



STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
PO BOX 778
DOVER, DELAWARE 19903

JACK MARKELL
GOVERNOR

JENNIFER COHAN
SECRETARY

VIA WEBSITE POSTING

(302) 760-2030
FAX (302) 739-2254

February 18, 2016

Contract No. T201330009.01
Federal Aid Project No. ESTP-N061(01)
Industrial Track Greenway Phase III
New Castle County

Ladies and Gentlemen:

Enclosed is Addendum No. 1 for the referenced contract consisting of the following:

1. The Bid Proposal Cover, revised, to be substituted for the same page in the Proposal.
2. Three (3) pages, Plan Sheet Numbers 39,57, 163 revised, to be substituted for the same page in the Proposal.

Please note the revision listed above and submit your bid based upon this information.

Sincerely,

signature on file

James H. Hoagland
Contract Services Administrator

:jhh
Enclosure

STATE OF DELAWARE



DEPARTMENT OF TRANSPORTATION

BID PROPOSAL

for

CONTRACT T201330009.01

FEDERAL AID PROJECT NO. ESTP-N061(01)

INDUSTRIAL TRACK GREENWAY PHASE III

NEW CASTLE COUNTY

ADVERTISEMENT DATE: February 8, 2016

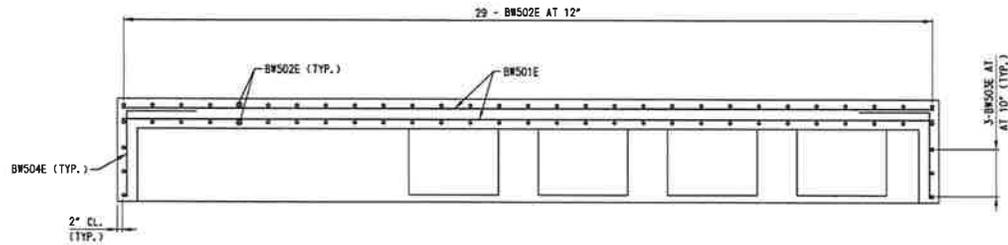
**PROSPECTIVE BIDDERS ARE ADVISED THAT THERE WILL BE A PRE-BID MEETING
WEDNESDAY, FEBRUARY 24, 2016 AT 2:00 P.M. IN THE DelDOT ADMINISTRATION BUILDING,
800 BAY ROAD, DOVER, DELAWARE, 19903.**

COMPLETION TIME: 488 Calendar Days

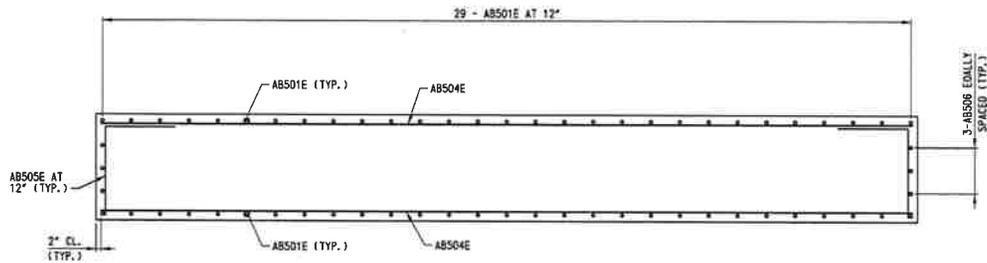
SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
DELAWARE DEPARTMENT OF TRANSPORTATION
AUGUST 2001

Bids will be received in the Bidder's Room at the Delaware Department of Transportation's Administration Building, 800 Bay Road, Dover, Delaware until 2:00 P.M. local time March 15, 2016

NOTES:
1. FOR ADDITIONAL REINFORCEMENT DETAILS, SEE DWG. NOS. AB-106 AND AB-107.



SECTION C-C
SCALE: 1/2" = 1'-0"

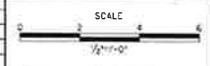


SECTION D-D
SCALE: 1/2" = 1'-0"

DWG. NO. AB-108 (REVISED) DATE: 02/18/16



ADDENDUMS / REVISIONS	
Δ	DELETED LINE WORK D.D./JAL 02/18/16



NEW CASTLE INDUSTRIAL TRACK TRAIL, PHASE 3

CONTRACT	BROD. NO.	X
T201330009	DESIGNED BY:	NAH
COUNTY	CHECKED BY:	WAG
NEW CASTLE		

ABUTMENT A REINFORCEMENT DETAILS - 3

AB-108
SHEET NO.
57
TOTAL SHEETS
207

ENVIRONMENTAL COMPLIANCE NOTES

1. GENERAL NOTES:

- A. THE PURPOSE OF THESE SHEETS IS TO IDENTIFY THOSE ITEMS ASSOCIATED WITH ENVIRONMENTAL COMPLIANCE. IMPACT CALCULATIONS ARE FOR THE AGENCY PERMIT REPORTING PURPOSES ONLY AND ARE NOT TO BE USED FOR BIDDING PURPOSES.
- B. IF A DEPARTURE FROM THE APPROVED PLANS (WHICH WOULD AFFECT ANY NATURAL AND/OR CULTURAL RESOURCES) IS NECESSARY, THE ENVIRONMENTAL STUDIES SECTION SHALL BE CONTACTED AT (302) 760-2264 TO ALLOW FOR COORDINATION WITH THE APPROPRIATE RESOURCE AGENCIES AND APPROVAL.
- C. USE OF THESE SHEETS 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:
 - U.S. ARMY CORPS OF ENGINEERS (USACE) NWP 23 **
 - DNREC - WETLANDS & SUBAQUEOUS LANDS (W.S.L.) WETLANDS AND SUBAQUEOUS LANDS PERMITS **
 - DNREC - MDC & CZM ISSUED (PROJECT NOT LOCATED IN THE CRW)
 - NEW CASTLE COUNTY DEPT. OF LAND USE - FLOODPLAIN APPROVAL **
 - U.S. COAST GUARD - BRIDGE PERMIT FOR CHRISTINA RIVER AND ADVANCE APPROVAL FOR LITTLE MILL CREEK **
- ** THE PERMITS/APPROVALS LISTED ARE THOSE REQUIRED FOR THIS PROJECT. THE ENVIRONMENTAL STUDIES SECTION IS RESPONSIBLE FOR COORDINATING AND/OR OBTAINING THIS APPROVAL.
- ** THE CONTRACTOR MUST ENSURE THAT THESE PERMITS/APPROVALS ARE IN THEIR POSSESSION PRIOR TO BEGINNING CONSTRUCTION IN THE PERMITTED AREA(S) AND ENSURE THEY ARE DISPLAYED ON-SITE DURING THE ENTIRE CONSTRUCTION PERIOD.

B. CONSTRUCTION RESTRICTIONS:

- FISHERIES - NO IN-WATER WORK CHRISTINA RIVER AND LITTLE MILL CREEK MARCH 15 TO JUNE 30 (INCLUSIVE)
- ENDANGERED SPECIES - STATE RARE OSPREY; NESTING PLATFORM NEAR PROJECT SITE (SHOWN ON EC-08 AT STATION 144+75) WAS REMOVED AND STORED AT THE DUPONT ENVIRONMENTAL EDUCATION CENTER. AFTER CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL REINSTALL THE PLATFORM IN ITS PREVIOUS LOCATION.
- MIGRATORY BIRDS - NONE
- BALD EAGLE - IF NEST IS ACTIVE, AN EAGLE SPOTTER IS REQUIRED DECEMBER 15 TO JULY 1. CONTACT CAROL SULLIVAN AT CAROL.SULLIVAN@STATE.DE.US (302)760-2129 TO ARRANGE AN EAGLE SPOTTER. TREE REMOVAL WITHIN 330' BUFFER SHALL OCCUR JULY 2 TO DECEMBER 14, 2016.

3. CULTURAL RESOURCE ISSUES: STATE HISTORIC PRESERVATION OFFICE ISSUED FINDING OF NO HISTORIC PROPERTIES AFFECTED MAY 15, 2015

- A. DUE TO KNOWN ARCHAEOLOGICAL RESOURCES IN THE AREAS, STAGING AND STOCKPILING SHOULD BE LOCATED WITHIN THE LOC. ANY STAGING OR STOCKPILE LOCATIONS OUTSIDE OF THE LOC ARE TO BE IN NON-ARCHAEOLOGICALLY-SENSITIVE AREAS AND MUST BE REVIEWED AND APPROVED BY HEIDI E. KROFFT AT (302)760-2125 OR HEIDI.KROFFT@STATE.DE.US.

4. PROTECTION OF RESOURCES:

- A. CLEARING IN WETLAND AREAS SHALL BE KEPT TO A MINIMUM ABSOLUTELY NECESSARY FOR CONSTRUCTION ACCESS. ALL EQUIPMENT TRAVERSING WETLANDS AND SUBAQUEOUS LAND SHALL BE SUPPORTED ON MATS. PAYMENT FOR MATS SHALL BE MADE UNDER ITEM 901520 - TEMPORARY TIMBER MAT. IN WETLAND AREAS THAT ARE CLEARED, THERE SHALL BE NO GRUBBING EXCEPT WHERE NECESSARY TO CONSTRUCT PROJECT COMPONENTS (SUCH AS FOUNDATIONS AND RIPRAP PROTECTION). VEGETATION SHALL BE CUT FLUSH WITH THE GROUND (I.E. NO DISTURBANCE OF THE ROOT MAT). ACCESS TO RESOURCE AREAS WHICH IS NOT SPECIFICALLY AUTHORIZED BY THE ACOE AND DNREC PERMITS (AS ILLUSTRATED ON THE ENVIRONMENTAL COMPLIANCE SHEETS) IS STRICTLY PROHIBITED.
- B. SILT FENCE INSTALLATION ADJACENT TO WOODED UPLANDS/WETLANDS (EC-06 ONLY): SANDBAGS SHALL BE USED TO SECURE SILT FENCE IN LIEU OF TRENCHING PROVIDED PROPER EROSION & SEDIMENT CONTROL CAN BE MAINTAINED. SANDBAGS USED TO SECURE SILT FENCE SHALL BE INCIDENTAL TO ITEM 905001 - SILT FENCE. THE ENVIRONMENTAL STUDIES SECTION (CAROL SULLIVAN, 302-760-2129) CAN PROVIDE FURTHER GUIDANCE REGARDING THIS METHOD OF INSTALLATION.
- CONTRACTOR ACCESS BEYOND THE LOC IS STRICTLY PROHIBITED.

- C. IN PLACES WHERE THE WETLANDS COME WITHIN 25' OF THE LOC, THEY WILL NEED TO BE DELINEATED/IDENTIFIED WITH CONSTRUCTION SAFETY FENCE SO TO PREVENT INADVERTENT ENCROACHMENT. BOTH THE USACE AND DNREC-MAPPED WETLANDS MUST BE PROTECTED, BUT THE CONTRACTOR NEED ONLY IDENTIFY THE MORE CONSERVATIVE ONE.

5. RESTORATION:

- A. RESTORATION OF WETLANDS IN WETLAND ACCESS ROAD AREAS AFTER THE ROADWAY IS NO LONGER NEEDED, CAREFULLY REMOVE AND DISPOSE OF ALL MATERIALS INCLUDING GEOTEXTILE AT AN APPROVED OFF-SITE LOCATION. RESTORE WETLAND AREAS DISTURBED DURING CONSTRUCTION TO THEIR PRE-CONSTRUCTION GRADE AND SEED. MAINTAINING SILT FENCE UNTIL THE GROUND IS STABILIZED. PAYMENT FOR SEEDING SHALL BE UNDER ITEM 908512 - TEMPORARY GRASS SEEDING - WET GROUND.
- IN ADDITION, ALL OTHER WETLAND AREAS WITHIN THE LOC SHALL BE SEEDDED AS DIRECTED BY THE ENGINEER. PAYMENT SHALL BE UNDER ITEM 908512 - TEMPORARY GRASS SEEDING - WET GROUND.

6. MITIGATION:

- A. ALL DNREC WETLAND REPLACEMENT OBLIGATIONS WILL BE MET THROUGH MEMORANDUM OF AGREEMENT WITH DNREC, EXECUTED DECEMBER 30, 2015. THE PERMANENT OPEN WATER SHADING IMPACTS DO NOT REQUIRE MITIGATION. NO MITIGATION REQUIRED FOR USACE.

- 7. IF A DEPARTURE FROM THE APPROVED PLANS IS NECESSARY AND FOR ALL SUBMITTALS THAT MUST BE APPROVED BY A RESOURCE AGENCY (E.G. USACE, DNREC), THE CONTRACTOR SHALL CONTACT THE ENGINEER, WHO WILL THEN NOTIFY THE ENVIRONMENTAL STUDIES OFFICE (ESO). THE ESO WILL COORDINATE WITH THE APPROPRIATE RESOURCE AGENCIES. WORK SHALL NOT PROCEED UNTIL ALL THE NECESSARY APPROVALS, PERMITS OR MODIFICATIONS ARE OBTAINED. THIS RESOURCE AGENCY APPROVAL IS IN ADDITION TO ANY APPROVAL THAT NEEDS TO BE DERIVED FROM THE ENGINEER. APPROVAL MAY TAKE A SIGNIFICANT AMOUNT OF TIME TO COMPLETE AND ALL CHANGES MAY NOT BE APPROVED. THE CONTRACTOR SHALL HAVE NO CLAIM AGAINST THE DEPARTMENT FOR COST OR DELAYS ASSOCIATED WITH RESOURCE AGENCY APPROVAL OR REJECTION OF CHANGES OR DEVIATIONS FROM THESE PLANS.

TOTAL TEMPORARY WETLAND IMPACTS					
SHEET	IMPACT DESCRIPTION	AREA (SF)	AREA (AC)	VOLUME (CY)	JURISDICTION
EC-02	DNREC IMPACTS	1,867.99	0.0429	N/A	DNREC
EC-02	USACE IMPACTS	3,602.13	0.0827	N/A	USACE
EC-03	DNREC IMPACTS	4,236.72	0.0973	N/A	DNREC
EC-03	USACE IMPACTS	7,441.86	0.1708	N/A	USACE
EC-04	USACE/DNREC IMPACTS	0.00	0.0000	N/A	USACE/DNREC
EC-05	USACE/DNREC IMPACTS	0.00	0.0000	N/A	USACE/DNREC
EC-06	DNREC IMPACTS	8,100.08	0.1860	N/A	DNREC
EC-06	USACE IMPACTS	22,305.29	0.5121	N/A	USACE
EC-07	DNREC IMPACTS	10,865.57	0.2494	N/A	DNREC
EC-07	USACE IMPACTS	17,942.74	0.4119	N/A	USACE
EC-08	DNREC IMPACTS	14,520.80	0.3333	N/A	DNREC
EC-08	USACE IMPACTS	25,001.60	0.5740	N/A	USACE
EC-09	DNREC IMPACTS	20,845.42	0.4786	N/A	DNREC
EC-09	USACE IMPACTS	32,032.59	0.7354	N/A	USACE
EC-10	DNREC IMPACTS	22,448.65	0.5154	N/A	DNREC
EC-10	USACE IMPACTS	36,327.90	0.8340	N/A	USACE
ALL	TOTAL DNREC IMPACTS	82,885.66	1.9028	N/A	DNREC
ALL	TOTAL USACE IMPACTS	144,655.11	3.3208	N/A	USACE

TOTAL PERMANENT WETLAND IMPACTS					
SHEET	IMPACT DESCRIPTION	AREA (SF)	AREA (AC)	VOLUME (CY)	JURISDICTION
EC-03	DNREC IMPACTS	1,146.46	0.0263	70	DNREC
EC-03	USACE IMPACTS	1,252.67	0.0290	89	USACE
EC-06	DNREC IMPACTS	5,875.87	0.1349	0	DNREC
EC-07	DNREC IMPACTS	3,076.80	0.1625	0	DNREC
EC-08	DNREC IMPACTS	10,481.33	0.2406	0	DNREC
EC-09	DNREC IMPACTS	11,187.50	0.2568	0	DNREC
EC-10	DNREC IMPACTS	4,844.58	0.1112	0	DNREC
EC-10	USACE IMPACTS	189.00	0.0043	48	USACE
ALL	TOTAL DNREC IMPACTS	40,612.21	0.9323	70	DNREC
ALL	TOTAL USACE IMPACTS	1451.67	0.0333	137	USACE

TOTAL TEMPORARY OPEN WATER IMPACTS					
SHEET	IMPACT DESCRIPTION	AREA (SF)	AREA (AC)	VOLUME (CY)	JURISDICTION
EC-03	DNREC IMPACTS	1,898.57	0.0056	79	DNREC
EC-03	USACE IMPACTS	1,898.57	0.0056	79	USACE
EC-06	DNREC IMPACTS	98.89	0.0023	0	DNREC
EC-06	USACE IMPACTS	121.57	0.0028	0	USACE
EC-07	DNREC IMPACTS	5,519.35	0.1267	0	DNREC
EC-07	USACE IMPACTS	9,431.32	0.2165	0	USACE
EC-08	DNREC IMPACTS	1,624.30	0.0373	0	DNREC
EC-08	USACE IMPACTS	2,333.42	0.0536	0	USACE
ALL	TOTAL DNREC IMPACTS	9,141.12	0.2099	79	DNREC
ALL	TOTAL USACE IMPACTS	13,784.89	0.3165	79	USACE

TOTAL PERMANENT OPEN WATER IMPACTS					
SHEET	IMPACT DESCRIPTION	AREA (SF)	AREA (AC)	VOLUME (CY)	JURISDICTION
EC-03	DNREC IMPACTS	1,030.00	0.0236	596	DNREC
EC-03	USACE IMPACTS	1,030.00	0.0236	596	USACE
EC-06	DNREC IMPACTS	22.67	0.0005	0	DNREC
EC-07	DNREC IMPACTS	4,112.17	0.0944	0	DNREC
EC-08	DNREC IMPACTS	709.12	0.0163	0	DNREC
ALL	TOTAL DNREC IMPACTS	5,873.97	0.1348	596	DNREC
ALL	TOTAL USACE IMPACTS	1,030.00	0.0236	596	USACE

NOTES:

WETLANDS AND WATERS DELINEATED BY WHITMAN, REQUARDT & ASSOCIATES ON AUGUST 19, 2011 AND 27, 2013 AND APRIL 7, 2015 IN ACCORDANCE WITH THE 1987 CORPS OF ENGINEERS MANUAL AND THE 2015 ATLANTIC AND GULF COASTAL PLAIN REGIONAL SUPPLEMENT. USACE JURISDICTIONAL DETERMINATION HAS NOT BEEN CONDUCTED. DNREC JURISDICTION APPEARS ON MAPS DNR 402 AND 403.

SHEET PREPARED BY: WHITMAN, REQUARDT & ASSOCIATES, LLP
DATE: OCTOBER 15, 2014
LAST UPDATED: JANUARY 12, 2016

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 DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS ▲ REVISED 10/16/2015 08:00 AM 02/18/16	NOT TO SCALE	NEW CASTLE INDUSTRIAL TRACK TRAIL, PHASE 3	CONTRACT: T201300009	BRIDGE NO. X	ENVIRONMENTAL COMPLIANCE PLAN	SHEET NO. 163
	COUNTY: NEW CASTLE			DESIGNED BY: LCC	CHECKED BY: JRR		TOTAL SHEET: 207