



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

JENNIFER COHAN  
SECRETARY

**VIA OVERNIGHT DELIVERY**

October 11, 2018

Contract No. T201200104.01  
Federal Aid Project No. ENHS-2014(13)  
HEP NCC US40 and SR7 Intersection Improvements  
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. The following Bid Pages have been revised and replaced: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 and 11.

The following Item Numbers have quantity changes: 301001, 301002, 401029, 401030, 401031, 701019, 702000, 705002 and 762000. Also, Item Number 202000 has changed from a fixed price, to a fixed quantity.

3. Plan Sheet 10 has been revised and replaced.
4. Expedite File Disc, Amendments No. 1.

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 T201200104.01

FEDERAL AID PROJECT NO. ENHS-2014(13)

CFDA NO. 20.205

HEP NCC US40 and SR7 Intersection Improvements

New Castle County

ADVERTISEMENT DATE: September 24, 2018

COMPLETION TIME: 117 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 23, 2018**

DELAWARE DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF ITEMS

PAGE: 1  
 DATE:

CONTRACT ID: T201200104.01 PROJECT(S): ENHS-2014(13)

All figures must be typewritten.

CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS

SECTION 0001 FIXED QUANTITY

0010	202000 EXCAVATION AND EMBANKMENT	814.000 CY				
	SECTION 0001 TOTAL					

SECTION 0002 SIDEWALK AND PEDESTRIAN IMPROVEMENTS

0020	201000 CLEARING AND GRUBBING	LUMP	LUMP			
0030	207000 STRUCTURAL EXCAVATION	366.000 CY				
0040	209006 BORROW, TYPE F	121.000 CY				
0050	211000 REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP	LUMP			
0060	211001 REMOVAL OF PORTLAND CEMENT CONCRETE PAVEMENT, CURB AND SIDEWALK	704.000 SY				
0070	301001 GRADED AGGREGATE BASE COURSE, TYPE B	529.000 CY				

DELAWARE DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF ITEMS

PAGE: 2  
 DATE:

CONTRACT ID: T201200104.01 PROJECT(S): ENHS-2014(13)

All figures must be typewritten.

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

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0080	301002 GRADED AGGREGATE BASE COURSE, TYPE B, PATCHING	66.000 CY				
0090	401005 SUPERPAVE TYPE C, PG 64-22 (CARBONATE STONE)	214.000 TON				
0100	401007 SUPERPAVE TYPE C, PG 76-22 (CARBONATE STONE)	39.000 TON				
0110	401016 SUPERPAVE TYPE B, PG 76-22	60.000 TON				
0120	401021 SUPERPAVE TYPE BCBC, PG 64-22	58.000 TON				
0130	401029 SUPERPAVE TYPE C, PG 64-22, PATCHING	32.000 TON				
0140	401030 SUPERPAVE TYPE B, PG 64-22, PATCHING	35.000 TON				
0150	401031 SUPERPAVE TYPE BCBC, PG 64-22, PATCHING	35.000 TON				
0160	501001 PORTLAND CEMENT CONCRETE PAVEMENT, 8"	4.000 SY				
0170	501526 PATTERNED PORTLAN CEMENT CONCRETE, 8"	1225.000 SF				

DELAWARE DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF ITEMS

PAGE: 3  
 DATE:

CONTRACT ID: T201200104.01 PROJECT(S): ENHS-2014(13)

All figures must be typewritten.

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

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0180	601012 REINFORCED CONCRETE PIPE, 18", CLASS III	269.000 LF				
0190	601014 REINFORCED CONCRETE PIPE, 24", CLASS III	45.000 LF				
0200	601019 REINFORCED CONCRETE PIPE, 42", CLASS III	30.000 LF				
0210	601149 REINFORCED CONCRETE FLARED END SECTION, 42"	1.000 EACH				
0220	602003 DRAINAGE INLET, 34" X 24"	4.000 EACH				
0230	602005 DRAINAGE INLET, 48" X 48"	1.000 EACH				
0240	602006 DRAINAGE INLET, 66" X 30"	1.000 EACH				
0250	602012 DRAINAGE INLET, SPECIAL	2.000 EACH				
0260	602130 ADJUSTING AND REPAIRING EXISTING DRAINAGE INLET	4.000 EACH				
0270	602132 ADJUSTING AND REPAIRING EXISTING MANHOLE	1.000 EACH				

DELAWARE DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF ITEMS

PAGE: 4  
 DATE:

CONTRACT ID: T201200104.01 PROJECT(S): ENHS-2014(13)

All figures must be typewritten.

CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0280	602502 CONVERTING EXISTING CATCH BASIN TO MANHOLE	4.000 EACH				
0290	611001 BAR REINFORCEMENT, EPOXY COATED	384.000 LB				
0300	701012 PORTLAND CEMENT CONCRETE CURB, TYPE 1-6	15.000 LF				
0310	701017 INTEGRAL PORTLAND CEMENT CONCRETE CURB AND GUTTER, TYPE 1-6	1112.000 LF				
0320	701019 INTEGRAL PORTLAND CEMENT CONCRETE CURB AND GUTTER, TYPE 2	186.000 LF				
0330	701022 INTEGRAL PORTLAND CEMENT CONCRETE CURB AND GUTTER, TYPE 3-6	145.000 LF				
0340	702000 TRIANGULAR CHANNELIZING ISLANDS	3413.000 SF				
0350	705001 PORTLAND CEMENT CONCRETE SIDEWALK, 4"	5439.000 SF				
0360	705002 PORTLAND CEMENT CONCRETE SIDEWALK, 6"	482.000 SF				
0370	705005 PORTLAND CEMENT CONCRETE SIDEWALK, 8"	397.000 SF				

DELAWARE DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF ITEMS

PAGE: 5  
 DATE:

CONTRACT ID: T201200104.01 PROJECT(S): ENHS-2014(13)

All figures must be typewritten.

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

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0380	705007 SIDEWALK SURFACE  DETECTABLE WARNING  SYSTEM	    SF	  386.000	 	 	 
0390	705011 CURB RAMP	  SF	4080.000			
0400	707001 RIPRAP, R-4	  SY	22.000			
0410	708003 GEOTEXTILES,  RIPRAP	  SY	22.000			
0420	711500 ADJUST AND REPAIR  EXISTING SANITARY  MANHOLE	  EACH	8.000			
0430	762000 SAW CUTTING,  BITUMINOUS CONCRETE	  LF	1161.000			
0440	762001 SAW CUTTING,  CONCRETE, FULL DEPTH	  LF	73.000			
0450	763000 INITIAL  EXPENSE/DE-MOBILIZATION	LUMP		LUMP		
0460	763501 CONSTRUCTION  ENGINEERING	LUMP		LUMP		
0470	763598 FIELD OFFICE,  SPECIAL I	EAMO	4.000			

DELAWARE DEPARTMENT OF TRANSPORTATION  
SCHEDULE OF ITEMS

PAGE: 6  
DATE:

CONTRACT ID: T201200104.01 PROJECT(S): ENHS-2014(13)

All figures must be typewritten.

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

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0480	801000 MAINTENANCE OF TRAFFIC	LUMP	LUMP			
0490	802003 ARROW PANELS TYPE C	200.000 EADY				
0500	803001 FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	72.000 EADY				
0510	804001 FURNISH AND MAINTAIN PORTABLE LIGHT ASSEMBLY (FLOOD LIGHTS)	2571.000 EADY				
0520	805001 PLASTIC DRUMS	11646.000 EADY				
0530	806001 TRAFFIC OFFICERS	150.000 HOUR	75.00000		11250.00	
0540	808001 FURNISH AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE I	261.000 EADY				
0550	810001 TEMPORARY WARNING SIGNS AND PLAQUES	7411.000 EADY				
0560	811001 FLAGGER, NEW CASTLE COUNTY STATE	656.000 HOUR				
0570	811013 FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	131.000 HOUR				



DELAWARE DEPARTMENT OF TRANSPORTATION  
SCHEDULE OF ITEMS

PAGE: 7  
DATE:

CONTRACT ID: T201200104.01 PROJECT(S): ENHS-2014(13)

All figures must be typewritten.

CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0580	813001 TEMPORARY BARRICADES, TYPE III	13386.000 LFDY				
0590	817002 PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND, ALKYD-THERMOPLASTIC	4932.000 SF				
0600	817013 PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	1978.000 LF				
0610	817015 PREFORMED RETROREFLECTIVE THERMOPLASTIC MARKINGS, BIKE SYMBOL	11.000 EACH				
0620	817031 REMOVAL OF PAVEMENT STRIPING	1989.000 SF				
0630	819016 INSTALLATION OF 4" DIAMETER HOLE, LESS THAN OR EQUAL TO 6" DEPTH	2.000 EACH				
0640	819018 INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGLE SIGN POST	59.000 EACH				
0650	819019 INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON MULTIPLE SIGN POSTS	26.000 SF				
0660	830001 CONDUIT JUNCTION WELL, TYPE 1, 20" X 20" PRECAST CONCRETE	1.000 EACH				

DELAWARE DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF ITEMS

PAGE: 8  
 DATE:

CONTRACT ID: T201200104.01 PROJECT(S): ENHS-2014(13)

All figures must be typewritten.

CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0670	830002 CONDUIT JUNCTION WELL, TYPE 4, 20" X   42-1/2" PRECAST CONCRETE	 2.000   EACH				
0680	830003 CONDUIT JUNCTION WELL, TYPE 5, 24" X 16"   PRECAST CONCRETE	 2.000   EACH				
0690	830004 CONDUIT JUNCTION WELL, TYPE 7, 36" X 60"   PRECAST POLYMER CONCRETE	 1.000   EACH				
0700	830005 CONDUIT JUNCTION WELL, TYPE 11,   PRECAST/POLYMER   LID-FRAME	 16.000   EACH				
0710	830006 CONDUIT JUNCTION WELL, TYPE 14, PRECAST   CONCRETE/POLYMER   LID-FRAME	 3.000   EACH				
0720	830008 ADJUST OR REPAIR EXISTING CONDUIT   JUNCTION WELL	 8.000   EACH				
0730	831002 FURNISH AND INSTALL UP TO 4" SCHEDULE   80 HDPE CONDUIT (BORE)	 3240.000   LF				
0740	831003 FURNISH AND INSTALL UP TO 4"   SCHEDULE 80 PVC CONDUIT   (OPEN CUT)	 265.000   LF				
0750	831004 FURNISH AND INSTALL UP TO 4"   SCHEDULE 80 PVC CONDUIT   (TRENCH)	 2060.000   LF				

DELAWARE DEPARTMENT OF TRANSPORTATION  
SCHEDULE OF ITEMS

PAGE: 9  
DATE:

CONTRACT ID: T201200104.01 PROJECT(S): ENHS-2014(13)

All figures must be typewritten.

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

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0760	831006 FURNISH AND INSTALL UP TO 4"   GALVANIZED STEEL CONDUIT   LF   (TRENCH)	165.000				
0770	832006 FURNISH AND INSTALL 1-CONDUCTOR #2   AWG STRANDED COPPER,   TYPE USE-2	220.000				
0780	832008 FURNISH AND INSTALL 1-CONDUCTOR #6   STRANDED COPPER, TYPE   USE-2	2880.000				
0790	832028 FURNISH AND INSTALL #6 BARE STRANDED   COPPER GROUND WIRE   LF	1260.000				
0800	833001 BONDING AND GROUTING EXISTING   JUNCTION WELL   EACH	10.000				
0810	834002 POLE BASE, TYPE 3A   EACH	7.000				
0820	834005 POLE BASE, TYPE 4A   EACH	11.000				
0830	834006 POLE BASE, TYPE 6   EACH	7.000				
0840	834007 POLE BASE EXTENSION   CF	92.000				
0850	835002 CABINET BASE TYPE M   EACH	1.000				

DELAWARE DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF ITEMS

PAGE: 10  
 DATE:

CONTRACT ID: T201200104.01 PROJECT(S): ENHS-2014(13)

All figures must be typewritten.

CONTRACTOR :

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0860	835003 CABINET BASE TYPE P	2.000 EACH				
0870	836004 REMOVE STEEL POLE (EQUAL TO OR GREATER THAN 17 FEET AND LESS THAN 40 FEET)	3.000 EACH				
0880	842004 ELECTRIC SERVICE ON PEDESTAL WITH SERVICE RISER	1.000 EACH				
0890	846001 FURNISH AND INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT	2470.000 LF				
0900	847004 LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE (120/240;100 AMP)	1.000 EACH				
0910	851003 ALUMINUM LIGHTING STANDARD WITH SINGLE DAVIT ARM, 40' POLE	4.000 EACH				
0920	851007 RELOCATED EXISTING LIGHT STANDARD	3.000 EACH				
0930	905001 SILT FENCE	2201.000 LF				
0940	905004 INLET SEDIMENT CONTROL, DRAINAGE INLET	38.000 EACH				

DELAWARE DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF ITEMS

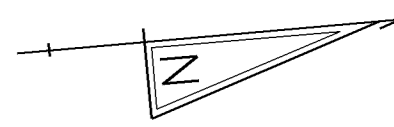
PAGE: 11  
 DATE:

CONTRACT ID: T201200104.01 PROJECT(S): ENHS-2014(13)

All figures must be typewritten.

CONTRACTOR :

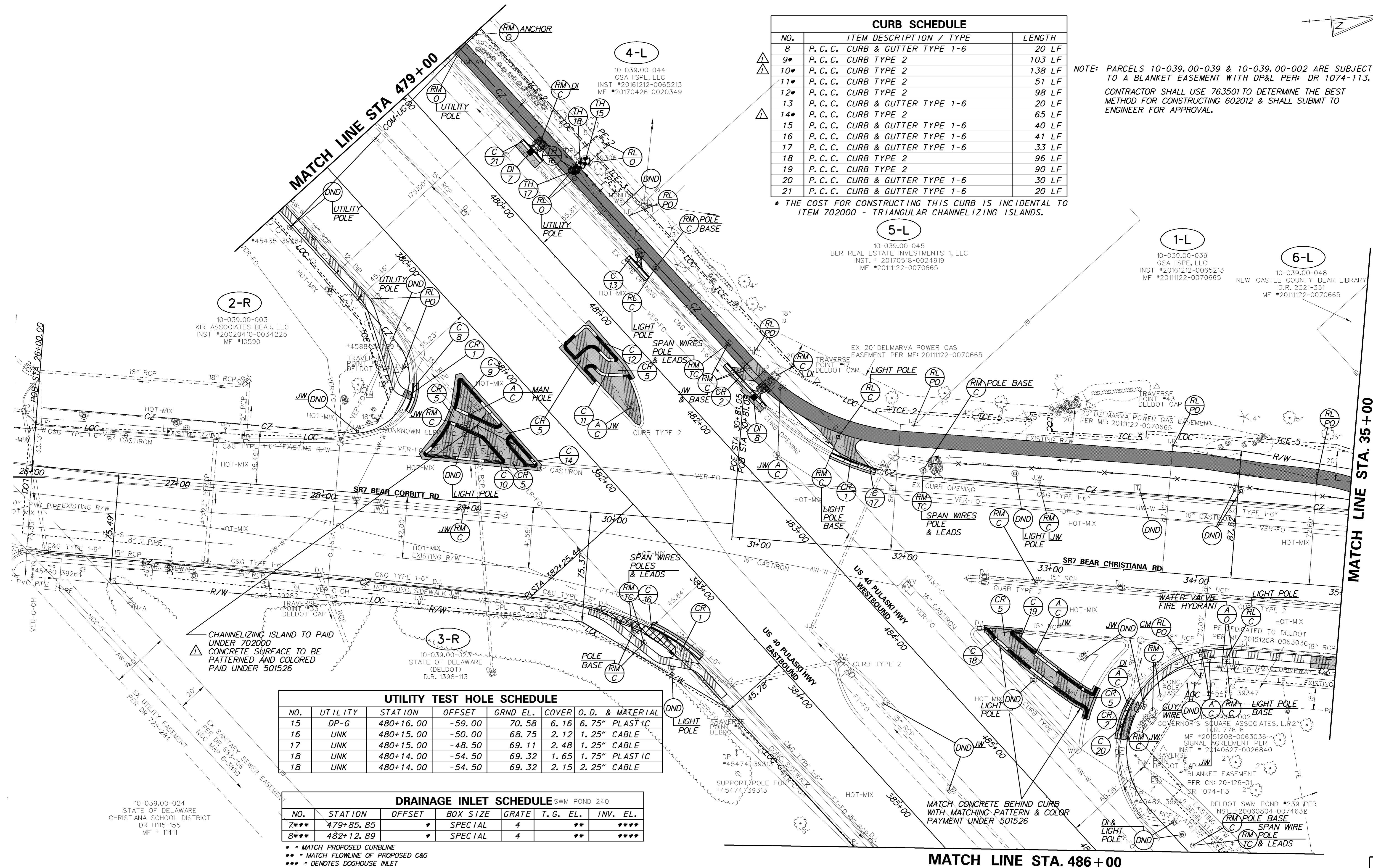
LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0950	907017 COMPOST FILTER LOGS	25.000 LF				
0960	908004 TOPSOIL, 6" DEPTH	5092.000 SY				
0970	908014 PERMANENT GRASS SEEDING, DRY GROUND	5092.000 SY				
0980	908020 EROSION CONTROL BLANKET MULCH	174.000 SY				
	SECTION 0002 TOTAL					
	TOTAL BID					



CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
8	P.C.C. CURB & GUTTER TYPE 1-6	20 LF
9*	P.C.C. CURB TYPE 2	103 LF
10*	P.C.C. CURB TYPE 2	138 LF
11*	P.C.C. CURB TYPE 2	51 LF
12*	P.C.C. CURB TYPE 2	98 LF
13	P.C.C. CURB & GUTTER TYPE 1-6	20 LF
14*	P.C.C. CURB TYPE 2	65 LF
15	P.C.C. CURB & GUTTER TYPE 1-6	40 LF
16	P.C.C. CURB & GUTTER TYPE 1-6	41 LF
17	P.C.C. CURB & GUTTER TYPE 1-6	33 LF
18	P.C.C. CURB TYPE 2	96 LF
19	P.C.C. CURB TYPE 2	90 LF
20	P.C.C. CURB & GUTTER TYPE 1-6	30 LF
21	P.C.C. CURB & GUTTER TYPE 1-6	20 LF

NOTE: PARCELS 10-039.00-039 & 10-039.00-002 ARE SUBJECT TO A BLANKET EASEMENT WITH DP&L PER: DR 1074-113.  
 CONTRACTOR SHALL USE 763501 TO DETERMINE THE BEST METHOD FOR CONSTRUCTING 602012 & SHALL SUBMIT TO ENGINEER FOR APPROVAL.

\* THE COST FOR CONSTRUCTING THIS CURB IS INCIDENTAL TO ITEM 702000 - TRIANGULAR CHANNELIZING ISLANDS.



UTILITY TEST HOLE SCHEDULE						
NO.	UTILITY	STATION	OFFSET	GRND EL.	COVER	O.D. & MATERIAL
15	DP-G	480+16.00	-59.00	70.58	6.16	6.75" PLASTIC
16	UNK	480+15.00	-50.00	68.75	2.12	1.25" CABLE
17	UNK	480+15.00	-48.50	69.11	2.48	1.25" CABLE
18	UNK	480+14.00	-54.50	69.32	1.65	1.75" PLASTIC
18	UNK	480+14.00	-54.50	69.32	2.15	2.25" CABLE

DRAINAGE INLET SCHEDULE SWM POND 240						
NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.	INV. EL.
7***	479+85.85	*	SPECIAL	4	**	****
8***	482+12.89	*	SPECIAL	4	**	****

\* = MATCH PROPOSED CURBLINE  
 \*\* = MATCH FLOWLINE OF PROPOSED C&G  
 \*\*\* = DENOTES DOGHOUSE INLET  
 \*\*\*\* = CONTRACTOR SHALL FIELD VERIFY INV. ELEVATIONS

CHANNELIZING ISLAND TO PAID UNDER 702000  
 CONCRETE SURFACE TO BE PATTERNED AND COLORED  
 PAID UNDER 501526

MATCH LINE STA. 486+00