



**COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET**

Frankfort, Kentucky 40622
www.transportation.ky.gov/

Matthew G. Bevin
Governor

Greg Thomas
Secretary

September 18, 2018

CALL NO. 104
CONTRACT ID NO. 181033
ADDENDUM # 1

Subject: BOONE COUNTY, STP 8200(017)
Letting September 21, 2018

- (1) Revised - Proposal Bid Items - Pages 235-241 of 241
- (2) Revised - Plan Sheet - R2f

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 black ink that reads "Rachel Mills".

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

RM:mr
Enclosures



An Equal Opportunity Employer M/F/D

PROPOSAL BID ITEMS

REVISED ADDENDUM #1: 9-18-18

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Section: 0001 - PAVING-ALT #1

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	51,649.00	TON		\$	
0020	00008		CEMENT STABILIZED ROADBED	120,196.00	SQYD		\$	
0030	00020		TRAFFIC BOUND BASE	152.00	TON		\$	
0040	00100		ASPHALT SEAL AGGREGATE	24.60	TON		\$	
0050	00103		ASPHALT SEAL COAT	3.00	TON		\$	
0060	00214		CL3 ASPH BASE 1.00D PG64-22	70,136.00	TON		\$	
0070	00356		ASPHALT MATERIAL FOR TACK	68.00	TON		\$	
0080	00358		ASPHALT CURING SEAL	120.00	TON		\$	
0090	00388		CL3 ASPH SURF 0.38B PG64-22	11,851.00	TON		\$	
0100	01810		STANDARD CURB AND GUTTER	30,100.00	LF		\$	
0110	02084		JPC PAVEMENT-8 IN	1,455.00	SQYD		\$	
0120	02101		CEM CONC ENT PAVEMENT-8 IN	963.00	SQYD		\$	
0130	02542		CEMENT	2,294.00	TON		\$	
0140	02677		ASPHALT PAVE MILLING & TEXTURING	138.00	TON		\$	
0150	02702		SAND FOR BLOTTER	301.00	TON		\$	
0160	10020NS		FUEL ADJUSTMENT	205,212.00	DOLL	\$1.00	\$	\$205,212.00
0170	10030NS		ASPHALT ADJUSTMENT	320,611.00	DOLL	\$1.00	\$	\$320,611.00
0180	23379EC		STAMPED CONCRETE	425.00	SQYD		\$	
0190	24779EC		INTELLIGENT COMPACTION FOR SOIL	242,795.00	CUYD		\$	
0200	24780EC		INTELLIGENT COMPACTION FOR AGGREGATE	51,183.00	TON		\$	
0210	24781EC		INTELLIGENT COMPACTION FOR ASPHALT	81,631.00	TON		\$	
0220	24891EC		PAVE MOUNT INFRARED TEMP EQUIPMENT	1,857,132.00	SF		\$	
0230	24990EC		INTELLIGENT COMP SUBGRADE STABILIZATION	120,196.00	SQYD		\$	

Section: 0002 - PAVING- ALT #2

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0240	00003		CRUSHED STONE BASE	93,072.00	TON		\$	
0250	00008		CEMENT STABILIZED ROADBED	120,145.00	SQYD		\$	
0260	00020		TRAFFIC BOUND BASE	152.00	TON		\$	
0270	00100		ASPHALT SEAL AGGREGATE	24.60	TON		\$	
0280	00103		ASPHALT SEAL COAT	3.00	TON		\$	
0290	00214		CL3 ASPH BASE 1.00D PG64-22	35,984.00	TON		\$	
0300	00356		ASPHALT MATERIAL FOR TACK	44.00	TON		\$	
0310	00358		ASPHALT CURING SEAL	120.00	TON		\$	
0320	00388		CL3 ASPH SURF 0.38B PG64-22	11,851.00	TON		\$	
0330	01810		STANDARD CURB AND GUTTER	30,100.00	LF		\$	
0340	02084		JPC PAVEMENT-8 IN	1,455.00	SQYD		\$	
0350	02101		CEM CONC ENT PAVEMENT-8 IN	963.00	SQYD		\$	
0360	02542		CEMENT	2,293.00	TON		\$	
0370	02677		ASPHALT PAVE MILLING & TEXTURING	138.00	TON		\$	
0380	02702		SAND FOR BLOTTER	301.00	TON		\$	
0390	10020NS		FUEL ADJUSTMENT	166,800.00	DOLL	\$1.00	\$	\$166,800.00
0400	10030NS		ASPHALT ADJUSTMENT	187,090.00	DOLL	\$1.00	\$	\$187,090.00

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0410	20263ED		GEOGRID REINFORCEMENT	120,145.00	SQYD		\$	
0420	23379EC		STAMPED CONCRETE	425.00	SQYD		\$	
0430	24779EC		INTELLIGENT COMPACTION FOR SOIL	242,795.00	CUYD		\$	
0440	24780EC		INTELLIGENT COMPACTION FOR AGGREGATE	92,616.00	TON		\$	
0450	24781EC		INTELLIGENT COMPACTION FOR ASPHALT	47,479.00	TON		\$	
0460	24891EC		PAVE MOUNT INFRARED TEMP EQUIPMENT	1,857,132.00	SF		\$	
0470	24990EC		INTELLIGENT COMP SUBGRADE STABILIZATION	120,145.00	SQYD		\$	

Section: 0003 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0480	00021		DRAINAGE BLANKET-EMBANKMENT	3,137.00	CUYD		\$	
0490	00078		CRUSHED AGGREGATE SIZE NO 2	2,287.00	TON		\$	
0500	01000		PERFORATED PIPE-4 IN	33,722.00	LF		\$	
0510	01010		NON-PERFORATED PIPE-4 IN	96.00	LF		\$	
0520	01020		PERF PIPE HEADWALL TY 1-4 IN	1.00	EACH		\$	
0530	01024		PERF PIPE HEADWALL TY 2-4 IN	2.00	EACH		\$	
0540	01028		PERF PIPE HEADWALL TY 3-4 IN	4.00	EACH		\$	
0550	01875		STANDARD HEADER CURB	1,852.00	LF		\$	
0560	01890		ISLAND HEADER CURB TYPE 1	438.00	LF		\$	
0570	02091		REMOVE PAVEMENT	1,346.00	SQYD		\$	
0580	02159		TEMP DITCH	8,554.00	LF		\$	
0590	02160		CLEAN TEMP DITCH	4,279.00	LF		\$	
0600	02230		EMBANKMENT IN PLACE	273,799.00	CUYD		\$	
0610	02242		WATER	648.00	MGAL		\$	
0620	02274		FENCE-6 FT CHAIN LINK	842.00	LF		\$	
0630	02287		DOUBLE VEHICULAR CHAIN LINK GATE	1.00	EACH		\$	
0640	02351		GUARDRAIL-STEEL W BEAM-S FACE	5,412.50	LF		\$	
0650	02360		GUARDRAIL TERMINAL SECTION NO 1	2.00	EACH		\$	
0660	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	4.00	EACH		\$	
0670	02367		GUARDRAIL END TREATMENT TYPE 1	5.00	EACH		\$	
0680	02381		REMOVE GUARDRAIL	50.00	LF		\$	
0690	02391		GUARDRAIL END TREATMENT TYPE 4A	19.00	EACH		\$	
0700	02429		RIGHT-OF-WAY MONUMENT TYPE 1	126.00	EACH		\$	
0710	02432		WITNESS POST	3.00	EACH		\$	
0720	02484		CHANNEL LINING CLASS III (REVISED: 9-18-18)	1,343.00	TON		\$	
0730	02545		CLEARING AND GRUBBING 72.39 ACRES	1.00	LS		\$	
0740	02562		TEMPORARY SIGNS	1,013.00	SQFT		\$	
0750	02585		EDGE KEY	210.00	LF		\$	
0760	02599		FABRIC-GEOTEXTILE TYPE IV	51,561.00	SQYD		\$	
0770	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0780	02651		DIVERSIONS (BY-PASS DETOURS)	1.00	LS		\$	
0790	02671		PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH		\$	
0800	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0810	02690		SAFELOADING	60.00	CUYD		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0820	02703		SILT TRAP TYPE A	72.00	EACH		\$	
0830	02704		SILT TRAP TYPE B	72.00	EACH		\$	
0840	02705		SILT TRAP TYPE C	72.00	EACH		\$	
0850	02706		CLEAN SILT TRAP TYPE A	72.00	EACH		\$	
0860	02707		CLEAN SILT TRAP TYPE B	72.00	EACH		\$	
0870	02708		CLEAN SILT TRAP TYPE C	72.00	EACH		\$	
0880	02720		SIDEWALK-4 IN CONCRETE	1,404.00	SQYD		\$	
0890	02720		SIDEWALK-4 IN CONCRETE SPECIAL SIDEWALK (@ ROUNDABOUT SPLITTER ISLANDS)	526.00	SQYD		\$	
0900	02726		STAKING	1.00	LS		\$	
0910	02731		REMOVE STRUCTURE (EX. TRIPLE 14'X7' RCBC @ STA 183.00)	1.00	LS		\$	
0920	02731		REMOVE STRUCTURE (STA. 136+42	1.00	LS		\$	
0930	02775		ARROW PANEL	2.00	EACH		\$	
0940	03171		CONCRETE BARRIER WALL TYPE 9T	1,944.00	LF		\$	
0950	05950		EROSION CONTROL BLANKET	6,158.00	SQYD		\$	
0960	05952		TEMP MULCH	233,578.00	SQYD		\$	
0970	05953		TEMP SEEDING AND PROTECTION	175,184.00	SQYD		\$	
0980	05963		INITIAL FERTILIZER	6.90	TON		\$	
0990	05964		20-10-10 FERTILIZER	11.50	TON		\$	
1000	05985		SEEDING AND PROTECTION	198,270.00	SQYD		\$	
1010	05990		SODDING	17,930.00	SQYD		\$	
1020	05992		AGRICULTURAL LIMESTONE	138.00	TON		\$	
1030	06510		PAVE STRIPING-TEMP PAINT-4 IN	101,460.00	LF		\$	
1040	06514		PAVE STRIPING-PERM PAINT-4 IN	82,777.00	LF		\$	
1050	06516		PAVE STRIPING-PERM PAINT-8 IN	3,268.00	LF		\$	
1060	06565		PAVE MARKING-THERMO X-WALK-6 IN	1,722.00	LF		\$	
1070	06568		PAVE MARKING-THERMO STOP BAR-24IN	544.00	LF		\$	
1080	06570		PAVE MARKING-PAINT CROSS-HATCH	2,972.00	SQFT		\$	
1090	06572		PAVE MARKING-DOTTED LANE EXTEN	440.00	LF		\$	
1100	06573		PAVE MARKING-THERMO STR ARROW	1.00	EACH		\$	
1110	06574		PAVE MARKING-THERMO CURV ARROW	45.00	EACH		\$	
1120	06575		PAVE MARKING-THERMO COMB ARROW	7.00	EACH		\$	
1130	06589		PAVEMENT MARKER TYPE V-MW	431.00	EACH		\$	
1140	06591		PAVEMENT MARKER TYPE V-BY	783.00	EACH		\$	
1150	08901		CRASH CUSHION TY VI CLASS BT TL2	6.00	EACH		\$	
1160	15092		S MANHOLE	1.00	EACH		\$	
1170	15094		S MANHOLE ADJUST TO GRADE	7.00	EACH		\$	
1180	23158ES505		DETECTABLE WARNINGS	939.00	SQFT		\$	
1190	23274EN11F		TURF REINFORCEMENT MAT 1	5,246.00	SQYD		\$	
1200	23275EN11F		TURF REINFORCEMENT MAT 2	795.00	SQYD		\$	
1210	23276EN11F		TURF REINFORCEMENT MAT 3	351.00	SQYD		\$	
1220	23626EC		DETENTION BASIN (STA 101+56.57)	1.00	LS		\$	
1230	23626EC		DETENTION BASIN (STA 194+55.35)	1.00	LS		\$	
1240	23649EC		DRAIN POND STA. 195+20	1.00	LS		\$	
1250	23649EC		DRAIN POND STA. 217+14	1.00	LS		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1260	23649EC		DRAIN POND STA. 222+83	1.00	LS		\$	
1270	23791EC		PAVE STRIPING-CHEVRON MARKINGS	1,298.00	SQFT		\$	
1280	24845EC		UTILITY COORDINATION	1.00	LS		\$	

Section: 0004 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1290	00440		ENTRANCE PIPE-15 IN	199.00	LF		\$	
1300	00466		CULVERT PIPE-30 IN	8.00	LF		\$	
1310	00470		CULVERT PIPE-48 IN	236.00	LF		\$	
1320	00472		CULVERT PIPE-60 IN	201.00	LF		\$	
1330	00521		STORM SEWER PIPE-15 IN	8,149.00	LF		\$	
1340	00522		STORM SEWER PIPE-18 IN	4,495.00	LF		\$	
1350	00524		STORM SEWER PIPE-24 IN	1,424.00	LF		\$	
1360	00528		STORM SEWER PIPE-36 IN	239.00	LF		\$	
1370	01202		PIPE CULVERT HEADWALL-15 IN	4.00	EACH		\$	
1380	01204		PIPE CULVERT HEADWALL-18 IN	9.00	EACH		\$	
1390	01208		PIPE CULVERT HEADWALL-24 IN	5.00	EACH		\$	
1400	01210		PIPE CULVERT HEADWALL-30 IN	1.00	EACH		\$	
1410	01212		PIPE CULVERT HEADWALL-36 IN	1.00	EACH		\$	
1420	01216		PIPE CULVERT HEADWALL-48 IN	2.00	EACH		\$	
1430	01220		PIPE CULVERT HEADWALL-60 IN	1.00	EACH		\$	
1440	01456		CURB BOX INLET TYPE A	79.00	EACH		\$	
1450	01480		CURB BOX INLET TYPE B	1.00	EACH		\$	
1460	01544		DROP BOX INLET TYPE 11	5.00	EACH		\$	
1470	01559		DROP BOX INLET TYPE 13G	7.00	EACH		\$	
1480	01581		DROP BOX INLET TYPE 16G	1.00	EACH		\$	
1500	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	52,525.00	SQYD	\$2.00	\$	\$105,050.00
1510	22766ED		TRENCH DRAIN	16.00	LF		\$	
1520	23609ED		HYDRAULIC CONTROL STRUCTURE (STA 101+56.57)	1.00	LS		\$	
1530	23609ED		HYDRAULIC CONTROL STRUCTURE (STA 194+55.35)	1.00	LS		\$	
1540	23952EC		DRAINAGE JUNCTION BOX TY B	5.00	EACH		\$	
1550	24814EC		PIPELINE INSPECTION	7,376.00	LF		\$	

Section: 0005 - BRIDGE-27648

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1560	02231		STRUCTURE GRANULAR BACKFILL	1,056.20	CUYD		\$	
1570	02998		MASONRY COATING	1,054.00	SQYD		\$	
1580	08001		STRUCTURE EXCAVATION-COMMON	4,926.00	CUYD		\$	
1590	08002		STRUCTURE EXCAV-SOLID ROCK	145.00	CUYD		\$	
1600	08019		CYCLOPEAN STONE RIP RAP	3,698.00	TON		\$	
1610	08033		TEST PILES	78.00	LF		\$	
1620	08046		PILES-STEEL HP12X53	972.00	LF		\$	
1630	08094		PILE POINTS-12 IN	32.00	EACH		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1640	08100		CONCRETE-CLASS A	603.30	CUYD		\$	
1650	08104		CONCRETE-CLASS AA	1,009.30	CUYD		\$	
1660	08135		MECHANICAL REINF COUPLER #10	43.00	EACH		\$	
1670	08150		STEEL REINFORCEMENT	67,877.00	LB		\$	
1680	08151		STEEL REINFORCEMENT-EPOXY COATED	249,355.00	LB		\$	
1690	08634		PRECAST PC I BEAM TYPE 4	1,612.30	LF		\$	
1700	23630EC		ARMORED EDGE FOR CONCRETE	1.00	LS		\$	
1710	23813EC		DECK DRAIN	24.00	EACH		\$	

Section: 0006 - BRIDGE-CULVERT 27646

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1720	08002		STRUCTURE EXCAV-SOLID ROCK	13.00	CUYD		\$	
1730	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1740	08100		CONCRETE-CLASS A	511.20	CUYD		\$	
1750	08150		STEEL REINFORCEMENT	69,192.00	LB		\$	

Section: 0007 - BRIDGE-RETAINING WALL 27647

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1760	08001		STRUCTURE EXCAVATION-COMMON	37.00	CUYD		\$	
1770	08002		STRUCTURE EXCAV-SOLID ROCK	51.00	CUYD		\$	
1780	08039		PRE-DRILLING FOR PILES	60.00	LF		\$	
1790	08051		PILES-STEEL HP14X89	165.00	LF		\$	
1800	08100		CONCRETE-CLASS A	17.10	CUYD		\$	
1810	08150		STEEL REINFORCEMENT	2,354.00	LB		\$	
1820	21119ED		CONCRETE FORM LINER	42.00	SQYD		\$	

Section: 0008 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1830	06406		SBM ALUM SHEET SIGNS .080 IN	350.00	SQFT		\$	
1840	06407		SBM ALUM SHEET SIGNS .125 IN	80.00	SQFT		\$	
1850	06410		STEEL POST TYPE 1	300.00	LF		\$	
1860	06411		STEEL POST TYPE 2	900.00	LF		\$	
1870	06490		CLASS A CONCRETE FOR SIGNS	.65	CUYD		\$	
1880	21373ND		REMOVE SIGN	5.00	EACH		\$	
1890	21596ND		GMSS TYPE D	10.00	EACH		\$	
1900	24631EC		BARCODE SIGN INVENTORY	81.00	EACH		\$	

Section: 0009 - SIGNALIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1910	04795		CONDUIT-2 IN	1,100.00	LF		\$	
1920	04811		ELECTRICAL JUNCTION BOX TYPE B	6.00	EACH		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1930	04820		TRENCHING AND BACKFILLING	1,100.00	LF		\$	
1940	04830		LOOP WIRE	4,000.00	LF		\$	
1950	04844		CABLE-NO. 14/5C	2,200.00	LF		\$	
1960	04850		CABLE-NO. 14/1 PAIR	4,000.00	LF		\$	
1970	04885		MESSENGER-10800 LB	450.00	LF		\$	
1980	04895		LOOP SAW SLOT AND FILL	1,100.00	LF		\$	
1990	04931		INSTALL CONTROLLER TYPE 170	1.00	EACH		\$	
2000	04932		INSTALL STEEL STRAIN POLE	4.00	EACH		\$	
2010	20093NS835		INSTALL PEDESTRIAN HEAD-LED	8.00	EACH		\$	
2020	20188NS835		INSTALL LED SIGNAL-3 SECTION	8.00	EACH		\$	
2030	20456NS835		INSTALL TEMP VIDEO CAMERA	5.00	EACH		\$	
2040	21743NN		INSTALL PEDESTRIAN DETECTOR	8.00	EACH		\$	
2050	23157EN		TRAFFIC SIGNAL POLE BASE	18.00	CUYD		\$	
2060	24955ED		REMOVE SIGNAL EQUIPMENT	1.00	EACH		\$	

Section: 0010 - LIGHTING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2070	04701		POLE 40 FT MTG HT	18.00	EACH		\$	
2080	04722		BRACKET 8 FT	3.00	EACH		\$	
2090	04725		BRACKET 15 FT	15.00	EACH		\$	
2100	04740		POLE BASE	18.00	EACH		\$	
2110	04750		TRANSFORMER BASE	18.00	EACH		\$	
2120	04761		LIGHTING CONTROL EQUIPMENT	1.00	EACH		\$	
2130	04780		FUSED CONNECTOR KIT	18.00	EACH		\$	
2140	04793		CONDUIT-1 1/4 IN	3,600.00	LF		\$	
2150	04795		CONDUIT-2 IN	375.00	LF		\$	
2160	04820		TRENCHING AND BACKFILLING	4,000.00	LF		\$	
2170	04832		WIRE-NO. 12	1,836.00	LF		\$	
2180	04833		WIRE-NO. 8	10,800.00	LF		\$	
2190	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	4.00	EACH		\$	
2200	24589ED		LED LUMINAIRE	18.00	EACH		\$	

Section: 0011 - WATERLINE-BOONE COUNTY WATER DISTRICT

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2210	14004		W DIRECTIONAL BORE	200.00	LF		\$	
2220	14009		W ENCASEMENT STEEL BORED RANGE 4	77.00	LF		\$	
2230	14011		W ENCASEMENT STEEL BORED RANGE 6	64.00	LF		\$	
2240	14018		W FIRE HYDRANT ADJUST	3.00	EACH		\$	
2250	14019		W FIRE HYDRANT ASSEMBLY	11.00	EACH		\$	
2260	14020		W FIRE HYDRANT RELOCATE	15.00	EACH		\$	
2270	14029		W METER ADJUST	3.00	EACH		\$	
2280	14030		W METER RELOCATE	28.00	EACH		\$	
2290	14037		W PIPE DUCTILE IRON 08 INCH	1,044.00	LF		\$	
2300	14039		W PIPE DUCTILE IRON 12 INCH	130.00	LF		\$	
2310	14040		W PIPE DUCTILE IRON 16 INCH	9,088.00	LF		\$	

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2320	14048		W PIPE DCTL IRON RSTRND JOINT 08 IN	93.00	LF		\$	
2330	14050		W PIPE DCTL IRON RSTRND JOINT 12 IN	100.00	LF		\$	
2340	14051		W PIPE DCTL IRON RSTRND JOINT 16 IN	281.00	LF		\$	
2350	14074		W PLUG EXISTING MAIN	2.00	EACH		\$	
2360	14090		W TAPPING SLEEVE AND VALVE SIZE 2	1.00	EACH		\$	
2370	14095		W TIE-IN 08 INCH	5.00	EACH		\$	
2380	14097		W TIE-IN 12 INCH	2.00	EACH		\$	
2390	14098		W TIE-IN 16 INCH	3.00	EACH		\$	
2400	14106		W VALVE 08 INCH	6.00	EACH		\$	
2410	14108		W VALVE 12 INCH	3.00	EACH		\$	
2420	14109		W VALVE 16 INCH	14.00	EACH		\$	
2430	14113		W VALVE BOX ADJUST	11.00	EACH		\$	
2440	14118		W VALVE CUT-IN 08 INCH	4.00	EACH		\$	
2450	14121		W VALVE CUT-IN 16 INCH	2.00	EACH		\$	
2460	14145		W SERV COPPER LONG SIDE 1 IN	1.00	EACH		\$	
2470	14147		W SERV COPPER LONG SIDE 2 IN	1.00	EACH		\$	
2480	14148		W SERV COPPER LONG SIDE 3/4 IN	15.00	EACH		\$	
2490	14152		W SERV COPPER SHORT SIDE 3/4 IN	20.00	EACH		\$	

Section: 0012 - WATERLINE-CITY OF FLORENCE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2500	14001		W AIR RELEASE VALVE 3/4 INCH	1.00	EACH		\$	
2510	14019		W FIRE HYDRANT ASSEMBLY	1.00	EACH		\$	
2520	14037		W PIPE DUCTILE IRON 08 INCH	250.00	LF		\$	
2530	14095		W TIE-IN 08 INCH	2.00	EACH		\$	
2540	14113		W VALVE BOX ADJUST	7.00	EACH		\$	

Section: 0013 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2550	02568		MOBILIZATION	1.00	LS		\$	
2560	02569		DEMOBILIZATION	1.00	LS		\$	

GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	KY 237	THUNDER RIDGE DRIVE	CARTERS MILL / OAKBROOK	CAMP ERNST ROAD	BLUE STEM EXTENSION	MOT	PROJECT TOTALS
21	DRAINAGE BLANKET - EMBANKMENT	CY	3,137	0	0	0	0		3,137
1000	PERFORATED PIPE - 4 INCH	LF	33,722	0	0	0	0		33,722
1010	NON-PERFORATED PIPE - 4 INCH	LF	96	0	0	0	0		96
1020	PERFORATED PIPE HEADWALL TYPE 1-4"	EACH	1	0	0	0	0		1
1024	PERFORATED PIPE HEADWALL TYPE 2-4"	EACH	2	0	0	0	0		2
1028	PERFORATED PIPE HEADWALL TYPE 3-4"	EACH	4	0	0	0	0		4
1875	STANDARD HEADER CURB	LF	1,584	0	0	268	0		1,852
1890	ISLAND HEADER CURB TYPE 1	LF	438	0	0	0	0		438
2091	REMOVE PAVEMENT	SOYD	1,346	0	0	0	0		1,346
2159	TEMPORARY DITCH	LF	7,887	75	160	305	127		8,554
2160	CLEAN TEMPORARY DITCH	LF	3,944	38	80	153	64		4,279
78	CRUSHED AGGREGATE SIZE NO. 2	TON	2,287	0	0	0	0		2,287
23649EC	DRAIN POND (STA. 222+83 31' RT.)	LS							1
2230	EMBANKMENT IN PLACE	CUYD	242,795	289	0	1,050	41		273,799
2242	WATER	MGAL	598	5	12	23	10		648
2274	FENCE-6 FT CHAIN LINK	LF	842	0	0	0	0		842
2287	DBL. VEHICULAR CHAIN LINK GATE (10' WIDE)	EACH	1	0	0	0	0		1
2351	GUARDRAIL-STEEL W BEAM-S FACE	LF	5,412.5	0	0	0	0		5,412.5
2360	GUARDRAIL TERMINAL SECTION NO 1	EACH	2	0	0	0	0		2
2363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	EACH	4	0	0	0	0		4
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	5	0	0	0	0		5
2381	REMOVE GUARDRAIL	LF	0	0	0	50	0		50
2391	GUARDRAIL END TREATMENT TYPE 4A	EACH	19	0	0	0	0		19
2429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	114	0	0	6	6		126
2432	WITNESS POST	EACH	3	0	0	0	0		3
2484	CHANNEL LINING CLASS III	TON	933	0	0	0	0		1,343
23274ENIIF	TURF REINFORCEMENT MAT 1	SOYD	5,178	0	0	68	0		5,246
23275ENIIF	TURF REINFORCEMENT MAT 2	SOYD	795	0	0	0	0		795
23276ENIIF	TURF REINFORCEMENT MAT 3	SOYD	351	0	0	0	0		351
2545	CLEARING AND GRUBBING	LS							1
2568	MOBILIZATION	LS							1
2569	DEMobilIZATION	LS							1
2585	EDGE KEY	LF	96	30	64	20	0		210
2599	FABRIC-GEOTEXTILE TYPE IV	SOYD	51,561	0	0	0	0		51,561
2650	MAINTAIN & CONTROL TRAFFIC	LS							1
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH							4
2703	SILT TRAP TYPE A	EACH							72
2704	SILT TRAP TYPE B	EACH							72
2705	SILT TRAP TYPE C	EACH							72
2706	CLEAN SILT TRAP TYPE A	EACH							72
2707	CLEAN SILT TRAP TYPE B	EACH							72
2708	CLEAN SILT TRAP TYPE C	EACH							72
2726	STAKING	LS							1
2775	FLASHING ARROW	EACH	2	0	0	0	0		2
5950	EROSION CONTROL BLANKET	SOYD	5,480	0	0	678	-		6,158
5952	TEMPORARY MULCH	SOYD							233,578
5953	TEMP SEEDING AND PROTECTION	SOYD							175,184
5963	INITIAL FERTILIZER	TON							6.9
5964	20-10-10 FERTILIZER	TON							11.5
5985	SEEDING AND PROTECTION	SOYD							198,270
5990	SODDING	SOYD	17,457	118	145	0	210		17,930
5992	AGRICULTURAL LIMESTONE	TON							138.0
23626FC	DETENTION BASIN - STA. 101+56.57	LS							1
23626EC	DETENTION BASIN - STA. 194+55.35	LS							1
2676	MOBILIZATION FOR MILL & TEXT	LS							1
23649FC	DRAIN POND (STA. 195+20 40' RT.)	LS							1
23649EC	DRAIN POND (STA. 217+14 71' LT.)	LS							1

NOTES:

- ① APPROXIMATELY 72.39 ACRES
- ② FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY (200 MGAL/MILE)
- ③ EARTHWORK
- ④ EXCAVATION
- ⑤ 178,121 C.Y. COM FROM CROSS SECTIONS
- ⑥ 7,599 C.Y. RDZ
- ⑦ 18,233 C.Y. TRANSVERSE BENCHING
- ⑧ 10,222 C.Y. EMB. FOUND. BENCHING
- ⑨ 214,175 C.Y. TOTAL
- ⑩ EMBANKMENT
- ⑪ 244,175 C.Y. EMB FROM CROSS SECTIONS
- ⑫ 1,169 C.Y. REFILL
- ⑬ 18,233 C.Y. TRANSVERSE BENCHING
- ⑭ 10,222 C.Y. EMB. FOUND. BENCHING
- ⑮ 273,799 C.Y. TOTAL

ESTIMATE FOR EARTHWORK CALCULATIONS. FOR DESIGN ONLY. COMMON IS CONSIDERED THE AREA ABOVE THE RDZ LINE AS SHOWN ON THE CROSS-SECTIONS. THE CONTRACTOR IS ADVISED THAT THE EARTHWORK CALCULATIONS SHOWN ARE FOR INFORMATION ONLY. ASSUMPTIONS FOR SHRINKAGE FACTORS ARE THE CONTRACTOR'S RESPONSIBILITY.

④ SEE GEOTECHNICAL REPORT FOR LOCATIONS.

⑤ INCLUDES 7 TONS FROM PERFORATED PIPE SUMMARY SHEET. SEE GEOTECHNICAL REPORT NOTE 16 FOR LOCATION.

⑥ TOTAL INCLUDES 410 TONS FROM PIPE DRAINAGE SUMMARY SHEET.

⑦ FOR FOUNDATION EMBANKMENT BENCHES. SEE GEOTECHNICAL REPORT NOTE 15 FOR LOCATION. ESTIMATED QUANTITIES:
3,137 CY DRAINAGE BLANKET - EMB
18,182 SY FABRIC - GEOTEXTILE TYPE IV

⑧ FOR EMBANKMENT STABILITY AT STRUCTURE SEE GEOTECHNICAL REPORT NOTE 10 FOR LOCATION. ESTIMATED QUANTITIES:
874 TONS CRUSHED AGGREGATE SIZE NO. 2
7,276 SY FABRIC - GEOTEXTILE TYPE IV

⑨ ASSUME CONSTRUCTION PERIOD OF 2 SEASONS.

⑩ FOR POND STABILIZATION. SEE GEOTECHNICAL REPORT NOTE 20 FOR LOCATION.

⑪ THIS VALUE PROVIDES FOR 1' OF UNDERCUT IN SHALE AREAS.

⑫ INCLUDES 295 TONS FOR SPILL-THRU STABILITY SEE GEOTECHNICAL REPORT NOTE 11 FOR LOCATION.

⑬ SEE GEOTECHNICAL REPORT NOTE 21 FOR LOCATIONS.

⑭ INCLUDES 668 CY COM FROM CUL-DE-SACS

⑮ FOR SOFT AND/OR SATURATED SOILS. SEE GEOTECHNICAL NOTE NO. 12. ESTIMATED QUANTITIES:
256 TONS CRUSHED AGGREGATE SIZE NO. 2
5,375 SY FABRIC - GEOTEXTILE TYPE IV

⑯ FOR CROSS-OVERS, TIE-INS, ENTRANCES, ETC. SEE GEOTECHNICAL NOTE NO. 7. ESTIMATED QUANTITIES:
250 TONS CRUSHED AGGREGATE SIZE NO. 2
8,730 SY FABRIC - GEOTEXTILE TYPE IV

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
BOONE	6-8001.21	R2f

ITEM	DESCRIPTION	UNIT	KY 237	THUNDER RIDGE DRIVE	CARTERS MILL / OAKBROOK	CAMP ERNST ROAD	BLUE STEM EXTENSION	MOT	PROJECT TOTALS
21	DRAINAGE BLANKET - EMBANKMENT	CY	3,137	0	0	0	0		3,137
1000	PERFORATED PIPE - 4 INCH	LF	33,722	0	0	0	0		33,722
1010	NON-PERFORATED PIPE - 4 INCH	LF	96	0	0	0	0		96
1020	PERFORATED PIPE HEADWALL TYPE 1-4"	EACH	1	0	0	0	0		1
1024	PERFORATED PIPE HEADWALL TYPE 2-4"	EACH	2	0	0	0	0		2
1028	PERFORATED PIPE HEADWALL TYPE 3-4"	EACH	4	0	0	0	0		4
1875	STANDARD HEADER CURB	LF	1,584	0	0	268	0		1,852
1890	ISLAND HEADER CURB TYPE 1	LF	438	0	0	0	0		438
2091	REMOVE PAVEMENT	SOYD	1,346	0	0	0	0		1,346
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2351	GUARDRAIL-STEEL W BEAM-S FACE	LF	5,412.5	0	0	0	0		5,412.5
2360	GUARDRAIL TERMINAL SECTION NO 1	EACH	2	0	0	0	0		2
2363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	EACH	4	0	0	0	0		4
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	5	0	0	0	0		5
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 18,182 SY FABRIC - GEOTEXTILE TYPE IV
- ⑧ FOR EMBANKMENT STABILITY AT STRUCTURE SEE GEOTECHNICAL REPORT NOTE 10 FOR LOCATION. ESTIMATED QUANTITIES:
 874 TONS CRUSHED AGGREGATE SIZE NO. 2
 7,276 SY FABRIC - GEOTEXTILE TYPE IV
- ⑨ ASSUME CONSTRUCTION PERIOD OF 2 SEASONS.
- ⑩ FOR POND STABILIZATION. SEE GEOTECHNICAL REPORT NOTE 20 FOR LOCATION.
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- ⑮ FOR SOFT AND/OR SATURATED SOILS. SEE GEOTECHNICAL NOTE NO. 12. ESTIMATED QUANTITIES:
 256 TONS CRUSHED AGGREGATE SIZE NO. 2
 5,375 SY FABRIC - GEOTEXTILE TYPE IV
- ⑯ FOR CROSS-OVERS, TIE-INS, ENTRANCES, ETC. SEE GEOTECHNICAL NOTE NO. 7. ESTIMATED QUANTITIES:
 250 TONS CRUSHED AGGREGATE SIZE NO. 2
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