



**COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET**
Frankfort, Kentucky 40622
www.transportation.ky.gov/

Matthew G. Bevin
Governor

Greg Thomas
Secretary

November 16, 2016

CALL NO. 100
CONTRACT ID NO. 161265
ADDENDUM # 2

Subject: Henderson County, STP 0601 (190)
Letting November 18, 2016

- (1) Revised - Plans - Sheet R2E
- (2) Revised - Plans - Sheet T7
- (3) Revised - Bid Items - Pages 206- 209 of 209

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in cursive script that reads "Rachel Mills".

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:ks
Enclosures



An Equal Opportunity Employer M/F/D

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
HENDERSON	2-79.30	R2E

REVISED 11-16-16

NOTES:

- ① FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY (1000 G/MI)
- ② REMOVAL OF EXISTING GUARDRAIL SHALL BE INCIDENTAL TO CLEARING & GRUBBING. GUARDRAIL SHALL BE HAULED TO BAILEY BRIDGE YARD, FRANKFORT, KENTUCKY.
- ③ INCLUDES 112 TONS CARRIED FORWARD FROM DRAINAGE SUMMARY
- ④ APPROXIMATELY 22.4 ACRES
- ⑤ FOR WRAPPING PIPE TRENCH BACKFILL
- ⑥ INCLUDES REMOVAL OF ABANDONED R.C.B.C. HEADWALL - STA. 3327+95
- ⑦ INCLUDES 18 SY CARRIED FORWARD FROM DRAINAGE SUMMARY
- ⑧ FOR PIPE REMOVAL OUTSIDE THE LIMITS OF CONSTRUCTION
- ⑨ TO BE INSTALLED AT ALL ROADWAY CROSSINGS FOR SIDEWALKS AND SHARED USE PATH
- ⑩ INCLUDES 4,115 CY FOR EMBANKMENT BENCHING
- ⑪ SEE GEOTECHNICAL NOTES 9 AND 10
- ⑫ INCLUDES 3 TONS CARRIED FORWARD FROM THE PIPE DRAINAGE SUMMARY
- ⑬ INCLUDES 15 TONS CARRIED FORWARD FROM THE PERFORATED PIPE SUMMARY
- ⑭ TO BECOME PROPERTY OF THE CONTRACTOR AT PROJECT COMPLETION
- ⑮ INCLUDES 50,234 TONS CARRIED FORWARD FROM THE PAVING SUMMARY
- ⑯ ROCK ROADBED IS EXCLUDED AND BID AS CRUSHED AGGREGATE SIZE NO. 2

PROJECT EARTHWORK TOTALS:

COMMON	44476
EMB. BENCH	4115
SURF. DT.	1069
TOTAL EXC.	49660
EMBANKMENT	45589
EMB. BENCH	4115
ROCK RDBD.	25117
TOTAL EMB.	74821

SHRINK AND SWELL FACTORS ARE THE RESPONSIBILITY OF THE CONTRACTOR.

ITEM	DESCRIPTION	UNIT	U.S. 60 TOTAL PROJECT
1015	INSPECT & CERTIFY EDGE DRAIN SYSTEM	LS	1
2230	EMBANKMENT IN PLACE (10)(16)	CY	49,704
2242	WATER (FOR DUST CONTROL) (1)	MG	1000
2429	RIGHT OF WAY MONUMENT - TYPE I	EA	20
2432	WITNESS POST	EA	5
2483	CHANNEL LINING - CLASS II (3)	TON	340
2545	CLEARING & GRUBBING (4)(2)	LS	1
2562	SIGNS (FOR MOT)	SF	209.75
2568	MOBILIZATION	LS	1
2569	DEMobilIZATION	LS	1
2585	EDGE KEY	LF	279
2600	FABRIC GEOTEXTILE TY IV FOR PIPE (5)	SY	12,902
2650	MAINTAIN AND CONTROL TRAFFIC	LS	1
2690	SAFEOLOADING	CY	25.5
2720	SIDEWALK - 4 INCH CONCRETE	SY	39
2731	REMOVE EXISTING STRUCTURES (6)	LS	1
5950	EROSION CONTROL BLANKET (7)	SY	3,585
5985	SEEDING AND PROTECTION	SY	92,604
5990	SODDING	SY	1,655
6510	PAVE STRIPING - TEMP PAINT - 4 INCH	LF	19,600
6514	PAVE STRIPING - PERM PAINT - 4 INCH	LF	29,682
6568	PAVEMENT MARKER - THERMO - STOP BAR - 24 INCH	LF	172
6574	PAVEMENT MARKING - THERMO CURVE ARROW	EA	34
24489EC	INLAID PAVEMENT MARKER - M W	EA	126
24489EC	INLAID PAVEMENT MARKER - B Y	EA	136
1810	STANDARD CURB AND GUTTER	LF	6,674
1811	STANDARD CURB AND GUTTER - MOD.	LF	276
1310	REMOVE PIPE (8)	LF	10
10020NS	FUEL ADJUSTMENT	DOL	67,776
10030NS	ASPHALT ADJUSTMENT	DOL	86,426
24814EC	PIPELINE INSPECTION	LF	4,011
5952	TEMP MULCH	SY	62,045
2703	SILT TRAP TYPE A	EA	22
2704	SILT TRAP TYPE B	EA	22
2705	SILT TRAP TYPE C	EA	22
2706	CLEAN SILT TRAP TYPE A	EA	22
2707	CLEAN SILT TRAP TYPE B	EA	22
2708	CLEAN SILT TRAP TYPE C	EA	22
2701	TEMP SILT FENCE	LF	2,815
2159	TEMP DITCH	LF	2,815
5953	TEMP SEED & PROTECT	SY	46,302
2351	STEEL W-BEAM GUARDRAIL - SINGLE FACE	LF	2,150
2367	GUARDRAIL END TREATMENT TYPE I	EA	3
2369	GUARDRAIL END TREATMENT TYPE 2A	EA	2
23158ES505	DETECTABLE WARNINGS (9)	SF	380
5964	20-10-10 FERTILIZER	TON	5
6567	PAINT MARKING-THERMO STOP BAR-12 INCH	LF	45
20782NS714	PAVEMENT MARKING - THERMO BIKE	EA	2
21289ED	LONGITUDINAL EDGE KEY	LF	1,535

ITEM	DESCRIPTION	UNIT	U.S. 60 TOTAL PROJECT
22664EN	WATER BLASTING EXISTING STRIPE	LF	3000
2360	TERMINAL END SECTION NO. I	EA	5
5963	INITIAL FERTILIZER	TON	3
5992	AGRICULTURAL LIMESTONE	TON	57
2599	GEOTEXTILE FABRIC TY IV (11)	SY	101,812
78	CRUSHED AGGREGATE SIZE NO. 2 (11)(12)(13)(15)	TON	57,363
2015	CEMENT CONCRETE ISLAND	SY	107
2671	PORTABLE CHANGEABLE MESSAGE SIGN (14)	EA	3
2160	CLEAN TEMP DITCH	LF	1,408
1983	DELINEATOR FOR GUARDRAIL - M Y	EA	43
20071EC	JOINT ADHESIVE	LF	5,875
24640ED	OBJECT MARKER TYPE I	EA	3
6570	PAVEMENT MARKING - PAINT - CROSS HATCH	SF	332
6516	PAVEMENT STRIPING - PERM. PAINT - 8 INCH	LF	537
2016	REMOVE CONCRETE ISLAND	SY	95
6578	PAVE MARKING - THERMO - MERGE ARROW	EA	2
2726	STAKING	LS	1

FILE NAME: J:\1310\PROJECT_MILESTONES\FINAL_PLANS\DGN\ROADWAY_R0020ESL.DGN

USER: dmpnsley
DATE PLOTTED: August 25, 2016

E-SHEET NAME: R0020ESU

MicroStation v8.11.9.357

GENERAL SUMMARY

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2650	MAINTAIN AND CONTROL TRAFFIC	LS	1
2690	SAFEOLOADING	CY	25.5
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USER: dmpnsley
DATE PLOTTED: August 25, 2016

E-SHEET NAME: R0020ESU

MicroStation v8.11.9.357

REVISED 11-16-16

TRAFFIC SIGNAL ESTIMATE OF QUANTITIES

TOTAL	UNITS	CODE	ITEM DESCRIPTION
108	LIN FT	4792	CONDUIT 1 INCH
540	LIN FT	4793	CONDUIT 1 1/4 INCH
415	LIN FT	4795	CONDUIT 2 INCH
7	EACH	4811	ELECTRICAL JUNCTION BOX TYPE B
955	LIN FT	4820	TRENCHING AND BACKFILLING
2,500	LIN FT	4830	LOOP WIRE
2,200	LIN FT	4844	CABLE-NO. 14/5C
4,800	LIN FT	4850	CABLE-NO. 14/1 PAIR
560	LIN FT	4885	MESSENGER-10800 LB
978	LIN FT	4895	LOOP SAW SLOT AND FILL
1	EACH	4931	INSTALL SIG CONTROLLER-TYPE 170
4	EACH	4932	INSTALL STEEL STRAIN POLE
1	EACH	4950	REMOVE SIGNAL EQUIPMENT
8	EACH	20188NS835	INSTALL SIGNAL-3 SECTION LED
47	LIN FT	21543EN	BORE AND JACK CONDUIT
4	EACH	21743NN	INSTALL PEDESTRIAN DETECTOR
56	CU YD	23157EN	TRAFFIC SIGNAL POLE BASE
2	EACH	23222EC	INSTALL SIGNAL PEDESTAL
1	EACH	23982EC	INSTALL ANTENNA
4	EACH	20093NS835	INSTALL PEDESTRIAN HEAD LED

THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND OTHER SPECIAL NOTES AND SPECIFICATIONS WILL APPLY ON THIS PROJECT. SEE SECTION 706, 723, AND 112 FOR MEASUREMENT AND OTHER DETAILS. SEE SECTION 602 FOR SPRIAL REINFORCEMENT SPLICING.

THE CONTRACTOR SHALL MAKE AN INSPECTION OF THE PROJECT SITE PRIOR TO SUBMITTING A BID AND SHALL BE THOROUGHLY FAMILIARIZED WITH EXISTING CONDITIONS. SUBMISSIONS OF A BID WILL BE CONSIDERED AN AFFIRMATION OF THIS INSPECTION HAVING BEEN COMPLETED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PICKING UP INSTALL ITEMS FROM THE FRANKFORT POLE YARD AND DELIVERING THESE ITEMS TO THE SITE. THE CONTRACTOR SHALL CONTACT FRANKFORT POLE YARD PERSONNEL (502-782-8991) AND ARRANGE TO PICK UP INSTALL ITEMS A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO ARRIVAL. FAILURE TO PROVIDE POLE YARD PERSONNEL THIS ADVANCE NOTICE COULD RESULT IN LONG DELAYS OR REFUSAL TO DISTRIBUTE EQUIPMENT UPON ARRIVAL.

ADD SENTENCE TO SECTION 835.15: ALL WIRE SHALL HAVE WORDING ADDED TO THE OUTER JACKET THAT STATES : *PROPERTY OF KENTUCKY TRANSPORTATION CABINET 502 564 0501*.

CONSTRUCTION AND MEASUREMENT NOTES THAT ARE CONTRARY TO SECTION 723

SUBSECTION: 04.22 REMOVE SIGNAL EQUIPMENT. (CONSTRUCTION ONLY)
 REVISION: REPLACE THE PARAGRAPH WITH THE FOLLOWING:
 THE DEPARTMENT WILL MEASURE THE QUANTITY BY EACH. THE DEPARTMENT WILL NOT MEASURE BACKFILLING AND THE DISPOSAL OR TRANSPORTATION OF EQUIPMENT AND MATERIALS ASSOCIATED WITH ANY STRUCTURAL OR ELECTRICAL COMPONENT OF THE SIGNAL SYSTEM INCLUDING, BUT NOT LIMITED TO POLE BASES, POLES, JUNCTION BOXES, CABINETS, AND WOOD POLES FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.

FILE NAME: G:\PWORK\COPY OF TED.SWANSEGAR.D1197305\T00700SU.DGN

USER: shannon_riddle
 DATE PLOTTED: November 16, 2016

E-SHEET NAME: T00700SU

MicroStation v8.11.9.832

7-21-2016

DESIGNED BY: ADAM PROCTOR
DATE SUBMITTED: 9/30/2016
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS COUNTY OF HENDERSON
PROJECT STP 0601 (190) NUMBERS: FD52 051 0060 007-009
TRAFFIC SIGNAL ESTIMATE OF QUANTITIES MEASUREMENT, CONST, AND MISC NOTES

TRAFFIC SIGNAL ESTIMATE OF QUANTITIES

TOTAL	UNITS	CODE	ITEM DESCRIPTION
108	LIN FT	4792	CONDUIT 1 INCH
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560	LIN FT	4885	MESSENGER-10800 LB
978	LIN FT	4895	LOOP SAW SLOT AND FILL
1	EACH	4931	INSTALL SIG CONTROLLER-TYPE 170
4	EACH	4932	INSTALL STEEL STRAIN POLE
1	EACH	4950	REMOVE SIGNAL EQUIPMENT
8	EACH	20188NS835	INSTALL SIGNAL-3 SECTION LED
47	LIN FT	21543EN	BORE AND JACK CONDUIT
4	EACH	21743NN	INSTALL PEDESTRIAN DETECTOR
56	CU YD	23157EN	TRAFFIC SIGNAL POLE BASE
2	EACH	23222EC	INSTALL SIGNAL PEDESTAL
1	EACH	23982EC	INSTALL ANTENNA
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THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND OTHER SPECIAL NOTES AND SPECIFICATIONS WILL APPLY ON THIS PROJECT. SEE SECTION 706, 723, AND 112 FOR MEASUREMENT AND OTHER DETAILS. SEE SECTION 602 FOR SPRIAL REINFORCEMENT SPLICING.

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FILE NAME: G:\PWORK\COPY OF TED.SWANSEGAR\DI197305\T00700SU.DGN

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DATE PLOTTED: November 16, 2016

E-SHEET NAME: T00700SU

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7-21-2016

DESIGNED BY: ADAM PROCTOR
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TRAFFIC SIGNAL
ESTIMATE OF QUANTITIES
MEASUREMENT, CONST, AND MISC NOTES

PROPOSAL BID ITEMS

161265

Page 1 of 4

Report Date 11/16/16

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	11,495.00	TON		\$	
0020	00190		LEVELING & WEDGING PG64-22	95.00	TON		\$	
0030	00214		CL3 ASPH BASE 1.00D PG64-22	18,286.00	TON		\$	
0040	00324		CL3 ASPH SURF 0.50B PG64-22	3,725.00	TON		\$	
0050	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0060	02677		ASPHALT PAVE MILLING & TEXTURING	568.00	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0090	00078		CRUSHED AGGREGATE SIZE NO 2	57,363.00	TON		\$	
0100	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM	1.00	LS		\$	
0110	01220		PIPE CULVERT HEADWALL-60 IN	1.00	EACH		\$	
0120	01310		REMOVE PIPE	10.00	LF		\$	
0130	01810		STANDARD CURB AND GUTTER	6,674.00	LF		\$	
0140	01811		STANDARD CURB AND GUTTER MOD	276.00	LF		\$	
0150	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	43.00	EACH		\$	
0160	02015		CEMENT CONCRETE ISLAND	107.00	SQYD		\$	
0170	02016		REMOVE CONCRETE ISLAND	95.00	SQYD		\$	
0180	02159		TEMP DITCH	2,815.00	LF		\$	
0190	02160		CLEAN TEMP DITCH	1,408.00	LF		\$	
0200	02230		EMBANKMENT IN PLACE	49,704.00	CUYD		\$	
0210	02242		WATER (FOR DUST CONROL)	1,000.00	MGAL		\$	
0220	02351		GUARDRAIL-STEEL W BEAM-S FACE	2,150.00	LF		\$	
0230	02360		GUARDRAIL TERMINAL SECTION NO 1	5.00	EACH		\$	
0240	02367		GUARDRAIL END TREATMENT TYPE 1	3.00	EACH		\$	
0250	02369		GUARDRAIL END TREATMENT TYPE 2A	2.00	EACH		\$	
0260	02429		RIGHT-OF-WAY MONUMENT TYPE 1	20.00	EACH		\$	
0270	02432		WITNESS POST	5.00	EACH		\$	
0280	02483		CHANNEL LINING CLASS II	340.00	TON		\$	
0290	02545		CLEARING AND GRUBBING (APPROXIMATELY 22.40 ACRES)	1.00	LS		\$	
0300	02562		TEMPORARY SIGNS	209.75	SQFT		\$	
0310	02585		EDGE KEY	279.00	LF		\$	
0320	02599		FABRIC-GEOTEXTILE TYPE IV	101,812.00	SQYD		\$	
0330	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	12,902.00	SQYD	\$2.00	\$	\$25,804.00
0340	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0350	02671		PORTABLE CHANGEABLE MESSAGE SIGN	3.00	EACH		\$	
0360	02690		SAFELOADING	25.50	CUYD		\$	
0370	02701		TEMP SILT FENCE	2,815.00	LF		\$	
0380	02703		SILT TRAP TYPE A	22.00	EACH		\$	
0390	02704		SILT TRAP TYPE B	22.00	EACH		\$	
0400	02705		SILT TRAP TYPE C	22.00	EACH		\$	
0410	02706		CLEAN SILT TRAP TYPE A	22.00	EACH		\$	
0420	02707		CLEAN SILT TRAP TYPE B	22.00	EACH		\$	

PROPOSAL BID ITEMS

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Page 2 of 4

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0440	02720		SIDEWALK-4 IN CONCRETE	39.00	SQYD		\$	
0445	02726		STAKING (ADDED: 11-16-16)	1.00	LS		\$	
0450	02731		REMOVE STRUCTURE	1.00	LS		\$	
0460	05950		EROSION CONTROL BLANKET	3,585.00	SQYD		\$	
0470	05952		TEMP MULCH	62,045.00	SQYD		\$	
0480	05953		TEMP SEEDING AND PROTECTION	46,302.00	SQYD		\$	
0490	05963		INITIAL FERTILIZER	3.00	TON		\$	
0500	05964		20-10-10 FERTILIZER	5.00	TON		\$	
0510	05985		SEEDING AND PROTECTION	92,604.00	SQYD		\$	
0520	05990		SODDING	1,655.00	SQYD		\$	
0530	05992		AGRICULTURAL LIMESTONE	57.00	TON		\$	
0540	06510		PAVE STRIPING-TEMP PAINT-4 IN	19,600.00	LF		\$	
0550	06514		PAVE STRIPING-PERM PAINT-4 IN	29,682.00	LF		\$	
0560	06516		PAVE STRIPING-PERM PAINT-8 IN (CROSSWALK)	537.00	LF		\$	
0570	06567		PAVE MARKING-THERMO STOP BAR-12IN	45.00	LF		\$	
0580	06568		PAVE MARKING-THERMO STOP BAR-24IN	172.00	LF		\$	
0590	06570		PAVE MARKING-PAINT CROSS-HATCH	332.00	SQFT		\$	
0600	06574		PAVE MARKING-THERMO CURV ARROW	34.00	EACH		\$	
0610	06578		PAVE MARKING-THERMO MERGE ARROW	2.00	EACH		\$	
0620	10020NS		FUEL ADJUSTMENT	67,776.00	DOLL	\$1.00	\$	\$67,776.00
0630	10030NS		ASPHALT ADJUSTMENT	86,426.00	DOLL	\$1.00	\$	\$86,426.00
0640	20071EC		JOINT ADHESIVE	5,875.00	LF		\$	
0650	20782NS714		PAVE MARKING THERMO-BIKE	2.00	EACH		\$	
0660	21289ED		LONGITUDINAL EDGE KEY	1,535.00	LF		\$	
0670	22664EN		WATER BLASTING EXISTING STRIPE	3,000.00	LF		\$	
0680	23158ES505		DETECTABLE WARNINGS	380.00	SQFT		\$	
0690	24489EC		INLAID PAVEMENT MARKER (BY)	136.00	EACH		\$	
0700	24489EC		INLAID PAVEMENT MARKER (MW)	126.00	EACH		\$	
0710	24640ED		OBJECT MARKER TYPE 1	3.00	EACH		\$	
0720	24814EC		PIPELINE INSPECTION	4,011.00	LF		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0730	00441		ENTRANCE PIPE-18 IN	76.00	LF		\$	
0740	00472		CULVERT PIPE-60 IN	24.00	LF		\$	
0750	00521		STORM SEWER PIPE-15 IN	25.00	LF		\$	
0760	00522		STORM SEWER PIPE-18 IN	3,384.00	LF		\$	
0770	00524		STORM SEWER PIPE-24 IN	573.00	LF		\$	
0780	00526		STORM SEWER PIPE-30 IN	119.00	LF		\$	
0790	01000		PERFORATED PIPE-4 IN	11,068.00	LF		\$	
0800	01010		NON-PERFORATED PIPE-4 IN	228.00	LF		\$	
0810	01028		PERF PIPE HEADWALL TY 3-4 IN	15.00	EACH		\$	
0820	01204		PIPE CULVERT HEADWALL-18 IN	3.00	EACH		\$	
0830	01210		PIPE CULVERT HEADWALL-30 IN	2.00	EACH		\$	

PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0840	01456		CURB BOX INLET TYPE A	30.00	EACH		\$	
0850	01490		DROP BOX INLET TYPE 1	2.00	EACH		\$	
0860	01580		DROP BOX INLET TYPE 15	1.00	EACH		\$	
0870	01642		JUNCTION BOX-18 IN	1.00	EACH		\$	
0880	23274EN11F		TURF REINFORCEMENT MAT 1	103.00	SQYD		\$	

Section: 0004 - BRIDGE - 4.0 X 4.0 CULVERT - DWG. 27303 - STA. 3308+12

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0890	02625		REMOVE HEADWALL	1.00	EACH		\$	
0900	08003		FOUNDATION PREPARATION	1.00	LS		\$	
0910	08100		CONCRETE-CLASS A	49.20	CUYD		\$	
0920	08150		STEEL REINFORCEMENT	4,461.00	LB		\$	

Section: 0005 - BRIDGE - 8.0 X 5.0 CULVERT - DWG. 27302 - STA. 3291+91

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0930	02625		REMOVE HEADWALL	1.00	EACH		\$	
0940	08003		FOUNDATION PREPARATION	1.00	LS		\$	
0950	08100		CONCRETE-CLASS A	73.50	CUYD		\$	
0960	08150		STEEL REINFORCEMENT	7,514.00	LB		\$	

Section: 0006 - UTILITY - GAS

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0970	16026		G PIPE STEEL 06 INCH	5,228.40	LF		\$	
0980	16031		G SERVICE LONG SIDE 1 OR 1-1/4 INCH	1.00	EACH		\$	
0990	16048		G TIE-IN SPECIAL	2.00	EACH		\$	
1000	16065		G LINE MARKER	16.00	EACH		\$	
1010	16068		G MAIN ABANDON (6-IN LINE)	1.00	LS		\$	
1020	16069		G METER AND REGULATOR 1 INCH	1.00	EACH		\$	
1030	16071		G METER AND REGULATOR 2 INCH	1.00	EACH		\$	
1040	16515		G PIPE POLYETHYLENE/PLASTIC 02 INCH INST	8.00	LF		\$	
1050	16573		G METER SPECIAL INST	1.00	EACH		\$	
1060	16605		G PIPE POLYETHYLENE/PLASTIC 01 INCH INST	202.90	LF		\$	

Section: 0007 - SEWER

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1070	15000		S BYPASS PUMPING	1.00	EACH		\$	
1080	15026		S FORCE MAIN AIR RLS/VAC VLV 02 IN	2.00	EACH		\$	
1090	15060		S FORCE MAIN PVC 06 INCH	4,772.40	LF		\$	
1100	15074		S FORCE MAIN TIE-IN 06 INCH	2.00	EACH		\$	

PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1110	15092		S MANHOLE	5.00	EACH		\$	
1120	15093		S MANHOLE ABANDON/REMOVE	2.00	EACH		\$	
1130	15095		S MANHOLE CASTING STANDARD	5.00	EACH		\$	
1140	15099		S MANHOLE TAP EXISTING	1.00	EACH		\$	
1150	15112		S PIPE PVC 08 INCH	802.00	LF		\$	

Section: 0008 - SIGNALIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1160	04792		CONDUIT-1 IN	108.00	LF		\$	
1170	04793		CONDUIT-1 1/4 IN	540.00	LF		\$	
1180	04795		CONDUIT-2 IN	415.00	LF		\$	
1190	04811		ELECTRICAL JUNCTION BOX TYPE B	7.00	EACH		\$	
1200	04820		TRENCHING AND BACKFILLING	955.00	LF		\$	
1210	04830		LOOP WIRE	2,500.00	LF		\$	
1220	04844		CABLE-NO. 14/5C	2,200.00	LF		\$	
1230	04850		CABLE-NO. 14/1 PAIR	4,800.00	LF		\$	
1240	04885		MESSENGER-10800 LB	560.00	LF		\$	
1250	04895		LOOP SAW SLOT AND FILL	978.00	LF		\$	
1260	04931		INSTALL CONTROLLER TYPE 170	1.00	EACH		\$	
1270	04932		INSTALL STEEL STRAIN POLE	4.00	EACH		\$	
1280	04950		REMOVE SIGNAL EQUIPMENT	1.00	EACH		\$	
1285	20093NS835		INSTALL PEDESTRIAN HEAD-LED (ADDED: 11-16-16)	4.00	EACH		\$	
1290	20188NS835		INSTALL LED SIGNAL-3 SECTION	8.00	EACH		\$	
1300	21543EN		BORE AND JACK CONDUIT	47.00	LF		\$	
1310	21743NN		INSTALL PEDESTRIAN DETECTOR	4.00	EACH		\$	
1320	23157EN		TRAFFIC SIGNAL POLE BASE	56.00	CUYD		\$	
1330	23222EC		INSTALL SIGNAL PEDESTAL	2.00	EACH		\$	
1340	23982EC		INSTALL ANTENNA	1.00	EACH		\$	

Section: 0009 - WATERLINE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1350	14019		W FIRE HYDRANT ASSEMBLY	6.00	EACH		\$	
1360	14060		W PIPE PVC 08 INCH	5,598.00	LF		\$	
1370	14076		W REMOVE TRANSITE (AC) PIPE	5,262.00	LF		\$	
1380	14095		W TIE-IN 08 INCH	5.00	EACH		\$	
1390	14106		W VALVE 08 INCH	16.00	EACH		\$	
1400	20757ED		PAVEMENT REPAIR	717.00	SQYD		\$	

Section: 0010 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0070	02568		MOBILIZATION	1.00	LS		\$	
0080	02569		DEMOBILIZATION	1.00	LS		\$	