THE STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLANS FOR:
WETLAND MITIGATION AT
PETERSON WILDLIFE REFUGE,
PHASE II

CONTRACT NUMBER: T201703701
FEDERAL AID PROJECT NUMBER: ESTP-2017(17)

COUNTY: NEW CASTLE  M.R. #: N/A

LIMIT OF CONTRACT
STATION  306 + 82.80

LIMIT OF CONTRACT
STATION  202 + 22.42

BEGIN CONTRACT
STATION  100 + 00.00

END CONTRACT
STATION  110 + 51.30

LOCATION MAP

ASSOCIATED CONTRACTS

ADDENDA / REVISIONS

APPROVED FOR ADVERTISEMENT

RUSSELL W. PETERSON
DIRECTOR OF TRANSPORTATION SERVICES
SIGNATURE OF TRANSPORTATION COMMISSIONER
<table>
<thead>
<tr>
<th>SHEET NO.</th>
<th>SHEET DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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</table>

### CONTRACT COUNT

- **COUNTY:**
- **DESIGNED BY:**
- **CHECKED BY:**

### BRIDGE NO.

- **NEW CASTLE**

### PHASE II

- **PETERSON WILDLIFE REFUGE, WETLAND MITIGATION AT T201703701**

### ADDENDA / REVISIONS

- **N/A**

### NOT TO SCALE

- **INDEX OF SHEETS**
### Existing Symbols

<table>
<thead>
<tr>
<th>Feature Type</th>
<th>Symbol Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drainage</td>
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</tr>
<tr>
<td>Natural roadside</td>
<td></td>
</tr>
<tr>
<td>Manmade roadside</td>
<td></td>
</tr>
<tr>
<td>Right-of-way symbols</td>
<td></td>
</tr>
<tr>
<td>Survey control &amp;</td>
<td></td>
</tr>
<tr>
<td>Monumentation</td>
<td></td>
</tr>
</tbody>
</table>

### Proposed Symbols

<table>
<thead>
<tr>
<th>Symbol Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPOSED ENHANCEMENT BOUNDARY</td>
</tr>
<tr>
<td>PROPOSED RIGHT-OF-WAY MONUMENT</td>
</tr>
<tr>
<td>PROPOSED PERMANENT EASEMENT</td>
</tr>
<tr>
<td>PROPOSED RIGHT-OF-WAY</td>
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### Identifiers

<table>
<thead>
<tr>
<th>Identifier Type</th>
<th>Symbol Description</th>
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</thead>
<tbody>
<tr>
<td>Survey control &amp; monument</td>
<td></td>
</tr>
<tr>
<td>Construction</td>
<td></td>
</tr>
<tr>
<td>Right-of-way</td>
<td></td>
</tr>
<tr>
<td>Traffic</td>
<td></td>
</tr>
<tr>
<td>Miscellaneous</td>
<td></td>
</tr>
</tbody>
</table>
6. PROJECT NOTES

PROJECT FILES THAT WILL BE MADE AVAILABLE TO THE CONTRACTOR, INCLUDE:

Note: The document entitled “Release for Delivery of Documents in Electronic Form to the Contractor” shall be provided to the contractor. The documents shall include the digital terrain model (DTM) of the site, the existing digital terrain model, and the proposed site plan. These documents shall be submitted in electronic format in accordance with the specifications provided by the engineer.

SECTION 100

PROJECT NOTES

The contractor will be responsible for preparing the as-built plans of the final grade. These plans shall be submitted to the engineer for approval. Upon approval, the plans shall be submitted to the regulatory agency for permit issuance. The contractor is responsible for protecting the master benchmark during construction. At a minimum, the protection shall include orange protection fencing around the benchmark. Materials and methods for protection shall be determined by the engineer. The contractor shall provide a narrative detailing the proposed corrective actions for any deficiencies identified by the engineer. Upon completion, the as-built plans shall be submitted to the regulatory agency.

SECTION 200

PROJECT NOTES

WETLAND MITIGATION AT PETESON WILDLIFE REFUGE, NEW CASTLE COUNTY

The site is subject to tidal flooding with mean high water elevations of approximately three feet above mean sea level. The contractor shall be responsible for preparing a tidal zone plan and submitting it to the regulatory agency for approval. The tidal zone plan shall be prepared in accordance with the guidelines provided by the engineer. The contractor shall be responsible for removing the top 6 inches of root mat from all areas to be excavated. Excavation shall be backfilled to the original elevation. Payment for all materials (mats, etc.), equipment, labor, and incidental costs shall be incidental to the work described in the drawings.

MISCELLANEOUS

Submit a narrative detailing the methods and procedures for construction at the site to the engineer for approval. A calendar view should be provided to schedule any work at the mitigation site. The contractor shall prepare and submit a permit application for the proposed work. The permit application shall include the following information:

- Description of the work to be performed
- Method of construction
- Environmental impact assessment
- Mitigation plan
- Monitoring plan

The application shall be submitted to the regulatory agency for approval. Upon issuance, the contractor shall be responsible for preparing the as-built plans of the mitigation site. These plans shall be submitted to the regulatory agency for approval. The plans shall be submitted to the engineer for approval. Upon approval, the plans shall be submitted to the regulatory agency for permit issuance. The contractor shall be responsible for removing the top 6 inches of root mat from all areas to be excavated. Excavation shall be backfilled to the original elevation. Payment for all materials (mats, etc.), equipment, labor, and incidental costs shall be incidental to the work described in the drawings.

The new channels to be excavated under this contract shall not be considered a water of the U.S. until construction is complete. No debris or fill restrictions shall be applicable for the channel during construction.

This project includes wetland mitigation requirements for tidewater Natural Resource Protection (NRP) Islands. Wetland mitigation for this project shall be incidental to Item 202000. The contractor may encounter super silt fence within the disposal site. Portions of the existing super silt fence with final grade as determined by the engineer may be salvaged for future use. The contractor shall prepare and submit as-built plans of the final grade. The maximum distance for removal of top 6 inches of root mat shall be 10 feet from the super silt fence. The construction plans shall be submitted in DGN format and DTM format and shall include all survey data in TXT format. Elevation information shall be obtained and shown on the as-built plan to one hundredth of a foot. The drawings shall be at the same scale as the construction plan drawings. Contours shall be shown at 0.5 foot intervals. Additionally, contours shall be shown for elevations 1.2' and 1.8'. The contours shall be labeled frequently enough that it is possible to clearly ascertain the elevation of any particular contour line anywhere on the plan sheet. Spot elevations on the as-builts shall be labeled and shall be such that it is possible to clearly ascertain the elevation of any particular contour line anywhere on the plan sheet. Spot elevations shall extend to the limit of construction. Spot elevations shall be at least 6 inches above the final grade. The construction plans shall be submitted to the engineer for approval. Upon approval, the plans shall be submitted to the regulatory agency for permit issuance. The as-built plans shall be submitted to the regulatory agency.
### EXCAVATION - ITEM 202000 (CY) [NEED = "-" / EXCESS = "+"]

<table>
<thead>
<tr>
<th>Description</th>
<th>STA. 100+00.00</th>
<th>STA. 110+51.33</th>
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<tbody>
<tr>
<td>EX01: From Cross Sections / Models (+)</td>
<td>3780</td>
<td>3780</td>
</tr>
<tr>
<td>EX02: Bituminous Pavement Removed in Fill Sections (+)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>EX03: Topsoil Removed in Underfill Sections (+)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>EX04: Topsoil Placed in Cut Sections (+)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>EX05: Rock Mat Removed in Fill Sections (+)</td>
<td>7870</td>
<td>7870</td>
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<tr>
<td>EX06: Curb and/or Curb and Gutter Excavation (+)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>EX07: Underdrain Excavation (+)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>EX08: Rock Excavation (+)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>EX09: Removal of PCC Pavement, Curbs, Sidewalk, etc. (+)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Extotal: Total Excavation</td>
<td>29410</td>
<td>29410</td>
</tr>
</tbody>
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### STORMWATER MANAGEMENT POND EXCAVATION - ITEM 27000 (CY) [NEED = "-" / EXCESS = "+"]

<table>
<thead>
<tr>
<th>Description</th>
<th>STA. 100+00.00</th>
<th>STA. 110+51.33</th>
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</thead>
<tbody>
<tr>
<td>SWEX01: From Cross Sections / Models (+)</td>
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<td>0</td>
</tr>
<tr>
<td>SWEX02: Topsoil Removed in Underfill Sections (+)</td>
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<td>0</td>
</tr>
<tr>
<td>SWEX03: Topsoil Placed in Cut Sections (+)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>SWEX04: Rock Mat Removed (+)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>SWEX05: Rock Excavation (+)</td>
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<td>0</td>
</tr>
<tr>
<td>SExtotal: Total Stormwater Management Pond Excavation</td>
<td>0</td>
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</tr>
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</table>

### EXCAVATION AVAILABLE FOR EMBANKMENT (CY) [NEED = "-" / EXCESS = "+"]

<table>
<thead>
<tr>
<th>Description</th>
<th>STA. 100+00.00</th>
<th>STA. 110+51.33</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extotal: Total Excavation (+) [ITEM 202000]</td>
<td>29410</td>
<td>29410</td>
</tr>
<tr>
<td>SExtotal: Total Stormwater Management Pond Excavation (+) [ITEM 27000]</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>AEXV01: Excavation and Backfilling for Structures (+) [ITEM 202000]</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>AEXV02: Excavation for PPE Trenches (+) [Item 601000]</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>AEXV03: Channel Excavation (+) [Item 202000]</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>AEXV04: Post-Backfill Paving (+) [ITEM 601000]</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>AEXV05: Excavation from Underdrains (+) [ITEM 27000]</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>AEXV06: Miscellaneous Excavations (+)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>AEXV08: Topsoil Removed in Cut and/or Fill Sections (+)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>AEXV09: Topsoil Removed in Cut and/or Fill Sections for Stormwater Management Ponds (+)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>AEXV10: Unsuitable Materials (+)</td>
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<tr>
<td>Exvtotal: Total Excavation Available for Embankment</td>
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### EMBANKMENT AND BORROW, TYPE T REQUIRED (CY) [NEED = "-" / EXCESS = "+"]

<table>
<thead>
<tr>
<th>Description</th>
<th>STA. 100+00.00</th>
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</thead>
<tbody>
<tr>
<td>EMB01: From Cross Sections / Model (+) [EMBANKMENT REQUIRED BELOW SUBGRADE OR CAPPING]</td>
<td>0</td>
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</tr>
<tr>
<td>EMB02: Topsoil Removed in Underfill (+)</td>
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</tr>
<tr>
<td>LMB01: Rock Mat Removed from Underfill (+)</td>
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</tr>
<tr>
<td>LMB02: Unusable Material Removed in Fill (+)</td>
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<td>0</td>
</tr>
<tr>
<td>LMB03: PCC Removed in Underfill (+)</td>
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<td>0</td>
</tr>
<tr>
<td>LMB04: Bituminous Pavement Removed in Fill (+)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>LMB05: Topsoil to be Placed in Fill (+)</td>
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<td>0</td>
</tr>
<tr>
<td>LMB06: Subtotal of Embankment and Borrow, Type T Required</td>
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<td>0</td>
</tr>
<tr>
<td>LMB07: Compaction Factor Applied to the Subtotal (%)</td>
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<td>1.2</td>
</tr>
<tr>
<td>LMB08: Total Embankment and Borrow, Type T Required</td>
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### TOPSOIL SUMMARY (CY) [NEED = "-" / EXCESS = "+"]

<table>
<thead>
<tr>
<th>Description</th>
<th>STA. 100+00.00</th>
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</thead>
<tbody>
<tr>
<td>TOP01: Topsoil Salvaged from Cut Sections (+)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>TOP02: Topsoil Salvaged from Fill Sections (+)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>TOP03: Topsoil Required (+)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Toptotal: Total Topsoil</td>
<td>0</td>
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### MATERIAL BALANCE (CY) [NEED = "-" / EXCESS = "+"]

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<th>Description</th>
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<tbody>
<tr>
<td>Borrow, Type 'A'</td>
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</tr>
<tr>
<td>Borrow, Type 'B'</td>
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<td>0</td>
</tr>
<tr>
<td>Borrow, Type 'C'</td>
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<td>0</td>
</tr>
<tr>
<td>Borrow, Type 'F'</td>
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<td>0</td>
</tr>
<tr>
<td>Topsoil</td>
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<td>0</td>
</tr>
<tr>
<td>Unsuitable Material</td>
<td>29410</td>
<td>29410</td>
</tr>
</tbody>
</table>
MATCH LINE - SEE SHEET CP-02

CONTRACTOR SHALL EXCAVATE TEST PITS TO DETERMINE IF A CONFLICT EXISTS WITH ANY FIBER OPTIC LINE. ANY CONFLICTS SHALL BE CoORDINATED BY THE CONTRACTOR WITH THE ENGINEER. CONTRACTOR SHALL DETERMINE THE SOLUTION TO THE UTILITY CONFLICT. TEST HOLES SHALL BE PAID UNDER ITEM NO. 25.

S W A M P  G R A S S

R E S T R I C T E D  A R E A

C O N T R A C T O R  S H A D O W S

E X I S T I N G  S D I S P O S E D  Y O C K  G R A D E S

S M O O T H L Y  E X T E N D  E X I S T I N G  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.

S M O O T H L Y  T A P E R  C H A N N E L.
**Standard Detail & Specifications**

**Super Silt Fence**

**Construction Notes:**

1. The poles do not need to be set in concrete.
2. Chain link fencing shall be fastened securely to the fence posts with wire ties or staples.
3. Geosynthetic fabric shall be fastened securely to the chain link fence with ties spaced every 24” at the top and mid section.
4. Geosynthetic fabric shall be embedded a minimum of 8” into the ground.
5. When two sections of geosynthetic fabric adjoin each other, they shall be overlapped by 6” and tied.
6. Maintenance shall be performed as needed and silt buildup removed when “bulges” develop in the silt fence.

**Materials:**

1. Fencing: Fencing shall be 42 inches in height and constructed in accordance with the latest Delaware Department of Transportation DelDOT specifications for Chain Link Fencing Section 7239. The DelDOT specification for a 6 foot fence shall be used, substituting 42 inch fabric and 3 foot length posts.
2. Geosynthetic Fabric: Type CD-1

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Source:
Adapted from MD Mls. & Spec. for ESC  
Symbol: SSF  
Detail No.: DE-ESC-3.12.3  
Date: 12/03
ENVIRONMENTAL COMPLIANCE NOTES

I. GENERAL NOTES

A. The number of these sheets and their identity, which is to

identify those pages not associated with environmental compliance, impact

calculations, reports, and any additional information that are

not to be used for bidding purposes.

B. If a departure from the approved plans among affects any

natural and cultural resources is necessary, the environmental studies

section shall be consulted for coordination

with the appropriate resource agencies and approval.

C. The use of these sheets does not constitute the contract's

responsibility to comply with all permits set forth in the environmental

statement and permits.

D. The necessary information and temporary impacts to agricultural and

fiscal on the environmental compliance sheets are the only authorized impacts.

II. PROTECTION OF REQUIRED

A. PERMIT REQUIREMENTS / APPROVALS

USACE individual permit conditions are included in this plan.

B. IMPACT LOCATION

C. PROTECTION OF REQUIRED

I. KEEP CLEARING IN WETLAND AREAS TO THE MINIMUM ABSOLUTELY NECESSARY FOR CONSTRUCTION ACCESS.

II. ALL EQUIPMENT TRAVELING WETLANDS AND SUBMERGED LANDS SHOULD BE AT LOK LOW HEADWAY/LOW PRESSURE EQUIPMENT (LOW LOW) TO MAKE PAYMENT FOR TRAVELING WETLANDS WITH LOW HEADWAY/LOW PRESSURE EQUIPMENT. WETLANDS WILL BE RECIPIENT AND TECHNICAL REPORT TO THE USACE.

III. SEE PROJECT NOTES FOR ADDITIONAL DETAILS.

IV. RESTORE TEMPORARILY DISTURBED WETLANDS.

V. MENTION OF WETLANDS DELINEATED BY ERI ON 12-23-2014 IN ACCORDANCE WITH THE US ARMY CORPS OF ENGINEERS.

VI. ORIGINAL SHEET PREPARED BY RKK ON 08-29-2017. SHEET LAST UPDATED ON 08-07-2019.

VII. 2-WC-02, 2-WE-03

CONSTRUCTION ACCESS/E&S

VIII. 1.5295

TOTAL WETLAND IMPACT AREAS

IX. 1.1345

TOTAL WETLAND CREATION AREAS

X. 9.3046

TOTAL WETLAND ENHANCEMENT AREAS

XI. 0

WETLAND MITIGATION PROVIDE

PROVIDED

XII. 347,187.63

N/A

TOTAL

TOTAL WETLAND IMPACT AREAS

TOTAL WETLAND CREATION AREAS

TOTAL WETLAND ENHANCEMENT AREAS

C. USE OF THESE SHEETS DOES NOT ALLEVIATE THE CONTRACTOR'S

RESPONSIBILITY TO COMPLY WITH ALL PERMITS/PROVISIONS.

D. THE ENVIRONMENTAL MONITOR WILL BE NOTIFIED OF ANY UNANTICIPATED DISCOVERIES OF ARCHAEOLOGICAL OR HUMAN REMAINS OCCURS DURING CONSTRUCTION.

E. THE CONTRACTOR SHALL INFORM THE ENVIRONMENTAL MONITOR IF ANY UNANTICIPATED DISCOVERIES OF ARCHAEOLOGICAL OR HUMAN REMAINS OCCURS DURING CONSTRUCTION.

F. USE OF THESE SHEETS DOES NOT ALLEVIATE THE CONTRACTOR'S

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R. USE OF THESE SHEETS DOES NOT ALLEVIATE THE CONTRACTOR'S

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S. THE CONTRACTOR WILL BE INFORMED OF ANY UNANTICIPATED DISCOVERIES OF ARCHAEOLOGICAL OR HUMAN REMAINS OCCURS DURING CONSTRUCTION.

T. THE CONTRACTOR SHALL INFORM THE ENVIRONMENTAL MONITOR INFORMED OF ANY UNANTICIPATED DISCOVERIES OF ARCHAEOLOGICAL OR HUMAN REMAINS OCCURS DURING CONSTRUCTION.

U. USE OF THESE SHEETS DOES NOT ALLEVIATE THE CONTRACTOR'S

RESPONSIBILITY TO COMPLY WITH ALL PERMITS/PROVISIONS.

V. THE CONTRACTOR WILL BE INFORMED OF ANY UNANTICIPATED DISCOVERIES OF ARCHAEOLOGICAL OR HUMAN REMAINS OCCURS DURING CONSTRUCTION.

W. THE CONTRACTOR SHALL INFORM THE ENVIRONMENTAL MONITOR INFORMED OF ANY UNANTICIPATED DISCOVERIES OF ARCHAEOLOGICAL OR HUMAN REMAINS OCCURS DURING CONSTRUCTION.

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Z. THE CONTRACTOR SHALL INFORM THE ENVIRONMENTAL MONITOR INFORMED OF ANY UNANTICIPATED DISCOVERIES OF ARCHAEOLOGICAL OR HUMAN REMAINS OCCURS DURING CONSTRUCTION.

AA. USE OF THESE SHEETS DOES NOT ALLEVIATE THE CONTRACTOR'S

RESPONSIBILITY TO COMPLY WITH ALL PERMITS/PROVISIONS.

BB. THE CONTRACTOR WILL BE INFORMED OF ANY UNANTICIPATED DISCOVERIES OF ARCHAEOLOGICAL OR HUMAN REMAINS OCCURS DURING CONSTRUCTION.

CC. THE CONTRACTOR SHALL INFORM THE ENVIRONMENTAL MONITOR INFORMED OF ANY UNANTICIPATED DISCOVERIES OF ARCHAEOLOGICAL OR HUMAN REMAINS OCCURS DURING CONSTRUCTION.

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EROSION AND SEDIMENT CONTROL NOTES

1. THE SEDIMENT AND STORMWATER MANAGEMENT PLAN HAS BEEN APPROVED BY DELDOT'S STORMWATER ENGINEER UNDER DELDOT'S DELEGATED AUTHORITY. THE SEDIMENT AND STORMWATER MANAGEMENT PLANS ARE N/A FOR A FIVE YEAR PERIOD FOLLOWING THE DATE OF PROJECT COMPLETION.

2. THE DISTURBED AREA FOR THIS PROJECT IS 17.48 ACRES.

3. MAINTENANCE OF TRAFFIC NOTES

UNOFFICIAL	WEBSITE COPY
PHASE I SEQUENCE OF CONSTRUCTION

1. Install temporary warning signs as shown on the plans.
2. Install stabilized construction entrance as shown on the plans.
3. Install perimeter flagging posts per plan notes.
4. Install phase 1 turidity curtain, floating, phase 1 soil fence, and phase 1 super soil fence as shown on the plans.
5. Excavate to the proposed grades.
6. Stake out with sets in accordance with project notes 15 through 18.
7. Submit final grade as-is for approval in accordance with project note 6.
8. Upon approval of AS-405D, remove turidity curtain, soil fence, and perimeter flagging posts. Super soil fence shall remain in place.

MATCH LINE - SEE SHEET CS-31

PLACE SILT FENCE TO EXCLUDE PLANNED TREATMENT AREA

EREOSION & SEDIMENT CONTROL

CONSTRUCTION PHASING LEGEND

- TURBIDITY CURTAIN
- SALT FENCE
- SUPER SALT FENCE
- STABILIZED CONSTRUCTION ENTRANCE

WETLAND MITIGATION AT PETERSON WILDLIFE REFUGE, PHASE I

CONSTRUCTION PHASING, M.O.T. AND EROSION CONTROL PLAN - PHASE I

SCALE

ACCESSION REV.

UNOFFICIAL WEBSITE COPY
PHASE 2 SEQUENCE OF CONSTRUCTION

1. Place Phase 2 Super Silt Fence as shown. Super Silt Fence shall be left in place at the conclusion of the contract.
2. Remove Stabilized Construction Entrance.
3. Remove Temporary Warning Signs.

MCT 08-0814

WETLAND MITIGATION AT PETERSON WILDLIFE REFUGE, PHASE II

CONSTRUCTION PHASING LEGEND

- Work Area This Phase

EROSION & SEDIMENT CONTROL

- Turbidity Curtain / Length
- Turbidity Curtain
- Silt Fence / Length
- Silt Fence
- Super Silt Fence / Length
- Super Silt Fence
- Silt Fence
- Stabilized Construction Entrance

EXHIBIT

MATCH LINE - SEE SHEET CS-13

SCALE 1/2"=1'-0"

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 2
NOTE:

SWAMP GRASS

EX. 20’ UTILITY EASEMENT
NORFOLK SOUTHERN RAILWAY COMPANY

SWAMP GRASS

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14144
DE POT
1707
TASK 25
- COMMONS MITIGATION DESIGN
CONTRACT PLANS
RW-01CMD.dgn

PROJECT. PLEASE CONSULT THE CONSTRUCTION PLANS FOR THIS PROJECT

SCALE
FEET

1 105+00

1 106+00

1 107+00

1 108+00

GROUNDED

COUNTY PARKING
CATWALK CHECKED BY:
J. REEL
J. C. FLANIGAN
MANAGER, ROW ENGINEERING
PROGRAM MANAGER, TEAM SUPPORT
TECHNICAL REVIEWER, TEAM SUPPORT

RECOMMENDED AS TO ENGINEERING NEED

WETLAND MITIGATION AT PETERSON WILDLIFE REFUGE, PHASE II

RIGHT-OF-WAY PLAN

ADDENDA / REVISIONS

MATCH LINE - SEE SHEET RW-02

NEW CASTLE