



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

JENNIFER COHAN  
SECRETARY

**VIA OVERNIGHT DELIVERY**

November 14, 2018

Contract No. T201606114.01  
Federal Aid Project No. NH-N018(20)  
Main Street Newark Rehabilitation and Pedestrian Improvements  
New Castle County

Ladies and Gentlemen:

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

1. The date for the receipt of bids has been moved to Tuesday, **November 27**, 2018 prior to 2:00 p.m.
2. The Bid Proposal Cover, revised, to be substituted for the same page in the Proposal.
3. Six (6) pages, Bid Proposal Forms, pages 6, 7, 8, 9, 10 and 11, revised, to be substituted for the same pages in the Proposal. Page 12 has been added.

The following Item Numbers have quantity changes: 819018, 830005, 830006, 830008, 831002, 831003, 831004, 831006, 834001, 834005, 835003 and 846001.

The following Item Numbers have been added: 763508, 830001, 831007 and 841001.

The following Item Number has been deleted: 831008.

4. The following Plan Sheets have been revised and replaced: 16, 17, 21 and 22
5. The following Pedestrian Improvement Plan Sheets have been revised and replaced: 4 and 85.
6. Expedite File Disc, Amendments No. 2.

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

Sincerely,

*~signature on file~*

Robert A. Kovacs  
Competitively Bid Contracts Coordinator  
Delaware Department of Transportation

STATE OF DELAWARE



DEPARTMENT OF TRANSPORTATION

BID PROPOSAL

for

CONTRACT T201606114.01

FEDERAL AID PROJECT NO. NH-N018(20)

CFDA NO. 20.205

Main Street Newark Rehabilitation and Pedestrian Improvements

New Castle County

ADVERTISEMENT DATE: October 15, 2018

COMPLETION TIME: **763564 - SPECIAL BIDDING PROCEDURES**

**PROSPECTIVE BIDDERS ARE ADVISED THAT THERE WILL BE A MANDATORY PRE-BID MEETING  
~~THURSDAY~~ FRIDAY NOVEMBER 2, 2018 AT 2:00 P.M. IN THE DeIDOT ADMINISTRATION BUILDING,  
800 BAY ROAD, DOVER, DELAWARE, 19903.**

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 **November ~~20~~ 27, 2018**

DELAWARE DEPARTMENT OF TRANSPORTATION  
SCHEDULE OF ITEMS

PAGE: 6  
DATE:

CONTRACT ID: T201606114.01 PROJECT(S): NH-N018(20)

All figures must be typewritten.

CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS   CTS	BID AMOUNT DOLLARS   CTS
0510	762000 SAW CUTTING, BITUMINOUS CONCRETE	1216.000 LF		
0520	762001 SAW CUTTING, CONCRETE, FULL DEPTH	3550.000 LF		
0530	762004 BUTT JOINTS	37.000 SY		
0540	763000 INITIAL EXPENSE/DE-MOBILIZATION	LUMP	LUMP	
0550	763501 CONSTRUCTION ENGINEERING	LUMP	LUMP	
0560	763503 TRAINEE	1080.000 HOUR	0.80000	864.00
0570	763508 PROJECT CONTROL SYSTEM DEVELOPMENT PLAN	LUMP	LUMP	
0580	763509 CPM SCHEDULE UPDATES AND/OR REVISED UPDATES	20.000 EAMO		
0590	763599 FIELD OFFICE, SPECIAL II	20.000 EAMO		
0600	801000 MAINTENANCE OF TRAFFIC	LUMP	LUMP	

DELAWARE DEPARTMENT OF TRANSPORTATION  
SCHEDULE OF ITEMS

PAGE: 7  
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CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS   CTS	BID AMOUNT DOLLARS   CTS
0610	802003 ARROW PANELS TYPE C	728.000 EADY		
0620	804001 FURNISH AND MAINTAIN PORTABLE LIGHT ASSEMBLY (FLOOD LIGHTS)	9099.000 EADY		
0630	805001 PLASTIC DRUMS	59641.000 EADY		
0640	806001 TRAFFIC OFFICERS	1000.000 HOUR	75.000000	75000.00
0650	808002 FURNISH AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	50.000 EADY		
0660	810001 TEMPORARY WARNING SIGNS AND PLAQUES	135012.000 EADY		
0670	811001 FLAGGER, NEW CASTLE COUNTY STATE	25024.000 HOUR		
0680	811013 FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	6256.000 HOUR		
0690	813001 TEMPORARY BARRICADES, TYPE III	42440.000 LFDY		
0700	817002 PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND, ALKYD-THERMOPLASTIC	4160.000 SF		

DELAWARE DEPARTMENT OF TRANSPORTATION  
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CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS   CTS	BID AMOUNT DOLLARS   CTS
0710	817003 TEMPORARY MARKINGS, PAINT, 4" LF	23104.000		
0720	817004 TEMPORARY MARKINGS, PAINT, SYMBOL/LEGEND SF	886.000		
0730	817005 PERMANENT PAVEMENT STRIPING, ALKYD-THERMOPLASTIC, 5" LF	72.000		
0740	817006 PERMANENT PAVEMENT STRIPING, ALKYD-THERMOPLASTIC, 12" LF	1865.000		
0750	817013 PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5" LF	11980.000		
0760	817014 PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 10" LF	463.000		
0770	817015 PREFORMED RETROREFLECTIVE THERMOPLASTIC MARKINGS, BIKE SYMBOL EACH	17.000		
0780	817017 PREFORMED RETROREFLECTIVE THERMOPLASTIC MARKINGS, HANDICAP SYMBOL EACH	9.000		
0790	817031 REMOVAL OF PAVEMENT STRIPING SF	11000.000		

DELAWARE DEPARTMENT OF TRANSPORTATION  
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CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS   CTS	BID AMOUNT DOLLARS   CTS
0800	817500 PREFORMED THERMOPLASTIC DECORATIVE PAVEMENT SYSTEM	7626.000 SF		
0810	817565 CURB PAINT	370.000 LF		
0820	819016 INSTALLATION OF 4" DIAMETER HOLE, LESS THAN OR EQUAL TO 6" DEPTH	42.000 EACH		
0830	819018 INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGLE SIGN POST	384.000 EACH		
0840	819019 INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON MULTIPLE SIGN POSTS	12.000 SF		
0850	819511 PARKING METER POST ASSEMBLY	111.000 EACH		
0860	825001 TUBULAR MARKERS	1062.000 EACH		
0870	830001 CONDUIT JUNCTION WELL, TYPE 1, 20" X 20" PRECAST CONCRETE	1.000 EACH		
0880	830005 CONDUIT JUNCTION WELL, TYPE 11, PRECAST/POLYMER LID-FRAME	20.000 EACH		

DELAWARE DEPARTMENT OF TRANSPORTATION  
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CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS   CTS	BID AMOUNT DOLLARS   CTS
0890	830006 CONDUIT JUNCTION WELL, TYPE 14, PRECAST CONCRETE/POLYMER LID-FRAME	5.000 EACH		
0900	830008 ADJUST OR REPAIR EXISTING CONDUIT JUNCTION WELL	14.000 EACH		
0910	830019 FURNISH AND INSTALL PRECAST POLYMER COVER FOR JUNCTION WELL , TYPE 11	21.000 EACH		
0920	830020 FURNISH AND INSTALL FRAME AND LID FOR JUNCTION WELL, TYPE 14	9.000 EACH		
0930	831001 FURNISH AND INSTALL UP TO 3" FLEXIBLE METALLIC-LIQUID TIGHT CONDUIT	126.000 LF		
0940	831002 FURNISH AND INSTALL UP TO 4" SCHEDULE 80 HDPE CONDUIT (BORE)	836.000 LF		
0950	831003 FURNISH AND INSTALL UP TO 4" SCHEDULE 80 PVC CONDUIT (OPEN CUT)	32.000 LF		
0960	831004 FURNISH AND INSTALL UP TO 4" SCHEDULE 80 PVC CONDUIT (TRENCH)	700.000 LF		

DELAWARE DEPARTMENT OF TRANSPORTATION  
SCHEDULE OF ITEMS

PAGE: 11  
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CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS   CTS	BID AMOUNT DOLLARS   CTS
0970	831006 FURNISH AND INSTALL UP TO 4" GALVANIZED STEEL CONDUIT (TRENCH)	207.000 LF		
0980	831007 FURNISH AND INSTALL UP TO 4" GALVANIZED STEEL CONDUIT (BORE)	322.000 LF		
0990	834001 POLE BASE, TYPE 3	7.000 EACH		
1000	834005 POLE BASE, TYPE 4A	21.000 EACH		
1010	835002 CABINET BASE TYPE M	1.000 EACH		
1020	835003 CABINET BASE TYPE P	5.000 EACH		
1030	841001 FURNISH AND INSTALL WEATHERHEAD, UP TO 3", ON STEEL POLE	5.000 EACH		
1040	846001 FURNISH AND INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT	1970.000 LF		
1050	905001 SILT FENCE	26.000 LF		



DELAWARE DEPARTMENT OF TRANSPORTATION  
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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS   CTS	BID AMOUNT DOLLARS   CTS
1060	905004 INLET SEDIMENT CONTROL, DRAINAGE INLET	1.000 EACH		
1070	905005 INLET SEDIMENT CONTROL, CURB INLET	87.000 EACH		
1080	908004 TOPSOIL, 6" DEPTH	300.000 SY		
1090	908014 PERMANENT GRASS SEEDING, DRY GROUND	300.000 SY		
1100	911000 PLANTINGS	LUMP	LUMP	
1110	911503 SOIL CELL	731.000 SF		
	SECTION 0001 TOTAL			
	TOTAL BID			

DELAWARE DEPARTMENT OF TRANSPORTATION

CONTRACT T201606114

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CANAL MAIN STREET NEWARK REHABILITATION AND PEDESTRIAN IMPROVEMENTS

LOCATION 1 11(OGLETOWN ROAD (RD 18)/MAIN STREET NEWARK (RD 11) ) FROM MARROWS ROAD (RD351) TO WEST MAIN STREET/NEW LONDON ROAD

LENGTH 2043.6840 m 6705.0000 L.F. AADT 35780

GENERAL IMPROVEMENTS

REHABILITATION OF ROADWAY, ADA IMPROVEMENTS FROM MARROWS ROAD TO LIBRARY AVENUE; RECONSTRUCTION OF ROADWAY AND PEDESTRIAN IMPROVEMENTS FROM LIBRARY AVENUE TO W. MAIN/NEW LONDON ROAD

COMMENTS:

SEE CONSTRUCTION PLANS

△ Addendum No. 4 - Added Items - 830001, 831007 Deleted Item - 831008  
Revised Quantity Items - 819018, 830005, 830006, 830008, 831002, 831003, 831004, 831006, 834001, 834005, 835003 (MAB 11/9/18)

MATERIAL ESTIMATE FOR LOCATION 1

817017	PREFORMED RETROREFLECTIVE THERMOPLASTIC MARKINGS, HANDICAP SYMBOL	9.00	EACH
817031	REMOVAL OF PAVEMENT STRIPING	11,000.00	S.F.
817500	PREFORMED THERMOPLASTIC DECORATIVE PAVEMENT SYSTEM	7,626.00	S.F.
817565	CURB PAINT	370.00	L.F.
819016	INSTALLATION OF 4" DIAMETER HOLE, LESS THAN OR EQUAL TO 6" DEPTH	42.00	EACH
△ 819018	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGLE SIGN POST	384.00	EACH
819019	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON MULTIPLE SIGN POSTS	12.00	S.F.
819511	PARKING METER POST ASSEMBLY	111.00	EACH
825001	TUBULAR MARKERS	1,062.00	EACH
△ 830001	CONDUIT JUNCTION WELL, TYPE 1, 20" X 20" PRECAST CONCRETE	1.00	EACH
△ 830005	CONDUIT JUNCTION WELL, TYPE 11, PRECAST/POLYMER LID-FRAME	20.00	EACH
△ 830006	CONDUIT JUNCTION WELL, TYPE 14, PRECAST CONCRETE/POLYMER LID-FRAME	5.00	EACH
△ 830008	ADJUST OR REPAIR EXISTING CONDUIT JUNCTION WELL	14.00	EACH
830019	FURNISH AND INSTALL PRECAST POLYMER COVER FOR JUNCTION WELL, TYPE 11	21.00	EACH
830020	FURNISH AND INSTALL FRAME AND LID FOR JUNCTION WELL, TYPE 14	9.00	EACH
831001	FURNISH AND INSTALL UP TO 3" FLEXIBLE METALLIC-LIQUID TIGHT CONDUIT	126.00	L.F.
△ 831002	FURNISH AND INSTALL UP TO 4" SCHEDULE 80 HDPE CONDUIT (BORE)	836.00	L.F.
△ 831003	FURNISH AND INSTALL UP TO 4" SCHEDULE 80 PVC CONDUIT (OPEN CUT)	32.00	L.F.
△ 831004	FURNISH AND INSTALL UP TO 4" SCHEDULE 80 PVC CONDUIT (TRENCH)	700.00	L.F.
△ 831006	FURNISH AND INSTALL UP TO 4" GALVANIZED STEEL CONDUIT (TRENCH)	207.00	L.F.
△ 831007	FURNISH AND INSTALL UP TO 4" GALVANIZED STEEL CONDUIT (BORE)	322.00	L.F.
△ 834001	POLE BASE, TYPE 3	7.00	EACH
△ 834005	POLE BASE, TYPE 4A	21.00	EACH
835002	CABINET BASE TYPE M	1.00	EACH
△ 835003	CABINET BASE TYPE P	5.00	EACH

DELAWARE DEPARTMENT OF TRANSPORTATION

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FROM LIBRARY AVENUE TO W. MAIN/NEW LONDON ROAD

COMMENTS:

SEE CONSTRUCTION PLANS  
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MATERIAL ESTIMATE FOR LOCATION 1

△ 841001	FURNISH AND INSTALL WEATHERHEAD, UP TO 3", ON STEEL POLE	5.00	EACH
△ 846001	FURNISH AND INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT	1,970.00	L.F.
905001	SILT FENCE	26.00	L.F.
905004	INLET SEDIMENT CONTROL, DRAINAGE INLET	1.00	EACH
905005	INLET SEDIMENT CONTROL, CURB INLET	87.00	EACH
908004	TOPSOIL, 6" DEPTH	300.00	S.Y.
908014	PERMANENT GRASS SEEDING, DRY GROUND	300.00	S.Y.
911000	PLANTINGS	1.00	L.S.
911503	SOIL CELL	731.00	S.F.

DELAWARE DEPARTMENT OF TRANSPORTATION

CONTRACT T201606114

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CANAL MAIN STREET NEWARK REHABILITATION AND PEDESTRIAN IMPROVEMENTS

CONTRACT QUANTITIES SUMMARY SHEET

819016	INSTALLATION OF 4" DIAMETER HOLE, LESS THAN OR EQUAL TO 6" DEPTH	42.00	EACH
△ 819018	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGLE SIGN POST	384.00	EACH
819019	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON MULTIPLE SIGN POSTS	12.00	S.F.
819511	PARKING METER POST ASSEMBLY	111.00	EACH
825001	TUBULAR MARKERS	1,062.00	EACH
△ 830001	CONDUIT JUNCTION WELL, TYPE 1, 20" X 20" PRECAST CONCRETE	1.00	EACH
△ 830005	CONDUIT JUNCTION WELL, TYPE 11, PRECAST/POLYMER LID-FRAME	20.00	EACH
△ 830006	CONDUIT JUNCTION WELL, TYPE 14, PRECAST CONCRETE/POLYMER LID-FRAME	5.00	EACH
△ 830008	ADJUST OR REPAIR EXISTING CONDUIT JUNCTION WELL	14.00	EACH
830019	FURNISH AND INSTALL PRECAST POLYMER COVER FOR JUNCTION WELL, TYPE 11	21.00	EACH
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△ 841001	FURNISH AND INSTALL WEATHERHEAD, UP TO 3", ON STEEL POLE	5.00	EACH
△ 846001	FURNISH AND INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT	1,970.00	L.F.
905001	SILT FENCE	26.00	L.F.
905004	INLET SEDIMENT CONTROL, DRAINAGE INLET	1.00	EACH
905005	INLET SEDIMENT CONTROL, CURB INLET	87.00	EACH

△ Addendum No. 4 - Added Items - 830001, 831007, 841001 Deleted Item - 831008  
Revised Quantity Items - 819018, 830005, 830006, 830008, 831002, 831003, 831004, 831006, 834001, 834005, 835003, 846001 (MAB 11/9/18)

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**DELAWARE DEPARTMENT OF TRANSPORTATION**

**CONTRACT T201606114**

**PAGE 22 OF 22**

**CANAL**

**MAIN STREET NEWARK REHABILITATION AND PEDESTRIAN  
IMPROVEMENTS**

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**CONTRACT QUANTITIES SUMMARY SHEET**

908004	TOPSOIL, 6" DEPTH	300.00	S.Y.
908014	PERMANENT GRASS SEEDING, DRY GROUND	300.00	S.Y.
911000	PLANTINGS	1.00	L.S.
911503	SOIL CELL	731.00	S.F.

\*\* DENOTES FIXED PRICE ITEM

GENERAL NOTES

1. THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS", DATED AUGUST 2016 AND THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD CONSTRUCTION DETAILS", DATED 2014, INCLUDING ALL REVISIONS UP TO THE DATE OF ADVERTISEMENT.
2. 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.
( )	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.

3. 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)

PROJECT NOTES

SECTION 100

1. 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.
2. THE CONTRACTOR WILL CONTACT THE DELAWARE TMC AT 302-659-4600 PRIOR TO ANY UNMANNED AIRCRAFT VEHICLE (UAV) FLIGHTS. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE THE FOLLOWING INFORMATION: THE REGISTRATION NUMBER OF THE UAV, THE FLIGHT TIME, LOCATION OF THE FLIGHT, THE PILOT'S NAME AND THE PILOT'S CONTACT NUMBER DURING THE FLIGHT.

SECTION 200

3. ITEMS TO BE REMOVED UNDER ITEM 211000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
- a. TRAFFIC SIGNAL POLES
  - b. PEDESTRIAN SIGNAL POLES
  - c. PARKING METERS
  - d. SLOT DRAINS\TRENCH DRAINS
  - e. SIGNAL CABINETS
  - f. WASTE/RECYCLING CONCRETE SLABS
  - g. RETAINING WALLS

SECTION 400

4. THE PAVEMENT SECTION FOR FLEXIBLE PAVEMENT RESIDENTIAL DRIVEWAYS SHALL BE 2" BITUMINOUS CONCRETE, TYPE 'C' OVER 8" GRADED AGGREGATE BASE COURSE, TYPE 'B', UNLESS OTHERWISE NOTED ON THE PLANS

SECTION 600

5. DRAINAGE INLET GRATES ADJACENT TO THE ROAD, WITHIN THE PROJECT LIMITS, WHICH ARE NOT TYPE 1 OR TYPE 4, 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 602100 - REPLACING DRAINAGE INLET GRATE(S). FINAL PAYMENT FOR REPLACED GRATES/FRAMES SHALL NOT BE MADE UNTIL RECEIPT OF DELIVERED MATERIALS IS PRODUCED, SIGNED BY A DELDOT MAINTENANCE YARD SUPERVISOR.
6. 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.

SECTION 700

7. 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.
8. WHERE PROPOSED CONCRETE SIDEWALK IS CONSTRUCTED TO MEET EXISTING SIDEWALK, THE EXISTING SIDEWALK SHALL BE SAWCUT AT THE TIE-IN POINT OR MEET THE NEAREST EXISTING SIDEWALK JOINT. ALL SAW CUTTING SHALL BE FULL DEPTH, UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM 762001 - SAW CUTTING, CONCRETE, FULL DEPTH.
9. PORTLAND CEMENT CONCRETE CHANNELIZING ISLANDS THAT ARE LESS THAN 75 SQ FT MAY BE POURED MONOLITHICALLY, OR AS DIRECTED BY THE ENGINEER.
10. 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.
11. CITY OF NEWARK DEPARTMENT OF PUBLIC WORKS AND WATER SERVICES SHALL SUPPLY AND THE STATE'S CONTRACTOR SHALL INSTALL NEW SELF SEALING MANHOLE FRAMES AND COVERS ON ALL CITY SEWER MANHOLES THAT ARE NOT BEING RELOCATED, WITHIN THE PROJECT LIMITS IN ACCORDANCE WITH THE CITY'S STANDARD SPECIFICATIONS. THE EXISTING MANHOLE FRAMES AND COVERS THAT ARE REMOVED SHALL BECOME THE PROPERTY OF THE STATE'S CONTRACTOR. PAYMENT SHALL BE INCIDENTAL TO ITEM 711500 - ADJUST AND REPAIR EXISTING SANITARY MANHOLE.

SECTION 900

12. 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 NOIIS KEPT ON FILE IN EACH OF THE CONSTRUCTION OFFICES AND THE DEPARTMENT'S STORMWATER 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.

MISCELLANEOUS

13. THE CONTRACTOR SHALL CONTACT THE CHIEF OF SCHEDULING FOR DART FIRST STATE, 14 DAYS TO THE START OF CONSTRUCTION AT 302-576-6191 OR BY EMAIL NOTIFICATION TO DOT\_DETOUR@STATE.DE.US
14. THE USAGE OF VIBRATORY ROLLERS IS NOT PERMITTED ON THIS PROJECT.
15. SIDEWALK SHALL BE REPAIRED WHERE PARKING METER POLES ARE REMOVED. THE SIDEWALK IN THE AREA SHOULD BE REMOVED FROM JOINT TO JOINT AND REPLACED WITH NEW SIDEWALK. SIDEWALK REMOVAL WILL BE INCIDENTAL TO 211000 - REMOVAL OF STRUCTURE AND OBSTRUCTIONS. REPLACEMENT SIDEWALK WILL BE PAID UNDER ITEM 705001 - PCC SIDEWALK 4" OR ITEM 705504 - BRICK AND/OR BLOCK SIDEWALK.
16. CITY OF NEWARK WILL BE RESPONSIBLE FOR THE REMOVAL & RESETING OF TRASH CANS AND BIKE RACKS ALONG MAIN STREET. THE CONTRACTOR SHALL CONTACT CITY OF NEWARK, PUBLIC WORKS AND WATER RESOURCES DEPARTMENT NO LESS THAN 48 HOURS IN ADVANCE TO COORDINATE THE REMOVAL OF EXISTING BIKE RACKS AND TRASH CANS.
17. PARKING METER POSTS TO BE INSTALLED BY CONTRACTOR. THE CONTRACTOR SHALL CONTACT CITY OF NEWARK, PUBLIC WORKS DEPARTMENT NO LESS THAN 48 HOURS IN ADVANCE TO COORDINATE THE INSTALLATION OF ALL NEW PARKING METERS ALONG MAIN ST. REFER TO CITY OF NEWARK PARKING METER DETAIL ON SHEET DT-03 AND SINGING & STRIPING PLANS FOR LOCATIONS.

18. THE CONTRACTOR SHALL ANTICIPATE RELOCATION OF SEWER AND WATER MAIN LATERALS AS A RESULT OF POTENTIAL CONFLICTS, RELOCATION IS PAID FOR BY ITEM 711001 AND 710001.
19. ANY MULCHED, LANDSCAPED AREAS THAT ARE DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED IN KIND. ANY COSTS ASSOCIATED WITH THIS MULCHING WILL BE INCIDENTAL TO ITEM 911000 - PLANTINGS.

⚠ 20. ANY PUMPING/DEWATERING REQUIRED ON THIS PROJECT WILL BE INCIDENTAL TO ITEM 211001 - REMOVAL OF PORTLAND CEMENT CONCRETE PAVEMENT, CURB, AND SIDEWALK. ALL PUMPING/DEWATERING OPERATIONS SHALL CONFIRM TO SECTION 902 - PUMPING OPERATIONS OF DELDOT STANDARD SPECIFICATIONS.


⚠ 21. CONTRACTOR IS REQUIRED TO USE ENGINEERING CONTROLS SUCH AS VACUUM DUST COLLECTION SYSTEMS AND WATER-DELIVERY SYSTEMS TO LIMIT EXPOSURE TO RESPIRABLE SILICA DUST. PAYMENT FOR ENGINEERING CONTROLS FOR SAWCUTTING WILL BE INCIDENTAL TO ITEM 762001.

EARTHWORK SUMMARY

EXCAVATION	
EXCAVATION FROM CROSS-SECTIONS	2184 C.Y.
ROCK EXCAVATION FOR ROADWAY AND TRENCHES	0 C.Y.
TOPSOIL STRIPPING	0 C.Y.
STRUCTURAL EXCAVATION	1819 C.Y.
TOTAL EXCAVATION	4003 C.Y.
EXCAVATION AVAILABLE FOR EMBANKMENT	
EXCAVATION MEETING BORROW TYPE "A"	0 C.Y.
EXCAVATION MEETING BORROW TYPE "F"	0 C.Y.
EXCAVATION MEETING TOPSOIL	0 C.Y.
EMBANKMENT REQUIREMENTS	
BORROW TYPE "A" (INCLUDING UNDERCUT)	97 C.Y.
STRUCTURAL BACKFILL (BORROW, TYPE B)	1731 C.Y.
BORROW TYPE "C"	273 C.Y.
TOPSOIL	300 C.Y.
MATERIAL BALANCE ("+"=EXCESS, "-"=NEED)	
BORROW TYPE "A"	-97 C.Y.
STRUCTURAL BACKFILL (BORROW, TYPE B)	-1731 C.Y.
BORROW TYPE "C"	-273 C.Y.
TOPSOIL	-300 C.Y.
UNSUITABLE MATERIAL	4003 C.Y.

NOTES:

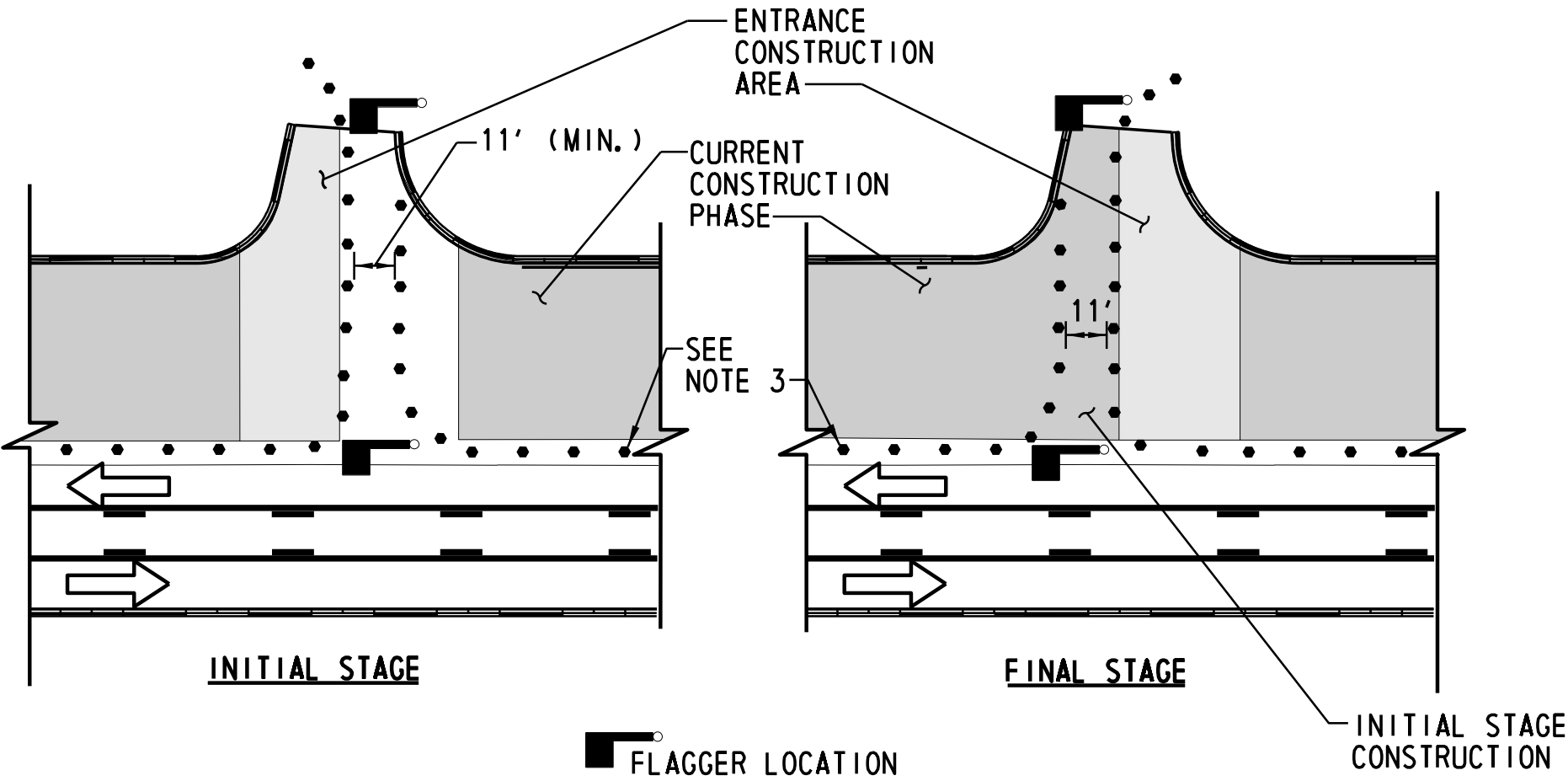
1. THE VALUES LISTED IN THE EARTHWORK SUMMARY ARE APPROXIMATE AND ARE NOT TO BE USED AS A BASIS OF PAYMENT. THE EARTHWORK SUMMARY IS CONSIDERED FOR INFORMATIONAL PURPOSES ONLY.
2. OTHER SOURCES OF EXCAVATION MAY INCLUDE PIPE TRENCH EXCAVATION, STRUCTURE EXCAVATION, UNDERCUT EXCAVATION, MAINTENANCE OF TRAFFIC EXCAVATION, ETC.
3. UNSUITABLE MATERIALS INCLUDE UNDERCUT SOILS, BITUMINOUS PAVEMENT, ETC.

 DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS		NOT TO SCALE	MAIN STREET NEWARK REHABILITATION AND PEDESTRIAN IMPROVEMENTS	CONTRACT	BRIDGE NO.	N/A	NOTES	SHEET NO.	
	⚠ ADDED NOTES 20 AND 21 11-8-18 GRP				T201606114	DESIGNED BY: JAG			4	
					COUNTY				TOTAL SHTS.	
					NEW CASTLE	CHECKED BY: GRP			190	



LANE CLOSURE AND OTHER RESTRICTIONS:

- PROJECT SPECIFIC MOT NOTES:



NOTES:

- CS-02