



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

January 28, 2015

CALL NO. 104
CONTRACT ID NO. 151302
ADDENDUM # 1

Subject: Franklin County, STP 7320 (010)
Letting January 30, 2015

- (1) Revised - Plan Sheet - T1
- (2) Revised - Bid Items - Pages 316-318 of 318

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

Plan revisions are available at <http://www.lynnimaging.com/kytransportation/>.

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

Sincerely,

A handwritten signature in blue ink that reads "Diana Castle Radcliffe".

Diana Castle Radcliffe
Director
Division of Construction Procurement

DR:ks
Enclosures



An Equal Opportunity Employer M/F/D

COUNTY OF	ITEM NO.	SHEET NO.
FRANKLIN	5-2026.00	11

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 (502-564-3820) 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".

TRAFFIC SIGNAL ESTIMATE OF QUANTITIES

US 60 LEAWOOD	US 60 COLLINS	US 60 US 127	US 60 PERIMETER	TOTAL	UNITS	CODE	ITEM DESCRIPTION
60	40	65	185	350	LIN FT	4793	CONDUIT 1 1/4 INCH
0	0	0	100	100	LIN FT	4795	CONDUIT 2 INCH
50	40	60	100	250	LIN FT	4820	TRENCHING AND BACKFILLING
1720	980	1,325	3,445	7470	LIN FT	4844	CABLE-NO. 14/5C
0	0	0	500	500	LIN FT	4885	MESSENGER-10800 LB
0	0	0	1	1	EACH	4931	INSTALL SIG CONTROLLER-TYPE 170
0	0	0	4	4	EACH	4932	INSTALL STEEL STRAIN POLE
1	1	1	1	4	EACH	4950	REMOVE SIGNAL EQUIPMENT
8	4	8	8	28	EACH	20093NS835	INSTALL PEDESTRIAN HEAD LED
4	5	0	8	17	EACH	20188NS835	INSTALL SIGNAL-3 SECTION LED
2	0	0	2	4	EACH	20266ES835	INSTALL SIGNAL-4 SECTION LED
8	4	8	8	28	EACH	21743NN	INSTALL PEDESTRIAN DETECTOR
0	0	0	19	19	CU YD	23157EN	TRAFFIC SIGNAL POLE BASE
4	1	3	4	12	EACH	23222EC	INSTALL SIGNAL PEDESTAL
1	1	1	1	4	EACH	24133EC	INSTALL WIRELESS SENSOR SYSTEM
1	1	1	1	4	EACH	23068NN	REMOVE & REINSTALL COORDINATING UNIT

BID NOTES NOT INCLUDED IN SECTION 723 OR THAT ARE CONTRARY

INSTALL SIGNAL SENSOR SYSTEM SHALL INCLUDE THE INSTALLATION OF ALL SENSOR EQUIPMENT FOR EACH INDIVIDUAL INTERSECTION INCLUDING BUT NOT LIMITED TO THE ACCESS POINT, CONTACT CLOSURE, ACCESS BOX, REPEATER, WIRELESS SENSORS, MOUNTING KIT, AND EPOXY. THIS ITEM SHALL ALSO INCLUDE EQUIPMENT PROGRAMMING COORDINATION WITH MANUFACTURER INCLUDING ANY FEES CHARGED BY THE MANUFACTURER. THE CONTRACTOR SHALL FURNISH AND INSTALL MANUFACTURER SPECIFIED CABLING REQUIRED TO CONNECT SYSTEM FOR OPERATION. THE CONTRACTOR SHALL FURNISH AN INTERSECTION DIAGRAM AND EXCEL SPREADSHEET SHOWING EACH SENSOR LOCATION AND THE ASSOCIATED SENSOR ID. THIS DIAGRAM SHALL BE SUBMITTED AS A DRAWING SCANNED IN PDF AND EMAILED TO THE TED.SWANSEGAR@KY.GOV BEFORE FINAL INSPECTION IS REQUESTED. THE MANUFACTURER OF THE SUPPLIED SENSOR SYSTEM SHALL BE SENSYS NETWORKS.

REMOVE AND REINSTALL EXISTING RADIO, 3FT JUMPER, SURGE ARRESTOR, & CONTROLLER CABLE FROM EXISTING SIGNALS. THIS SHALL BE INCIDENTAL TO BID ITEM NUMBER 23068NN

FILE NAME: C:\PWORK\VERDO\BTLIE\000005U\100005U.DGN

USER: verdo,eyls
DATE PLOTTED: January 28, 2015

E-SHEET NAME: 100005U

MicroStation v8.11.7.443

6/23/2014

DESIGNED BY: CW & IAS
DATE SUBMITTED: 11/24/2014
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS COUNTY OF FRANKLIN
PROJECT NUMBER: EQ52_037_0060_006-008
TRAFFIC SIGNAL ESTIMATE OF QUANTITIES MEASUREMENT, CONST, AND MISC NOTES

REVISED 1-28-2015

REMOVE BID ITEM
 TEMPORARY RELOCATION OF SIGNAL HEAD
 AND ALL QUANTITIES ASSOCIATED WITH ITEM

TRAFFIC SIGNAL ESTIMATE OF QUANTITIES

US 60 LEAWOOD	US 60 COLLINS	US 60 US 127	US 60 PERIMETER	TOTAL	UNITS	CODE	ITEM DESCRIPTION
60	40	65	185	350	LIN FT	4793	CONDUIT 1 1/4 INCH
0	0	0	100	100	LIN FT	4795	CONDUIT 2 INCH
50	40	60	100	250	LIN FT	4820	TRENCHING AND BACKFILLING
1720	980	1,325	3,445	7470	LIN FT	4844	CABLE-NO. 14/5C
0	0	0	500	500	LIN FT	4885	MESSENGER-10800 LB
0	0	0	1	1	EACH	4931	INSTALL SIG CONTROLLER-TYPE 170
0	0	0	4	4	EACH	4932	INSTALL STEEL STRAIN POLE
1	1	1	1	4	EACH	4950	REMOVE SIGNAL EQUIPMENT
8	4	8	8	28	EACH	20083NS835	INSTALL PEDESTRIAN HEAD LED
4	5	0	8	17	EACH	20188NS835	INSTALL SIGNAL-3 SECTION LED
2	0	0	2	4	EACH	20266ES835	INSTALL SIGNAL-4 SECTION LED
8	4	8	8	28	EACH	21743NN	INSTALL PEDESTRIAN DETECTOR
0	0	0	19	19	CU YD	23157EN	TRAFFIC SIGNAL POLE BASE
4	1	3	4	12	EACH	23222EC	INSTALL SIGNAL PEDESTAL
1	1	1	1	4	EACH	24133EC	INSTALL WIRELESS SENSOR SYSTEM
1	1	1	1	4	EACH	23068NN	REMOVE & REINSTALL COORDINATING UNIT

REMOVE AND REINSTALL EXISTING RADIO, 3FT JUMPER, SURGE ARRESTOR, & CONTROLLER CABLE FROM EXISTING SIGNALS. THIS SHALL BE INCIDENTAL TO BID ITEM NUMBER 23068NN

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 (502-564-3820) 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".

BID NOTES NOT INCLUDED IN SECTION 723 OR THAT ARE CONTRARY

INSTALL SIGNAL SENSOR SYSTEM SHALL INCLUDE THE INSTALLATION OF ALL SENSOR EQUIPMENT FOR EACH INDIVIDUAL INTERSECTION INCLUDING BUT NOT LIMITED TO THE ACCESS POINT, CONTACT CLOSURE, ACCESS BOX, REPEATER, WIRELESS SENSORS, MOUNTING KIT, AND EPOXY. THIS ITEM SHALL ALSO INCLUDE EQUIPMENT PROGRAMMING COORDINATION WITH MANUFACTURER INCLUDING ANY FEES CHARGED BY THE MANUFACTURER. THE CONTRACTOR SHALL FURNISH AND INSTALL MANUFACTURER SPECIFIED CABLING REQUIRED TO CONNECT SYSTEM FOR OPERATION. THE CONTRACTOR SHALL FURNISH AN INTERSECTION DIAGRAM AND EXCEL SPREADSHEET SHOWING EACH SENSOR LOCATION AND THE ASSOCIATED SENSOR ID. THIS DIAGRAM SHALL BE SUBMITTED AS A DRAWING SCANNED IN PDF AND EMAILED TO THE TED.SWANSEGAR@KY.GOV BEFORE FINAL INSPECTION IS REQUESTED. THE MANUFACTURER OF THE SUPPLIED SENSOR SYSTEM SHALL BE SENSYS NETWORKS.

FILE NAME: C:\PWORK\VERDA\BTL\100000SU.DGN

USER: verda.evl
 DATE PLOTTED: January 28, 2015

E-SHEET NAME: 100000SU

MicroStation v8.11.7.443

6/23/2014

DESIGNED BY: CW & IAS
DATE SUBMITTED: 11/24/2014
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS COUNTY OF FRANKLIN
PROJECT NUMBER: EQ52_037_0060_006-008
----- TRAFFIC SIGNAL ESTIMATE OF QUANTITIES MEASUREMENT, CONST, AND MISC NOTES -----

PROPOSAL BID ITEMS

151302

Page 1 of 3

Report Date 1/28/15

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	20,763.00	TON		\$	
0020	00005		GEOGRID REINFORCEMENT FOR SUBGRADE	51,496.00	SQYD		\$	
0030	01830		STANDARD INTEGRAL CURB	10,164.00	LF		\$	
0040	01935		MOUNTABLE MEDIAN TYPE 1	283.00	SQYD		\$	
0050	01956		CONC TERMINAL SECTION TYPE 1	1.00	EACH		\$	
0060	02015		CEMENT CONCRETE ISLAND	263.00	SQYD		\$	
0070	02069		JPC PAVEMENT-10 IN	50,620.00	SQYD		\$	
0080	02091		REMOVE PAVEMENT	52,988.00	SQYD		\$	
0090	02101		CEM CONC ENT PAVEMENT-8 IN	1,627.00	SQYD		\$	
0100	02599		FABRIC-GEOTEXTILE TYPE IV	54,496.00	SQYD		\$	
0110	02720		SIDEWALK-4 IN CONCRETE	5,330.00	SQYD		\$	
0120	21877EN		BARRIER INTEGRAL CURB	605.00	LF		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0130	00003		CRUSHED STONE BASE	1,000.00	TON		\$	
0140	02003		RELOCATE TEMP CONC BARRIER	1,200.00	LF		\$	
0150	02014		BARRICADE-TYPE III	40.00	EACH		\$	
0160	02060		PCC PAVEMENT DIAMOND GRINDING	3,445.00	SQYD		\$	
0170	02200		ROADWAY EXCAVATION	5,478.00	CUYD		\$	
0180	02230		EMBANKMENT IN PLACE	1,000.00	CUYD		\$	
0190	02562		TEMPORARY SIGNS	1,500.00	SQFT		\$	
0200	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0210	02671		PORTABLE CHANGEABLE MESSAGE SIGN	7.00	EACH		\$	
0220	02726		STAKING	1.00	LS		\$	
0230	02775		ARROW PANEL	6.00	EACH		\$	
0240	03171		CONCRETE BARRIER WALL TYPE 9T	600.00	LF		\$	
0250	05950		EROSION CONTROL BLANKET	1,500.00	SQYD		\$	
0260	05985		SEEDING AND PROTECTION	12,000.00	SQYD		\$	
0270	06510		PAVE STRIPING-TEMP PAINT-4 IN	50,592.00	LF		\$	
0280	06514		PAVE STRIPING-PERM PAINT-4 IN	27,365.00	LF		\$	
0290	06516		PAVE STRIPING-PERM PAINT-8 IN	446.00	LF		\$	
0300	06549		PAVE STRIPING-TEMP REM TAPE-B	1,000.00	LF		\$	
0310	06550		PAVE STRIPING-TEMP REM TAPE-W	2,600.00	LF		\$	
0320	06551		PAVE STRIPING-TEMP REM TAPE-Y	1,000.00	LF		\$	
0330	06589		PAVEMENT MARKER TYPE V-MW	195.00	EACH		\$	
0340	06591		PAVEMENT MARKER TYPE V-BY	230.00	EACH		\$	
0350	08002		STRUCTURE EXCAV-SOLID ROCK	4,500.00	CUYD		\$	
0360	10020NS		FUEL ADJUSTMENT	25,912.00	DOLL	\$1.00	\$	\$25,912.00
0370	20411ED		LAW ENFORCEMENT OFFICER	1,800.00	HOURL		\$	
0380	20418ED		REMOVE & RELOCATE SIGNS	15.00	EACH		\$	
0390	22664EN		WATER BLASTING EXISTING STRIPE	25,296.00	LF		\$	
0400	23143ED		KPDES PERMIT AND TEMP EROSION CONTROL	1.00	LS		\$	
0410	23158ES505		DETECTABLE WARNINGS	1,200.00	SQFT		\$	

PROPOSAL BID ITEMS

151302

Page 2 of 3

Report Date 1/28/15

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0420	23251ES717		PAVE MARK TY 1 TAPE X-WALK-6 IN	2,133.00	LF		\$	
0430	23254ES717		PAVE MARK TY 1 TAPE DOTTED LANE EXT	425.00	LF		\$	
0440	23256ES717		PAVE MARK TY 1 TAPE -ONLY	2.00	EACH		\$	
0450	23265ES717		PAVE MARK TY 1 TAPE STOP BAR-24 IN	353.00	LF		\$	
0460	23267ES717		PAVE MARK TY 1 TAPE-BIKE	29.00	EACH		\$	
0470	23268ES717		PAVE MARK TY 1 TAPE-MERGE ARROW	4.00	EACH		\$	
0480	23269ES717		PAVE MARK TY 1 TAPE-COMBO ARROW	4.00	EACH		\$	
0490	23270ES717		PAVE MARK TY 1 TAPE-CURV ARROW	40.00	EACH		\$	
0500	23745EC		YIELD LINES	1.00	EACH		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0510	00462		CULVERT PIPE-18 IN	25.00	LF		\$	
0520	00468		CULVERT PIPE-36 IN	12.00	LF		\$	
0530	00521		STORM SEWER PIPE-15 IN	40.00	LF		\$	
0540	00522		STORM SEWER PIPE-18 IN	27.00	LF		\$	
0550	00530		STORM SEWER PIPE-48 IN	11.00	LF		\$	
0560	01432		SLOPED BOX OUTLET TYPE 1-15 IN	1.00	EACH		\$	
0570	01433		SLOPED BOX OUTLET TYPE 1-18 IN	1.00	EACH		\$	
0580	01451		S & F BOX INLET-OUTLET-24 IN	2.00	EACH		\$	
0590	01456		CURB BOX INLET TYPE A	2.00	EACH		\$	
0600	01459		CURB BOX INLET TYPE A MOD	37.00	EACH		\$	
0610	01538		DROP BOX INLET TYPE 7	1.00	EACH		\$	
0620	01645		JUNCTION BOX-36 IN	1.00	EACH		\$	
0630	01717		FILL AND CAP INLET	2.00	EACH		\$	
0640	01756		MANHOLE TYPE A	1.00	EACH		\$	
0650	01792		ADJUST MANHOLE	23.00	EACH		\$	
0660	02237		DITCHING	4,070.00	LF		\$	
0670	02483		CHANNEL LINING CLASS II	1,200.00	TON		\$	
0680	02484		CHANNEL LINING CLASS III	500.00	TON		\$	
0690	02690		SAFELADING	8.00	CUYD		\$	
0700	22660EN		REPLACE GRATE	298.00	LB		\$	
0710	22938ND		SAFETY BOX INLET-15 IN	4.00	EACH		\$	
0720	23478EC		CURE IN PLACE PIPE LINER-12 IN	1,181.00	LF		\$	
0730	23479EC		CURE IN PLACE PIPE LINER-15 IN	323.00	LF		\$	
0740	23480EC		CURE IN PLACE PIPE LINER-18 IN	1,426.00	LF		\$	
0750	23484EC		PERFORM CIPP ACCEPTANCE TESTING	1.00	LS		\$	
0760	23956EC		PIPE REPAIR	5.00	EACH		\$	
0770	24543EC		CLEAN (CULVERT PIPE)	5,311.00	LF		\$	
0780	24599EC		CURE IN PLACE PIPE LINER (24 IN PIPE)	1,325.00	LF		\$	
0790	24599EC		CURE IN PLACE PIPE LINER (27 IN PIPE)	912.00	LF		\$	
0800	24599EC		CURE IN PLACE PIPE LINER (36 IN PIPE)	64.00	LF		\$	
0810	24599EC		CURE IN PLACE PIPE LINER (48 IN PIPE)	80.00	LF		\$	

PROPOSAL BID ITEMS

151302

Page 3 of 3

Report Date 1/28/15

Section: 0004 - SEWER

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0820	01786		FILL AND CAP MANHOLE	2.00	EACH		\$	
0830	23484EC		PERFORM CIPP ACCEPTANCE TESTING (SANITARY SEWER)	1.00	LS		\$	
0840	24543EC		CLEAN (SANITARY SEWER)	868.00	LF		\$	
0850	24599EC		CURE IN PLACE PIPE LINER (10 IN SANITARY SEWER)	213.00	LF		\$	
0860	24599EC		CURE IN PLACE PIPE LINER (18 IN SANITARY SEWER)	655.00	LF		\$	

Section: 0005 - TRAFFIC LOOPS

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0870	04793		CONDUIT-1 1/4 IN	350.00	LF		\$	
0880	04795		CONDUIT-2 IN	100.00	LF		\$	
0890	04820		TRENCHING AND BACKFILLING	250.00	LF		\$	
0900	04844		CABLE-NO. 14/5C	7,470.00	LF		\$	
0910	04885		MESSENGER-10800 LB	500.00	LF		\$	
0920	04931		INSTALL CONTROLLER TYPE 170	1.00	EACH		\$	
0930	04932		INSTALL STEEL STRAIN POLE	4.00	EACH		\$	
0940	04950		REMOVE SIGNAL EQUIPMENT	4.00	EACH		\$	
0950	20093NS835		INSTALL PEDESTRIAN HEAD-LED	28.00	EACH		\$	
0970	20188NS835		INSTALL LED SIGNAL-3 SECTION	17.00	EACH		\$	
0980	20266ES835		INSTALL LED SIGNAL- 4 SECTION	4.00	EACH		\$	
0990	21743NN		INSTALL PEDESTRIAN DETECTOR	28.00	EACH		\$	
1000	23068NN		REMOVE & REINSTALL COORDINATING UNIT	4.00	EACH		\$	
1010	23157EN		TRAFFIC SIGNAL POLE BASE	19.00	CUYD		\$	
1020	23222EC		INSTALL SIGNAL PEDESTAL	12.00	EACH		\$	
1030	24133EC		INSTALL SIGNAL SENSOR SYSTEM	4.00	EACH		\$	

Section: 0006 - LANDSCAPING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1040	23721NN		LANDSCAPING	1.00	LS		\$	

Section: 0007 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1050	02568		MOBILIZATION	1.00	LS		\$	
1060	02569		DEMOBILIZATION	1.00	LS		\$	