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County Auditor's Form 1258B Harris County, Texas (REV. 09/03)

CHANGE IN CONTRACT COUNTY OF HARRIS

Change Order No 20/0136-2 10.07.2021 Date Louetta Bridge at Little Cypress Creek (Seg 2) Project ANGEL BROTHERS ENTERPRISES LTD Contractor 20/0136 ma Texas Materials Group, Inc. 5210 WEST RD, , BAYTOWN, TX 77521-Address 9022 18103MF0RY01 HCM14-00000 HCNTY-0000015969 UPIN Purchase Order No.

40418 mg

In conjunction with your contract dated for the construction of the above mentioned project, the work or material outlined below was not comprehended in the original contract, or the following deduction is desired.

When this order has been properly filled in, and approved, Contractor will proceed to do this work in accordance with the alteration set out below.

I have examined the Contractor's charge for the work to be done and it is fair and reasonable.

10/11/2021

Junifer Almonte BD35576870604FD_Architect/Engineer

Contractor is to include detailed receipted invoices and payrolls when billing on all cost-plus extras.

THE CONTRACT IS CHANGED AS FOLLOWS:

Additions include: Raising headwall, pedestrian railing, lowering outfall, adding inlet, various overruns. All work on Pct 4 side, CIC to be reimbursed to Pct 3 by Pct 4 per joint project agreement.

100	We de la marche de	ESTIMATE OF COST		
The second se	UNIT	QUANTITY	UNIT COST	TOTAL
Total Change Amount (See backup for details)				\$196,204.86
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Calendar Days	Days	18	N/A	
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TOTAL ADDED TO CONTRACT				\$196,204.86
TOTAL DEDUCTED FROM		In the second		\$.00

Funds are or will be available to meet this obligation when due.

Approved		Approved	Beckann	mit 11-1-21
	County Auditor		DocuSigned by: Precinct	Commissioner or Department Head
Basis and Work	Agroead Discusigned by:	Approved	Julia Bond	10/11/2021
Signed	Jason L. Bercaw	Authorized in M	ICB700838E14418	Office of the County Engineer
Auditor's File Nu	Der 2417D6F4BBAF4B0 For the Contractor	Vol	Page	

Original to Contractor, one copy to County Engineer, one copy to Purchasing Department, two copies to Auditor

PCO - 17

Associated with RFI#

Justification: Add inlet on back side of residential property, within ROW, to capture water. Tie into trunk line. Regrade area to drain to new inlet. Regrade south headwall area to drain to interceptor.

Item #	Description	Change Quantity	Unit Cost	Unit of Measure	Change Amount
001	PROJECT SIGN	.000	\$750.00	EA	\$.00
002	CLEARING AND GRUBBING (ROADWAY)	.000	\$560,000.00	LS	\$.00
003	CLEARING AND GRUBBING (DETENTION)	.000	\$50,000.00	LS	\$.00
004	REMOVING CONCRETE (6" DOWELED CURB)	.000	\$1.00	LF	\$.00
005	REMOVING CONCRETE PAVEMENT	.000	\$38.00	SY	\$.00
	REMOVE AND DISPOSE OF CONCRETE PAVEMENT,				
006	CURB, MEDIAN, SIDEWALK AND RAMP (ALL DEPTHS)	.000	\$22.00	SY	\$.00
007	ROADWAY EXCAVATION, INCLUDING 3" STRIPPING	.000	\$16.00	CY	\$.00
008	CHANNEL EXCAVATION UNDER BRIDGE	.000	\$13.00	CY	\$.00
009	DETENTION BASIN EXCAVATION, INCLUDING 3" STRIPPING	.000	\$9.50	CY	\$.00
010	BORROW	.000	\$11.50	CY	\$.00
011	REMOVE AND DISPOSE OF EXISTING CONCRETE OR METAL PIPE (ALL TYPES AND SIZES)	.000	\$6.50	LF	\$.00
012	REMOVING OLD STRUCTURES, MANHOLES (ALL DEPTHS)	.000	\$475.00	EA	\$.00
013	REMOVING OLD STRUCTURES, INLETS (ALL DEPTHS)	.000	\$475.00	EA	\$.00
014	REMOVING OLD STRUCTURES, BACKSLOPE INTERCEPTOR STRUCTURES (ALL DEPTHS)	.000	\$330.00	EA	\$.00
015	REMOVING OLD STRUCTURES (HEADWALL)	.000	\$2,950.00	EA	\$.00
016	REMOVE & RELOCATE OR DISPOSE OF TRAFFIC SIGNS, MAIL BOXES AND ROADWAY SIGNS	.000	\$55.00	EA	\$.00
017	VIDEO RECORDING CONSTRUCTION	.000	\$500.00	LS	\$.00
018	LIME (3%) (ROADWAY)	.000	\$185.00	TN	\$.00
019	LIME (3%) (PEDESTRIAN TRAIL)	.000	\$185.00	TN	\$.00
020	MANIPULATION OF LIME-FLYASH STABILIZED SUBGRADE - 8" DEPTH (3% LIME AND 9% FLYASH) (ROADWAY)	.000	\$3.00	SY	\$.00
021	MANIPULATION OF LIME-FLYASH STABILIZED SUBGRADE - 6" DEPTH (3% LIME AND 9% FLYASH) (PEDESTRIAN TRAIL)	.000	\$8.00	SY	\$.00
022	FLYASH (9%) (ROADWAY)	.000	\$88.00	TN	\$.00
023	FLYASH (9%) (PEDESTRIAN TRAIL)	.000	\$88.00	TN	\$.00
024	REINFORCED CONCRETE PAVEMENT (10" DEPTH)	.000	\$54.40	SY	\$.00
025	REINFORCED CONCRETE PAVEMENT (PEDESTRIAN TRAIL)(5" DEPTH)	.000	\$64.00	SY	\$.00
026	FLEX BEAM GUARD RAIL, W/MOW STRIP	.000	\$63.00	LF	\$.00
027	FLEX BEAM TURN DOWN TERMINAL SECTION (25' LONG) W/ ANCHOR	.000	\$1,150.00	EA	\$.00
028	6" CONCRETE CURB	.000	\$2.85	LF	\$.00
029	6" CONCRETE CURB (DOWEL)	.000	\$5.75	LF	\$.00
030	FURNISH AND INSTALL TYPE NINE (9) REINFORCED CONCRETE RAMP	.000	\$1,200.00	EA	\$.00
031	FURNISH AND INSTALL TYPE (12) REINFORCED CONCRETE RAMP	.000	\$1,550.00	EA	\$.00
032	FURNISH AND INSTALL 4 1/2" REINFORCED CONCRETE SIDEWALK	.000	\$57.00	SY	\$.00
033	ESPLANADES, MEDIANS, AND DIRECTIONAL ISLANDS (6") CONCRETE	.000	\$90.00	SY	\$.00

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034	COLORING OF CONCRETE (BLACK) IN MEDIAN NOSES	.000	\$160.00	SY	\$.00
035	CONCRETE CHANNEL LINING (5")	.000	\$60.00	SY	\$.00
036	ALUMINUM SIGNS (GROUND MOUNTED) - FURNISH AND INSTALL	.000	\$275.00	EA	\$.00
037	OBJECT MARKERS (GROUND MOUNTED) - FURNISH AND INSTALL	.000	\$170.00	EA	\$.00
038	INSTL DEL ASSM(D-SY)SZ(BRF)GF1	.000	\$55.00	EA	\$.00
039	INSTL DEL ASSM(D-SW)SZ(BRF)GF1	.000	\$55.00	EA	\$.00
040	INSTL DEL ASSM(D-SY)SZ(BRF)GF2	.000	\$55.00	EA	\$.00
041	INSTL DEL ASSM(D-SW)SZ(BRF)GF2	.000	\$55.00	EA	\$.00
042	INSTL DEL ASSM(D-SY)SZ(BRF)CTB	.000	\$55.00	EA	\$.00
043	INSTL DEL ASSM(D-SW)SZ(BRF)CTB	.000	\$55.00	EA	\$.00
044	REFLOCTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) 4" WHITE/BROKEN - FURNISH AND APPLIED	.000	\$1.10	LF	\$.00
045	REFLECTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) 8" WHITE/SOLID - FURNISH AND APPLIED	.000	\$1.60	LF	\$.00
046	REFLECTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) 12" WHITE/SOLID - FURNISH AND APPLIED	.000	\$3.80	LF	\$.00
047	REFLECTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) 24" WHITE/SOLID - FURNISH AND APPLIED	.000	\$7.00	LF	\$.00
048	REFLOCTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) SINGLE ARROW (WHITE) - FURNISH AND APPLIED	.000	\$170.00	EA	\$.00
049	REFLOCTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) WORD "ONLY" (WHITE) - FURNISH AND APPLIED	.000	\$170.00	EA	\$.00
050	PAINT CURB AT MEDIAN NOSE (YELLOW)	.000	\$.80	LF	\$.00
051	TRAFFIC PAINT (SOLVENT BASED) 4" SOLID YELLOW	.000	\$.25	LF	\$.00
	STRIPE				
052	REFLECTORIZED PAVEMENT MARKERS TYPE II-C-R - FURNISH & INSTALL	.000	\$4.50	EA	\$.00
053	NON-REFLECTORIZED CERAMIC TRAFFIC BUTTONS (WHITE) - FURNISH AND INSTALL	.000	\$4.00	EA	\$.00
054	24" CONCRETE COLLAR	.000	\$440.00	СҮ	\$.00
055	TRENCH SAFETY SYSTEMS, 5-10 FOOT DEPTH	.000	\$1.50	LF	\$.00
056	TRENCH SAFETY SYSTEMS, 10-15 FOOT DEPTH	.000	\$2.00	LF	\$.00
057	TIMBER BENT FOR 66-INCH CGMP OUTFALL	.000	\$1,800.00	EA	\$.00
058	TIMBER BENT FOR 54-INCH CGMP OUTFALL REINFORCED CONCRETE PIPE, C76, CLASS III,	.000	\$1,700.00	EA	\$.00
059	RUBBER GASKET (24")	.000	\$78.00	LF	\$.00
060	REINFORCED CONCRETE PIPE, C76, CLASS III, RUBBER GASKET (36")	.000	\$130.00	LF	\$.00
061	REINFORCED CONCRETE PIPE, C76, CLASS III, RUBBER GASKET (42")	.000	\$161.00	LF	\$.00
062	REINFORCED CONCRETE PIPE, C76, CLASS III, RUBBER GASKET (48")	.000	\$179.00	LF	\$.00
063	REINFORCED CONCRETE PIPE, C76, CLASS III, RUBBER GASKET (66")	.000	\$327.00	LF	\$.00
064	CONNECT 24" RCP TO EXIST INLET	.000	\$502.00	EA	\$.00
065	PRECAST STANDARD MANHOLE WITH DEPTH GREATER THAN 5 FEET AND LESS THAN 10 FEET WITH INLET TOP	.000	\$3,000.00	EA	\$.00
066	PRECAST STANDARD MANHOLE WITH DEPTH GREATER THAN 5 FEET AND LESS THAN 10 FEET	.000	\$4,650.00	EA	\$.00
067	PRECAST CONCRETE EXTRA DEPTH JUNCTION BOX	.000	\$7,650.00	EA	\$.00

	11				
	WITH MANHOLE WITH DEPTH GREATER THAN 10				
	FEET				
068	PRECAST TYPE "BB" INLET	.000	\$2,650.00	EA	\$.00
069	PRECAST TYPE "C" INLET	.000	\$4,000.00	EA	\$.00
070	PRECAST TYPE "A" MODIFIED INLET	.000	\$2,500.00	EA	\$.00
071	ADJUSTING MANHOLES	.000	\$465.00	EA	\$.00
072	REINFORCED CONCRETE BOX, C1433 (DEPTHS) -	.000	\$850.00	LF	\$.00
	(10'X10'), RUBBER GASKET				·
073	REINFORCED CONCRETE BOX, C1433 (DEPTHS) -	.000	\$779.00	LF	\$.00
074	(10'X8'), RUBBER GASKET	.000	\$220,000,00	EA	\$.00
074	WINGWALL (PW-1) (HW = 13 FT) WINGWALL (PW-1) (HW = 15 FT)	.000	\$230,000.00 \$208,000.00	EA	\$.00
075	WINGWALL (PW-1) (HW = 15 FT) $WINGWALL (PW-1) (HW = 11.5 FT)$.000	\$73,000.00	EA	\$.00
078	WINGWALL (PW-1) (HW = 11.5 PT) $WINGWALL (FW-0) (HW = 10 FT)$.000	\$36,000.00	EA	\$.00
0//	CCTV INSPECTION OF THE NEW STORM SEWER	.000	\$30,000.00	LA	
078	TRUNKLINE (ALL SIZES)	.000	\$6.00	LF	\$.00
	INSTALLATION OF 24" THICK CLAY LINER ON SIDE				
079	SLOPES OF CHANNEL AND BASIN PER GEOTECH	.000	\$24.50	СҮ	\$.00
	REPORT		Ţ=		÷
080	BACKSLOPE DRAINAGE SYSTEMS SWALES	.000	\$5.75	LF	\$.00
	OFFSITE DITCH INTERCEPTOR STRUCTURE				
081	(INCLUDING CEMENT STABILIZED SAND)	.000	\$1,000.00	EA	\$.00
	REINFORCED CONCRETE PILOT CHANNEL (6" THICK)				
082	(INCLUDING TOE WALLS AND CONTROL	.000	\$59.00	SY	\$.00
	STRUCTURE)				
083	RIPRAP GRADATION NO. 1 AND GRANULAR FILL	.000	\$76.00	SY	\$.00
084	RIPRAP GRADATION NO. 2 AND GRANULAR FILL	.000	\$90.00	SY	\$.00
085	CORREGATED METAL PIPE PRE-COATED	.000	\$90.00	LF	\$.00
005	GALVANIZED, 16 GUAGE (24")	.000			00. پ
086	CORREGATED METAL PIPE PRE-COATED	.000	\$200.00	LF	\$.00
	GALVANIZED, 16 GUAGE (66")	.000	\$200.00		Ç .00
087	CORREGATED METAL PIPE PRE-COATED	.000	\$174.00	LF	\$.00
	GALVANIZED, 16 GUAGE (54")		-		
088	DRILLED SHAFT FOUNDATIONS (18" DIA)	.000	\$84.00	LF	\$.00
089	DRILLED SHAFT FOUNDATIONS (36" DIA)	.000	\$204.00	LF	\$.00
090	DRILLED SHAFT FOUNDATIONS (42" DIA)	.000	\$271.00	LF	\$.00
091	CLASS "B1" CONCRETE, ABUTMENT	.000	\$756.00	СҮ	\$.00
092	CLASS "B1" CONCRETE, COMBINATION PARAPET	.000	\$1,425.00	CY	\$.00
093	CLASS "B1" CONCRETE, CAP	.000	\$755.00	СҮ	\$.00
094	CLASS "B1" CONCRETE, COLUMN	.000	\$804.00	CY SV	\$.00 \$.00
095	CLASS "A1" CONCRETE, APPROACH SLAB CLASS "A1" CONCRETE, BRIDGE CURB	.000	\$174.00	SY SY	\$.00 \$.00
096	CLASS "A1" CONCRETE, BRIDGE CURB CLASS "A1" CONCRETE, BRIDGE SIDEWALK	.000	\$149.00	SY SY	\$.00 \$.00
097	CLASS "A1" CONCRETE, BRIDGE SIDEWALK CLASS "A1" CONCRETE, BRIDGE DECK	.000	\$107.00 \$146.00	SY SY	\$.00
098	PRESTR CONC TXGIRDERS (TX34)	.000	\$146.00	LF	\$.00
100	PRESTR CONC TXGIRDERS (TX34) PRESTR CONC TXGIRDERS (TX54)	.000	\$143.50	LF	\$.00
100	CEMENT STABILZED SAND	.000	\$157.50	CY	\$.00
101	JOINT COVER PLATES	.000	\$15.50	LB	\$.00
102	BRIDGE PLAQUE	.000	\$15.50	EA	\$.00
103	TRAFFIC RAIL	.000	\$76.00	LF	\$.00
104	COMBINATION RAIL	.000	\$122.00	LF	\$.00
105	PEDESTRIAN RAIL	.000	\$83.00		\$.00
100	SEALED EXPANSION JOINT (TYPE M)	.000	\$136.00	LF	\$.00
107	TRAFFIC CONTROL - FURNISH, INSTALL & REMOVE	.000	\$130.00	MO	\$.00
-	SODDING FOR EROSION CONTROL AND FINAL				
109	STABILIZATION	.000	\$3.40	SY	\$.00
	HYDRO-MULCH SEEDING (FOR EROSION CONTROL		4		4
110	AND FINAL STABILIZATION)	.000	\$1,300.00	AC	\$.00
	TPDES GENERAL PERMIT NO. TXR 15000, NOTICE OF	000	6005.00		<u> </u>
111	INTENT (NOI) APPLICATION FEES (CONTRACOR'S	.000	\$325.00	EA	\$.00
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			7	<u> </u>	
	NOI FEE & HARRIS COUNTY'S NOI FEE, EACH FEE SHALL BE SET PRICE OF \$325.00)				
112	REINFORCED FILTER FABRIC BARRIER (60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$1.80	LF	\$.00
113	INLET PROTECTION BARRIER (STAGE I INLETS, WITH REINFORCED FILTER FABRIC FENCE; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$110.00	EA	\$.00
114	STABILIZED CONSTRUCTION ACCESS (TYPE I - ROCK; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$20.00	SY	\$.00
115	CONCRETE TRUCK WASHOUT STRUCTURES (60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$1,600.00	LS	\$.00
116	INLET PROTECTION BARRIER (STAGE II INLETS, GRAVEL BAGS; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$49.00	EA	\$.00
117	ROCK FILTER DAMS (TYPE 3; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$11.00	LF	\$.00
118	SWPPP INSPECTION AND MAINTENANCE (MIN BID \$6000/MO)	.000	\$6,000.00	МО	\$.00
119	FURNISH AND INSTALL 36" DRILLED SHAFT TRAFFIC SIGNAL POLE FOUNDATION FOR 34' POLES, AND ANCHOR BOLTS (USE CLASS B CONCRETE FOR FOUNDATION)	.000	\$272.00	VF	\$.00
120	JACKING AND BORING PIPE, 4"	.000	\$17.00	LF	\$.00
121	FURNISH AND INSTALL SPAN WIRE MOUNTED R10- 17 T "LEFT TURN YIELD ON FLASHING YELLOW ARROW" SIGN (30" X 30")	.000	\$205.00	EA	\$.00
122	FURNISH AND INSTALL "LOUETTA RD" STREET SIGN, DIAMOND GRADE, (D3-1; 18" X 60")	.000	\$255.00	EA	\$.00
123	FURNISH AND INSTALL "STABLEWOOD FARMS RD" STREET SIGN, DIAMOND GRADE, (D3-1; 18" X 114")	.000	\$432.00	EA	\$.00
124	FURNISH AND INSTALL 1" SCHEDULE 40 PVC CONDUIT	.000	\$8.00	LF	\$.00
125	FURNISH AND INSTALL 2" SCHEDULE 40 PVC CONDUIT	.000	\$10.00	LF	\$.00
126	FURNISH AND INSTALL 3" SCHEDULE 40 PVC CONDUIT	.000	\$12.00	LF	\$.00
127	Furnish and Install 3" (BORE) Schedule 40 PVC Conduit	.000	\$16.00	LF	\$.00
128	FURNISH AND INSTALL 4" SCHEDULE 40 PVC CONDUIT	.000	\$14.00	LF	\$.00
129	Furnish and Install 4" (BORE) Schedule 40 PVC Conduit	.000	\$17.00	LF	\$.00
130	FURNISH AND INSTALL 2" RIGID METAL CONDUIT	.000	\$8.00	LF	\$.00
131	FURNISH AND INSTALL #4 AWG, XHHW (STRANDED) WIRE	.000	\$1.50	LF	\$.00
132	FURNISH AND INSTALL #8 AWG, BARE COPPER (SOLID) WIRE WITH GROUNDING HARDWARE	.000	\$.80	LF	\$.00
133	FURNISH AND INSTALL 2/C #14 STRANDED AWG (IMSA 20-1) (STRANDED) CABLE	.000	\$.90	LF	\$.00
134	FURNISH AND INSTALL 2/C #14 STRANDED AWG (IMSA 50-2) (STRANDED) CABLE	.000	\$.80	LF	\$.00
135	FURNISH AND INSTALL 4/C #14 STRANDED AWG (IMSA 20-1) (STRANDED) CABLE	.000	\$1.25	LF	\$.00
136	FURNISH AND INSTALL 7/C #14 STRANDED AWG	.000	\$1.75	LF	\$.00

(IMSA 20-1) (STRANDED) CABLE				<u> </u>
FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE ASSEMBLY (STL) STRAIN POLE	.000	\$6,000.00	EA	\$.00
FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE ASSEMBLY (STL) STRAIN POLE WITH 15' LUMINAIRE ARM AND SHORTING CAP	.000	\$7,200.00	EA	\$.00
FURNISH AND INSTALL POWER SERVICE POLE - TY D (120/240)70(NS)SS(E)SP(O)	.000	\$4,600.00	EA	\$.00
INSTALL STEEL PEDESTAL POLE WITH FOUNDATION	.000	\$1,500.00	EA	\$.00
FURNISH AND INSTALL STEEL PEDESTAL POLE WITH FOUNDATION	.000	\$1,500.00	EA	\$.00
FURNISH AND INSTALL 400 WATT EQUIVALENT LED LUMINAIRE ON 15' ARMS WITH A PHOTOELECTRIC CELL	.000	\$500.00	EA	\$.00
INSTALL ONE-WAY 3-SECTION 12" LED HORIZ SIGNAL HEAD (RYG)	.000	\$550.00	EA	\$.00
INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RFYYG)	.000	\$700.00	EA	\$.00
FURNISH AND INSTALL ONE-WAY 3-SECTION 12" LED HORIZ SIGNAL HEAD (RYG)	.000	\$550.00	EA	\$.00
FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG)	.000	\$700.00	EA	\$.00
FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ. SIGNAL HEAD (RFYYG)	.000	\$700.00	EA	\$.00
FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ. SIGNAL HEAD (RRYG)	.000	\$700.00	EA	\$.00
FURNISH AND INSTALL 48", LED SIGN LIGHT ASSEMBLY WITH "LEFT TURN SIGNAL" SIGN (48"X12")	.000	\$500.00	EA	\$.00
INSTALL LED (AC INPUT VOLTAGE) SINGLE SECTION SYMBOLIC PEDESTRIAN (COUNTDOWN) SIGNAL ASSEMBLY, ALL HARDWARE	.000	\$450.00	EA	\$.00
FURNISH AND INSTALL PEDESTRIAN PUSH BUTTON STATION (RIGHT ARROW, LEFT ARROW, DOUBLE ARROW)	.000	\$250.00	EA	\$.00
INSTALL "COUNTDOWN PEDESTRIAN LED SIGNAL HEAD" W/ PUSH BUTTON AND SIGN	.000	\$700.00	EA	\$.00
FURNISH AND INSTALL "COUNTDOWN PEDESTRIAN LED SIGNAL HEAD" W/ PUSH BUTTON AND SIGN	.000	\$700.00	EA	\$.00
FURNISH AND INSTALL PULL BOX (TYPE D) WITH LID APRON	.000	\$1,000.00	EA	\$.00
FURNISH AND INSTALL GROUND BOX WITH LID AND APRON	.000	\$1,600.00	EA	\$.00
FURNISH AND INSTALL TRAFFIC SIGNAL SYSTEM	.000	\$16,000.00	LS	\$.00
SAWCUT AND INSTALL VEHICLE LOOP DETECTORS, INCLUDING LOOP WIRE	.000	\$9.00	LF	\$.00
FURNISH AND INSTALL GROUND MOUNT ITS CONTROLLER CABINET ASSEMBLY (HC)(HOUSING 3) WITH SIDE MOUNTED BATTERY BACKUP SYSTEM (BBS)	.000	\$34,000.00	EA	\$.00
FURNISH AND INSTALL A REINFORCED CONCRETE FOUNDATION FOR ITS CONTROLLER CABINET (HOUSING 3)	.000	\$2,750.00	EA	\$.00
FURNISH AND INSTALL AN ATC 2071 LCS CONTROLLER UNIT	.000	\$4,000.00	EA	\$.00
TRENCH SAFETY SYSTEM FOR TRENCH EXCAVATIONS FOR SANITARY SEWER FORCE MAIN (5-10 FOOT DEPTH)	.000	\$2.35	LF	\$.00
TRENCH SAFETY SYSTEM FOR TRENCH EXCAVATIONS FOR SANITARY SEWER FORCE MAIN	.000	\$6.25	LF	\$.00
	FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE ASSEMBLY (STL) STRAIN POLE FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE ASSEMBLY (STL) STRAIN POLE WITH 15' LUMINAIRE ARM AND SHORTING CAP FURNISH AND INSTALL POWER SERVICE POLE - TY D (120/240)70(N5)SS(E)SP(0) INSTALL STEEL PEDESTAL POLE WITH FOUNDATION FURNISH AND INSTALL STEEL PEDESTAL POLE WITH FOUNDATION FURNISH AND INSTALL 400 WATT EQUIVALENT LED LUMINAIRE ON 15' ARMS WITH A PHOTOELECTRIC CELL INSTALL ONE-WAY 3-SECTION 12" LED HORIZ SIGNAL HEAD (RYG) FURNISH AND INSTALL ONE-WAY 3-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG) FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG) FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG) FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG) FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG) FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG) FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG) FURNISH AND INSTALL ARE (COUNTDOWN) SIGNAL	FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE .000 ASSEMBLY (STL) STRAIN POLE .000 FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE .000 ASSEMBLY (STL) STRAIN POLE WITH 15' LUMINAIRE .000 ARM AND SHORTING CAP .000 FURNISH AND INSTALL POWER SERVICE POLE - TY D .000 I120/240/70(NS)SS(E)SP(O) .000 INSTALL STEEL PEDESTAL POLE WITH FOUNDATION .000 FURNISH AND INSTALL STEEL PEDESTAL POLE WITH HOUNDATION .000 FURNISH AND INSTALL 400 WATT EQUIVALENT LED .000 INSTALL ONE-WAY 3-SECTION 12" LED HORIZ .000 SIGNAL HEAD (RYG) .000 FURNISH AND INSTALL ONE-WAY 3-SECTION 12" .000 FURNISH AND INSTALL ONE-WAY 3-SECTION 12" .000 FURNISH AND INSTALL ONE-WAY 4-SECTION 12" .000 FURNISH AND INSTALL ABA', LED SIGN LIGHT	FURNISH AND INSTALL 34" TRAFFIC SIGNAL POLE .000 \$6,000.00 ASSEMBLY (STL) STRAIN POLE .000 \$7,200.00 ENNISH AND INSTALL 34" TRAFFIC SIGNAL POLE .000 \$7,200.00 ASSEMBLY (STL) STRAIN POLE WITH 15' LUMINAIRE .000 \$7,200.00 INSTALL STEEL PEDESTAL POLE WITH FOUNDATION .000 \$1,500.00 FURNISH AND INSTALL 34" TRAFFIC SIGNAL POLE .000 \$1,500.00 FURNISH AND INSTALL 400 WATT EQUIVALENT LED .000 \$5,00.00 FURNISH AND INSTALL 400 WATT EQUIVALENT LED .000 \$500.00 CELL .000 \$500.00 \$500.00 FURNISH AND INSTALL ONE-WAY 3-SECTION 12" LED HORIZ .000 \$700.00 SIGNAL HEAD (RYG) .000 \$700.00 \$700.00 FURNISH AND INSTALL ONE-WAY 3-SECTION 12" .000 \$700.00 FURNISH AND INSTALL ONE-WAY 3-SECTION 12" .000 \$700.00 FURNISH AND INSTALL ONE-WAY 4-SECTION 12" .000 \$700.00 FURNISH AND INSTALL ONE-WAY 4-SECTION 12" .000 \$700.00 FURNISH AND INSTALL ONE-WAY 4-SECTION 12" .000 \$700.00 FURNISH AND	FURNISH AND INSTALL 34" TRAFFIC SIGNAL POLE .000 \$6,000.00 EA SSEMBLY (STL) STRAIN POLE .000 \$7,200.00 EA ASSEMBLY (STL) STRAIN POLE .000 \$7,200.00 EA ASSEMBLY (STL) STRAIN POLE .000 \$7,200.00 EA ASSEMBLY (STL) STRAIN POLE WITH SULUMINARE .000 \$4,600.00 EA FURNISH AND INSTALL POWER SERVICE POLE - TY D .000 \$1,500.00 EA FURNISH AND INSTALL STEL POESTAL POLE WITH OUNDATION .000 \$1,500.00 EA FURNISH AND INSTALL STEL POESTAL POLE WITH DUIVALITON .000 \$1,500.00 EA FURNISH AND INSTALL ONE WATT EQUIVALENT LED .0000 \$5500.00 EA FURNISH AND INSTALL ONE-WAY 3-SECTION 12" LED HORIZ .000 \$700.00 EA FURNISH AND INSTALL ONE-WAY 3-SECTION 12" .000 \$700.00 EA FURNISH AND INSTALL ONE-WAY 3-SECTION 12" .000 \$700.00 EA FURNISH AND INSTALL ONE-WAY 3-SECTION 12" .000 \$700.00 EA FURNISH AND INSTALL ONE-WAY 3-SECTION 12" .000 \$700.00 EA

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(10-20 FOOT DEPTH)				
PROPOSED AIR RELEASE SANITARY SEWER	000	\$5,700,00	FA	\$.00
MANHOLES	.000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
REMOVE AND DISPOSE OF 10" SANITARY	000	\$7.50		\$.00
FORCEMAIN	.000	Ç7.50		٠٠٠ ټ
REMOVE AND DISPOSE OF AIR RELIEF VALVE	000	\$155.00	FA	\$.00
MANHOLE	.000	÷±55.00		
10" SANITARY FORCEMAIN (OPEN CUT)	.000	\$36.00	LF	\$.00
SPECIAL EXCAVATION (MIN. BID \$10/CY)	.000	\$10.00	СҮ	\$.00
SEAL SLAB FOR STORM SEWER (6") (MIN. BID	000	\$25.00	SV	\$.00
\$25/SY)	.000	920.00	51	٠٠. ټ
WELL POINTING SYSTEM(MIN BID - \$25/LF)	.000	\$25.00	LF	\$.00
ORANGE CONSTRUCTION SAFETY FENCE, AS	000	\$2.00	IE	\$.00
DIRECTED BY ENGINEER, MIN BID - \$2/LF	.000	92.00		
MOWING PROJECT SITE	.000	\$450.00	CYCLE	\$.00
UNIFORMED PEACE OFFICER (MIN BID - \$45/HR)	.000	\$45.00	HR	\$.00
PROJECT SIGN JOINT PROJECT ADDITION	.000	\$400.00	LS	\$.00
GAS LINE REMOVAL - Pct 3	.000	\$2,552.00	LS	\$.00
PCT 3 FLOWABLE FILL	.000	\$7,126.60		\$.00
RETURN OF 66" RCP TO SUPPLIER	.000	\$1,415.87	LS	\$.00
ADD INLET AND REGRADE NORTH AND SOUTH	1 000	¢12 128 10		\$43,128.40
AROUND HEADWALL	1.000	\$45,120.40		,743,1∠0.40
		Tota	PCO Amount	\$43,128.40
	PROPOSED AIR RELEASE SANITARY SEWER MANHOLESREMOVE AND DISPOSE OF 10" SANITARY FORCEMAINREMOVE AND DISPOSE OF AIR RELIEF VALVE MANHOLE10" SANITARY FORCEMAIN (OPEN CUT)SPECIAL EXCAVATION (MIN. BID \$10/CY)SEAL SLAB FOR STORM SEWER (6") (MIN. BID \$25/SY)WELL POINTING SYSTEM(MIN BID - \$25/LF)ORANGE CONSTRUCTION SAFETY FENCE, AS DIRECTED BY ENGINEER, MIN BID - \$2/LFMOWING PROJECT SITE UNIFORMED PEACE OFFICER (MIN BID - \$45/HR)PROJECT SIGN JOINT PROJECT ADDITION GAS LINE REMOVAL - Pct 3PCT 3 FLOWABLE FILL RETURN OF 66" RCP TO SUPPLIER ADD INLET AND REGRADE NORTH AND SOUTH	PROPOSED AIR RELEASE SANITARY SEWER MANHOLES.000REMOVE AND DISPOSE OF 10" SANITARY FORCEMAIN.000REMOVE AND DISPOSE OF AIR RELIEF VALVE MANHOLE.00010" SANITARY FORCEMAIN (OPEN CUT).000SPECIAL EXCAVATION (MIN. BID \$10/CY).000SEAL SLAB FOR STORM SEWER (6") (MIN. BID \$25/SY).000WELL POINTING SYSTEM(MIN BID - \$25/LF).000ORANGE CONSTRUCTION SAFETY FENCE, AS DIRECTED BY ENGINEER, MIN BID - \$2/LF.000MOWING PROJECT SITE.000UNIFORMED PEACE OFFICER (MIN BID - \$45/HR).000PROJECT SIGN JOINT PROJECT ADDITION.000QAS LINE REMOVAL - Pct 3.000PCT 3 FLOWABLE FILL.000ADD INLET AND REGRADE NORTH AND SOUTH1.000	PROPOSED AIR RELEASE SANITARY SEWER MANHOLES.000\$5,700.00REMOVE AND DISPOSE OF 10" SANITARY FORCEMAIN.000\$7.50REMOVE AND DISPOSE OF AIR RELIEF VALVE MANHOLE.000\$155.0010" SANITARY FORCEMAIN (OPEN CUT).000\$36.00SPECIAL EXCAVATION (MIN. BID \$10/CY).000\$10.00SEAL SLAB FOR STORM SEWER (6") (MIN. BID \$25/SY).000\$25.00WELL POINTING SYSTEM(MIN BID - \$25/LF).000\$25.00ORANGE CONSTRUCTION SAFETY FENCE, AS DIRECTED BY ENGINEER, MIN BID - \$2/LF.000\$450.00MOWING PROJECT SITE.000\$450.00UNIFORMED PEACE OFFICER (MIN BID - \$45/HR).000\$450.00PROJECT SIGN JOINT PROJECT ADDITION.000\$400.00GAS LINE REMOVAL - Pct 3.000\$7,126.60RETURN OF 66" RCP TO SUPPLIER.000\$1,415.87ADD INLET AND REGRADE NORTH AND SOUTH AROUND HEADWALL1.000\$43,128.40	PROPOSED AIR RELEASE SANITARY SEWER MANHOLES.000\$5,700.00EAREMOVE AND DISPOSE OF 10" SANITARY FORCEMAIN.000\$7.50LFREMOVE AND DISPOSE OF AIR RELIEF VALVE MANHOLE.000\$155.00EA10" SANITARY FORCEMAIN (OPEN CUT).000\$36.00LFSPECIAL EXCAVATION (MIN. BID \$10/CY).000\$10.00CYSEAL SLAB FOR STORM SEWER (6") (MIN. BID \$25/SY).000\$25.00LFORANGE CONSTRUCTION SAFETY FENCE, AS DIRECTED BY ENGINEER, MIN BID - \$2/LF.000\$22.00LFMOWING PROJECT SITE.000\$450.00CYCLEUNIFORMED PEACE OFFICER (MIN BID - \$45/HR).000\$40.00LSGAS LINE REMOVAL - Pct 3.000\$1,145.87LSADD INLET AND REGRADE NORTH AND SOUTH1.000\$43.128.40LS

PCO - 16

Associated with RFI#

Justification: Outfall at Little Cypress Creek needs to lowered approx. 7'. Timber bent will be removed and rebuilt, and a manhole with be added to avoid having to lower the MUD force main.

Item #	Description	Change Quantity	Unit Cost	Unit of Measure	Change Amount
001	PROJECT SIGN	.000	\$750.00	EA	\$.00
002	CLEARING AND GRUBBING (ROADWAY)	.000	\$560,000.00	LS	\$.00
003	CLEARING AND GRUBBING (DETENTION)	.000	\$50,000.00	LS	\$.00
004	REMOVING CONCRETE (6" DOWELED CURB)	.000	\$1.00	LF	\$.00
005	REMOVING CONCRETE PAVEMENT	.000	\$38.00	SY	\$.00
	REMOVE AND DISPOSE OF CONCRETE PAVEMENT,				
006	CURB, MEDIAN, SIDEWALK AND RAMP (ALL DEPTHS)	.000	\$22.00	SY	\$.00
007	ROADWAY EXCAVATION, INCLUDING 3" STRIPPING	.000	\$16.00	CY	\$.00
008	CHANNEL EXCAVATION UNDER BRIDGE	.000	\$13.00	CY	\$.00
009	DETENTION BASIN EXCAVATION, INCLUDING 3" STRIPPING	.000	\$9.50	СҮ	\$.00
010	BORROW	.000	\$11.50	CY	\$.00
011	REMOVE AND DISPOSE OF EXISTING CONCRETE OR METAL PIPE (ALL TYPES AND SIZES)	.000	\$6.50	LF	\$.00
012	REMOVING OLD STRUCTURES, MANHOLES (ALL DEPTHS)	.000	\$475.00	EA	\$.00
013	REMOVING OLD STRUCTURES, INLETS (ALL DEPTHS)	.000	\$475.00	EA	\$.00
014	REMOVING OLD STRUCTURES, BACKSLOPE INTERCEPTOR STRUCTURES (ALL DEPTHS)	.000	\$330.00	EA	\$.00
015	REMOVING OLD STRUCTURES (HEADWALL)	.000	\$2,950.00	EA	\$.00
016	REMOVE & RELOCATE OR DISPOSE OF TRAFFIC SIGNS, MAIL BOXES AND ROADWAY SIGNS	.000	\$55.00	EA	\$.00
017	VIDEO RECORDING CONSTRUCTION	.000	\$500.00	LS	\$.00
018	LIME (3%) (ROADWAY)	.000	\$185.00	TN	\$.00
019	LIME (3%) (PEDESTRIAN TRAIL)	.000	\$185.00	TN	\$.00
020	MANIPULATION OF LIME-FLYASH STABILIZED SUBGRADE - 8" DEPTH (3% LIME AND 9% FLYASH) (ROADWAY)	.000	\$3.00	SY	\$.00
021	MANIPULATION OF LIME-FLYASH STABILIZED SUBGRADE - 6" DEPTH (3% LIME AND 9% FLYASH) (PEDESTRIAN TRAIL)	.000	\$8.00	SY	\$.00
022	FLYASH (9%) (ROADWAY)	.000	\$88.00	TN	\$.00
023	FLYASH (9%) (PEDESTRIAN TRAIL)	.000	\$88.00	TN	\$.00
024	REINFORCED CONCRETE PAVEMENT (10" DEPTH)	.000	\$54.40	SY	\$.00
025	REINFORCED CONCRETE PAVEMENT (PEDESTRIAN TRAIL)(5" DEPTH)	.000	\$64.00	SY	\$.00
026	FLEX BEAM GUARD RAIL, W/MOW STRIP	.000	\$63.00	LF	\$.00
027	FLEX BEAM TURN DOWN TERMINAL SECTION (25' LONG) W/ ANCHOR	.000	\$1,150.00	EA	\$.00
028	6" CONCRETE CURB	.000	\$2.85	LF	\$.00
029	6" CONCRETE CURB (DOWEL)	.000	\$5.75	LF	\$.00
030	FURNISH AND INSTALL TYPE NINE (9) REINFORCED CONCRETE RAMP	.000	\$1,200.00	EA	\$.00
031	FURNISH AND INSTALL TYPE (12) REINFORCED CONCRETE RAMP	.000	\$1,550.00	EA	\$.00
032	FURNISH AND INSTALL 4 1/2" REINFORCED CONCRETE SIDEWALK	.000	\$57.00	SY	\$.00
033	ESPLANADES, MEDIANS, AND DIRECTIONAL ISLANDS (6") CONCRETE	.000	\$90.00	SY	\$.00

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034	COLORING OF CONCRETE (BLACK) IN MEDIAN NOSES	.000	\$160.00	SY	\$.00
035	CONCRETE CHANNEL LINING (5")	.000	\$60.00	SY	\$.00
036	ALUMINUM SIGNS (GROUND MOUNTED) - FURNISH AND INSTALL	.000	\$275.00	EA	\$.00
037	OBJECT MARKERS (GROUND MOUNTED) - FURNISH AND INSTALL	.000	\$170.00	EA	\$.00
038	INSTL DEL ASSM(D-SY)SZ(BRF)GF1	.000	\$55.00	EA	\$.00
039	INSTL DEL ASSM(D-SW)SZ(BRF)GF1	.000	\$55.00	EA	\$.00
040	INSTL DEL ASSM(D-SY)SZ(BRF)GF2	.000	\$55.00	EA	\$.00
041	INSTL DEL ASSM(D-SW)SZ(BRF)GF2	.000	\$55.00	EA	\$.00
042	INSTL DEL ASSM(D-SY)SZ(BRF)CTB	.000	\$55.00	EA	\$.00
043	INSTL DEL ASSM(D-SW)SZ(BRF)CTB	.000	\$55.00	EA	\$.00
044	REFLOCTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) 4" WHITE/BROKEN - FURNISH AND APPLIED	.000	\$1.10	LF	\$.00
045	REFLECTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) 8" WHITE/SOLID - FURNISH AND APPLIED	.000	\$1.60	LF	\$.00
046	REFLECTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) 12" WHITE/SOLID - FURNISH AND APPLIED	.000	\$3.80	LF	\$.00
047	REFLECTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) 24" WHITE/SOLID - FURNISH AND APPLIED	.000	\$7.00	LF	\$.00
048	REFLOCTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) SINGLE ARROW (WHITE) - FURNISH AND APPLIED	.000	\$170.00	EA	\$.00
049	REFLOCTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) WORD "ONLY" (WHITE) - FURNISH AND APPLIED	.000	\$170.00	EA	\$.00
050	PAINT CURB AT MEDIAN NOSE (YELLOW)	.000	\$.80	LF	\$.00
051	TRAFFIC PAINT (SOLVENT BASED) 4" SOLID YELLOW	.000	\$.25	LF	\$.00
	STRIPE				
052	REFLECTORIZED PAVEMENT MARKERS TYPE II-C-R - FURNISH & INSTALL	.000	\$4.50	EA	\$.00
053	NON-REFLECTORIZED CERAMIC TRAFFIC BUTTONS (WHITE) - FURNISH AND INSTALL	.000	\$4.00	EA	\$.00
054	24" CONCRETE COLLAR	.000	\$440.00	СҮ	\$.00
055	TRENCH SAFETY SYSTEMS, 5-10 FOOT DEPTH	.000	\$1.50	LF	\$.00
056	TRENCH SAFETY SYSTEMS, 10-15 FOOT DEPTH	.000	\$2.00	LF	\$.00
057	TIMBER BENT FOR 66-INCH CGMP OUTFALL	.000	\$1,800.00	EA	\$.00
058	TIMBER BENT FOR 54-INCH CGMP OUTFALL REINFORCED CONCRETE PIPE, C76, CLASS III,	.000	\$1,700.00	EA	\$.00
059	RUBBER GASKET (24")	.000	\$78.00	LF	\$.00
060	REINFORCED CONCRETE PIPE, C76, CLASS III, RUBBER GASKET (36")	.000	\$130.00	LF	\$.00
061	REINFORCED CONCRETE PIPE, C76, CLASS III, RUBBER GASKET (42")	.000	\$161.00	LF	\$.00
062	REINFORCED CONCRETE PIPE, C76, CLASS III, RUBBER GASKET (48")	.000	\$179.00	LF	\$.00
063	REINFORCED CONCRETE PIPE, C76, CLASS III, RUBBER GASKET (66")	.000	\$327.00	LF	\$.00
064	CONNECT 24" RCP TO EXIST INLET	.000	\$502.00	EA	\$.00
065	PRECAST STANDARD MANHOLE WITH DEPTH GREATER THAN 5 FEET AND LESS THAN 10 FEET WITH INLET TOP	.000	\$3,000.00	EA	\$.00
066	PRECAST STANDARD MANHOLE WITH DEPTH GREATER THAN 5 FEET AND LESS THAN 10 FEET	.000	\$4,650.00	EA	\$.00
067	PRECAST CONCRETE EXTRA DEPTH JUNCTION BOX	.000	\$7,650.00	EA	\$.00

	11				
	WITH MANHOLE WITH DEPTH GREATER THAN 10				
	FEET				
068	PRECAST TYPE "BB" INLET	.000	\$2,650.00	EA	\$.00
069	PRECAST TYPE "C" INLET	.000	\$4,000.00	EA	\$.00
070	PRECAST TYPE "A" MODIFIED INLET	.000	\$2,500.00	EA	\$.00
071	ADJUSTING MANHOLES	.000	\$465.00	EA	\$.00
072	REINFORCED CONCRETE BOX, C1433 (DEPTHS) -	.000	\$850.00	LF	\$.00
	(10'X10'), RUBBER GASKET				·
073	REINFORCED CONCRETE BOX, C1433 (DEPTHS) -	.000	\$779.00	LF	\$.00
074	(10'X8'), RUBBER GASKET	.000	\$220,000,00	EA	\$.00
074	WINGWALL (PW-1) (HW = 13 FT) WINGWALL (PW-1) (HW = 15 FT)	.000	\$230,000.00 \$208,000.00	EA	\$.00
075	WINGWALL (PW-1) (HW = 15 FT) $WINGWALL (PW-1) (HW = 11.5 FT)$.000	\$73,000.00	EA	\$.00
078	WINGWALL (PW-1) (HW = 11.5 PT) $WINGWALL (FW-0) (HW = 10 FT)$.000	\$36,000.00	EA	\$.00
0//	CCTV INSPECTION OF THE NEW STORM SEWER	.000	\$30,000.00	LA	
078	TRUNKLINE (ALL SIZES)	.000	\$6.00	LF	\$.00
	INSTALLATION OF 24" THICK CLAY LINER ON SIDE				
079	SLOPES OF CHANNEL AND BASIN PER GEOTECH	.000	\$24.50	СҮ	\$.00
	REPORT		Ţ=		÷
080	BACKSLOPE DRAINAGE SYSTEMS SWALES	.000	\$5.75	LF	\$.00
	OFFSITE DITCH INTERCEPTOR STRUCTURE				
081	(INCLUDING CEMENT STABILIZED SAND)	.000	\$1,000.00	EA	\$.00
	REINFORCED CONCRETE PILOT CHANNEL (6" THICK)				
082	(INCLUDING TOE WALLS AND CONTROL	.000	\$59.00	SY	\$.00
	STRUCTURE)				
083	RIPRAP GRADATION NO. 1 AND GRANULAR FILL	.000	\$76.00	SY	\$.00
084	RIPRAP GRADATION NO. 2 AND GRANULAR FILL	.000	\$90.00	SY	\$.00
085	CORREGATED METAL PIPE PRE-COATED	.000	\$90.00	LF	\$.00
005	GALVANIZED, 16 GUAGE (24")	.000			00. پ
086	CORREGATED METAL PIPE PRE-COATED	.000	\$200.00	LF	\$.00
	GALVANIZED, 16 GUAGE (66")	.000	\$200.00		Ç .00
087	CORREGATED METAL PIPE PRE-COATED	.000	\$174.00	LF	\$.00
	GALVANIZED, 16 GUAGE (54")		-		
088	DRILLED SHAFT FOUNDATIONS (18" DIA)	.000	\$84.00	LF	\$.00
089	DRILLED SHAFT FOUNDATIONS (36" DIA)	.000	\$204.00	LF	\$.00
090	DRILLED SHAFT FOUNDATIONS (42" DIA)	.000	\$271.00	LF	\$.00
091	CLASS "B1" CONCRETE, ABUTMENT	.000	\$756.00	СҮ	\$.00
092	CLASS "B1" CONCRETE, COMBINATION PARAPET	.000	\$1,425.00	CY	\$.00
093	CLASS "B1" CONCRETE, CAP	.000	\$755.00	СҮ	\$.00
094	CLASS "B1" CONCRETE, COLUMN	.000	\$804.00	CY SV	\$.00 \$.00
095	CLASS "A1" CONCRETE, APPROACH SLAB CLASS "A1" CONCRETE, BRIDGE CURB	.000	\$174.00	SY SY	\$.00 \$.00
096	CLASS "A1" CONCRETE, BRIDGE CURB CLASS "A1" CONCRETE, BRIDGE SIDEWALK	.000	\$149.00	SY SY	\$.00 \$.00
097	CLASS "A1" CONCRETE, BRIDGE SIDEWALK CLASS "A1" CONCRETE, BRIDGE DECK	.000	\$107.00 \$146.00	SY SY	\$.00
098	PRESTR CONC TXGIRDERS (TX34)	.000	\$146.00	LF	\$.00
100	PRESTR CONC TXGIRDERS (TX34) PRESTR CONC TXGIRDERS (TX54)	.000	\$143.50	LF	\$.00
100	CEMENT STABILZED SAND	.000	\$157.50	CY	\$.00
101	JOINT COVER PLATES	.000	\$15.50	LB	\$.00
102	BRIDGE PLAQUE	.000	\$15.50	EA	\$.00
103	TRAFFIC RAIL	.000	\$76.00	LF	\$.00
104	COMBINATION RAIL	.000	\$122.00	LF	\$.00
105	PEDESTRIAN RAIL	.000	\$83.00		\$.00
100	SEALED EXPANSION JOINT (TYPE M)	.000	\$136.00	LF	\$.00
107	TRAFFIC CONTROL - FURNISH, INSTALL & REMOVE	.000	\$130.00	MO	\$.00
-	SODDING FOR EROSION CONTROL AND FINAL				
109	STABILIZATION	.000	\$3.40	SY	\$.00
	HYDRO-MULCH SEEDING (FOR EROSION CONTROL		4		4
110	AND FINAL STABILIZATION)	.000	\$1,300.00	AC	\$.00
	TPDES GENERAL PERMIT NO. TXR 15000, NOTICE OF	000	6005.00		<u> </u>
111	INTENT (NOI) APPLICATION FEES (CONTRACOR'S	.000	\$325.00	EA	\$.00
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	NOI FEE & HARRIS COUNTY'S NOI FEE, EACH FEE SHALL BE SET PRICE OF \$325.00)				
112	REINFORCED FILTER FABRIC BARRIER (60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$1.80	LF	\$.00
113	INLET PROTECTION BARRIER (STAGE I INLETS, WITH REINFORCED FILTER FABRIC FENCE; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$110.00	EA	\$.00
114	STABILIZED CONSTRUCTION ACCESS (TYPE I - ROCK; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$20.00	SY	\$.00
115	CONCRETE TRUCK WASHOUT STRUCTURES (60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$1,600.00	LS	\$.00
116	INLET PROTECTION BARRIER (STAGE II INLETS, GRAVEL BAGS; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$49.00	EA	\$.00
117	ROCK FILTER DAMS (TYPE 3; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$11.00	LF	\$.00
118	SWPPP INSPECTION AND MAINTENANCE (MIN BID \$6000/MO)	.000	\$6,000.00	МО	\$.00
119	FURNISH AND INSTALL 36" DRILLED SHAFT TRAFFIC SIGNAL POLE FOUNDATION FOR 34' POLES, AND ANCHOR BOLTS (USE CLASS B CONCRETE FOR FOUNDATION)	.000	\$272.00	VF	\$.00
120	JACKING AND BORING PIPE, 4"	.000	\$17.00	LF	\$.00
121	FURNISH AND INSTALL SPAN WIRE MOUNTED R10- 17 T "LEFT TURN YIELD ON FLASHING YELLOW ARROW" SIGN (30" X 30")	.000	\$205.00	EA	\$.00
122	FURNISH AND INSTALL "LOUETTA RD" STREET SIGN, DIAMOND GRADE, (D3-1; 18" X 60")	.000	\$255.00	EA	\$.00
123	FURNISH AND INSTALL "STABLEWOOD FARMS RD" STREET SIGN, DIAMOND GRADE, (D3-1; 18" X 114")	.000	\$432.00	EA	\$.00
124	FURNISH AND INSTALL 1" SCHEDULE 40 PVC CONDUIT	.000	\$8.00	LF	\$.00
125	FURNISH AND INSTALL 2" SCHEDULE 40 PVC CONDUIT	.000	\$10.00	LF	\$.00
126	FURNISH AND INSTALL 3" SCHEDULE 40 PVC CONDUIT	.000	\$12.00	LF	\$.00
127	Furnish and Install 3" (BORE) Schedule 40 PVC Conduit	.000	\$16.00	LF	\$.00
128	FURNISH AND INSTALL 4" SCHEDULE 40 PVC CONDUIT	.000	\$14.00	LF	\$.00
129	Furnish and Install 4" (BORE) Schedule 40 PVC Conduit	.000	\$17.00	LF	\$.00
130	FURNISH AND INSTALL 2" RIGID METAL CONDUIT	.000	\$8.00	LF	\$.00
131	FURNISH AND INSTALL #4 AWG, XHHW (STRANDED) WIRE	.000	\$1.50	LF	\$.00
132	FURNISH AND INSTALL #8 AWG, BARE COPPER (SOLID) WIRE WITH GROUNDING HARDWARE	.000	\$.80	LF	\$.00
133	FURNISH AND INSTALL 2/C #14 STRANDED AWG (IMSA 20-1) (STRANDED) CABLE	.000	\$.90	LF	\$.00
134	FURNISH AND INSTALL 2/C #14 STRANDED AWG (IMSA 50-2) (STRANDED) CABLE	.000	\$.80	LF	\$.00
135	FURNISH AND INSTALL 4/C #14 STRANDED AWG (IMSA 20-1) (STRANDED) CABLE	.000	\$1.25	LF	\$.00
136	FURNISH AND INSTALL 7/C #14 STRANDED AWG	.000	\$1.75	LF	\$.00

(IMSA 20-1) (STRANDED) CABLE				<u> </u>
FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE ASSEMBLY (STL) STRAIN POLE	.000	\$6,000.00	EA	\$.00
FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE ASSEMBLY (STL) STRAIN POLE WITH 15' LUMINAIRE ARM AND SHORTING CAP	.000	\$7,200.00	EA	\$.00
FURNISH AND INSTALL POWER SERVICE POLE - TY D (120/240)70(NS)SS(E)SP(O)	.000	\$4,600.00	EA	\$.00
INSTALL STEEL PEDESTAL POLE WITH FOUNDATION	.000	\$1,500.00	EA	\$.00
FURNISH AND INSTALL STEEL PEDESTAL POLE WITH FOUNDATION	.000	\$1,500.00	EA	\$.00
FURNISH AND INSTALL 400 WATT EQUIVALENT LED LUMINAIRE ON 15' ARMS WITH A PHOTOELECTRIC CELL	.000	\$500.00	EA	\$.00
INSTALL ONE-WAY 3-SECTION 12" LED HORIZ SIGNAL HEAD (RYG)	.000	\$550.00	EA	\$.00
INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RFYYG)	.000	\$700.00	EA	\$.00
FURNISH AND INSTALL ONE-WAY 3-SECTION 12" LED HORIZ SIGNAL HEAD (RYG)	.000	\$550.00	EA	\$.00
FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG)	.000	\$700.00	EA	\$.00
FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ. SIGNAL HEAD (RFYYG)	.000	\$700.00	EA	\$.00
FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ. SIGNAL HEAD (RRYG)	.000	\$700.00	EA	\$.00
FURNISH AND INSTALL 48", LED SIGN LIGHT ASSEMBLY WITH "LEFT TURN SIGNAL" SIGN (48"X12")	.000	\$500.00	EA	\$.00
INSTALL LED (AC INPUT VOLTAGE) SINGLE SECTION SYMBOLIC PEDESTRIAN (COUNTDOWN) SIGNAL ASSEMBLY, ALL HARDWARE	.000	\$450.00	EA	\$.00
FURNISH AND INSTALL PEDESTRIAN PUSH BUTTON STATION (RIGHT ARROW, LEFT ARROW, DOUBLE ARROW)	.000	\$250.00	EA	\$.00
INSTALL "COUNTDOWN PEDESTRIAN LED SIGNAL HEAD" W/ PUSH BUTTON AND SIGN	.000	\$700.00	EA	\$.00
FURNISH AND INSTALL "COUNTDOWN PEDESTRIAN LED SIGNAL HEAD" W/ PUSH BUTTON AND SIGN	.000	\$700.00	EA	\$.00
FURNISH AND INSTALL PULL BOX (TYPE D) WITH LID APRON	.000	\$1,000.00	EA	\$.00
FURNISH AND INSTALL GROUND BOX WITH LID AND APRON	.000	\$1,600.00	EA	\$.00
FURNISH AND INSTALL TRAFFIC SIGNAL SYSTEM	.000	\$16,000.00	LS	\$.00
SAWCUT AND INSTALL VEHICLE LOOP DETECTORS, INCLUDING LOOP WIRE	.000	\$9.00	LF	\$.00
FURNISH AND INSTALL GROUND MOUNT ITS CONTROLLER CABINET ASSEMBLY (HC)(HOUSING 3) WITH SIDE MOUNTED BATTERY BACKUP SYSTEM (BBS)	.000	\$34,000.00	EA	\$.00
FURNISH AND INSTALL A REINFORCED CONCRETE FOUNDATION FOR ITS CONTROLLER CABINET (HOUSING 3)	.000	\$2,750.00	EA	\$.00
FURNISH AND INSTALL AN ATC 2071 LCS CONTROLLER UNIT	.000	\$4,000.00	EA	\$.00
TRENCH SAFETY SYSTEM FOR TRENCH EXCAVATIONS FOR SANITARY SEWER FORCE MAIN (5-10 FOOT DEPTH)	.000	\$2.35	LF	\$.00
TRENCH SAFETY SYSTEM FOR TRENCH EXCAVATIONS FOR SANITARY SEWER FORCE MAIN	.000	\$6.25	LF	\$.00
	FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE ASSEMBLY (STL) STRAIN POLE FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE ASSEMBLY (STL) STRAIN POLE WITH 15' LUMINAIRE ARM AND SHORTING CAP FURNISH AND INSTALL POWER SERVICE POLE - TY D (120/240)70(N5)SS(E)SP(0) INSTALL STEEL PEDESTAL POLE WITH FOUNDATION FURNISH AND INSTALL STEEL PEDESTAL POLE WITH FOUNDATION FURNISH AND INSTALL 400 WATT EQUIVALENT LED LUMINAIRE ON 15' ARMS WITH A PHOTOELECTRIC CELL INSTALL ONE-WAY 3-SECTION 12" LED HORIZ SIGNAL HEAD (RYG) FURNISH AND INSTALL ONE-WAY 3-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG) FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG) FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG) FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG) FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG) FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG) FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG) FURNISH AND INSTALL ARE (COUNTDOWN) SIGNAL	FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE .000 ASSEMBLY (STL) STRAIN POLE .000 FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE .000 ASSEMBLY (STL) STRAIN POLE WITH 15' LUMINAIRE .000 ARM AND SHORTING CAP .000 FURNISH AND INSTALL POWER SERVICE POLE - TY D .000 I120/240/70(NS)SS(E)SP(O) .000 INSTALL STEEL PEDESTAL POLE WITH FOUNDATION .000 FURNISH AND INSTALL STEEL PEDESTAL POLE WITH HOUNDATION .000 FURNISH AND INSTALL 400 WATT EQUIVALENT LED .000 INSTALL ONE-WAY 3-SECTION 12" LED HORIZ .000 SIGNAL HEAD (RYG) .000 FURNISH AND INSTALL ONE-WAY 3-SECTION 12" .000 FURNISH AND INSTALL ONE-WAY 3-SECTION 12" .000 FURNISH AND INSTALL ONE-WAY 4-SECTION 12" .000 FURNISH AND INSTALL ABA', LED SIGN LIGHT	FURNISH AND INSTALL 34" TRAFFIC SIGNAL POLE .000 \$6,000.00 ASSEMBLY (STL) STRAIN POLE .000 \$7,200.00 ENNISH AND INSTALL 34" TRAFFIC SIGNAL POLE .000 \$7,200.00 ASSEMBLY (STL) STRAIN POLE WITH 15' LUMINAIRE .000 \$7,200.00 INSTALL STEEL PEDESTAL POLE WITH FOUNDATION .000 \$1,500.00 FURNISH AND INSTALL 34" TRAFFIC SIGNAL POLE .000 \$1,500.00 FURNISH AND INSTALL 400 WATT EQUIVALENT LED .000 \$5,00.00 FURNISH AND INSTALL 400 WATT EQUIVALENT LED .000 \$500.00 CELL .000 \$500.00 \$500.00 FURNISH AND INSTALL ONE-WAY 3-SECTION 12" LED HORIZ .000 \$700.00 SIGNAL HEAD (RYG) .000 \$700.00 \$700.00 FURNISH AND INSTALL ONE-WAY 3-SECTION 12" .000 \$700.00 FURNISH AND INSTALL ONE-WAY 3-SECTION 12" .000 \$700.00 FURNISH AND INSTALL ONE-WAY 4-SECTION 12" .000 \$700.00 FURNISH AND INSTALL ONE-WAY 4-SECTION 12" .000 \$700.00 FURNISH AND INSTALL ONE-WAY 4-SECTION 12" .000 \$700.00 FURNISH AND	FURNISH AND INSTALL 34" TRAFFIC SIGNAL POLE .000 \$6,000.00 EA SSEMBLY (STL) STRAIN POLE .000 \$7,200.00 EA ASSEMBLY (STL) STRAIN POLE .000 \$7,200.00 EA ASSEMBLY (STL) STRAIN POLE .000 \$7,200.00 EA ASSEMBLY (STL) STRAIN POLE WITH SULUMINARE .000 \$4,600.00 EA FURNISH AND INSTALL POWER SERVICE POLE - TY D .000 \$1,500.00 EA FURNISH AND INSTALL STEL POESTAL POLE WITH OUNDATION .000 \$1,500.00 EA FURNISH AND INSTALL STEL POESTAL POLE WITH DUIVALITON .000 \$1,500.00 EA FURNISH AND INSTALL ONE WATT EQUIVALENT LED .0000 \$5500.00 EA FURNISH AND INSTALL ONE-WAY 3-SECTION 12" LED HORIZ .000 \$700.00 EA FURNISH AND INSTALL ONE-WAY 3-SECTION 12" .000 \$700.00 EA FURNISH AND INSTALL ONE-WAY 3-SECTION 12" .000 \$700.00 EA FURNISH AND INSTALL ONE-WAY 3-SECTION 12" .000 \$700.00 EA FURNISH AND INSTALL ONE-WAY 3-SECTION 12" .000 \$700.00 EA

	(10-20 FOOT DEPTH)					
163	PROPOSED AIR RELEASE SANITARY SEWER	.000	\$5,700.00	EA	\$.00	
	MANHOLES		<i>vo,recter</i>			
164	REMOVE AND DISPOSE OF 10" SANITARY	.000	\$7.50	LF	\$.00	
	FORCEMAIN		,	<u> </u>	· · · ·	
165	REMOVE AND DISPOSE OF AIR RELIEF VALVE	.000	\$155.00	EA	\$.00	
	MANHOLE					
166	10" SANITARY FORCEMAIN (OPEN CUT)	.000	\$36.00	LF	\$.00	
167	SPECIAL EXCAVATION (MIN. BID \$10/CY)	.000	\$10.00	CY	\$.00	
168	SEAL SLAB FOR STORM SEWER (6") (MIN. BID	.000	\$25.00	SY	\$.00	
100	\$25/SY)	.000	\$25.00	51	ں. ڊ 	
169	WELL POINTING SYSTEM(MIN BID - \$25/LF)	.000	\$25.00	LF	\$.00	
170	ORANGE CONSTRUCTION SAFETY FENCE, AS	.000	\$2.00	LF	\$.00	
1/0	DIRECTED BY ENGINEER, MIN BID - \$2/LF	.000		LF	٠٠٠. ڊ 	
171	MOWING PROJECT SITE	.000	\$450.00	CYCLE	\$.00	
172	UNIFORMED PEACE OFFICER (MIN BID - \$45/HR)	.000	\$45.00	HR	\$.00	
173	PROJECT SIGN JOINT PROJECT ADDITION	.000	\$400.00	LS	\$.00	
174	GAS LINE REMOVAL - Pct 3	.000	\$2,552.00	LS	\$.00	
175	PCT 3 FLOWABLE FILL	.000	\$7,126.60		\$.00	
178	RETURN OF 66" RCP TO SUPPLIER	.000	\$1,415.87	LS	\$.00	
181	LOWERING OUTFALL AND MANHOLE	1.000	\$46,203.58	LS	\$46,203.58	
Total PCO Amount \$46,203.58						
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PCO - 15

Associated with RFI#

Justification: Pct 4 north headwall will be raised and lengthened to improve safety and drainage. Additional pedestrian railing will be added to lengthened sections. Existing concrete will be cut down 2', to expose rebar, then an additional 4'9" will be added back.

002 CLEA 003 CLEA	JECT SIGN ARING AND GRUBBING (ROADWAY)	.000		Measure	
003 CLEA		.000	\$750.00	EA	\$.00
		.000	\$560,000.00	LS	\$.00
	ARING AND GRUBBING (DETENTION)	.000	\$50,000.00	LS	\$.00
004 REM	IOVING CONCRETE (6" DOWELED CURB)	.000	\$1.00	LF	\$.00
005 REM	IOVING CONCRETE PAVEMENT	.000	\$38.00	SY	\$.00
	IOVE AND DISPOSE OF CONCRETE PAVEMENT, B, MEDIAN, SIDEWALK AND RAMP (ALL THS)	.000	\$22.00	SY	\$.00
	DWAY EXCAVATION, INCLUDING 3" STRIPPING	.000	\$16.00	СҮ	\$.00
008 CHA	NNEL EXCAVATION UNDER BRIDGE	.000	\$13.00	СҮ	\$.00
009	ENTION BASIN EXCAVATION, INCLUDING 3" PPING	.000	\$9.50	CY	\$.00
010 BORF	ROW	.000	\$11.50	CY	\$.00
1 011 1	IOVE AND DISPOSE OF EXISTING CONCRETE OR TAL PIPE (ALL TYPES AND SIZES)	.000	\$6.50	LF	\$.00
012 REM DEPT	IOVING OLD STRUCTURES, MANHOLES (ALL THS)	.000	\$475.00	EA	\$.00
013 REM	IOVING OLD STRUCTURES, INLETS (ALL DEPTHS)	.000	\$475.00	EA	\$.00
014	IOVING OLD STRUCTURES, BACKSLOPE ERCEPTOR STRUCTURES (ALL DEPTHS)	.000	\$330.00	EA	\$.00
015 REM	IOVING OLD STRUCTURES (HEADWALL)	.000	\$2,950.00	EA	\$.00
016	IOVE & RELOCATE OR DISPOSE OF TRAFFIC NS, MAIL BOXES AND ROADWAY SIGNS	.000	\$55.00	EA	\$.00
017 VIDE	EO RECORDING CONSTRUCTION	.000	\$500.00	LS	\$.00
018 LIME	E (3%) (ROADWAY)	.000	\$185.00	TN	\$.00
019 LIME	E (3%) (PEDESTRIAN TRAIL)	.000	\$185.00	TN	\$.00
020 SUBC	NIPULATION OF LIME-FLYASH STABILIZED GRADE - 8" DEPTH (3% LIME AND 9% FLYASH) ADWAY)	.000	\$3.00	SY	\$.00
021 SUBC	NIPULATION OF LIME-FLYASH STABILIZED GRADE - 6" DEPTH (3% LIME AND 9% FLYASH) DESTRIAN TRAIL)	.000	\$8.00	SY	\$.00
022 FLYA	ASH (9%) (ROADWAY)	.000	\$88.00	TN	\$.00
023 FLYA	ASH (9%) (PEDESTRIAN TRAIL)	.000	\$88.00	TN	\$.00
024 REIN	IFORCED CONCRETE PAVEMENT (10" DEPTH)	.000	\$54.40	SY	\$.00
1 075 1	IFORCED CONCRETE PAVEMENT (PEDESTRIAN IL)(5" DEPTH)	.000	\$64.00	SY	\$.00
026 FLEX	(BEAM GUARD RAIL, W/MOW STRIP	.000	\$63.00	LF	\$.00
1 11/1	(BEAM TURN DOWN TERMINAL SECTION (25' G) W/ ANCHOR	.000	\$1,150.00	EA	\$.00
028 6" CC	ONCRETE CURB	.000	\$2.85	LF	\$.00
	ONCRETE CURB (DOWEL)	.000	\$5.75	LF	\$.00
1 1120	NISH AND INSTALL TYPE NINE (9) REINFORCED ICRETE RAMP	.000	\$1,200.00	EA	\$.00
	NISH AND INSTALL TYPE (12) REINFORCED ICRETE RAMP	.000	\$1,550.00	EA	\$.00
	NISH AND INSTALL 4 1/2" REINFORCED ICRETE SIDEWALK	.000	\$57.00	SY	\$.00

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033	ESPLANADES, MEDIANS, AND DIRECTIONAL ISLANDS (6") CONCRETE	.000	\$90.00	SY	\$.00
034	COLORING OF CONCRETE (BLACK) IN MEDIAN NOSES	.000	\$160.00	SY	\$.00
035	CONCRETE CHANNEL LINING (5")	.000	\$60.00	SY	\$.00
036	ALUMINUM SIGNS (GROUND MOUNTED) - FURNISH AND INSTALL	.000	\$275.00	EA	\$.00
037	OBJECT MARKERS (GROUND MOUNTED) - FURNISH AND INSTALL	.000	\$170.00	EA	\$.00
038	INSTL DEL ASSM(D-SY)SZ(BRF)GF1	.000	\$55.00	EA	\$.00
039	INSTL DEL ASSM(D-SW)SZ(BRF)GF1	.000	\$55.00	EA	\$.00
040	INSTL DEL ASSM(D-SY)SZ(BRF)GF2	.000	\$55.00	EA	\$.00
041	INSTL DEL ASSM(D-SW)SZ(BRF)GF2	.000	\$55.00	EA	\$.00
042	INSTL DEL ASSM(D-SY)SZ(BRF)CTB	.000	\$55.00	EA	\$.00
043	INSTL DEL ASSM(D-SW)SZ(BRF)CTB	.000	\$55.00	EA	\$.00
044	REFLOCTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) 4" WHITE/BROKEN - FURNISH AND APPLIED	.000	\$1.10	LF	\$.00
045	REFLECTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) 8" WHITE/SOLID - FURNISH AND APPLIED	.000	\$1.60	LF	\$.00
046	REFLECTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) 12" WHITE/SOLID - FURNISH AND APPLIED	.000	\$3.80	LF	\$.00
047	REFLECTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) 24" WHITE/SOLID - FURNISH AND APPLIED	.000	\$7.00	LF	\$.00
048	REFLOCTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) SINGLE ARROW (WHITE) - FURNISH AND APPLIED	.000	\$170.00	EA	\$.00
049	REFLOCTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) WORD "ONLY" (WHITE) - FURNISH AND APPLIED	.000	\$170.00	EA	\$.00
050	PAINT CURB AT MEDIAN NOSE (YELLOW)	.000	\$.80	LF	\$.00
051	TRAFFIC PAINT (SOLVENT BASED) 4" SOLID YELLOW STRIPE	.000	\$.25	LF	\$.00
052	REFLECTORIZED PAVEMENT MARKERS TYPE II-C-R - FURNISH & INSTALL	.000	\$4.50	EA	\$.00
053	NON-REFLECTORIZED CERAMIC TRAFFIC BUTTONS (WHITE) - FURNISH AND INSTALL	.000	\$4.00	EA	\$.00
054	24" CONCRETE COLLAR	.000	\$440.00	CY	\$.00
055	TRENCH SAFETY SYSTEMS, 5-10 FOOT DEPTH	.000	\$1.50	LF	\$.00
056	TRENCH SAFETY SYSTEMS, 10-15 FOOT DEPTH	.000	\$2.00	LF	\$.00
057	TIMBER BENT FOR 66-INCH CGMP OUTFALL	.000	\$1,800.00	EA	\$.00
058	TIMBER BENT FOR 54-INCH CGMP OUTFALL	.000	\$1,700.00	EA	\$.00
059	REINFORCED CONCRETE PIPE, C76, CLASS III, RUBBER GASKET (24")	.000	\$78.00	LF	\$.00
060	REINFORCED CONCRETE PIPE, C76, CLASS III, RUBBER GASKET (36")	.000	\$130.00	LF	\$.00
061	REINFORCED CONCRETE PIPE, C76, CLASS III, RUBBER GASKET (42")	.000	\$161.00	LF	\$.00
062	REINFORCED CONCRETE PIPE, C76, CLASS III, RUBBER GASKET (48")	.000	\$179.00	LF	\$.00
063	REINFORCED CONCRETE PIPE, C76, CLASS III, RUBBER GASKET (66")	.000	\$327.00	LF	\$.00
064	CONNECT 24" RCP TO EXIST INLET	.000	\$502.00	EA	\$.00
065	PRECAST STANDARD MANHOLE WITH DEPTH GREATER THAN 5 FEET AND LESS THAN 10 FEET WITH INLET TOP	.000	\$3,000.00	EA	\$.00
066	PRECAST STANDARD MANHOLE WITH DEPTH	.000	\$4,650.00	EA	\$.00

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	GREATER THAN 5 FEET AND LESS THAN 10 FEET				
	PRECAST CONCRETE EXTRA DEPTH JUNCTION BOX				
067	WITH MANHOLE WITH DEPTH GREATER THAN 10	.000	\$7,650.00	EA	\$.00
	FEET				
068	PRECAST TYPE "BB" INLET	.000	\$2,650.00	EA	\$.00
069	PRECAST TYPE "C" INLET	.000	\$4,000.00	EA	\$.00
070	PRECAST TYPE "A" MODIFIED INLET	.000	\$2,500.00	EA	\$.00
071	ADJUSTING MANHOLES	.000	\$465.00	EA	\$.00
072	REINFORCED CONCRETE BOX, C1433 (DEPTHS) - (10'X10'), RUBBER GASKET	.000	\$850.00	LF	\$.00
073	REINFORCED CONCRETE BOX, C1433 (DEPTHS) - (10'X8'), RUBBER GASKET	.000	\$779.00	LF	\$.00
074	WINGWALL (PW-1) (HW = 13 FT)	.000	\$230,000.00	EA	\$.00
075	WINGWALL (PW-1) (HW = 15 FT)	.000	\$208,000.00	EA	\$.00
076	WINGWALL (PW-1) (HW = 11.5 FT)	.000	\$73,000.00	EA	\$.00
077	WINGWALL (FW-0) (HW = 10 FT)	.000	\$36,000.00	EA	\$.00
078	CCTV INSPECTION OF THE NEW STORM SEWER TRUNKLINE (ALL SIZES)	.000	\$6.00	LF	\$.00
079	INSTALLATION OF 24" THICK CLAY LINER ON SIDE SLOPES OF CHANNEL AND BASIN PER GEOTECH	.000	\$24.50	СҮ	\$.00
080	REPORT BACKSLOPE DRAINAGE SYSTEMS SWALES	.000	\$5.75	LF	\$.00
	OFFSITE DITCH INTERCEPTOR STRUCTURE				
081	(INCLUDING CEMENT STABILIZED SAND)	.000	\$1,000.00	EA	\$.00
	REINFORCED CONCRETE PILOT CHANNEL (6" THICK)				
082	(INCLUDING TOE WALLS AND CONTROL	.000	\$59.00	SY	\$.00
	STRUCTURE)				
083	RIPRAP GRADATION NO. 1 AND GRANULAR FILL	.000	\$76.00	SY	\$.00
084	RIPRAP GRADATION NO. 2 AND GRANULAR FILL	.000	\$90.00	SY	\$.00
085	CORREGATED METAL PIPE PRE-COATED GALVANIZED, 16 GUAGE (24")	.000	\$90.00	LF	\$.00
086	CORREGATED METAL PIPE PRE-COATED GALVANIZED, 16 GUAGE (66")	.000	\$200.00	LF	\$.00
087	CORREGATED METAL PIPE PRE-COATED GALVANIZED, 16 GUAGE (54")	.000	\$174.00	LF	\$.00
088	DRILLED SHAFT FOUNDATIONS (18" DIA)	.000	\$84.00	LF	\$.00
089	DRILLED SHAFT FOUNDATIONS (36" DIA)	.000	\$204.00	LF	\$.00
090	DRILLED SHAFT FOUNDATIONS (42" DIA)	.000	\$271.00	LF	\$.00
091	CLASS "B1" CONCRETE, ABUTMENT	.000	\$756.00	CY	\$.00
092	CLASS "B1" CONCRETE, COMBINATION PARAPET	.000	\$1,425.00	СҮ	\$.00
093	CLASS "B1" CONCRETE, CAP	.000	\$755.00	CY	\$.00
094	CLASS "B1" CONCRETE, COLUMN	.000	\$804.00	CY	\$.00
095	CLASS "A1" CONCRETE, APPROACH SLAB	.000	\$174.00	SY	\$.00
096	CLASS "A1" CONCRETE, BRIDGE CURB	.000	\$149.00	SY	\$.00
097	CLASS "A1" CONCRETE, BRIDGE SIDEWALK	.000	\$107.00	SY	\$.00
098	CLASS "A1" CONCRETE, BRIDGE DECK	.000	\$146.00	SY	\$.00
099	PRESTR CONC TXGIRDERS (TX34)	.000	\$143.50	LF	\$.00
100	PRESTR CONC TXGIRDERS (TX54)	.000	\$157.50	LF	\$.00
101	CEMENT STABILZED SAND	.000	\$80.00	CY	\$.00
102	JOINT COVER PLATES	.000	\$15.50	LB	\$.00
103	BRIDGE PLAQUE	.000	\$2,200.00	EA	\$.00
104	TRAFFIC RAIL	.000	\$76.00	LF	\$.00
105	COMBINATION RAIL	.000	\$122.00	LF	\$.00
106	PEDESTRIAN RAIL	20.000	\$83.00	LF	\$1,660.00
107	SEALED EXPANSION JOINT (TYPE M)	.000	\$136.00	LF	\$.00 \$.00
108 109	TRAFFIC CONTROL - FURNISH, INSTALL & REMOVE SODDING FOR EROSION CONTROL AND FINAL	.000	\$380.00	MO SY	\$.00
109	STABILIZATION HYDRO-MULCH SEEDING (FOR EROSION CONTROL	.000	Ş5.4U		
110	AND FINAL STABILIZATION)	.000	\$1,300.00	AC	\$.00

111	TPDES GENERAL PERMIT NO. TXR 15000, NOTICE OF INTENT (NOI) APPLICATION FEES (CONTRACOR'S NOI FEE & HARRIS COUNTY'S NOI FEE, EACH FEE SHALL BE SET PRICE OF \$325.00)	.000	\$325.00	EA	\$.00
112	REINFORCED FILTER FABRIC BARRIER (60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$1.80	LF	\$.00
113	INLET PROTECTION BARRIER (STAGE I INLETS, WITH REINFORCED FILTER FABRIC FENCE; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$110.00	EA	\$.00
114	STABILIZED CONSTRUCTION ACCESS (TYPE I - ROCK; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$20.00	SY	\$.00
115	CONCRETE TRUCK WASHOUT STRUCTURES (60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$1,600.00	LS	\$.00
116	INLET PROTECTION BARRIER (STAGE II INLETS, GRAVEL BAGS; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$49.00	EA	\$.00
117	ROCK FILTER DAMS (TYPE 3; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$11.00	LF	\$.00
118	SWPPP INSPECTION AND MAINTENANCE (MIN BID \$6000/MO)	.000	\$6,000.00	мо	\$.00
119	FURNISH AND INSTALL 36" DRILLED SHAFT TRAFFIC SIGNAL POLE FOUNDATION FOR 34' POLES, AND ANCHOR BOLTS (USE CLASS B CONCRETE FOR FOUNDATION)	.000	\$272.00	VF	\$.00
120	JACKING AND BORING PIPE, 4"	.000	\$17.00	LF	\$.00
121	FURNISH AND INSTALL SPAN WIRE MOUNTED R10- 17 T "LEFT TURN YIELD ON FLASHING YELLOW ARROW" SIGN (30" X 30")	.000	\$205.00	EA	\$.00
122	FURNISH AND INSTALL "LOUETTA RD" STREET SIGN, DIAMOND GRADE, (D3-1; 18" X 60")	.000	\$255.00	EA	\$.00
123	FURNISH AND INSTALL "STABLEWOOD FARMS RD" STREET SIGN, DIAMOND GRADE, (D3-1; 18" X 114")	.000	\$432.00	EA	\$.00
124	FURNISH AND INSTALL 1" SCHEDULE 40 PVC CONDUIT	.000	\$8.00	LF	\$.00
125	FURNISH AND INSTALL 2" SCHEDULE 40 PVC CONDUIT	.000	\$10.00	LF	\$.00
126	FURNISH AND INSTALL 3" SCHEDULE 40 PVC CONDUIT	.000	\$12.00	LF	\$.00
127	Furnish and Install 3" (BORE) Schedule 40 PVC Conduit	.000	\$16.00	LF	\$.00
128	FURNISH AND INSTALL 4" SCHEDULE 40 PVC CONDUIT	.000	\$14.00	LF	\$.00
129	Furnish and Install 4" (BORE) Schedule 40 PVC Conduit	.000	\$17.00	LF	\$.00
130	FURNISH AND INSTALL 2" RIGID METAL CONDUIT	.000	\$8.00	LF	\$.00
131	FURNISH AND INSTALL #4 AWG, XHHW (STRANDED) WIRE	.000	\$1.50	LF	\$.00
132	FURNISH AND INSTALL #8 AWG, BARE COPPER (SOLID) WIRE WITH GROUNDING HARDWARE	.000	\$.80	LF	\$.00
133	FURNISH AND INSTALL 2/C #14 STRANDED AWG (IMSA 20-1) (STRANDED) CABLE	.000	\$.90	LF	\$.00
134	FURNISH AND INSTALL 2/C #14 STRANDED AWG (IMSA 50-2) (STRANDED) CABLE	.000	\$.80	LF	\$.00
135	FURNISH AND INSTALL 4/C #14 STRANDED AWG	.000	\$1.25	LF	\$.00

	TT				
·۱	(IMSA 20-1) (STRANDED) CABLE				
136	FURNISH AND INSTALL 7/C #14 STRANDED AWG	.000	\$1.75	LF	\$.00
'	(IMSA 20-1) (STRANDED) CABLE			++	
137	FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE ASSEMBLY (STL) STRAIN POLE	.000	\$6,000.00	EA	\$.00
├ ───+	FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE			+ +	
138	ASSEMBLY (STL) STRAIN POLE WITH 15' LUMINAIRE	.000	\$7,200.00	EA	\$.00
``_!	ARM AND SHORTING CAP		Ť ,		'
139	FURNISH AND INSTALL POWER SERVICE POLE - TY D	.000	¢4 600 00	ЕЛ	\$.00
	(120/240)70(NS)SS(E)SP(O)		\$4,600.00	EA	
140	INSTALL STEEL PEDESTAL POLE WITH FOUNDATION	.000	\$1,500.00	EA	\$.00
141	FURNISH AND INSTALL STEEL PEDESTAL POLE WITH	.000	\$1,500.00	EA	\$.00
			T /-	+	
140	FURNISH AND INSTALL 400 WATT EQUIVALENT LED	000	¢500.00	ГА	ć 00
142	LUMINAIRE ON 15' ARMS WITH A PHOTOELECTRIC	.000	\$500.00	EA	\$.00
ļ;	INSTALL ONE-WAY 3-SECTION 12" LED HORIZ			+	
143	SIGNAL HEAD (RYG)	.000	\$550.00	EA	\$.00
	INSTALL ONE-WAY 4-SECTION 12" LED HORIZ	200	6700.00		<u> </u>
144	SIGNAL HEAD (RFYYG)	.000	\$700.00	EA	\$.00
145	FURNISH AND INSTALL ONE-WAY 3-SECTION 12"	.000	\$550.00	EA	\$.00
145	LED HORIZ SIGNAL HEAD (RYG)	.000	00.000		ې. د د ا
146	FURNISH AND INSTALL ONE-WAY 4-SECTION 12"	.000	\$700.00	EA	\$.00
	LED HORIZ SIGNAL HEAD (RYGG)				/'
147	FURNISH AND INSTALL ONE-WAY 4-SECTION 12"	.000	\$700.00	EA	\$.00
	LED HORIZ. SIGNAL HEAD (RFYYG) FURNISH AND INSTALL ONE-WAY 4-SECTION 12"		+	+	
148	LED HORIZ. SIGNAL HEAD (RRYG)	.000	\$700.00	EA	\$.00
++	FURNISH AND INSTALL 48", LED SIGN LIGHT		-	+ +	
149	ASSEMBLY WITH "LEFT TURN SIGNAL" SIGN	.000	\$500.00	EA	\$.00
<u>`</u> _!	(48"X12")				
ļ,	INSTALL LED (AC INPUT VOLTAGE) SINGLE SECTION				
150	SYMBOLIC PEDESTRIAN (COUNTDOWN) SIGNAL	.000	\$450.00	EA	\$.00
ļ!	ASSEMBLY, ALL HARDWARE			<u> </u>	
	FURNISH AND INSTALL PEDESTRIAN PUSH BUTTON	200	1050.00		± 22
151	STATION (RIGHT ARROW, LEFT ARROW, DOUBLE	.000	\$250.00	EA	\$.00
ļ	ARROW) INSTALL "COUNTDOWN PEDESTRIAN LED SIGNAL			++	
152	HEAD" W/ PUSH BUTTON AND SIGN	.000	\$700.00	EA	\$.00
, 	FURNISH AND INSTALL "COUNTDOWN PEDESTRIAN			+ +	
153	LED SIGNAL HEAD" W/ PUSH BUTTON AND SIGN	.000	\$700.00	EA	\$.00
	FURNISH AND INSTALL PULL BOX (TYPE D) WITH LID	200	Ć1 000 00		<u> </u>
154	APRON	.000	\$1,000.00	EA	\$.00
155	FURNISH AND INSTALL GROUND BOX WITH LID AND	.000	\$1,600.00	EA	\$.00
	APRON		-		
156	FURNISH AND INSTALL TRAFFIC SIGNAL SYSTEM	.000	\$16,000.00	LS	\$.00
157	SAWCUT AND INSTALL VEHICLE LOOP DETECTORS,	.000	\$9.00	LF	\$.00
,]	INCLUDING LOOP WIRE		· · · · · · · · · · · · · · · · · · ·	+	· · · · · · · · · · · · · · · · · · ·
. 1	FURNISH AND INSTALL GROUND MOUNT ITS CONTROLLER CABINET ASSEMBLY (HC)(HOUSING 3)				
158	WITH SIDE MOUNTED BATTERY BACKUP SYSTEM	.000	\$34,000.00	EA	\$.00
. /	(BBS)				
.	FURNISH AND INSTALL A REINFORCED CONCRETE			1	
159	FOUNDATION FOR ITS CONTROLLER CABINET	.000	\$2,750.00	EA	\$.00
, <u> </u>	(HOUSING 3)				
160	FURNISH AND INSTALL AN ATC 2071 LCS	.000	\$4,000.00	EA	\$.00
			+ .,	++	
	TRENCH SAFETY SYSTEM FOR TRENCH	000	60.0E		¢ 00
161	EXCAVATIONS FOR SANITARY SEWER FORCE MAIN (5-10 FOOT DEPTH)	.000	\$2.35	LF	\$.00
, L				L	I

162	TRENCH SAFETY SYSTEM FOR TRENCH EXCAVATIONS FOR SANITARY SEWER FORCE MAIN (10-20 FOOT DEPTH)	.000	\$6.25	LF	\$.00	
163	PROPOSED AIR RELEASE SANITARY SEWER MANHOLES	.000	\$5,700.00	EA	\$.00	
164	REMOVE AND DISPOSE OF 10" SANITARY FORCEMAIN	.000	\$7.50	LF	\$.00	
165	REMOVE AND DISPOSE OF AIR RELIEF VALVE MANHOLE	.000	\$155.00	EA	\$.00	
166	10" SANITARY FORCEMAIN (OPEN CUT)	.000	\$36.00	LF	\$.00	
167	SPECIAL EXCAVATION (MIN. BID \$10/CY)	.000	\$10.00	CY	\$.00	
168	SEAL SLAB FOR STORM SEWER (6") (MIN. BID \$25/SY)	.000	\$25.00	SY	\$.00	
169	WELL POINTING SYSTEM(MIN BID - \$25/LF)	.000	\$25.00	LF	\$.00	
170	ORANGE CONSTRUCTION SAFETY FENCE, AS DIRECTED BY ENGINEER, MIN BID - \$2/LF	.000	\$2.00	LF	\$.00	
171	MOWING PROJECT SITE	.000	\$450.00	CYCLE	\$.00	
172	UNIFORMED PEACE OFFICER (MIN BID - \$45/HR)	.000	\$45.00	HR	\$.00	
173	PROJECT SIGN JOINT PROJECT ADDITION	.000	\$400.00	LS	\$.00	
174	GAS LINE REMOVAL - Pct 3	.000	\$2,552.00	LS	\$.00	
175	PCT 3 FLOWABLE FILL	.000	\$7,126.60		\$.00	
178	RETURN OF 66" RCP TO SUPPLIER	.000	\$1,415.87	LS	\$.00	
180	NORTH HEADWALL CONCRETE WORK	1.000	\$57,543.85	LS	\$57,543.85	
Total PCO Amount \$59,203.85						

PCO - 13

Associated with RFI#

Justification: Pct 4 Overruns Include: Remove Concrete 6" Dowelled Curb - Item 4 - 10 LF Remove Concrete Payment - Item 5 - 36.11 SY Lime 3% - Item 18 - 28.45 TN Flyash 9% - Item 22 - 56.06 TN Trench Safety - Item 55 - 147 LF Trench Safety 10-15 - Item 56 - 64 LF 24" RCP - Item 59 - 3.5 LF Type A Inlet - Item 70 - 4 EA Cement Stabilized Sand - Item 101 - 10.11 TN Inlet Protection Stage 1 Inlet - Item 113 - 4 EA Furnish and Install 2/C #14 Stranded AWG - Item 133 - 9524 LF Furnish and Install Pull Box Type D - Item 154 - 1 EA

Item #	Description	Change Quantity	Unit Cost	Unit of	Change Amount
				Measure	
001	PROJECT SIGN	.000	\$750.00	EA	\$.00
002	CLEARING AND GRUBBING (ROADWAY)	.000	\$560,000.00	LS	\$.00
003	CLEARING AND GRUBBING (DETENTION)	.000	\$50,000.00	LS	\$.00
004	REMOVING CONCRETE (6" DOWELED CURB)	10.000	\$1.00	LF	\$10.00
005	REMOVING CONCRETE PAVEMENT	36.110	\$38.00	SY	\$1,372.18
006	REMOVE AND DISPOSE OF CONCRETE PAVEMENT, CURB, MEDIAN, SIDEWALK AND RAMP (ALL DEPTHS)	.000	\$22.00	SY	\$.00
007	ROADWAY EXCAVATION, INCLUDING 3" STRIPPING	.000	\$16.00	CY	\$.00
008	CHANNEL EXCAVATION UNDER BRIDGE	.000	\$13.00	CY	\$.00
009	DETENTION BASIN EXCAVATION, INCLUDING 3" STRIPPING	.000	\$9.50	СҮ	\$.00
010	BORROW	.000	\$11.50	CY	\$.00
011	REMOVE AND DISPOSE OF EXISTING CONCRETE OR METAL PIPE (ALL TYPES AND SIZES)	.000	\$6.50	LF	\$.00
012	REMOVING OLD STRUCTURES, MANHOLES (ALL DEPTHS)	.000	\$475.00	EA	\$.00
013	REMOVING OLD STRUCTURES, INLETS (ALL DEPTHS)	.000	\$475.00	EA	\$.00
014	REMOVING OLD STRUCTURES, BACKSLOPE INTERCEPTOR STRUCTURES (ALL DEPTHS)	.000	\$330.00	EA	\$.00
015	REMOVING OLD STRUCTURES (HEADWALL)	.000	\$2,950.00	EA	\$.00
016	REMOVE & RELOCATE OR DISPOSE OF TRAFFIC SIGNS, MAIL BOXES AND ROADWAY SIGNS	.000	\$55.00	EA	\$.00
017	VIDEO RECORDING CONSTRUCTION	.000	\$500.00	LS	\$.00
018	LIME (3%) (ROADWAY)	28.450	\$185.00	TN	\$5,263.25
019	LIME (3%) (PEDESTRIAN TRAIL)	.000	\$185.00	TN	\$.00
020	MANIPULATION OF LIME-FLYASH STABILIZED SUBGRADE - 8" DEPTH (3% LIME AND 9% FLYASH) (ROADWAY)	.000	\$3.00	SY	\$.00
021	MANIPULATION OF LIME-FLYASH STABILIZED SUBGRADE - 6" DEPTH (3% LIME AND 9% FLYASH) (PEDESTRIAN TRAIL)	.000	\$8.00	SY	\$.00
022	FLYASH (9%) (ROADWAY)	56.060	\$88.00	TN	\$4,933.28
023	FLYASH (9%) (PEDESTRIAN TRAIL)	.000	\$88.00	TN	\$.00
024	REINFORCED CONCRETE PAVEMENT (10" DEPTH)	.000	\$54.40	SY	\$.00
025	REINFORCED CONCRETE PAVEMENT (PEDESTRIAN	.000	\$64.00	SY	\$.00

	1		1		
	TRAIL)(5" DEPTH)				
026	FLEX BEAM GUARD RAIL, W/MOW STRIP	.000	\$63.00	LF	\$.00
027	FLEX BEAM TURN DOWN TERMINAL SECTION (25' LONG) W/ ANCHOR	.000	\$1,150.00	EA	\$.00
028	6" CONCRETE CURB	.000	\$2.85	LF	\$.00
029	6" CONCRETE CURB (DOWEL)	.000	\$5.75	LF	\$.00
	FURNISH AND INSTALL TYPE NINE (9) REINFORCED				
030	CONCRETE RAMP	.000	\$1,200.00	EA	\$.00
031	FURNISH AND INSTALL TYPE (12) REINFORCED CONCRETE RAMP	.000	\$1,550.00	EA	\$.00
032	FURNISH AND INSTALL 4 1/2" REINFORCED CONCRETE SIDEWALK	.000	\$57.00	SY	\$.00
033	ESPLANADES, MEDIANS, AND DIRECTIONAL ISLANDS (6") CONCRETE	.000	\$90.00	SY	\$.00
034	COLORING OF CONCRETE (BLACK) IN MEDIAN NOSES	.000	\$160.00	SY	\$.00
035	CONCRETE CHANNEL LINING (5")	.000	\$60.00	SY	\$.00
036	ALUMINUM SIGNS (GROUND MOUNTED) - FURNISH AND INSTALL	.000	\$275.00	EA	\$.00
037	OBJECT MARKERS (GROUND MOUNTED) - FURNISH AND INSTALL	.000	\$170.00	EA	\$.00
038	INSTL DEL ASSM(D-SY)SZ(BRF)GF1	.000	\$55.00	EA	\$.00
038	INSTL DEL ASSM(D-ST)SZ(BRF)GF1	.000	\$55.00	EA	\$.00
039	INSTL DEL ASSM(D-SW)32(BRF)GF2	.000	\$55.00	EA	\$.00
040	INSTL DEL ASSM(D-ST)SZ(BRF)GF2	.000	\$55.00	EA	\$.00
041	INSTE DEL ASSIM(D-SW)SZ(BRF)GFZ	.000	\$55.00	EA	\$.00
043	INSTL DEL ASSM(D-SW)SZ(BRF)CTB	.000	\$55.00	EA	\$.00
044	REFLOCTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) 4" WHITE/BROKEN - FURNISH AND APPLIED	.000	\$1.10	LF	\$.00
045	REFLECTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) 8" WHITE/SOLID - FURNISH AND APPLIED	.000	\$1.60	LF	\$.00
046	REFLECTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) 12" WHITE/SOLID - FURNISH AND APPLIED	.000	\$3.80	LF	\$.00
047	REFLECTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) 24" WHITE/SOLID - FURNISH AND APPLIED	.000	\$7.00	LF	\$.00
048	REFLOCTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) SINGLE ARROW (WHITE) - FURNISH AND APPLIED	.000	\$170.00	EA	\$.00
049	REFLOCTORIZED PAVEMENT MARKING TYPE I (THERMOPLASTIC) WORD "ONLY" (WHITE) - FURNISH AND APPLIED	.000	\$170.00	EA	\$.00
050	PAINT CURB AT MEDIAN NOSE (YELLOW)	.000	\$.80	LF	\$.00
051	TRAFFIC PAINT (SOLVENT BASED) 4" SOLID YELLOW STRIPE	.000	\$.25	LF	\$.00
052	REFLECTORIZED PAVEMENT MARKERS TYPE II-C-R - FURNISH & INSTALL	.000	\$4.50	EA	\$.00
053	NON-REFLECTORIZED CERAMIC TRAFFIC BUTTONS (WHITE) - FURNISH AND INSTALL	.000	\$4.00	EA	\$.00
054	24" CONCRETE COLLAR	.000	\$440.00	СҮ	\$.00
055	TRENCH SAFETY SYSTEMS, 5-10 FOOT DEPTH	147.000	\$1.50	LF	\$220.50
055	TRENCH SAFETY SYSTEMS, 10-15 FOOT DEPTH	64.000	\$2.00	LF	\$128.00
050	TIMBER BENT FOR 66-INCH CGMP OUTFALL	.000	\$1,800.00	EA	\$.00
058	TIMBER BENT FOR 54-INCH CGMP OUTFALL	.000	\$1,700.00	EA	\$.00
059	REINFORCED CONCRETE PIPE, C76, CLASS III,	3.500	\$78.00	LF	\$273.00
000	RUBBER GASKET (24")				
060	REINFORCED CONCRETE PIPE, C76, CLASS III,	.000	\$130.00	LF	\$.00

	RUBBER GASKET (36")				
061	REINFORCED CONCRETE PIPE, C76, CLASS III,	.000	\$161.00	LF	\$.00
001	RUBBER GASKET (42")	.000	\$101.00	Ľ1	9.00
062	REINFORCED CONCRETE PIPE, C76, CLASS III,	.000	\$179.00	LF	\$.00
002	RUBBER GASKET (48")	.000	\$175.00		٥٥. ډ
063	REINFORCED CONCRETE PIPE, C76, CLASS III,	.000	\$327.00	LF	\$.00
005	RUBBER GASKET (66")	.000		Ľ!	
064	CONNECT 24" RCP TO EXIST INLET	.000	\$502.00	EA	\$.00
	PRECAST STANDARD MANHOLE WITH DEPTH				
065	GREATER THAN 5 FEET AND LESS THAN 10 FEET	.000	\$3,000.00	EA	\$.00
	WITH INLET TOP				
066	PRECAST STANDARD MANHOLE WITH DEPTH	.000	\$4,650.00	EA	\$.00
	GREATER THAN 5 FEET AND LESS THAN 10 FEET		\$ 1,050.00	2,,	<i></i>
	PRECAST CONCRETE EXTRA DEPTH JUNCTION BOX				
067	WITH MANHOLE WITH DEPTH GREATER THAN 10	.000	\$7,650.00	EA	\$.00
	FEET				
068	PRECAST TYPE "BB" INLET	.000	\$2,650.00	EA	\$.00
069	PRECAST TYPE "C" INLET	.000	\$4,000.00	EA	\$.00
070	PRECAST TYPE "A" MODIFIED INLET	2.000	\$2,500.00	EA	\$5,000.00
071	ADJUSTING MANHOLES	.000	\$465.00	EA	\$.00
072	REINFORCED CONCRETE BOX, C1433 (DEPTHS) -	.000	\$850.00	LF	\$.00
	(10'X10'), RUBBER GASKET				T ····
073	REINFORCED CONCRETE BOX, C1433 (DEPTHS) -	.000	\$779.00	LF	\$.00
	(10'X8'), RUBBER GASKET				
074	WINGWALL (PW-1) (HW = 13 FT)	.000	\$230,000.00	EA	\$.00
075	WINGWALL (PW-1) (HW = 15 FT)	.000	\$208,000.00	EA	\$.00
076	WINGWALL (PW-1) (HW = 11.5 FT)	.000	\$73,000.00	EA	\$.00
077	WINGWALL (FW-0) (HW = 10 FT)	.000	\$36,000.00	EA	\$.00
078	CCTV INSPECTION OF THE NEW STORM SEWER	.000	\$6.00	LF	\$.00
	TRUNKLINE (ALL SIZES)				
070	INSTALLATION OF 24" THICK CLAY LINER ON SIDE	000	624.50		¢ 00
079	SLOPES OF CHANNEL AND BASIN PER GEOTECH REPORT	.000	\$24.50	CY	\$.00
080	BACKSLOPE DRAINAGE SYSTEMS SWALES	.000	\$5.75	LF	\$.00
080	OFFSITE DITCH INTERCEPTOR STRUCTURE	.000	\$5.75	LF	
081	(INCLUDING CEMENT STABILIZED SAND)	.000	\$1,000.00	EA	\$.00
	REINFORCED CONCRETE PILOT CHANNEL (6" THICK)				
082	(INCLUDING TOE WALLS AND CONTROL	.000	\$59.00	SY	\$.00
002	STRUCTURE)	.000	\$33.00		<i>ç</i>
083	RIPRAP GRADATION NO. 1 AND GRANULAR FILL	.000	\$76.00	SY	\$.00
084	RIPRAP GRADATION NO. 2 AND GRANULAR FILL	.000	\$90.00	SY	\$.00
	CORREGATED METAL PIPE PRE-COATED				
085	GALVANIZED, 16 GUAGE (24")	.000	\$90.00	LF	\$.00
	CORREGATED METAL PIPE PRE-COATED		4000 00		
086	GALVANIZED, 16 GUAGE (66")	.000	\$200.00	LF	\$.00
	CORREGATED METAL PIPE PRE-COATED	200	6474.00		<u> </u>
087	GALVANIZED, 16 GUAGE (54")	.000	\$174.00	LF	\$.00
088	DRILLED SHAFT FOUNDATIONS (18" DIA)	.000	\$84.00	LF	\$.00
089	DRILLED SHAFT FOUNDATIONS (36" DIA)	.000	\$204.00	LF	\$.00
090	DRILLED SHAFT FOUNDATIONS (42" DIA)	.000	\$271.00	LF	\$.00
091	CLASS "B1" CONCRETE, ABUTMENT	.000	\$756.00	СҮ	\$.00
092	CLASS "B1" CONCRETE, COMBINATION PARAPET	.000	\$1,425.00	СҮ	\$.00
093	CLASS "B1" CONCRETE, CAP	.000	\$755.00	СҮ	\$.00
094	CLASS "B1" CONCRETE, COLUMN	.000	\$804.00	CY	\$.00
095	CLASS "A1" CONCRETE, APPROACH SLAB	.000	\$174.00	SY	\$.00
096	CLASS "A1" CONCRETE, BRIDGE CURB	.000	\$149.00	SY	\$.00
097	CLASS "A1" CONCRETE, BRIDGE SIDEWALK	.000	\$107.00	SY	\$.00
098	CLASS "A1" CONCRETE, BRIDGE DECK	.000	\$146.00	SY	\$.00
099	PRESTR CONC TXGIRDERS (TX34)	.000	\$143.50	LF	\$.00
100	PRESTR CONC TXGIRDERS (TX54)	.000	\$157.50	LF	\$.00

101		10.110	¢00.00	CV I	¢202.20
101	CEMENT STABILZED SAND	.000	\$80.00 \$15.50	CY LB	\$808.80
102 103	JOINT COVER PLATES BRIDGE PLAQUE	.000	\$15.50	EA	\$.00 \$.00
103	TRAFFIC RAIL	.000	\$76.00	LF	\$.00
104	COMBINATION RAIL	.000	\$122.00		\$.00
105	PEDESTRIAN RAIL	.000	\$83.00		\$.00
100	SEALED EXPANSION JOINT (TYPE M)	.000	\$136.00	LF	\$.00
107	TRAFFIC CONTROL - FURNISH, INSTALL & REMOVE	.000	\$380.00	MO	\$.00
108	SODDING FOR EROSION CONTROL AND FINAL	.000	\$360.00	IVIO	\$.00
109	STABILIZATION	.000	\$3.40	SY	\$.00
110	HYDRO-MULCH SEEDING (FOR EROSION CONTROL AND FINAL STABILIZATION)	.000	\$1,300.00	AC	\$.00
111	TPDES GENERAL PERMIT NO. TXR 15000, NOTICE OF INTENT (NOI) APPLICATION FEES (CONTRACOR'S NOI FEE & HARRIS COUNTY'S NOI FEE, EACH FEE SHALL BE SET PRICE OF \$325.00)	.000	\$325.00	EA	\$.00
112	REINFORCED FILTER FABRIC BARRIER (60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$1.80	LF	\$.00
113	INLET PROTECTION BARRIER (STAGE I INLETS, WITH REINFORCED FILTER FABRIC FENCE; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	4.000	\$110.00	EA	\$440.00
114	STABILIZED CONSTRUCTION ACCESS (TYPE I - ROCK; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$20.00	SY	\$.00
115	CONCRETE TRUCK WASHOUT STRUCTURES (60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$1,600.00	LS	\$.00
116	INLET PROTECTION BARRIER (STAGE II INLETS, GRAVEL BAGS; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$49.00	EA	\$.00
117	ROCK FILTER DAMS (TYPE 3; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$11.00	LF	\$.00
118	SWPPP INSPECTION AND MAINTENANCE (MIN BID \$6000/MO)	.000	\$6,000.00	МО	\$.00
119	FURNISH AND INSTALL 36" DRILLED SHAFT TRAFFIC SIGNAL POLE FOUNDATION FOR 34' POLES, AND ANCHOR BOLTS (USE CLASS B CONCRETE FOR FOUNDATION)	.000	\$272.00	VF	\$.00
120	JACKING AND BORING PIPE, 4"	.000	\$17.00	LF	\$.00
121	FURNISH AND INSTALL SPAN WIRE MOUNTED R10- 17 T "LEFT TURN YIELD ON FLASHING YELLOW ARROW" SIGN (30" X 30")	.000	\$205.00	EA	\$.00
122	FURNISH AND INSTALL "LOUETTA RD" STREET SIGN, DIAMOND GRADE, (D3-1; 18" X 60")	.000	\$255.00	EA	\$.00
123	FURNISH AND INSTALL "STABLEWOOD FARMS RD" STREET SIGN, DIAMOND GRADE, (D3-1; 18" X 114")	.000	\$432.00	EA	\$.00
124	FURNISH AND INSTALL 1" SCHEDULE 40 PVC CONDUIT	.000	\$8.00	LF	\$.00
125	FURNISH AND INSTALL 2" SCHEDULE 40 PVC CONDUIT	.000	\$10.00	LF	\$.00
126	FURNISH AND INSTALL 3" SCHEDULE 40 PVC CONDUIT	.000	\$12.00	LF	\$.00
127	Furnish and Install 3" (BORE) Schedule 40 PVC Conduit	.000	\$16.00	LF	\$.00
128	FURNISH AND INSTALL 4" SCHEDULE 40 PVC	.000	\$14.00	LF	\$.00

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	CONDUIT				·
129	Furnish and Install 4" (BORE) Schedule 40 PVC	.000	\$17.00	LF	\$.00
130	FURNISH AND INSTALL 2" RIGID METAL CONDUIT	.000	\$8.00	LF	\$.00
131	FURNISH AND INSTALL #4 AWG, XHHW (STRANDED) WIRE	.000	\$1.50	LF	\$.00
132	FURNISH AND INSTALL #8 AWG, BARE COPPER (SOLID) WIRE WITH GROUNDING HARDWARE	.000	\$.80	LF	\$.00
133	FURNISH AND INSTALL 2/C #14 STRANDED AWG (IMSA 20-1) (STRANDED) CABLE	9,524.000	\$.90	LF	\$8,571.60
134	FURNISH AND INSTALL 2/C #14 STRANDED AWG (IMSA 50-2) (STRANDED) CABLE	.000	\$.80	LF	\$.00
135	FURNISH AND INSTALL 4/C #14 STRANDED AWG (IMSA 20-1) (STRANDED) CABLE	.000	\$1.25	LF	\$.00
136	FURNISH AND INSTALL 7/C #14 STRANDED AWG (IMSA 20-1) (STRANDED) CABLE	.000	\$1.75	LF	\$.00
137	FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE ASSEMBLY (STL) STRAIN POLE	.000	\$6,000.00	EA	\$.00
	FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE			+ +	
138	ASSEMBLY (STL) STRAIN POLE WITH 15' LUMINAIRE ARM AND SHORTING CAP	.000	\$7,200.00	EA	\$.00
139	FURNISH AND INSTALL POWER SERVICE POLE - TY D (120/240)70(NS)SS(E)SP(O)	.000	\$4,600.00	EA	\$.00
140	INSTALL STEEL PEDESTAL POLE WITH FOUNDATION	.000	\$1,500.00	EA	\$.00
141	FURNISH AND INSTALL STEEL PEDESTAL POLE WITH	.000	\$1,500.00	EA	\$.00
T.4 T	FOUNDATION		91,500.00		
142	FURNISH AND INSTALL 400 WATT EQUIVALENT LED LUMINAIRE ON 15' ARMS WITH A PHOTOELECTRIC CELL	.000	\$500.00	EA	\$.00
143	INSTALL ONE-WAY 3-SECTION 12" LED HORIZ SIGNAL HEAD (RYG)	.000	\$550.00	EA	\$.00
144	INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RFYYG)	.000	\$700.00	EA	\$.00
145	FURNISH AND INSTALL ONE-WAY 3-SECTION 12" LED HORIZ SIGNAL HEAD (RYG)	.000	\$550.00	EA	\$.00
146	FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG)	.000	\$700.00	EA	\$.00
147	FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ. SIGNAL HEAD (RFYYG)	.000	\$700.00	EA	\$.00
148	FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ. SIGNAL HEAD (RRYG)	.000	\$700.00	EA	\$.00
149	FURNISH AND INSTALL 48", LED SIGN LIGHT ASSEMBLY WITH "LEFT TURN SIGNAL" SIGN (48"X12")	.000	\$500.00	EA	\$.00
150	INSTALL LED (AC INPUT VOLTAGE) SINGLE SECTION SYMBOLIC PEDESTRIAN (COUNTDOWN) SIGNAL ASSEMBLY, ALL HARDWARE	.000	\$450.00	EA	\$.00
151	FURNISH AND INSTALL PEDESTRIAN PUSH BUTTON STATION (RIGHT ARROW, LEFT ARROW, DOUBLE ARROW)	.000	\$250.00	EA	\$.00
152	INSTALL "COUNTDOWN PEDESTRIAN LED SIGNAL HEAD" W/ PUSH BUTTON AND SIGN	.000	\$700.00	EA	\$.00
153	FURNISH AND INSTALL "COUNTDOWN PEDESTRIAN LED SIGNAL HEAD" W/ PUSH BUTTON AND SIGN	.000	\$700.00	EA	\$.00
154	FURNISH AND INSTALL PULL BOX (TYPE D) WITH LID APRON	1.000	\$1,000.00	EA	\$1,000.00
155	FURNISH AND INSTALL GROUND BOX WITH LID AND APRON	.000	\$1,600.00	EA	\$.00
156	FURNISH AND INSTALL TRAFFIC SIGNAL SYSTEM	.000	\$16,000.00	LS	\$.00
157	SAWCUT AND INSTALL VEHICLE LOOP DETECTORS,	.000	\$9.00	LF	\$.00

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	INCLUDING LOOP WIRE				
158	FURNISH AND INSTALL GROUND MOUNT ITS CONTROLLER CABINET ASSEMBLY (HC)(HOUSING 3) WITH SIDE MOUNTED BATTERY BACKUP SYSTEM (BBS)	.000	\$34,000.00	EA	\$.00
159	FURNISH AND INSTALL A REINFORCED CONCRETE FOUNDATION FOR ITS CONTROLLER CABINET (HOUSING 3)	.000	\$2,750.00	EA	\$.00
160	FURNISH AND INSTALL AN ATC 2071 LCS CONTROLLER UNIT	.000	\$4,000.00	EA	\$.00
161	TRENCH SAFETY SYSTEM FOR TRENCH EXCAVATIONS FOR SANITARY SEWER FORCE MAIN (5-10 FOOT DEPTH)	.000	\$2.35	LF	\$.00
162	TRENCH SAFETY SYSTEM FOR TRENCH EXCAVATIONS FOR SANITARY SEWER FORCE MAIN (10-20 FOOT DEPTH)	.000	\$6.25	LF	\$.00
163	PROPOSED AIR RELEASE SANITARY SEWER MANHOLES	.000	\$5,700.00	EA	\$.00
164	REMOVE AND DISPOSE OF 10" SANITARY FORCEMAIN	.000	\$7.50	LF	\$.00
165	REMOVE AND DISPOSE OF AIR RELIEF VALVE MANHOLE	.000	\$155.00	EA	\$.00
166	10" SANITARY FORCEMAIN (OPEN CUT)	.000	\$36.00	LF	\$.00
167	SPECIAL EXCAVATION (MIN. BID \$10/CY)	.000	\$10.00	CY	\$.00
168	SEAL SLAB FOR STORM SEWER (6") (MIN. BID \$25/SY)	.000	\$25.00	SY	\$.00
169	WELL POINTING SYSTEM(MIN BID - \$25/LF)	.000	\$25.00	LF	\$.00
170	ORANGE CONSTRUCTION SAFETY FENCE, AS DIRECTED BY ENGINEER, MIN BID - \$2/LF	.000	\$2.00	LF	\$.00
171	MOWING PROJECT SITE	.000	\$450.00	CYCLE	\$.00
172	UNIFORMED PEACE OFFICER (MIN BID - \$45/HR)	.000	\$45.00	HR	\$.00
Total PCO Amount\$28,020.61					

PCO - 14

Justification: PCT 4- The Telge side has an estimated amount of 4,244 LF of Item 134 stranded signal cable, while the plans call for 650 LF. Add 3,594 LF @ .80\$/LF = \$2,875.2

Item #	Description	Change Quantity	Unit Cost	Unit of Measure	Change Amount
001	PROJECT SIGN	.000	\$750.00	EA	\$.00
002	CLEARING AND GRUBBING (ROADWAY)	.000	\$560,000.00	LS	\$.00
003	CLEARING AND GRUBBING (DETENTION)	.000	\$50,000.00	LS	\$.00
004	REMOVING CONCRETE (6" DOWELED CURB)	.000	\$1.00	LF	\$.00
005	REMOVING CONCRETE PAVEMENT	.000	\$38.00	SY	\$.00
	REMOVE AND DISPOSE OF CONCRETE PAVEMENT,				
006	CURB, MEDIAN, SIDEWALK AND RAMP (ALL DEPTHS)	.000	\$22.00	SY	\$.00
007	ROADWAY EXCAVATION, INCLUDING 3" STRIPPING	.000	\$16.00	CY	\$.00
008	CHANNEL EXCAVATION UNDER BRIDGE	.000	\$13.00	CY	\$.00
009	DETENTION BASIN EXCAVATION, INCLUDING 3" STRIPPING	.000	\$9.50	CY	\$.00
010	BORROW	.000	\$11.50	CY	\$.00
011	REMOVE AND DISPOSE OF EXISTING CONCRETE OR METAL PIPE (ALL TYPES AND SIZES)	.000	\$6.50	LF	\$.00
012	REMOVING OLD STRUCTURES, MANHOLES (ALL DEPTHS)	.000	\$475.00	EA	\$.00
013	REMOVING OLD STRUCTURES, INLETS (ALL DEPTHS)	.000	\$475.00	EA	\$.00
014	REMOVING OLD STRUCTURES, BACKSLOPE INTERCEPTOR STRUCTURES (ALL DEPTHS)	.000	\$330.00	EA	\$.00
015	REMOVING OLD STRUCTURES (HEADWALL)	.000	\$2,950.00	EA	\$.00
016	REMOVE & RELOCATE OR DISPOSE OF TRAFFIC SIGNS, MAIL BOXES AND ROADWAY SIGNS	.000	\$55.00	EA	\$.00
017	VIDEO RECORDING CONSTRUCTION	.000	\$500.00	LS	\$.00
018	LIME (3%) (ROADWAY)	.000	\$185.00	TN	\$.00
019	LIME (3%) (PEDESTRIAN TRAIL)	.000	\$185.00	TN	\$.00
020	MANIPULATION OF LIME-FLYASH STABILIZED SUBGRADE - 8" DEPTH (3% LIME AND 9% FLYASH) (ROADWAY)	.000	\$3.00	SY	\$.00
021	MANIPULATION OF LIME-FLYASH STABILIZED SUBGRADE - 6" DEPTH (3% LIME AND 9% FLYASH) (PEDESTRIAN TRAIL)	.000	\$8.00	SY	\$.00
022	FLYASH (9%) (ROADWAY)	.000	\$88.00	TN	\$.00
023	FLYASH (9%) (PEDESTRIAN TRAIL)	.000	\$88.00	TN	\$.00
024	REINFORCED CONCRETE PAVEMENT (10" DEPTH)	.000	\$54.40	SY	\$.00
025	REINFORCED CONCRETE PAVEMENT (PEDESTRIAN TRAIL)(5" DEPTH)	.000	\$64.00	SY	\$.00
026	FLEX BEAM GUARD RAIL, W/MOW STRIP	.000	\$63.00	LF	\$.00
027	FLEX BEAM TURN DOWN TERMINAL SECTION (25' LONG) W/ ANCHOR	.000	\$1,150.00	EA	\$.00
028	6" CONCRETE CURB	.000	\$2.85	LF	\$.00
029	6" CONCRETE CURB (DOWEL)	.000	\$5.75	LF	\$.00
030	FURNISH AND INSTALL TYPE NINE (9) REINFORCED CONCRETE RAMP	.000	\$1,200.00	EA	\$.00
031	FURNISH AND INSTALL TYPE (12) REINFORCED CONCRETE RAMP	.000	\$1,550.00	EA	\$.00
032	FURNISH AND INSTALL 4 1/2" REINFORCED CONCRETE SIDEWALK	.000	\$57.00	SY	\$.00
033	ESPLANADES, MEDIANS, AND DIRECTIONAL ISLANDS (6") CONCRETE	.000	\$90.00	SY	\$.00

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034	COLORING OF CONCRETE (BLACK) IN MEDIAN	.000	\$160.00	SY	\$.00
035	NOSES CONCRETE CHANNEL LINING (5")	.000	\$60.00	SY	\$.00
	ALUMINUM SIGNS (GROUND MOUNTED) - FURNISH		· ·		
036	AND INSTALL	.000	\$275.00	EA	\$.00
037	OBJECT MARKERS (GROUND MOUNTED) - FURNISH	.000	¢170.00		\$.00
037	AND INSTALL	.000	\$170.00	EA	\$.00
038	INSTL DEL ASSM(D-SY)SZ(BRF)GF1	.000	\$55.00	EA	\$.00
039	INSTL DEL ASSM(D-SW)SZ(BRF)GF1	.000	\$55.00	EA	\$.00
040	INSTL DEL ASSM(D-SY)SZ(BRF)GF2	.000	\$55.00	EA	\$.00
041	INSTL DEL ASSM(D-SW)SZ(BRF)GF2	.000	\$55.00	EA	\$.00
042	INSTL DEL ASSM(D-SY)SZ(BRF)CTB	.000	\$55.00	EA	\$.00
043	INSTL DEL ASSM(D-SW)SZ(BRF)CTB REFLOCTORIZED PAVEMENT MARKING TYPE I	.000	\$55.00	EA	\$.00
044		.000	ć1 10	LF	\$.00
044	(THERMOPLASTIC) 4" WHITE/BROKEN - FURNISH AND APPLIED	.000	\$1.10		Ş.UU
	REFLECTORIZED PAVEMENT MARKING TYPE I				
045	(THERMOPLASTIC) 8" WHITE/SOLID - FURNISH AND	.000	\$1.60	LF	\$.00
	APPLIED		· · · · · · · · · · · · · · · · · · ·		-
	REFLECTORIZED PAVEMENT MARKING TYPE I				
046	(THERMOPLASTIC) 12" WHITE/SOLID - FURNISH	.000	\$3.80	LF	\$.00
	AND APPLIED				
	REFLECTORIZED PAVEMENT MARKING TYPE I		4- 65		
047	(THERMOPLASTIC) 24" WHITE/SOLID - FURNISH	.000	\$7.00	LF	\$.00
	AND APPLIED REFLOCTORIZED PAVEMENT MARKING TYPE I				
048	(THERMOPLASTIC) SINGLE ARROW (WHITE) -	.000	\$170.00	EA	\$.00
040	FURNISH AND APPLIED	.000	Ş170.00		٠.00 ا
	REFLOCTORIZED PAVEMENT MARKING TYPE I				
049	(THERMOPLASTIC) WORD "ONLY" (WHITE) -	.000	\$170.00	EA	\$.00
	FURNISH AND APPLIED				·
050	PAINT CURB AT MEDIAN NOSE (YELLOW)	.000	\$.80	LF	\$.00
051	TRAFFIC PAINT (SOLVENT BASED) 4" SOLID YELLOW	.000	\$.25	LF	\$.00
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052	REFLECTORIZED PAVEMENT MARKERS TYPE II-C-R -	.000	\$4.50	EA	\$.00
	FURNISH & INSTALL NON-REFLECTORIZED CERAMIC TRAFFIC BUTTONS				
053	(WHITE) - FURNISH AND INSTALL	.000	\$4.00	EA	\$.00
054	24" CONCRETE COLLAR	.000	\$440.00	СҮ	\$.00
055	TRENCH SAFETY SYSTEMS, 5-10 FOOT DEPTH	.000	\$1.50	LF	\$.00
056	TRENCH SAFETY SYSTEMS, 10-15 FOOT DEPTH	.000	\$2.00	LF	\$.00
057	TIMBER BENT FOR 66-INCH CGMP OUTFALL	.000	\$1,800.00	EA	\$.00
058	TIMBER BENT FOR 54-INCH CGMP OUTFALL	.000	\$1,700.00	EA	\$.00
059	REINFORCED CONCRETE PIPE, C76, CLASS III,	000	\$79.00	LF	\$.00
059	RUBBER GASKET (24")	.000	\$78.00		٠UU. ډ
060	REINFORCED CONCRETE PIPE, C76, CLASS III,	.000	\$130.00	LF	\$.00
	RUBBER GASKET (36")	.000	9130.00		÷
061	REINFORCED CONCRETE PIPE, C76, CLASS III,	.000	\$161.00	LF	\$.00
	RUBBER GASKET (42")				·
062	REINFORCED CONCRETE PIPE, C76, CLASS III, RUBBER GASKET (48")	.000	\$179.00	LF	\$.00
	REINFORCED CONCRETE PIPE, C76, CLASS III,				
063	RUBBER GASKET (66")	.000	\$327.00	LF	\$.00
064	CONNECT 24" RCP TO EXIST INLET	.000	\$502.00	EA	\$.00
	PRECAST STANDARD MANHOLE WITH DEPTH		,		T
065	GREATER THAN 5 FEET AND LESS THAN 10 FEET	.000	\$3,000.00	EA	\$.00
	WITH INLET TOP				
066	PRECAST STANDARD MANHOLE WITH DEPTH	.000	\$4,650.00	EA	\$.00
	GREATER THAN 5 FEET AND LESS THAN 10 FEET		. ,		
067	PRECAST CONCRETE EXTRA DEPTH JUNCTION BOX	.000	\$7,650.00	EA	\$.00

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	WITH MANHOLE WITH DEPTH GREATER THAN 10				
	FEET				
068	PRECAST TYPE "BB" INLET	.000	\$2,650.00	EA	\$.00
069	PRECAST TYPE "C" INLET	.000	\$4,000.00	EA	\$.00
070	PRECAST TYPE "A" MODIFIED INLET	.000	\$2,500.00	EA	\$.00
071	ADJUSTING MANHOLES	.000	\$465.00	EA	\$.00
072	REINFORCED CONCRETE BOX, C1433 (DEPTHS) -	.000	\$850.00	LF	\$.00
	(10'X10'), RUBBER GASKET				·
073	REINFORCED CONCRETE BOX, C1433 (DEPTHS) -	.000	\$779.00	LF	\$.00
074	(10'X8'), RUBBER GASKET	.000	¢220.000.00	EA	\$.00
074	WINGWALL (PW-1) (HW = 13 FT) WINGWALL (PW-1) (HW = 15 FT)	.000	\$230,000.00 \$208,000.00	EA	\$.00
075	WINGWALL (PW-1) (HW = 15 FT) $WINGWALL (PW-1) (HW = 11.5 FT)$.000	\$73,000.00	EA	\$.00
078	WINGWALL (PW-1) (HW = 11.5 PT) $WINGWALL (FW-0) (HW = 10 FT)$.000	\$36,000.00	EA	\$.00
0//	CCTV INSPECTION OF THE NEW STORM SEWER	.000	\$30,000.00	LA	
078	TRUNKLINE (ALL SIZES)	.000	\$6.00	LF	\$.00
	INSTALLATION OF 24" THICK CLAY LINER ON SIDE				
079	SLOPES OF CHANNEL AND BASIN PER GEOTECH	.000	\$24.50	СҮ	\$.00
	REPORT		<i>+</i> -		÷ loo
080	BACKSLOPE DRAINAGE SYSTEMS SWALES	.000	\$5.75	LF	\$.00
	OFFSITE DITCH INTERCEPTOR STRUCTURE				
081	(INCLUDING CEMENT STABILIZED SAND)	.000	\$1,000.00	EA	\$.00
	REINFORCED CONCRETE PILOT CHANNEL (6" THICK)				
082	(INCLUDING TOE WALLS AND CONTROL	.000	\$59.00	SY	\$.00
	STRUCTURE)				
083	RIPRAP GRADATION NO. 1 AND GRANULAR FILL	.000	\$76.00	SY	\$.00
084	RIPRAP GRADATION NO. 2 AND GRANULAR FILL	.000	\$90.00	SY	\$.00
085	CORREGATED METAL PIPE PRE-COATED	.000	\$90.00	LF	\$.00
- 085	GALVANIZED, 16 GUAGE (24")	.000	\$90.00	LI	00. ډ
086	CORREGATED METAL PIPE PRE-COATED	.000	\$200.00	LF	\$.00
	GALVANIZED, 16 GUAGE (66")	.000	\$200.00		<i>Ş</i> .00
087	CORREGATED METAL PIPE PRE-COATED	.000	\$174.00	LF	\$.00
	GALVANIZED, 16 GUAGE (54")		-		
088	DRILLED SHAFT FOUNDATIONS (18" DIA)	.000	\$84.00	LF	\$.00
089	DRILLED SHAFT FOUNDATIONS (36" DIA)	.000	\$204.00	LF	\$.00
090	DRILLED SHAFT FOUNDATIONS (42" DIA)	.000	\$271.00	LF	\$.00
091	CLASS "B1" CONCRETE, ABUTMENT	.000	\$756.00	CY CY	\$.00
	CLASS "B1" CONCRETE, COMBINATION PARAPET		\$1,425.00		\$.00 \$.00
093	CLASS "B1" CONCRETE, CAP CLASS "B1" CONCRETE, COLUMN	.000	\$755.00	CY	
094	CLASS BI CONCRETE, COLOIVIN CLASS "A1" CONCRETE, APPROACH SLAB	.000	\$804.00 \$174.00	CY SY	\$.00 \$.00
095	CLASS AT CONCRETE, APPROACH SLAB	.000	\$174.00	SY	\$.00
098	CLASS AT CONCRETE, BRIDGE CORB	.000	\$149.00	SY	\$.00
097	CLASS AT CONCRETE, BRIDGE SIDEWALK	.000	\$107.00	SY	\$.00
098	PRESTR CONC TXGIRDERS (TX34)	.000	\$140.00	LF	\$.00
100	PRESTR CONC TXGIRDERS (TX54)	.000	\$157.50	LF	\$.00
100	CEMENT STABILZED SAND	.000	\$80.00	CY	\$.00
101	JOINT COVER PLATES	.000	\$15.50	LB	\$.00
102	BRIDGE PLAQUE	.000	\$2,200.00	EA	\$.00
103	TRAFFIC RAIL	.000	\$76.00	LF	\$.00
104	COMBINATION RAIL	.000	\$122.00	LF	\$.00
106	PEDESTRIAN RAIL	.000	\$83.00	LF	\$.00
107	SEALED EXPANSION JOINT (TYPE M)	.000	\$136.00	LF	\$.00
108	TRAFFIC CONTROL - FURNISH, INSTALL & REMOVE	.000	\$380.00	MO	\$.00
-	SODDING FOR EROSION CONTROL AND FINAL				
109	STABILIZATION	.000	\$3.40	SY	\$.00
110	HYDRO-MULCH SEEDING (FOR EROSION CONTROL	000	61 200 00		¢ 00
110	AND FINAL STABILIZATION)	.000	\$1,300.00	AC	\$.00
111	TPDES GENERAL PERMIT NO. TXR 15000, NOTICE OF	.000	\$325.00	EA	\$.00
111	INTENT (NOI) APPLICATION FEES (CONTRACOR'S	.000	÷525.00	EA	٠UU. چ

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	NOI FEE & HARRIS COUNTY'S NOI FEE, EACH FEE SHALL BE SET PRICE OF \$325.00)				
112	REINFORCED FILTER FABRIC BARRIER (60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$1.80	LF	\$.00
113	INLET PROTECTION BARRIER (STAGE I INLETS, WITH REINFORCED FILTER FABRIC FENCE; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$110.00	EA	\$.00
114	STABILIZED CONSTRUCTION ACCESS (TYPE I - ROCK; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$20.00	SY	\$.00
115	CONCRETE TRUCK WASHOUT STRUCTURES (60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$1,600.00	LS	\$.00
116	INLET PROTECTION BARRIER (STAGE II INLETS, GRAVEL BAGS; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$49.00	EA	\$.00
117	ROCK FILTER DAMS (TYPE 3; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	.000	\$11.00	LF	\$.00
118	SWPPP INSPECTION AND MAINTENANCE (MIN BID \$6000/MO)	.000	\$6,000.00	МО	\$.00
119	FURNISH AND INSTALL 36" DRILLED SHAFT TRAFFIC SIGNAL POLE FOUNDATION FOR 34' POLES, AND ANCHOR BOLTS (USE CLASS B CONCRETE FOR FOUNDATION)	.000	\$272.00	VF	\$.00
120	JACKING AND BORING PIPE, 4"	.000	\$17.00	LF	\$.00
121	FURNISH AND INSTALL SPAN WIRE MOUNTED R10- 17 T "LEFT TURN YIELD ON FLASHING YELLOW ARROW" SIGN (30" X 30")	.000	\$205.00	EA	\$.00
122	FURNISH AND INSTALL "LOUETTA RD" STREET SIGN, DIAMOND GRADE, (D3-1; 18" X 60")	.000	\$255.00	EA	\$.00
123	FURNISH AND INSTALL "STABLEWOOD FARMS RD" STREET SIGN, DIAMOND GRADE, (D3-1; 18" X 114")	.000	\$432.00	EA	\$.00
124	FURNISH AND INSTALL 1" SCHEDULE 40 PVC CONDUIT	.000	\$8.00	LF	\$.00
125	FURNISH AND INSTALL 2" SCHEDULE 40 PVC CONDUIT	.000	\$10.00	LF	\$.00
126	FURNISH AND INSTALL 3" SCHEDULE 40 PVC CONDUIT	.000	\$12.00	LF	\$.00
127	Furnish and Install 3" (BORE) Schedule 40 PVC Conduit	.000	\$16.00	LF	\$.00
128	FURNISH AND INSTALL 4" SCHEDULE 40 PVC CONDUIT	.000	\$14.00	LF	\$.00
129	Furnish and Install 4" (BORE) Schedule 40 PVC Conduit	.000	\$17.00	LF	\$.00
130	FURNISH AND INSTALL 2" RIGID METAL CONDUIT	.000	\$8.00	LF	\$.00
131	FURNISH AND INSTALL #4 AWG, XHHW (STRANDED) WIRE	.000	\$1.50	LF	\$.00
132	FURNISH AND INSTALL #8 AWG, BARE COPPER (SOLID) WIRE WITH GROUNDING HARDWARE	.000	\$.80	LF	\$.00
133	FURNISH AND INSTALL 2/C #14 STRANDED AWG (IMSA 20-1) (STRANDED) CABLE	.000	\$.90	LF	\$.00
134	FURNISH AND INSTALL 2/C #14 STRANDED AWG (IMSA 50-2) (STRANDED) CABLE	3,594.000	\$.80	LF	\$2,875.20
135	FURNISH AND INSTALL 4/C #14 STRANDED AWG (IMSA 20-1) (STRANDED) CABLE	.000	\$1.25	LF	\$.00
136	FURNISH AND INSTALL 7/C #14 STRANDED AWG	.000	\$1.75	LF	\$.00

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ļ'	(IMSA 20-1) (STRANDED) CABLE	 		ļ!	<u> </u>
137	FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE ASSEMBLY (STL) STRAIN POLE	.000	\$6,000.00	EA	\$.00
138	FURNISH AND INSTALL 34' TRAFFIC SIGNAL POLE ASSEMBLY (STL) STRAIN POLE WITH 15' LUMINAIRE ARM AND SHORTING CAP	.000	\$7,200.00	EA	\$.00
139	FURNISH AND INSTALL POWER SERVICE POLE - TY D (120/240)70(NS)SS(E)SP(O)	.000	\$4,600.00	EA	\$.00
140	INSTALL STEEL PEDESTAL POLE WITH FOUNDATION	.000	\$1,500.00	EA	\$.00
141	FURNISH AND INSTALL STEEL PEDESTAL POLE WITH FOUNDATION	.000	\$1,500.00	EA	\$.00
142	FURNISH AND INSTALL 400 WATT EQUIVALENT LED LUMINAIRE ON 15' ARMS WITH A PHOTOELECTRIC CELL	.000	\$500.00	EA	\$.00
143	INSTALL ONE-WAY 3-SECTION 12" LED HORIZ SIGNAL HEAD (RYG)	.000	\$550.00	EA	\$.00
144	INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RFYYG)	.000	\$700.00	EA	\$.00
145	FURNISH AND INSTALL ONE-WAY 3-SECTION 12" LED HORIZ SIGNAL HEAD (RYG)	.000	\$550.00	EA	\$.00
146	FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ SIGNAL HEAD (RYGG)	.000	\$700.00	EA	\$.00
147	FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ. SIGNAL HEAD (RFYYG)	.000	\$700.00	EA	\$.00
148	FURNISH AND INSTALL ONE-WAY 4-SECTION 12" LED HORIZ. SIGNAL HEAD (RRYG)	.000	\$700.00	EA	\$.00
149	FURNISH AND INSTALL 48", LED SIGN LIGHT ASSEMBLY WITH "LEFT TURN SIGNAL" SIGN (48"X12")	.000	\$500.00	EA	\$.00
150	INSTALL LED (AC INPUT VOLTAGE) SINGLE SECTION SYMBOLIC PEDESTRIAN (COUNTDOWN) SIGNAL ASSEMBLY, ALL HARDWARE	.000	\$450.00	EA	\$.00
151	FURNISH AND INSTALL PEDESTRIAN PUSH BUTTON STATION (RIGHT ARROW, LEFT ARROW, DOUBLE ARROW)	.000	\$250.00	EA	\$.00
152	INSTALL "COUNTDOWN PEDESTRIAN LED SIGNAL HEAD" W/ PUSH BUTTON AND SIGN	.000	\$700.00	EA	\$.00
153	FURNISH AND INSTALL "COUNTDOWN PEDESTRIAN LED SIGNAL HEAD" W/ PUSH BUTTON AND SIGN	.000	\$700.00	EA	\$.00
154	FURNISH AND INSTALL PULL BOX (TYPE D) WITH LID APRON	.000	\$1,000.00	EA	\$.00
155	FURNISH AND INSTALL GROUND BOX WITH LID AND APRON	.000	\$1,600.00	EA	\$.00
156	FURNISH AND INSTALL TRAFFIC SIGNAL SYSTEM	.000	\$16,000.00	LS	\$.00
157	SAWCUT AND INSTALL VEHICLE LOOP DETECTORS, INCLUDING LOOP WIRE	.000	\$9.00	LF	\$.00
158	FURNISH AND INSTALL GROUND MOUNT ITS CONTROLLER CABINET ASSEMBLY (HC)(HOUSING 3) WITH SIDE MOUNTED BATTERY BACKUP SYSTEM (BBS)	.000	\$34,000.00	EA	\$.00
159	FURNISH AND INSTALL A REINFORCED CONCRETE FOUNDATION FOR ITS CONTROLLER CABINET (HOUSING 3)	.000	\$2,750.00	EA	\$.00
160	FURNISH AND INSTALL AN ATC 2071 LCS CONTROLLER UNIT	.000	\$4,000.00	EA	\$.00
161	TRENCH SAFETY SYSTEM FOR TRENCH EXCAVATIONS FOR SANITARY SEWER FORCE MAIN (5-10 FOOT DEPTH)	.000	\$2.35	LF	\$.00
162	TRENCH SAFETY SYSTEM FOR TRENCH EXCAVATIONS FOR SANITARY SEWER FORCE MAIN	.000	\$6.25	LF	\$.00

	(10-20 FOOT DEPTH)				
163	PROPOSED AIR RELEASE SANITARY SEWER MANHOLES	.000	\$5,700.00	EA	\$.00
164	REMOVE AND DISPOSE OF 10" SANITARY FORCEMAIN	.000	\$7.50	LF	\$.00
165	REMOVE AND DISPOSE OF AIR RELIEF VALVE MANHOLE	.000	\$155.00	EA	\$.00
166	10" SANITARY FORCEMAIN (OPEN CUT)	.000	\$36.00	LF	\$.00
167	SPECIAL EXCAVATION (MIN. BID \$10/CY)	.000	\$10.00	CY	\$.00
168	SEAL SLAB FOR STORM SEWER (6") (MIN. BID \$25/SY)	.000	\$25.00	SY	\$.00
169	WELL POINTING SYSTEM(MIN BID - \$25/LF)	.000	\$25.00	LF	\$.00
170	ORANGE CONSTRUCTION SAFETY FENCE, AS DIRECTED BY ENGINEER, MIN BID - \$2/LF	.000	\$2.00	LF	\$.00
171	MOWING PROJECT SITE	.000	\$450.00	CYCLE	\$.00
172	UNIFORMED PEACE OFFICER (MIN BID - \$45/HR)	.000	\$45.00	HR	\$.00
Total PCO Amount					\$2,875.20

Summary of Contract Cost

1. Original Contract Amount	\$8,793,296.85				
2. Previously Approved Changes in Contract	\$49,105.60				
3. Proposed Change in Contract	\$196,204.86				
4. Total Contract Value with approval of Change in Contract(s)	\$9,038,607.31				

Potential Change Order Summary

(PCO Details Attached)

PCO Number	PCO Subject	PCO Change Amount	Change in Days
PCO - 6	PCT 4 - The contractor has discovered that the force main on the Precinct 4 side is in conflict with the 54" CMP pipe being that it sits at the same elevation. We are proposing that the force main pipe be lowered at enough depth to go under the CMP pipe, while adding 2 more joints of 10" pvc and 2 more 45 degree fittings - \$2,506.50 - 0 days (HCNTY- 0000015969)	\$2,506.50	0
PCO - 16	Outfall at Little Cypress Creek needs to lowered approx. 7'. Timber bent will be removed and rebuilt, and a manhole with be added to avoid having to lower the MUD force main \$46,203.58 - 3 days (HCNTY-0000015969)	\$46,203.58	3
PCO - 13	Pct 4 Overruns Include: Remove Concrete 6" Dowelled Curb - Item 4 - 10 LF Remove Concrete Payment - Item 5 - 36.11 SY Lime 3% - Item 18 - 28.45 TN Flyash 9% - Item 22 - 56.06 TN Trench Safety - Item 25 - 147 LF Trench Safety 10-15 - Item 56 - 64 LF 24" RCP - Item 59 - 3.5 LF Type A Inlet - Item 70 - 4 EA Cement Stabilized Sand - Item 101 - 10.11 TN Inlet Protection Stage 1 Inlet	\$28,020.61	0
PCO - 8	PCT 4 - Add pedestrian railing to headwalls - 119 LF to item #106 - \$9,877.00 - 2 days (HCNTY-0000015969)	\$9,877.00	2
PCO - 15	Pct 4 north headwall will be raised and lengthened to improve safety and drainage. Additional pedestrian railing will be added to lengthened sections. Existing concrete will be cut down 2', to expose rebar, then an additional 4'9" will be added back \$59,203.85 - 10 days (HCNTY-0000015969)	\$59,203.85	10
PCO - 17	Add inlet on back side of residential property, within ROW, to capture water. Tie into trunk line. Regrade area to drain to new inlet. Regrade south headwall area to drain to interceptor \$43,128.40 - 3 days (HCNTY-0000015969)	\$43,128.40	3
PCO - 4	Flowable fill was used instead of cement stabilized sand between the triple run of boxes. The \$4,389.72 is Pct 4's portion of the total cost \$4,389.72 - 0 days (HCNTY- 0000015969)	\$4,389.72	0
PCO - 14	PCT 4- The Telge side has an estimated amount of 4,244 LF of Item 134 stranded signal cable, while the plans call for 650 LF. Add 3,594 LF @ .80\$/LF = \$2,875.2 - \$2,875.20 - 0 days (HCNTY-0000015969)	\$2,875.20	0