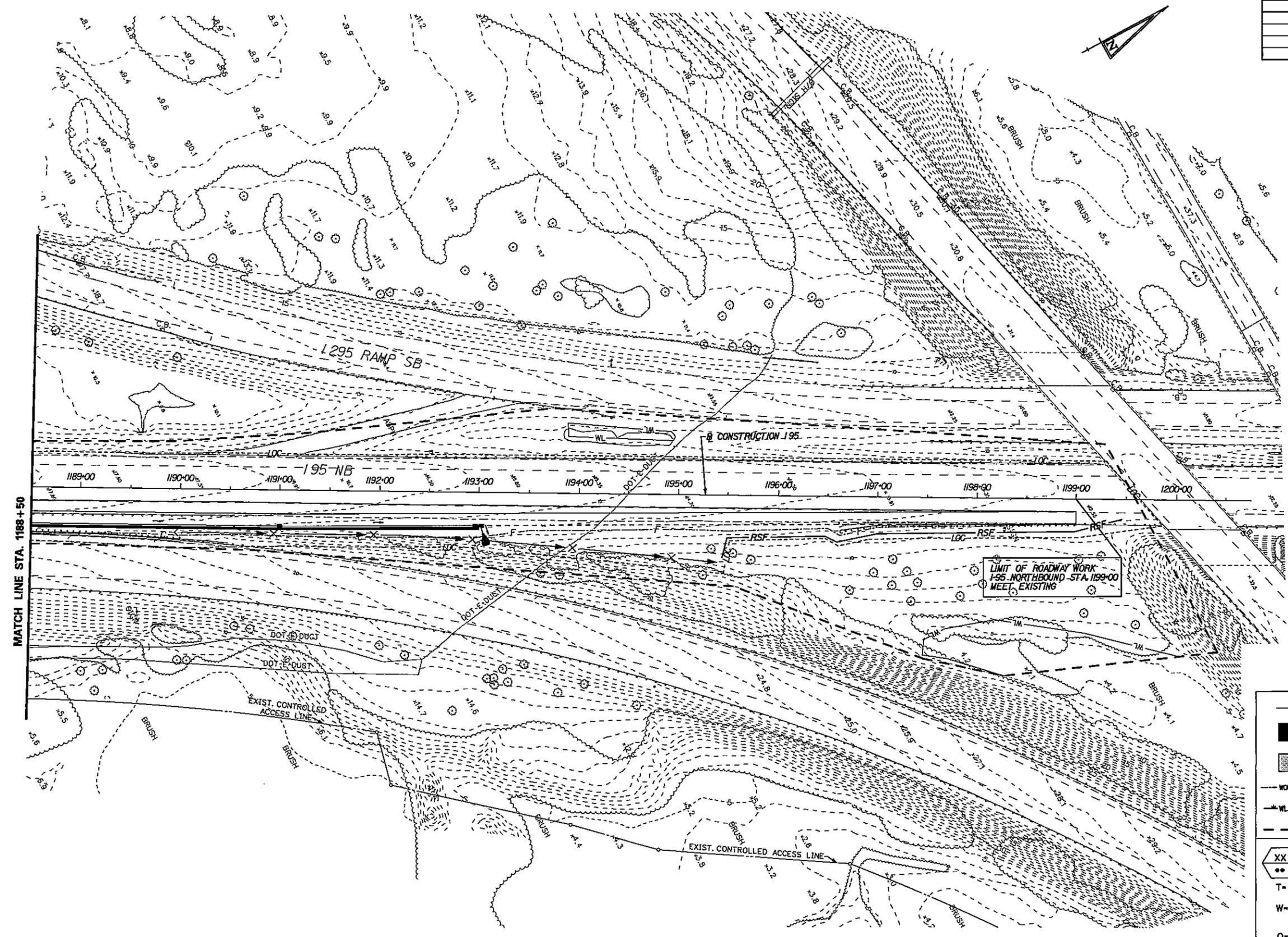


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EXTENSION: PENDING

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CHKD.
DESIGN
PREL. TRACING.

LEGEND	
	PERMANENT FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
	TEMPORARY FEDERALLY REGULATED WATERS OF THE U.S. IMPACT AREA
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