TRAFFIC SIGNAL ESTIMATE OF QUANTITIES

ITEM CODE	ITEM	UNIT				TOTAL
2562	SIGNAL	SQ FT				-
2569	ENGINEERING 0.50	LP SUM				-
2600	MAINTAIN & CONTROL TRAFFIC 100	LP SUM				-
2775	FLASHING ARROW	EACH				-
4790	CONDUIT - 1½ INCH	LIN FT				-
4791	CONDUIT - 2 INCH	LIN FT				-
4792	CONDUIT - 3 INCH	LIN FT				-
4793	CONDUIT - 1¼ INCH	LIN FT				-
4794	CONDUIT - 1½ INCH	LIN FT				-
4795	CONDUIT - 2 INCH	LIN FT				-
4796	CONDUIT - 2 ½ INCH	LIN FT				-
4797	CONDUIT - 3 INCH	LIN FT				-
4798	CONDUIT - 3 ½ INCH	LIN FT				-
4799	CONDUIT - 4 INCH	LIN FT				-
480	ELECTRICAL JUNCTION BOX	EACH				-
481	ELECTRICAL JUNCTION BOX TYPE B	EACH				-
4820	TRENCHING AND BACKFILLING	LIN FT				-
483	OPEN CUT ROADWAY	LIN FT				-
4830	LOOP WIRE	LIN FT				-
4840	CABLE - INTERCONNECT	LIN FT				-
484	CABLE - NO. 14/2C	LIN FT				-
4842	CABLE - NO. 14/3C	LIN FT				-
4843	CABLE - NO. 14/4C	LIN FT				-
4844	CABLE - NO. 14/5C	LIN FT				-
4845	CABLE - NO. 14/7C	LIN FT				-
4847	CABLE - NO. 14/7 PAIR	LIN FT				-
485	CABLE - NO. 14/2 PAIR	LIN FT				-
4852	CABLE - NO. 14/3 PAIR	LIN FT				-
487	POLE 30 WOODEN	EACH				-
4872	POLE 40 WOODEN	EACH				-
4873	POLE 45 WOODEN	EACH				-
4880	STEEL STRAIN POLE	EACH				-
4881	SIGNAL ARM POLE	EACH				-
4882	SIGNAL PEDESTAL	EACH				-
4883	POST	EACH				-
4884	ANCHOR	EACH				-
4885	MESSENGER - 6900 LB	LIN FT				-
4886	MESSENGER - 11400 LB	LIN FT				-
4887	INSTALL SIGNAL - 8 LED	EACH				-
4894	PREFORMED LOOP-LEAD-IN	LIN FT				-
4895	LOOP SAW SLOT AND FILL	LIN FT				-
4900	PEDESTRIAN DETECTOR	EACH				-
4905	SIGNAL HOUSING	EACH				-
4910	SIGNAL - 8"	EACH				-
4911	SIGNAL - 12"	EACH				-
4912	SIGNAL - 3 SECTION 12"	EACH				-
4913	SIGNAL - 4 SECTION 12"	EACH				-
4914	SIGNAL - 5 SECTION 12"	EACH				-
4915	SIGNAL - PROGRAMMED	EACH				-
4916	SIGNAL - PEDESTRIAN	EACH				-
4920	SIGNAL CONTROLLER - TYPE 170	EACH				-
4930	BEACON CONTROLLER - 2 CIRCUIT	EACH				-
4931	INSTALL 332 CONTROLLER - TYPE 170	EACH				-
4932	INSTALL STEEL STRAIN POLE	EACH				-
4950	REMOVE SIGNAL EQUIPMENT	EACH				-
4960	REMOVE AND REPLACE SIDEWALK	SQ YD				-
4972	INSTALL SPAN MOUNTED SIGN	EACH				-
2009960X25	INSTALL PEDESTRIAN HEAD LED	EACH				-
2009990X25	INSTALL SIGNAL - 3 SECTION LED	EACH				-
2009990X25	INSTALL SIGNAL - 5 SECTION LED	EACH				-
2009990X25	INSTALL SIGNAL - 4 SECTION LED	EACH				-
2027927	VIDEO DETECTION - INSTALL	EACH				-
2039960X25	INSTALL COORDINATING UNIT	EACH				-
2039960X25	ELECTRICAL JUNCTION BOX TYPE 4	EACH				-
2039960X25	ELECTRICAL JUNCTION BOX TYPE 5	EACH				-
2040960X25	INSTALL SIGNAL - 12" LED	EACH				-
2049260X25	PREFORMED LOOPS	LIN FT				-
2049290X25	PREFORMED QUADRUPOLE LOOPS	LIN FT				-
2049960X25	VIDEO CAMERA	EACH				-
2049960X25	INSTALL TEMP VIDEO CAMERA	EACH				-
2049960X25	INSTALL PED DETECTOR AUDIBLE	EACH				-
2049960X25	AUDIBLE PEDESTRIAN SIGNAL	EACH				-
206390	INSTALL POLE MOUNTED SIGN	EACH				-
2060EN	BORE AND JACK CONDUIT	LIN FT				-
2060NN	RELOCATE SIGNAL HEAD	EACH				-
2068NN	PHOTOVOLTAIC POWERED SCHOOL BEACON	LF SUM				-
2070NN	PEDESTAL CONTROL EQUIPMENT	LF SUM				-
2190NN	INSTALL PEDESTRIAN DETECTOR	EACH				-
2263NN	INSTALL MAST ARM POLE	EACH				-
2320NN	PEDESTAL POST	EACH				-
2352NN	SPAN MOUNTED SIGN	EACH				-
2353NN	ADVANCE BEACON CONTROL	EACH				-
2356NN	REMOVE & REINSTALL COORDINATING UNIT	EACH				-
256729	TRAFFIC SIGNAL POLE BASE	CU YD				-
2323EC	ILLUMINATED STREET SIGN	EACH				-
2323EC	INSTALL SIGNAL PEDESTAL	EACH				-
2327EC	INSTALL PEDESTAL POST	EACH				-
2198EC	INSTALL ANTENNA	EACH				-
2952EC	ADVANCE WARNING FLASHER	EACH				-
2960EC	INSTALL -	EACH				-

TRAFFIC SIGNAL ESTIMATE OF QUANTITIES

TOTAL UNITS CODE — ITEM DESCRIPTION

50	50 FT	2562	SIGNAL
1	LP SUM	2569	ENGINEERING 0.50
1	LP SUM	2600	MAINTAIN & CONTROL TRAFFIC 100
1	EACH	2775	FLASHING ARROW
438	LIN FT	4790	CONDUIT 1½ INCH
775	LIN FT	4791	CONDUIT 2 INCH
75	LIN FT	4792	CONDUIT 3 INCH
410	LIN FT	4793	CONDUIT 1¼ INCH
40	LIN FT	4794	CONDUIT 1½ INCH
75	LIN FT	4795	CONDUIT 2 INCH
75	LIN FT	4796	CONDUIT 2 ½ INCH
78	LIN FT	4797	CONDUIT 3 INCH
78	LIN FT	4798	CONDUIT 3 ½ INCH
21	LIN FT	4799	CONDUIT 4 INCH
9	EACH	480	ELECTRICAL JUNCTION BOX
1	EACH	481	ELECTRICAL JUNCTION BOX TYPE B
25	LIN FT	4820	TRENCHING AND BACKFILLING
44	LIN FT	483	OPEN CUT ROADWAY
90	LIN FT	4830	LOOP WIRE
	LIN FT	4840	CABLE-INTERCONNECT
	LIN FT	484	CABLE-NO. 14/2C
	LIN FT	4842	CABLE-NO. 14/3C
	LIN FT	4843	CABLE-NO. 14/4C
	LIN FT	4844	CABLE-NO. 14/5C
	LIN FT	4845	CABLE-NO. 14/7C
	LIN FT	4847	CABLE-NO. 14/7 PAIR
	LIN FT	485	CABLE-NO. 14/2 PAIR
	LIN FT	4852	CABLE-NO. 14/3 PAIR
	EACH	487	POLE 30 WOODEN
	EACH	4872	POLE 40 WOODEN
	EACH	4873	POLE 45 WOODEN
	EACH	4880	STEEL STRAIN POLE
	EACH	4881	SIGNAL ARM POLE
	EACH	4882	SIGNAL PEDESTAL
	EACH	4883	POST
	EACH	4884	ANCHOR
	LIN FT	4885	MESSENGER-6900 LB
	LIN FT	4886	MESSENGER-11400 LB
	EACH	4887	INSTALL SIGNAL - 8 LED
	LIN FT	4894	PREFORMED LOOP-LEAD-IN
	LIN FT	4895	LOOP SAW SLOT AND FILL
	EACH	4900	PEDESTRIAN DETECTOR
	EACH	4905	SIGNAL HOUSING
	EACH	4910	SIGNAL-8"
	EACH	4911	SIGNAL-12"
	EACH	4912	SIGNAL-3 SECTION 12"
	EACH	4913	SIGNAL-4 SECTION 12"
	EACH	4914	SIGNAL-5 SECTION 12"
	EACH	4915	SIGNAL-PROGRAMMED
	EACH	4916	SIGNAL-PEDESTRIAN
	EACH	4920	SIGNAL CONTROLLER-TYPE 170
	EACH	4930	BEACON CONTROLLER-2 CIRCUIT
	EACH	4931	INSTALL 332 CONTROLLER-TYPE 170
	LF SUM	4932	INSTALL STEEL STRAIN POLE
	EACH	4950	REMOVE SIGNAL EQUIPMENT
	SQ YD	4960	REMOVE AND REPLACE SIDEWALK
	EACH	4972	INSTALL SPAN MOUNTED SIGN
	EACH	2009960X25	INSTALL PEDESTRIAN HEAD LED
	EACH	2009990X25	INSTALL SIGNAL - 3 SECTION LED
	EACH	2009990X25	INSTALL SIGNAL - 5 SECTION LED
	EACH	2009990X25	INSTALL SIGNAL - 4 SECTION LED
	EACH	2027927	VIDEO DETECTION - INSTALL
	EACH	2039960X25	INSTALL COORDINATING UNIT
	EACH	2039960X25	ELECTRICAL JUNCTION BOX TYPE 4
	EACH	2039960X25	ELECTRICAL JUNCTION BOX TYPE 5
	EACH	2040960X25	INSTALL SIGNAL - 12" LED
	LIN FT	2049260X25	PREFORMED LOOPS
	LIN FT	2049290X25	PREFORMED QUADRUPOLE LOOPS
	EACH	2049960X25	VIDEO CAMERA
	EACH	2049960X25	INSTALL TEMP VIDEO CAMERA
	EACH	2049960X25	INSTALL PED DETECTOR AUDIBLE
	EACH	2049960X25	AUDIBLE PEDESTRIAN SIGNAL
	EACH	206390	INSTALL POLE MOUNTED SIGN
	LIN FT	2060EN	BORE AND JACK CONDUIT
	EACH	2060NN	RELOCATE SIGNAL HEAD
	LF SUM	2068NN	PHOTOVOLTAIC POWERED SCHOOL BEACON
	EACH	2070NN	INSTALL PEDESTRIAN DETECTOR
	EACH	2190NN	INSTALL MAST ARM POLE
	EACH	2263NN	PEDESTAL POST
	EACH	2320NN	SPAN MOUNTED SIGN
	EACH	2352NN	ADVANCE BEACON CONTROL
	EACH	2353NN	REMOVE & REINSTALL COORDINATING UNIT
	CU YD	256729	TRAFFIC SIGNAL POLE BASE
	EACH	2323EC	ILLUMINATED STREET SIGN
	EACH	2323EC	INSTALL SIGNAL PEDESTAL
	EACH	2327EC	INSTALL PEDESTAL POST
	EACH	2198EC	INSTALL ANTENNA
	EACH	2952EC	ADVANCE WARNING FLASHER
	EACH	2960EC	INSTALL -

THE 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND SUBSEQUENT SPECIAL NOTES AND SPECIFICATIONS BILL ARE A PART OF THE CONTRACT. SEE SECTION 105 FOR CONTROL OF WORK AND OTHER DETAILS. SEE SECTION 660 FOR OPTIONAL REINFORCEMENT OPTIONS.

THE CONTRACTOR SHALL MAKE AN INSPECTION OF THE PROJECT SITE PRIOR TO SUBMITTING A BID AND SHALL BE RESPONSIBLE FOR ANY ADDITIONAL MATERIALS OR WORK REQUIRED BY THE PLANS WHICH CONSIDERATION AND INSPECTION 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 ITEMS ARE TO BE PICKED UP DURING REGULAR WORKING HOURS AND AT LEAST 24 HOURS ARRANGE TO PICK UP INSTALL ITEMS A WARNING OF THIS OPERATIONS SHOULD BE GIVEN TO THE DISTRICT TRAFFIC ENGINEER. FAILURE TO COMPLY WITH THESE REQUIREMENTS COULD RESULT IN LONG DELAYS OR REFUSAL TO DISTRIBUTE EQUIPMENT UPON ARRIVAL.

ADD EXCEPTED TO SECTION 105.01 ALL WORK SHALL HAVE WARNING HOODS TO THE DATED AUGUST THAT STATES " PROPERTY OF KENTUCKY TRANSPORTATION CABINET" SEE BAR 0001

MEASUREMENT NOTES THAT ARE IN ADDITION TO SECTION 725

BLANKING SIGN - DEPARTMENT WILL MEASURE FOR PAYMENT BY EACH INDIVIDUAL SIGN BLANKED. THE CONTRACT PRICE PAID FOR EACH SHALL BE FOR ALL SIGNAL CONNECTION TO SIGNAL CONDUCTORS OF SPAN WIRE HANGER HOOKING'S SPACED 30.5M OR APPROVED EQUAL) AND ALL CONSIDER THESE INCIDENTAL TO THIS ITEM OF WORK.

ADVANCE WARNING FLASHER - DEPARTMENT WILL MEASURE THE QUANTITY AS EACH INDIVIDUAL UNIT INSTALLED. THE CONTRACT PRICE PAID FOR EACH SHALL BE FOR ALL MATERIALS FOUND UNDER THIS ITEM INCLUDING MOUNTING BRACKETS, SIGNAL HEADS, CONDUIT FITTINGS AND STRAPS, OR ANY ASSOCIATED SIGN MOUNTING HARDWARE AND WILL CONSIDER THESE INCIDENTAL TO THIS ITEM OF WORK.

INSTALL VIDEO CAMERA - DEPARTMENT WILL MEASURE THE QUANTITY AS EACH INDIVIDUAL UNIT INSTALLED. THE CONTRACT PRICE PAID FOR EACH SHALL BE FOR ALL OF SPECIFIED VIDEO CAMERA, VIDEO MODULES, OR BRACKETS REQUIRED AS SHOWN ON THE PLANS