



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

JENNIFER COHAN  
SECRETARY

**VIA WEBSITE POSTING AND OVERNIGHT DELIVERY**

October 30, 2019

Contract No. T201907402.01  
Federal Aid Project No. NH-N059(44)  
Rehabilitation of I-95, 2nd Street On-Ramp Improvements  
New Castle County

Ladies and Gentlemen:

Enclosed is Addendum No. 3 for the referenced contract consisting of the following:

1. The Bid Proposal Cover, revised, to be substituted for the same page of the Proposal.
2. One (1) page, No Fault Incentive/Liquidated Damages, page iv, revised, to be substituted for the same page in the Proposal. The number of weather days for the ramp closure as noted in Item C. has been updated.
3. Nine (9) pages, Bid Proposal Forms, pages 13 through 21, revised, to be substituted for same pages in the Proposal.

The following Item Number has been added: 809001.

4. One (1) sheet, Construction Plans, Sheet 3, revised, to be substituted for the same sheet in the Plans.
5. Bid Express Amendment File No. 3.

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

Sincerely,

*~signature on file~*

Connie Ivins  
Competitively Bid Contracts Coordinator  
Delaware Department of Transportation

STATE OF DELAWARE



DEPARTMENT OF TRANSPORTATION

BID PROPOSAL

for

CONTRACT T201907402.01

FEDERAL AID PROJECT NO. NH-N059(44)

CFDA NO. 20.205

REHABILITATION OF I-95, 2ND STREET ON-RAMP  
IMPROVEMENTS

NEW CASTLE COUNTY

ADVERTISEMENT DATE: September 30, 2019

COMPLETION TIME: 397 Calendar Days

SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION  
DELAWARE DEPARTMENT OF TRANSPORTATION  
AUGUST 2016

Bids will be received in the Bidder's Room at the Delaware Department of Transportation's Administration Building, 800 Bay Road, Dover, Delaware prior to 2:00 P.M. local time ~~October 29~~ **November 5, 2019**

6:00 AM to 6:14 AM	\$5,00
6:15 AM to 6:29 AM	\$1,000
6:30 AM to 6:44 AM	\$1,500
6:45 AM to 6:59 AM	\$2,000
7:00 AM to 7:14 AM	\$2,500
<b>7:15 AM to 7:20 AM</b>	<b>\$3,000</b>

**B. The following is the lane closure hours for I-95 southbound scupper work:**

The I-95 SB Left lane closure on Phase 1 - Detail 1 (CS-104 through CS-108) to perform the bridge scupper work is permitted between the hours of Friday at 10 PM through the immediately following Monday at 5 AM (i.e., weekend closure period). The weekend closure period is permitted for one weekend only. If the lane is not reopened by 5 AM on Monday morning, RUC liquidated damages will be assessed in accordance with Part A of these notices.

**C. Liquidated Damages for Ramp Closures**

**The Road User Cost (RUC) liquidated damages for the ramp closure portion of this contract will be up to \$10,000 per Calendar Day for every day that the ramp remains closed beyond 255 Calendar Days.** The 255 Calendar Days for the ramp closure include 46 Weather Days. The RUC liquidated damages will be limited to 90 Calendar Days beyond the 255 Calendar Day limit, resulting in a maximum RUC liquidated damage assessment of \$900,000. Assessment of RUC liquidated damages will be made by change order. The Contractor will be assessed the Road User Costs for failure to open the roadway on time per the Contract. RUC liquidated damages will be assessed based solely on whether or not the Contractor completes the work described below for the Ramp B Closure work within 255 Calendar Days.

*Ramp B Closure Work.* Beginning on the Calendar Day that the Contractor closes Ramp B, the Contractor must complete the Ramp B Closure work as defined below within 255 Calendar Days. The “Ramp B Closure” work consists of all the following work items:

1. Demolishing Ramp B.
2. Completion of all work on the plans indicated to be completed during Phase 2 associated with Ramp D including the associated widening of Bridge No 1-748S. This work also includes installation of all bridge expansion joint strip seals and bridge drainage system including scuppers and downspout piping.
3. Performance of all profiling, necessary corrective work, grooving, texturing, and application of sealants on all concrete bridge decks and concrete pavement sections.
4. Completion of all work on the plans indicated to be completed during Phases 1 and 2 associated with Lancaster Avenue, Martin Luther King Jr. Blvd, Adams Street, 2nd Street, and Jackson Street (the “City” streets).
5. Installed and fully operational permanent traffic signal equipment as shown on the Plans on the City street intersections.
6. Installation of permanent pavement markings as shown on the Plans on the ramp, approach roadways, and mainline.
7. Installation of permanent signs and sign structures as shown on the Plans on the ramp, approach roadways, and mainline.
8. Installed and fully operational roadway lighting as shown on the Plans on the ramp, approach roadways, and mainline.

DELAWARE DEPARTMENT OF TRANSPORTATION  
SCHEDULE OF ITEMS

PAGE: 13  
DATE:

CONTRACT ID: T201907402.01 PROJECT(S): NH-N059(44)

All figures must be typewritten.

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1175	809001 INSTALL TEMPORARY IMPACT ATTENUATOR	EACH 3.000				
1180	809005 FURNISH TEMPORARY IMPACT ATTENUATOR - NON-GATING, REDIRECTIVE, TEST LEVEL 3	EACH 3.000				
1190	810001 TEMPORARY WARNING SIGNS AND PLAQUES	EADY 34725.000				
1200	811007 FLAGGER, NEW CASTLE COUNTY, FEDERAL	HOUR 440.000				
1210	811016 FLAGGER, NEW CASTLE COUNTY, FEDERAL, OVERTIME	HOUR 110.000				
1220	813001 TEMPORARY BARRICADES, TYPE III	LFDY 24000.000				
1230	817002 PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND, ALKYD-THERMOPLASTIC	SF 2075.000				
1240	817005 PERMANENT PAVEMENT STRIPING, ALKYD-THERMOPLASTIC, 5"	LF 45.000				
1250	817013 PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	LF 13265.000				

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CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1260	817014 PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 10"	LF 1595.000				
1270	817018 PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, BLACK, 3"	LF 2950.000				
1280	817020 RETROREFLECTIVE PREFORMED PATTERNED MARKINGS, 5"	LF 33.000				
1290	817022 RETROREFLECTIVE PREFORMED PATTERNED MARKINGS, 8"	LF 625.000				
1300	817023 RETROREFLECTIVE PREFORMED PATTERNED MARKINGS, 13"	LF 115.000				
1310	817027 RAISED/RECESSED PAVEMENT MARKER	EACH 65.000				
1320	817031 REMOVAL OF PAVEMENT STRIPING	SF 2870.000				
1330	818003 SUPPLY OF FLAT SHEET ALUMINUM SIGN PANEL, TYPE XI, RETROREFLECTIVE SHEETING	SF 110.000				
1340	818006 SUPPLY OF EXTRUDED ALUMINUM SIGN PANEL, TYPE XI, RETROREFLECTIVE SHEETING	SF 363.000				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1350	819016 INSTALLATION OF 4" DIAMETER HOLE, LESS THAN OR EQUAL TO 6" DEPTH	EACH 5.000				
1360	819018 INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGLE SIGN POST	EACH 62.000				
1370	819019 INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON MULTIPLE SIGN POSTS	SF 69.000				
1380	820002 REINFORCED CONCRETE MASONRY SIGN FOUNDATION, W-8	EACH 2.000				
1390	820009 SUPPLY OF BREAKAWAY I-BEAM SIGN POSTS, W-8	LF 40.000				
1400	820014 SUPPLY AND INSTALLATION OF BOLT KIT FOR BREAKAWAY COUPLING	EACH 2.000				
1410	820015 SUPPLY AND INSTALL OF HINGE PLATE FOR BREAKAWAY COUPLING	EACH 2.000				
1420	820016 SUPPLY AND INSTALLATION OF BREAKAWAY COUPLING SYSTEM	EACH 2.000				
1430	820017 INSTALLATION OF BREAKAWAY I-BEAM SIGN POSTS	EACH 2.000				

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CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1440	820019 INSTALL SIGN PANEL ON BREAKAWAY I-BEAM SIGN SUPPORT	SF 165.000				
1450	821001 SUPPLY OF BARRIER MOUNTED SIGN SUPPORT, 4" POST	EACH 1.000				
1460	821003 INSTALLATION OF BARRIER MOUNTED SIGN SUPPORT	EACH 2.000				
1470	821005 INSTALLATION OF SIGN ON BARRIER MOUNTED SIGN SUPPORT	SF 29.000				
1480	822001 INSTALL SIGN PANEL OVERLAY	SF 110.000				
1490	822002 INSTALLATION OF SIGN ON/OVER HIGHWAY STRUCTURE	SF 198.000				
1500	822008 REMOVAL OF OVERHEAD I-BEAM	EACH 6.000				
1510	822009 REMOVAL OF SIGN ON/OVER HIGHWAY STRUCTURE	SF 391.000				
1520	824001 BARRIER MOUNTED DELINEATOR	EACH 35.000				
1530	824002 POST MOUNTED DELINEATORS	EACH 5.000				

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PAGE: 17  
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CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1540	830001 CONDUIT JUNCTION WELL, TYPE 1, 20" X 20" PRECAST CONCRETE	EACH 10.000				
1550	830002 CONDUIT JUNCTION WELL, TYPE 4, 20" X 42-1/2" PRECAST CONCRETE	EACH 2.000				
1560	830008 ADJUST OR REPAIR EXISTING CONDUIT JUNCTION WELL	EACH 2.000				
1570	830010 REMOVAL OF EXISTING JUNCTION WELL	EACH 2.000				
1580	830501 JUNCTION BOX ON STRUCTURE	EACH 5.000				
1590	831001 FURNISH AND INSTALL UP TO 3" FLEXIBLE METALLIC-LIQUID TIGHT CONDUIT	LF 80.000				
1600	831003 FURNISH AND INSTALL UP TO 4" SCHEDULE 80 PVC CONDUIT (OPEN CUT)	LF 545.000				
1610	831004 FURNISH AND INSTALL UP TO 4" SCHEDULE 80 PVC CONDUIT (TRENCH)	LF 800.000				
1620	831006 FURNISH AND INSTALL UP TO 4" GALVANIZED STEEL CONDUIT (TRENCH)	LF 125.000				

DELAWARE DEPARTMENT OF TRANSPORTATION  
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CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1630	831008 FURNISH AND INSTALL UP TO 4" GALVANIZED STEEL CONDUIT (OPEN CUT)	LF 150.000				
1640	831009 FURISH AND INSTALL UP TO 4" GALVANIZED STEEL CONDUIT (ON STRUCTURE)	LF 1250.000				
1650	832002 FURINSH AND INSTALL 1-CONDUCTOR # 3/0 AWG STRANDED COPPER, TYPE USE-2	LF 850.000				
1660	832006 FURNISH AND INSTALL 1-CONDUCTOR #2 AWG STRANDED COPPER, TYPE USE-2	LF 725.000				
1670	832007 FURNISH AND INSTALL 1-CONDUCTOR #4 AWG STRANDED COPPER, TYPE USE-2	LF 1750.000				
1680	832008 FURNISH AND INSTALL 1-CONDUCTOR #6 STRANDED COPPER, TYPE USE-2	LF 9600.000				
1690	832010 FURNISH AND INSTALL 1-CONDUCTOR #10 STRNDED COPPER, TYPE USE-2	LF 1800.000				
1700	832017 FURNISH AND INSTALL STRANDED INSULATED COPPER GROUND WIRE, 1/#2 AWG	LF 225.000				

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CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1710	832019 FURNISH AND INSTALL STRANDED INSULATED COPPER GROUND WIRE, 1/#6 AWG	LF 3300.000				
1720	832035 REMOVAL OF CABLE FROM CONDUIT OR TRAFFIC /LIGHTING POLE	LF 3575.000				
1730	833001 BONDING AND GROUNDING EXISTING JUNCTION WELL	EACH 1.000				
1740	834002 POLE BASE, TYPE 3A	EACH 1.000				
1750	834005 POLE BASE, TYPE 4A	EACH 8.000				
1760	834006 POLE BASE, TYPE 6	EACH 4.000				
1770	834007 POLE BASE EXTENSION	CF 34.000				
1780	835002 CABINET BASE TYPE M	EACH 1.000				
1790	835004 CABINET BASE TYPE R	EACH 1.000				
1800	842004 ELECTRIC SERVICE ON PEDESTAL WITH SERVICE RISER	EACH 1.000				

DELAWARE DEPARTMENT OF TRANSPORTATION  
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CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1810	843001 ELECTRICAL TESTING	LUMP	LUMP			
1820	847002 INSTALL OR REMOVAL OF BASE OR PAD MOUNTED CABINET	EACH 1.000				
1830	847003 LIGHTING CONTROL CABINET - 200 A, 277/480V	EACH 1.000				
1840	850011 REMOVAL OF LUMINAIRE	EACH 18.000				
1850	850522 LUMINAIRE (LED), 400 WATTS, HPS EQUIVALENT	EACH 17.000				
1860	850527 LED WALL PACK, 150 WATTS HPS EQUIVALENT	EACH 9.000				
1870	851003 ALUMINUM LIGHTING STANDARD WITH SINGLE DAVIT ARM, 40' POLE	EACH 7.000				
1880	851007 RELOCATED EXISTING LIGHT STANDARD	EACH 3.000				
1890	905004 INLET SEDIMENT CONTROL, DRAINAGE INLET	EACH 44.000				
1900	905500 SUPER SILT FENCE	LF 1333.000				
1910	906002 DEWATERING BAG	EACH 6.000				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1920	906003 SUMP PIT	EACH 6.000				
1930	907012 TEMPORARY SLOPE DRAIN, 12"	LF 250.000				
1940	908004 TOPSOIL, 6" DEPTH	SY 200.000				
1950	908010 TOPSOILING, 6" DEPTH	SY 2000.000				
1960	908014 PERMANENT GRASS SEEDING, DRY GROUND	SY 2000.000				
1970	908020 EROSION CONTROL BLANKET MULCH	SY 1897.000				
1980	908021 TURF REINFORCEMENT MATTING, TYPE 1	SY 104.000				
1990	908023 STABILIZED CONSTRUCTION ENTRANCE	SY 400.000				
	SECTION 0001 TOTAL					
	TOTAL BID					

**ADDENDUM PREPARED BY**

**WRA** Whitman, Requardt and Associates, LLP  
Engineers - Architects - Environmental Planners Est. 1915

*William A. Geschrei* 10/03/2019  
DATE

THIS SEAL APPLIES TO THE FOLLOWING SHEETS CHANGED UNDER ADDENDUM \*1:  
3, BID PROPOSAL SHEETS I, VII, VIII, 45A, 45B, 45C, 113-118,  
SCHEDULE OF ITEMS PAGES 11-21



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**ADDENDUM PREPARED BY**

**WRA** Whitman, Requardt and Associates, LLP  
Engineers - Architects - Environmental Planners Est. 1915

*William A. Geschrei* 10/24/2019  
DATE

THIS SEAL APPLIES TO THE FOLLOWING SHEETS CHANGED UNDER ADDENDUM \*2:  
3, 17, 31, 32, 33, 156, 157, 216, 219, 222, 227, 228, 254,  
SCHEDULE OF ITEMS PAGES 1-21



SEAL

**ADDENDUM PREPARED BY**

**WRA** Whitman, Requardt and Associates, LLP  
Engineers - Architects - Environmental Planners Est. 1915

*William A. Geschrei* 10/29/2019  
DATE

THIS SEAL APPLIES TO THE FOLLOWING SHEETS CHANGED UNDER ADDENDUM \*3:  
3, BID PROPOSAL SHEETS IV,  
SCHEDULE OF ITEMS PAGES 13-21



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**ADDENDA / REVISIONS**

ADDENDUM 1	D.A.N. 10/03/2019
ADDENDUM 2	D.A.N. 10/24/2019
ADDENDUM 3	D.A.N. 10/29/2019

**NOT TO SCALE**

**REHABILITATION OF I-95,  
2ND STREET ON-RAMP  
IMPROVEMENTS**

CONTRACT	BRIDGE NO.
T201907402	
COUNTY	DESIGNED BY: D. NIZAMOFF
NEW CASTLE	CHECKED BY: W. GESCHREI

**ADDENDA AND REVISIONS**

**AR-01**

SECTION

SHEET NO.

3