



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

JACK MARKELL
GOVERNOR

JENNIFER COHAN
SECRETARY

VIA OVERNIGHT DELIVERY

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

September 17, 2015

Contract No. T201109002.01
Federal Aid Project No. IM-N056(042)
I-95 and SR141 Interchange, Ramps G & F Improvements
New Castle County

Ladies and Gentlemen:

Enclosed is Addendum No. 4 for the referenced contract consisting of the following:

1. One (1) page, Bid Proposal Form, page 1, Item Number 208000 has been revised, to be substituted for the same page in the Proposal.
2. One (1) page, Plan Sheet 4 of 481, revised, to be substituted for the same page in the Proposal.
3. One (1) page, Completion Time, page i, intended Notice to Proceed date revised, to be substituted for the same page in the Proposal.
4. Three (3) pages, Environmental Statement, pages 290-292 have been revised, to be substituted for the same pages in the Proposal.
5. Expedite Bid File, Addendum No. 4.

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

DELAWARE DEPARTMENT OF TRANSPORTATION
SCHEDULE OF ITEMS

PAGE: 1
DATE:

CONTRACT ID: T201109002.01 PROJECT(S): IM-N056(042)

All figures must be typewritten.

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS CTS	BID AMOUNT DOLLARS CTS
SECTION 0001 ROADWAY				
0010	201000 CLEARING AND GRUBBING	LUMP	LUMP	
0020	207000 EXCAVATION AND BACKFILL FOR STRUCTURES	2100.000 CY		
0030	208000 EXCAVATION AND BACKFILLING FOR PIPE TRENCHES	52.000 CY		
0040	208001 FLOWABLE FILL	12.000 CY		
0050	209001 BORROW, TYPE A	15179.000 CY		
0060	209003 BORROW, TYPE C	4996.000 CY		
0070	209006 BORROW, TYPE F	75286.000 CY		
0080	211000 REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP	LUMP	
0090	211509 REMOVAL OF SIGN STRUCTURES	LUMP	LUMP	

GENERAL NOTES

- THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS", DATED AUGUST 2001 AND THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD CONSTRUCTION DETAILS", DATED 2001, INCLUDING ALL REVISIONS UP TO THE DATE OF ADVERTISEMENT.
- SITE REVIEWER - AN EROSION CONTROL SITE REVIEWER SHALL BE A PERSON FROM THE CONTRACTOR'S STAFF ASSIGNED TO EROSION AND SEDIMENT CONTROL IMPLEMENTATION AND MAINTENANCE AND SHALL BE REQUIRED ON SPECIFIC PROJECTS. THE NAME AND DNREC CERTIFICATION NUMBER OF EACH SITE REVIEWER SO REQUIRED SHALL BE SUBMITTED TO THE DEPARTMENT PRIOR TO THE EXECUTION OF THE CONTRACT. THE NAME OF THE DELAWARE REGISTERED PROFESSIONAL ENGINEER PROVIDING DIRECTION AND SUPERVISION OF THE SITE REVIEWER, AS REQUIRED IN SECTION 12.3 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS, SHALL ALSO BE SUBMITTED TO THE DEPARTMENT PRIOR TO THE EXECUTION OF THE CONTRACT. THE SITE REVIEWER REQUIREMENTS IN EFFECT ON THIS PROJECT SHALL BE MARKED WITH AN "X" BELOW:

EROSION POTENTIAL FOR THIS PROJECT	SITE REVIEWER REQUIREMENT
() INSIGNIFICANT	NONE
() MINOR	CONTRACTOR CERTIFICATION COURSE TRAINING ONLY, AS DEFINED IN SECTION 13 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS.
() MEDIUM	THE SUPERINTENDENT OR A SEPARATE INDIVIDUAL FROM THE CONTRACTOR'S STAFF SHALL BE A CERTIFIED CONSTRUCTION REVIEWER (CCR), AS DEFINED IN SECTION 12 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS.
(X) MAJOR	SUPERINTENDENT AND AN INDIVIDUAL FROM CONTRACTOR'S STAFF SHALL BE CCR. ONE INDIVIDUAL FROM THE CONTRACTOR'S STAFF MUST BE A CCR PRIOR TO THE EXECUTION OF THE CONTRACT. THE SUPERINTENDENT MUST BECOME A CCR WITHIN ONE YEAR AFTER THE AWARD OF CONTRACT.

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

()	NONE
()	ASCII DATA FILES WITH COORDINATES AND ELEVATIONS FOR PROPOSED POINTS AS SELECTED BY THE ENGINEER.
(X)	ALL PLAN SHEETS, IN PDF FORMAT.
(X)	EXISTING DIGITAL TERRAIN MODEL, IN .DTM FILE FORMAT, COMPATIBLE WITH SOFTWARE CURRENTLY USED BY DELDOT.
(X)	PROPOSED DIGITAL TERRAIN MODEL, IN .DTM FILE FORMAT, COMPATIBLE WITH SOFTWARE CURRENTLY USED BY DELDOT.
()	DESIGN FILE, IN .DGN FILE FORMAT, CONTAINING ONLY THE PROPOSED 3D TRIANGLES OF THE PROPOSED DIGITAL TERRAIN MODEL (DTM).

NOTE: THE DOCUMENT ENTITLED "RELEASE FOR DELIVERY OF DOCUMENTS IN ELECTRONIC FORM TO A CONTRACTOR" MUST BE SIGNED BY ALL PARTIES PRIOR TO THE DELIVERY OF ANY ELECTRONIC PROJECT FILES.

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

(X)	CROSS SECTIONS
()	RIGHT-OF-WAY PLANS (WILL BE MADE AVAILABLE TO THE AWARDED CONTRACTOR)

- AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED TRAFFIC CONTROL SUPERVISOR REQUIREMENT FOR THIS PROJECT.

()	THE CONTRACTOR SHALL NOT BE REQUIRED TO HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT.
()	THE CONTRACTOR SHALL HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT. THE CONTRACTOR'S GENERAL SUPERINTENDENT FOR THIS PROJECT OR ANOTHER ATSSA CERTIFIED MEMBER OF THE CONTRACTOR'S PROJECT STAFF MAY BE THE ATSSA SUPERVISOR. PAYMENT FOR ATSSA SUPERVISOR IS INCIDENTAL TO ITEM 743000.
(X)	THE CONTRACTOR SHALL HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT. THE ATSSA SUPERVISOR'S SOLE JOB SHALL BE SUPERVISION OF THE INSTALLATION, OPERATION AND MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR THIS PROJECT. THE CONTRACTOR'S GENERAL SUPERINTENDENT FOR THIS PROJECT SHALL NOT BE THE ATSSA SUPERVISOR. PAYMENT FOR ATSSA SUPERVISOR SHALL BE PAID FOR UNDER ITEM 743031.

- THE DISTURBED AREA FOR THIS PROJECT IS 43.09 ACRES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADHERING TO THE CONSTRUCTION SITE POLLUTION PREVENTION SPECIFICATIONS AS DETAILED IN SECTION 3.6 OF THE "DELAWARE EROSION AND SEDIMENT CONTROL HANDBOOK". ALL COSTS ASSOCIATED WITH ADHERING TO THE STANDARDS SHALL BE INCIDENTAL TO THE OVERALL CONTRACT COSTS.
- THE EROSION AND SEDIMENT CONTROL PLANS HAVE BEEN APPROVED BY DELDOT'S STORMWATER ENGINEER UNDER DELDOT'S DELEGATED AUTHORITY. THE EROSION AND SEDIMENT CONTROL PLANS ARE VALID FOR A THREE YEAR PERIOD, BEGINNING ON THE DATE THE STORMWATER ENGINEER SIGNED THE CONSTRUCTION TITLE SHEET. IF THE FINAL ACCEPTANCE OF THE PROJECT IS ANTICIPATED TO EXTEND BEYOND THE THREE YEARS, THE CONTRACTOR SHALL INFORM THE ENGINEER THREE MONTHS PRIOR TO THE EXPIRATION OF THE EROSION AND SEDIMENT CONTROL PLAN APPROVAL. DELDOT WILL REVIEW THE CURRENT EROSION AND SEDIMENT CONTROL PLAN AND ISSUE AN EXTENSION WITH ANY APPROPRIATE MODIFICATIONS.

PROJECT NOTES

SECTION 100

- ANY DAMAGE TO ITEMS NOTED TO BE RELOCATED OR RESET BY THE CONTRACTOR, AT THE DISCRETION OF THE ENGINEER, SHALL BE REPAIRED AND/OR REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.

SECTION 200

- THE ENGINEER MAY REQUIRE THE CONTRACTOR TO EXCAVATE TEST PITS ALONG PROPOSED DRAINAGE RUNS, AT POINTS OF POSSIBLE UTILITY CONFLICTS, TO DETERMINE IF A CONFLICT EXISTS. ANY CONFLICTS SHALL BE COORDINATED BY THE CONTRACTOR, WITH THE ENGINEER AND THE UTILITY COMPANY INVOLVED. THE ENGINEER SHALL ULTIMATELY DETERMINE THE SOLUTION TO THE UTILITY CONFLICT. TEST HOLES SHALL BE MEASURED AND PAID FOR IN ACCORDANCE WITH ITEM 208000 - EXCAVATION AND BACKFILL FOR PIPE TRENCHES, BUT ONLY TO THE ACTUAL DEPTH EXCAVATED.

- ITEMS TO BE REMOVED UNDER ITEM 21000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
 - DRAINAGE INLETS
 - HEADWALLS
 - JUNCTION BOXES
 - PCC BARRIER
 - GUARDRAIL
 - DRAINAGE MANHOLES
 - POLE BASES
 - SIGN STRUCTURE FOUNDATIONS
 - PARAPET/MOMENT SLAB ON RETAINING WALL
 - CABINET FOUNDATIONS
- THIS PROJECT IS COVERED UNDER AN NPDES GENERAL PERMIT FOR CONSTRUCTION. UNDER THE GENERAL PERMIT, COMPLIANCE WITH DELDOT'S APPROVED SEDIMENT AND STORMWATER MANAGEMENT PLANS WILL CONSTITUTE COMPLIANCE WITH THE NPDES INDUSTRIAL PERMITTING REQUIREMENTS FOR THIS CONSTRUCTION PROJECT. A COPY OF THE NPDES GENERAL PERMIT AND NOI IS KEPT ON FILE IN EACH OF THE CONSTRUCTION OFFICES AND THE DEPARTMENT'S TEAM SUPPORT SECTION. A COPY OF THE GENERAL PERMIT OR THE NOI CAN BE OBTAINED UPON REQUEST FROM EITHER THE DEPARTMENT'S STORMWATER ENGINEER OR THE APPROPRIATE CONSTRUCTION ENGINEER.

- BORROW TYPE F REQUIRED FOR THIS PROJECT IS AVAILABLE FOR USE AT A STOCKPILE LOCATED NEAR CENTER BOULEVARD EAST BEHIND THE DON PABLO'S RESTAURANT IN NEWARK, DE. IF THE STOCKPILED MATERIAL IS USED, CONSTRUCTION PLANS SHALL BE PREPARED BY THE CONTRACTOR SHOWING EROSION CONTROL, MOT PLAN, STABILIZED CONSTRUCTION ENTRANCE AND FINAL RESTORATION UPON COMPLETION INCLUDING FINAL CONFIGURATION, GRADING, SEEDING AND MULCHING. THE PLANS MUST BE APPROVED BY DELDOT PRIOR TO BEGINNING WORK AT THE STOCKPILE SITE. INITIAL CROSS SECTIONS OF THE STOCKPILE ARE AVAILABLE FROM DELDOT UPON REQUEST. CONTRACTOR IS RESPONSIBLE TO MAKE SURE MATERIAL MEETING THE BORROW TYPE F REQUIREMENTS ARE EXCAVATED FROM THE STOCKPILE. MODIFICATION OF THE BORROW PRIOR TO HAULING MAY BE REQUIRED TO MEET TYPE F REQUIREMENTS. ANY MODIFICATIONS TO THE BORROW TYPE F MATERIAL ARE INCLUDED IN THE CUBIC YARD PAYMENT FOR ITEM NO. 209006 TYPE F BORROW. NO ADDITIONAL COMPENSATION WILL BE MADE FOR ANY WORK TO MIX THE SOIL, PERFORM EXPLORATORY TEST HOLES, RE-HANDLING OF THE MATERIAL, OR ANY OTHER WORK REQUIRED BY THE CONTRACTOR TO MODIFY THE EXISTING STOCKPILE TO MEET THE REQUIREMENTS OF BORROW TYPE F. IN THE EVENT THE STOCKPILED MATERIAL CANNOT BE MODIFIED TO MEET THE REQUIREMENTS OF BORROW TYPE F, THE CONTRACTOR IS RESPONSIBLE FOR FINDING AN ALTERNATE SOURCE SOURCE OF MATERIAL TO MEET THE REQUIREMENTS OF BORROW TYPE F. HAULING OPERATIONS OF STOCKPILED MATERIAL MUST BE PERFORMED BETWEEN THE HOURS OF 10PM AND 8AM. THE CHRISTIANA MALL RING ROAD MAY NOT BE USED BY CONSTRUCTION VEHICLES. NOTIFY STEVE CHAMPLISS, CHRISTIANA MALL, AT 302-731-9816, EXT. 1007 OR STEVEN.CHAMPLISS@GGP.COM AT LEAST ONE WEEK PRIOR TO BEGINNING ACTIVITIES. ALL COST ASSOCIATED WITH AFORMENTIONED REQUIREMENTS WILL BE INCIDENTAL TO PAY ITEM 209006.

SECTION 300

- THE CONTRACTOR MAY ELECT TO USE ANY OF THE FOLLOWING MATERIALS TO MEET THE REQUIREMENTS OF ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B':
 - CRUSHED STONE (PER STANDARD SPECIFICATION 821)
 - CRUSHED CONCRETE (PER STANDARD SPECIFICATION 821)
 - HOT-MIX MILLINGS (PER SPECIAL PROVISION 302514 MILLED HOT-MIX BASE COURSE)

THE CONTRACTOR WILL NOT BE ALLOWED TO MIX DIFFERENT MATERIALS (OR SIMILAR MATERIALS FROM DIFFERENT SOURCES) TO MEET THE REQUIREMENTS OF ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'.

ALL OF THE ABOVE LISTED MATERIALS ARE PERMITTED FOR USE ON THE JOB, PROVIDED THEY ARE SEPARATED INTO APPROVED AREAS. EACH AREA OF BASE COURSE MUST BE CONSTRUCTED USING MATERIALS FROM A SINGULAR SOURCE, FULL DEPTH, IN ORDER THAT PROPER TESTING MAY BE ACCOMPLISHED. THE CONTRACTOR AND DELDOT'S PROJECT ENGINEER SHALL AGREE ON THE LIMITS OF EACH SOURCE OF MATERIAL PRIOR TO PLACEMENT.

B. THE QUANTITY USED FOR BASE OF EACH OF THE ABOVE LISTED MATERIALS WILL BE THE CONTRACTOR'S CHOICE, WITH THE TOTAL MEETING THE ADVERTISED QUANTITY OF ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'.

C. THE CONTRACTOR MAY ALSO ELECT TO RECYCLE MILLINGS FOR USE IN HOT-MIX AS PERMITTED BY THE STANDARD SPECIFICATIONS. THE CHOICE OF THE QUANTITY OF MILLINGS USED FOR THIS PURPOSE, OR FOR BASE COURSE, LIES WITH THE CONTRACTOR. ALL MILLING MATERIAL SHALL BECOME PROPERTY OF THE CONTRACTOR.

- HOT-MIX MILLINGS MAY BE GENERATED FROM THE FOLLOWING SOURCES:
 - MATERIAL MADE AVAILABLE WHEN MILLED ON THIS CONTRACT UNDER ITEM 760507.
 - MATERIAL MILLED ON THIS CONTRACT AT THE CONTRACTOR'S CHOICE UNDER ITEM 202000.
 - MILLED MATERIAL FURNISHED ON THE JOB FROM THE CONTRACTOR'S YARD OR OTHER OUTSIDE SOURCE.

ALL MILLED MATERIALS SHALL MEET THE MATERIAL REQUIREMENTS OF ITEM 302514 - MILLED HOT-MIX BASE COURSE.

- PAYMENT CLARIFICATION:
 - SHOULD THE CONTRACTOR ELECT TO MILL PORTIONS OF HOT-MIX SHOWN ON THE PLANS TO BE REMOVED UNDER ITEM 202000 - EXCAVATION AND EMBANKMENT THE COST OF MILLING THIS HOT-MIX WILL BE PAID AS ITEM 202000 - EXCAVATION AND EMBANKMENT. THE MILLINGS GENERATED MAY BE RECYCLED INTO HOT-MIX, UTILIZED FOR BASE COURSE, OR DISPOSED OF TO AN APPROVED SITE. HAULING COSTS FOR DISPOSAL AND/OR RECYCLING ARE INCIDENTAL TO ITEM 202000 - EXCAVATION AND EMBANKMENT.

b. MILLINGS GENERATED UNDER ITEM 760507 - PROFILE MILLING, HOT-MIX MAY BE RECYCLED INTO HOT-MIX, UTILIZED FOR BASE COURSE OR DISPOSED OF BY THE CONTRACTOR TO AN APPROVED SITE. NO SEPARATE PAYMENT WILL BE MADE FOR TRANSPORTING MILLINGS ON SITE OR TO AN APPROVED DISPOSAL SITE.

c. SHOULD THE CONTRACTOR ELECT TO TEMPORARILY STOCKPILE MILLINGS ON THE JOB SITE FOR LATER USE, ALL COSTS FOR STOCKPILING AND SUBSEQUENT REHANDLING SHALL BE INCIDENTAL TO ITEM 202000 - EXCAVATION AND EMBANKMENT.

d. MILLINGS USED FOR BASE COURSE SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF SPECIAL PROVISION 302514 - MILLED HOT-MIX BASE COURSE. NO SEPARATE PAYMENT WILL BE MADE TO FURNISH MILLINGS FROM AN OUTSIDE SOURCE OR TRANSPORT MILLINGS WITHIN THE PROJECT LIMITS. MILLINGS USED FOR BASE COURSE WILL BE PAID IN PLACE AT THE UNIT BID PRICE FOR ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'.

e. ALL COSTS TO UTILIZE MILLINGS IN RECYCLED HOT-MIX WILL BE INCIDENTAL TO THE UNIT PRICE BID FOR THE HOT-MIX ITEM USING THE RECYCLED MATERIAL.

f. SPECIAL PROVISION 302514 - MILLED HOT-MIX BASE COURSE IS PROVIDED TO SPECIFY THE MEANS OF LAY DOWN AND COMPACTION AS WELL AS THE MATERIAL REQUIREMENTS FOR MILLINGS USED AS BASE COURSE. ALL COSTS TO BRING THE MILLINGS INTO COMPLIANCE WITH THE REQUIREMENTS OF ITEM - 302514 MILLED HOT-MIX BASE COURSE ARE INCIDENTAL TO ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'. NO PAYMENT WILL BE MADE FOR ITEM 302514 - MILLED HOT-MIX BASE COURSE. THE QUANTITY OF MILLINGS USED FOR BASE COURSE WILL BE PAID FOR UNDER ITEM 302007 - GRADED AGGREGATE BASE COURSE.

SECTION 400

- ~~ALL TYPE B AND BITUMINOUS CONCRETE BASE COURSE MIXES SHALL HAVE AN ADDITIONAL 0.5% VIRGIN ASPHALT BINDER ADDED BEYOND THE APPROVED JOB MIX FORMULA ASPHALT CONTENT TO MAKE A RICH BINDER BASE COURSE. THE ADDITIONALLY APPROVED ASPHALT BINDER COURSE WILL BE PAID UNDER THE ASPHALT CEMENT COST ADJUSTMENT. ALL THE OTHER SPECIFICATION REQUIREMENTS FOR DIVISION 400 WILL APPLY.~~ 

- FOLLOWING THE PLACEMENT OF THE ASPHALT SURFACE COURSE, CRACK SEALING (406507) SHALL BE APPLIED TO TRANSVERSE JOINTS AT PAVING LIMITS AND AT LONGITUDINAL JOINTS WHERE NEW ASPHALT IS PLACED ADJACENT TO EXISTING ASPHALT PAVEMENT AS DIRECTED BY THE ENGINEER.

SECTION 600

- THE DEPARTMENT AND THE CONTRACTOR SHALL INSPECT ALL EXISTING PIPES AND DRAINAGE STRUCTURES TO BE USED IN THE FINAL DRAINAGE SYSTEM AND AGREE ON THE CONDITION PRIOR TO THE START OF CONSTRUCTION. EXISTING PIPES AND DRAINAGE STRUCTURES DAMAGED DUE TO CONTRACTOR OPERATIONS SHALL BE REPAIRED OR REPLACED IN-KIND AT THE CONTRACTOR'S EXPENSE. THE DEPARTMENT WILL VIDEO INSPECT NEW PIPE RUNS TO CONFIRM CONDITION PRIOR TO ACCEPTANCE. PIPE CLEANING PRIOR TO VIDEO INSPECTION AND MAINTENANCE OF TRAFFIC DURING THE VIDEO INSPECTION ARE THE RESPONSIBILITY OF THE CONTRACTOR AND INCIDENTAL TO THE PIPE ITEM THAT IS BEING VIDEO INSPECTED.

SECTION 700

- STATION AND ELEVATION DATA GIVEN FOR DRAINAGE STRUCTURES ARE TO BE APPLIED TO THE CENTER OF THE GRATE FOR INLETS, AND TO THE CENTER OF THE STRUCTURE FOR JUNCTION BOXES AND MANHOLES.
- DRAINAGE INLET GRATES ADJACENT TO THE ROAD, WITHIN THE PROJECT LIMITS, WHICH ARE NOT TYPE 1 SHALL BE REPLACED. THE ACTUAL LOCATIONS, THE NEED FOR ANY GRATE MODIFICATIONS OR FOR NEW FRAMES SHALL BE DETERMINED BY THE ENGINEER. ALL REPLACED GRATES/FRAMES SHALL BE DELIVERED TO THE NEAREST DISTRICT MAINTENANCE YARD WITH THE COST OF DELIVERY INCIDENTAL TO ITEM 708060 - REPLACING CATCH BASIN GRATES. FINAL PAYMENT FOR REPLACED GRATES/FRAMES SHALL NOT BE MADE UNTIL RECEIPT OF DELIVERED MATERIALS IS PRODUCED, SIGNED BY A DELDOT MAINTENANCE YARD SUPERVISOR.
- ALL PAVED AREAS TO BE RECONSTRUCTED OR WIDENED SHALL BE SAWCUT AT THE POINT WHERE THE NEW PAVEMENT IS TO TIE INTO THE EXISTING PAVEMENT.
- ALL PROPOSED CURB OPENINGS SHALL FOLLOW STANDARD CURB OPENING DETAIL WITH A 4' MINIMUM OPENING WIDTH TO BE PAID FOR UNDER ITEM 701032.

MISCELLANEOUS

- THE CONTRACTOR SHALL CONTACT MICHAEL ELLER, THE CHIEF OF SCHEDULING FOR DART FIRST STATE, 14 DAYS PRIOR TO THE START OF CONSTRUCTION AT 302-576-6061.
- THE DESIGN DATA FOR EACH ROADWAY WITHIN THE PROJECT LIMITS IS AS FOLLOWS.

a. NB SR 141

FUNCTIONAL CLASS: PRINCIPAL ARTERIAL	DIRECTIONAL DISTRIBUTION: N/A	
A.A.D.T. CURRENT: 35,000	YEAR: 2012	DESIGN SPEED: 55 M.P.H.
A.A.D.T. PROJECTED: 41,900	YEAR: 2030	DESIGN VEHICLE: WB-62
D.H.V. PROJECTED: 4,291	YEAR: 2030	TRUCKS: 6 %

b. SB SR 141

FUNCTIONAL CLASS: PRINCIPAL ARTERIAL	DIRECTIONAL DISTRIBUTION: N/A	
A.A.D.T. CURRENT: 33,000	YEAR: 2012	DESIGN SPEED: 55 M.P.H.
A.A.D.T. PROJECTED: 39,500	YEAR: 2030	DESIGN VEHICLE: WB-62
D.H.V. PROJECTED: 4,045	YEAR: 2030	TRUCKS: 6 %

c. RAMP D-2

FUNCTIONAL CLASS: INTERCHANGE RAMP	DIRECTIONAL DISTRIBUTION: N/A	
A.A.D.T. CURRENT: 10,000	YEAR: 2012	DESIGN SPEED: 30 M.P.H.
A.A.D.T. PROJECTED: 12,000	YEAR: 2030	DESIGN VEHICLE: WB-62
D.H.V. PROJECTED: 1,229	YEAR: 2030	TRUCKS: 6 %

d. RAMP G

FUNCTIONAL CLASS: INTERCHANGE RAMP	DIRECTIONAL DISTRIBUTION: N/A	
A.A.D.T. CURRENT: 12,500	YEAR: 2012	DESIGN SPEED: 40 M.P.H.
A.A.D.T. PROJECTED: 15,000	YEAR: 2030	DESIGN VEHICLE: WB-62
D.H.V. PROJECTED: 1,536	YEAR: 2030	TRUCKS: 6 %

e. RAMP F

FUNCTIONAL CLASS: INTERCHANGE RAMP	DIRECTIONAL DISTRIBUTION: N/A	
A.A.D.T. CURRENT: 8,000	YEAR: 2012	DESIGN SPEED: 30 M.P.H.
A.A.D.T. PROJECTED: 9,600	YEAR: 2030	DESIGN VEHICLE: WB-62
D.H.V. PROJECTED: 983	YEAR: 2030	TRUCKS: 6 %

f. RAMP E

FUNCTIONAL CLASS: INTERCHANGE RAMP	DIRECTIONAL DISTRIBUTION: N/A	
A.A.D.T. CURRENT: 8,000	YEAR: 2012	DESIGN SPEED: 30 M.P.H.
A.A.D.T. PROJECTED: 9,600	YEAR: 2030	DESIGN VEHICLE: WB-62
D.H.V. PROJECTED: 983	YEAR: 2030	TRUCKS: 6 %

- THE PAVEMENT SECTION FOR MAINTENANCE ACCESSSES AT THE LOCATIONS BELOW ARE AS FOLLOWS:
 - 3029+75 OFFSET LEFT
 - 1084+40 OFFSET RIGHT
 - 1086+15 OFFSET LEFT
 - 2" SUPERPAVE, TYPE C WARM MIX (ITEM NO. 401830)
 - 3" SUPERPAVE, TYPE B WARM MIX (ITEM NO. 401813)
 - 8" GABC (ITEM NO. 302007)
- THE CLEAR ZONE AT LOCATIONS HAVING PCC BARRIER OR GUARDRAIL ADJACENT TO A TRAVELWAY IS SHOWN ON THE TYPICAL SECTIONS AND IS DEFINED AS FOLLOWS
 - PCC BARRIER - 2' BEHIND THE FACE TO ACCOUNT FOR ZONE OF INTRUSION
 - GUARDRAIL - 4' BEHIND BACK EDGE OF GUARDRAIL POST TO ACCOUNT FOR LIMITS OF DEFLECTION

- IN AREAS WHERE PROPOSED CURB MEETS EXISTING CURB AND THE TWO CURB TYPES ARE NOT SIMILAR, THE PROPOSED CURB SHALL BE TRANSITIONED IN 10 LINEAR FEET, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK, INCLUDING SAW CUTTING EXISTING CURB SHALL BE INCIDENTAL TO THE PROPOSED CURB ITEM.

- DETERMINATION OF PERMANENT CONDITIONS OF BRIDGES 675 AND 678, PROPOSED SIGN STRUCTURES, AND PROPOSED LIGHTING HAS BEEN OBTAINED FROM THE FEDERAL AVIATION ADMINISTRATION (FAA). PRIOR TO THE ARRIVAL OF TEMPORARY CONSTRUCTION EQUIPMENT ON SITE, CONTRACTOR SHALL CONTACT FAA REPRESENTATIVE ROBERT ALEXANDER, OBSTRUCTION EVALUATION SPECIALIST, AT 718-553-4546 OR ROBERT.P.ALEXANDER@FAA.GOV FOR DETERMINATION PROCESS FOR TEMPORARY CONSTRUCTION EQUIPMENT, THIS WORK WILL BE INCIDENTAL TO ITEM 763000, INITIAL EXPENSE.

- LONGITUDINAL OR CROSS ROAD PATCHING SHALL CONFORM TO DELDOT STANDARD CONSTRUCTION DETAIL P-4. THE PAVING SECTION SHALL BE 3" WARM-MIX TYPE B (ITEM 401822) IN PLACE OF THE 2" WARM-MIX TYPE C LIFT AS NOTED ON THE DETAIL, AND 12" WARM-MIX BCBC (ITEM 401823) PLACED IN TWO 6" LIFTS.

DELAWARE DEPARTMENT OF TRANSPORTATION		ADDENDUMS / REVISIONS		NOT TO SCALE		I-95 AND SR 141 INTERCHANGE, RAMPS G & F IMPROVEMENTS		NOTES		SHEET NO.	
		DELETED NOTE 7 - BPH 09/16/15						BRIDGE NO. 675 / 678		4	
								DESIGNED BY: CGG		TOTAL SHTS.	
								CHECKED BY: BPH		481	

Contract No. T201109002.01
Federal Aid Project No. IM-N056(042)

I-95 AND SR141 INTERCHANGE, RAMPS G & F IMPROVEMENTS
NEW CASTLE COUNTY

GENERAL DESCRIPTION

LOCATION

These improvements are located in NEW CASTLE County more specifically shown on the Location Map(s) of the enclosed Plans.

DESCRIPTION

The improvements consist of furnishing all labor and materials for the I-95 and SR141 Interchange, ramps G & F improvements, and other incidental construction in accordance with the location, notes and details shown on the plans and as directed by the Engineer.

COMPLETION TIME

All work on this contract must be complete within 649 Calendar Days. The Contract Time includes an allowance for 101 Weather Days. It is the Department's intent to issue a Notice to Proceed such that work starts on or about ~~January 15, 2016~~. December 11, 2015

PROSPECTIVE BIDDERS NOTES:

1. BIDDERS MUST BE REGISTERED with DelDOT and request a CD of the official plans and specifications in order to submit a bid. Contact DelDOT at dot-ask@state.de.us, or (302) 760-2031.
2. QUESTIONS regarding this project are to be e-mailed to dot-ask@state.de.us no less than six business days prior to the proposal opening date in order to receive a response. Please include T201109002.01 in the subject line. Responses to inquiries are posted on-line at <http://www.bids.delaware.gov>.
3. This project incorporates the electronic bidding system **Expedite, version 5.9a**. Bidders wishing to use the electronic bidding option will find the installation file on the plan holders bid file disk. The installation file and instructions are also available on DelDOT's Website at: http://www.deldot.gov/information/business/bids/const_proj_bid_info.shtml.
4. Each proposal must be accompanied by a deposit of either surety bond or security for a sum equal to at least 10% of the bid.
5. No retainage will be withheld on this contract.
6. The Department's External Complaint Procedure can be viewed on DelDOT's Website at: <http://www.deldot.gov/information/business/>, or you may request a copy by calling (302) 760-2555.
7. **SPECIFICATIONS:** New Supplemental Specifications to the August 2001 Standard Specifications were issued November 24, 2014 and apply to this project. They can be [viewed here](#). The Department is currently updating the August 2001 Specifications for Road and Bridge Construction. Through this update, some Divisions were renumbered and some new ones were created and added. The **Specifications Note** document is for the use by the bidders to reference the new numbers to the past numbers used for bidding purposes on previous Department contracts.
8. **PLEASE NOTE** the requirements of special provision 'Changes to Project Documents During Advertisement' have moved to Supplemental Specifications, the special provision is no longer needed.
9. **PLEASE NOTE** federal requirements for the DBE program under [49CFR §26.53\(b\)\(3\)\(i\)\(B\)](#) have changed effective November 3, 2014. Submission of DBE participation information is now required from the lowest apparent bidder no later than seven (7) days after bid opening (*formerly 10 days*).
10. **BREAKOUT SHEETS MUST** be submitted either with your bid documents; or within seven (7) calendar days following the bid due date by the lowest apparent bidder. Refer to instructions adjacent to the Breakout Sheets in this document.
11. **PROPOSED TRAINEE PLANS** as required. Number of required programs is listed in the Training Special Provisions within Contract General Notices. The program(s) must be submitted within 10 Calendar Days of notification of apparent low bidder status. Contract Award will not take place until acceptable On-the-Job (OJT) program plans are received by the Civil Rights Group of the Department.



STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
800 BAY ROAD
P.O. BOX 778
DOVER, DELAWARE 19903

JENNIFER COHAN
SECRETARY

August 28, 2015

ENVIRONMENTAL REQUIREMENTS

FOR

State Contract No. T201109002

Federal Aid No.: IM-N056(042)

Contract Title: I-95 and SR 141 Interchange, Ramps G&F Improvements

In accordance with the procedural provisions for implementing the National Environmental Policy Act of 1969, as amended, the referenced project has been processed through the Department's Environmental Review Procedures and has been classified as a Level D/ Class II Action. As such, a Categorical Exclusion has been prepared to evaluate potential adverse impacts resulting from construction of the proposed project (per 23 CFR 771.117 d (1) and (3)), and the following special provisions have been developed to mitigate and/or minimize these impacts.

PERMIT REQUIREMENTS:

The construction work that will occur as part of the I-95 and SR 141 Interchange, Ramps G & F Improvement projects, New Castle County, Delaware requires permit approval from the agencies listed below. It is the responsibility of the contracting agency -- the Delaware Department of Transportation, Division of Transportation Solutions -- to obtain the necessary permits to ensure that the contractor complies with the requirements and conditions established by the regulatory agencies. The permit coordination for this project is ongoing. Written authorization from the permitting agencies is required and paperwork for on-site posting is anticipated. As such, the construction work that will occur as part of the I-95 and SR 141 Interchange, Ramps G & F Improvement projects, New Castle County, Delaware is authorized under the permits/exemptions listed below:

REQUIRED PERMITS AND APPROVAL STATUS:

- U.S. Army Corps of Engineers (COE) - Two (2) - Nationwide Permit (NWP) #23's with a Preconstruction Notification (PCN) - **both approved** –
 - Divided up by Br 1-675 and Br 1-678/Mitigation Site:
 - Br 1-675: CENAP-OP-R-2015-00627 (NWP #23), issued 8/25/15, *expires 3/18/17*.*
 - Br 1-678 & Mitigation Site: CENAP-OP-R-2015-00627 (NWP #23 & 27), issued 8/25/15, *expires 3/18/17*.*
- Delaware Department of Natural Resources and Environmental Control (DNREC) – Wetlands and Subaqueous Lands Section - Wetlands Permit – **approved** - Wetlands Permit – WE-271/15, issued 8/26/15, *expires 8/26/20*
- **DNREC Coastal Zone Management (CZM)** – Waived (project is not located in CRW)
- **DNREC Water Quality Certification** – Waived (project is not located in CRW)
- New Castle County Department of Land Use – Floodplain Permit
 - – per letter dated 8/27/14, the proposed work is not within a regulatory floodway and NCC application meets the standards of NCC's Flood Ordinance and **a permit is not required**

SPECIFIC REQUIREMENTS:

Compliance with all requirements of the permits is the responsibility of the contractor, who will follow all special conditions or requirements as stated within those permits. The contractor will be subject to penalties, fines, and the risk of shut down as mandated by laws governing permitting agencies if such conditions and requirements are violated or ignored. Therefore, all special conditions, general requirements, and/or other required provisions specified within the permits must be followed. Those obligations are indicated or listed within the permit package, which can be obtained from the DelDOT Contract Administration Office.

Additional requirements by DelDOT not specified within the permits, but listed below, are also the responsibility of the contractor. Noncompliance with these requirements may result in shut down of the project at the contractor's expense.

1. The contractor shall employ measures during construction to prevent spills of fuels or lubricants. If a spill should occur, efforts shall be undertaken to prevent its entry into wetlands, aquatic, or drainage areas. Any spills entering wetlands, aquatic, or drainage areas shall be removed immediately. The Division of Water Resources (DNREC), Wetlands & Aquatic Protection Branch, 302-739-4691, shall be notified of any spill(s) within six (6) hours of their occurrence. That office will determine the effectiveness of spill and contamination removal and specify remediation efforts as necessary.
2. All construction debris, excavated material, brush, rocks, and refuse incidental to the work shall be placed either on shore above the influence of flood waters or on some suitable disposal site approved by the department.

3. The disposal of trees, brush, and other debris in any stream corridor, wetland surface water or any drainage ditch is prohibited.
4. There shall be no stockpiling of construction materials or temporary fills in wetlands or subaqueous lands unless otherwise specified on project plans and approved by permitting agencies that govern them. It is the contractor's responsibility to coordinate and secure those additional permits/amendments in deviating from the plan.
5. Construction debris shall be kept from entering adjacent waterways, wetlands, ground cover, or drainage areas. Any debris that enters these areas shall be removed immediately. Netting, mats, or establishing confined work areas in stages may be necessary to address these issues.
6. Refuse material resulting from routine maintenance of worker equipment and heavy machinery is prohibited from being disposed or deposited onto or into the ground. All used oils and filters must be recycled or disposed of properly.
7. Use of harmful chemical wash water to clean equipment or machinery is discouraged. If undertaken, the residue water and/or material must be collected or contained such that it will be disposed of properly. It shall not be deposited or disposed of in waterways, streams, wetlands, or drainage areas.
8. The contractor shall follow all requirements as indicated in the Environmental Compliance Sheet. It is the contractor's responsibility to ensure that workers also follow this requirement. As part of the restrictions, please note the timetables reflected in the contract for the in-stream/water work for endangered species protection.
9. Fill material shall be free of oil and grease, debris, wood, general refuse, plaster and other pollutants, and shall contain no broken asphalt.

ENVIRONMENTAL COMPLIANCE SHEET:

The contractor shall pay special attention to specific construction requirements as indicated in the Environmental Compliance Sheets (sheets 209-228).

1. Please note the environmental requirement as indicated in Note 3 on sheet 210 (EC-02), regarding Cultural Resource Issues.
2. Specifically, please note the environmental requirements as indicated on sheet 210 (EC-02) in:
 - Note 4 for Protection of Resources
 - Note 5 for Plantings - Red chokeberry and shining sumac shall be planted along the northern inside curve of Ramp F (see DNREC Special Condition 10 and on EC-02)
 - Note 6 for Mitigation - states to offset for impacts associated with the project, wetland replacement options will be met through the Russell Peterson Urban Wildlife Refuge (under separate contract)
3. DelDOT Environmental Studies Section (302) 760-2264 must be notified if there are any changes to the project methods, footprint, materials, or designs, to allow the Department to coordinate with the appropriate resource agencies (COE, DNREC, NCC, and SHPO), for approval.