



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

January 23, 2013

CALL NO. 328
CONTRACT ID NO. 121006
ADDENDUM # 1

Subject: Fayette County, FD39 034 0922 000-001
Letting December 14, 2012

- (1) Revised - Plan Sheet - T1
- (2) Added - Note - Page 14(a) of 104
- (3) Revised - Bid Items - Pages 100-104 of 104

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 "Ryan Griffith".

Ryan Griffith
Director
Division of Construction Procurement

RG:ks
Enclosures



An Equal Opportunity Employer M/F/D

FILE NAME: G:\PWORK\GARY.WALTERS\00497071\ T001005U.DGN

USER: Gary.Walters
DATE PLOTTED: January 23, 2013

E-SHEET NAME:

MicroStation v8.11.7.180

TRAFFIC SIGNAL ESTIMATE OF QUANTITIES

ITEM CODE	ITEM	UNIT	T8	T9	T10	TOTAL
4792	CONDUIT - 1 INCH	LIN FT	35	10	10	55
4795	CONDUIT - 2 INCH	LIN FT	265	140	250	655
4811	ELECTRICAL JUNCTION BOX TYPE B	EACH	5	2	4	11
4820	TRENCHING AND BACKFILLING	LIN FT	130	45	95	270
4821	OPEN CUT ROADWAY	LIN FT	-	-	30	30
4830	LOOP WIRE	LIN FT	2490	885	1880	5255
4845	CABLE - NO. 14/7C	LIN FT	2755	2015	3015	7785
4850	CABLE - NO. 14/1 PAIR	LIN FT	1085	325	1150	2560
4885	MESSANGER - 10800 LB	LIN FT	464	396	490	1350
4895	LOOP SAW SLOT AND FILL	LIN FT	1025	350	755	2130
4932	INSTALL STEEL STRAIN POLE	EACH	4	4	4	12
4950	REMOVE SIGNAL EQUIPMENT	EACH	1	1	1	3
4960	REMOVE AND REPLACE SIDEWALK	SO YD	1	1	1	3
20093NS835	INSTALL PEDESTRIAN HEAD LED	EACH	8	8	8	24
20188NS835	INSTALL SIGNAL - 3 SECTION LED	EACH	7	8	7	22
20266ES835	INSTALL SIGNAL - 4 SECTION LED	EACH	4	-	4	8
21743NN	INSTALL PEDESTRIAN DETECTOR	EACH	8	8	8	24
23157EN	TRAFFIC SIGNAL POLE BASE	CU YD	19.36	16.22	19.63	55.21
23222EC	INSTALL SIGNAL PEDESTAL	EACH	3	2	2	7
24555ED	SIGNAL CONTROLLER	EACH	1	1	1	3
23206EC	INSTALL CONTROLLER CABINET	EACH	1	1	1	3

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 SPIRAL 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.

MEASUREMENT NOTES THAT ARE IN ADDITION TO SECTION 723

SIGNAL CONTROLLER – THE DEPARTMENT WILL MEASURE THE QUANTITY AS EACH INDIVIDUAL UNIT FURNISHED AND INSTALLED. THE DEPARTMENT WILL NOT MEASURE FURNISHING CONTROLLER WITH 2070-1B CPU MODULE, 2070-2A FIELD I/O MODULE, 2070-3B DISPLAY MODULE, 2070-4A POWER SUPPLY MODULE, AND 2070-7A SERIAL DATA MODULE (WITH FACTORY LOADED ECONOLITE OASIS SOFTWARE, NO SUBSTITUES) AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK. PROVIDE RUGGEDSWITCH RS900G ETHERNET SWITCH, OR APPROVED EQUAL. THE DEPARTMENT WILL CONSIDER THE ETHERNET SWITCH INCIDENTAL TO THIS ITEM OF WORK. THE DEPARTMENT WILL ALSO NOT MEASURE ANY WIRE CONNECTIONS TO THE CONTROLLER AND WILL CONSIDER THESE INCIDENTAL TO THIS ITEM OF WORK. CONTROLLER MUST MEET STANDARDS FOR 2070L ATC TS2 STANDARDS AND CALTRANS 2002 TEES (ERRATA 2) SPECIFICATIONS AND JOINT AASHTO/ITE/NEMA ATC STANDARDS.

REMOVE AND REPLACE SIDEWALK SHALL INCLUDE SAWING AND CHIPPING SIDEWALK TO CONFORM WITH THE REQUIREMENTS OF SECTION 203 AND 505 OF THE STANDARD SPECIFICATIONS, CURRENT EDITION. INSTALL CONDUIT AND RESTORE DISTURBED AREAS IN ACCORDANCE WITH THE SPECIFICATIONS. THE DEPARTMENT WILL NOT MEASURE FURNISHING AND INSTALLING CONCRETE, REBAR, AND ASPHALT WHERE APPLICABLE AND WILL CONSIDER THESE INCIDENTAL TO THIS ITEM OF WORK.

REFER TO SECTION 723.04.20 IN THE CURRENT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION REGARDING MEASUREMENT FOR BID ITEM 23206EC INSTALL CONTROLLER CABINET.

CONSTRUCTION AND MEASUREMENT NOTES THAT ARE CONTRARY TO SECTION 723

SUBSECTION: 03.02 POLES AND BASES INSTALLATION.
PART: A) STEEL STRAIN AND MASTARM POLES INSTALLATION.
REVISION: REPLACE THE SECOND PARAGRAPH WITH THE FOLLOWING:

FOR CONCRETE BASE INSTALLATION, SEE SECTION 716.03.02, B), 2), PARAGRAPHS 3-8. DRILLED SHAFT DEPTH SHALL BE BASED ON THE SOIL CONDITIONS ENCOUNTERED DURING DRILLING AND SLOP CONDITION AT THE SITE. REFER TO THE DESIGN CHART BELOW.

SUBSECTION: 04.10 SIGNAL PEDESTAL.
REVISION: INCLUDE REINFORCING STEEL TO LIST OF ITEMS THAT THE DEPARTMENT WILL NOT MEASURE.

SUBSECTION: 04.15 LOOP SAW SLOT AND FILL.
REVISION: REPLACE THE SECOND SENTENCE WITH THE FOLLOWING:

THE DEPARTMENT WILL NOT MEASURE SAWING, CLEANING AND FILLING INDUCTION LOOP SAW SLOT, LOOP SEALANT, BACKER ROD, AND GROUT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.

SUBSECTION: 04.16 PEDESTRIAN DETECTOR.
REVISION: REPLACE THE SECOND SENTENCE WITH THE FOLLOWING:

THE DEPARTMENT WILL NOT MEASURE INSTALLING RIO-3E (WITH ARROW) AND WILL CONSIDER IT INCIDENTAL TO THIS ITEM OF WORK.

SUBSECTION: 04.22 REMOVE SIGNAL EQUIPMENT.
REVISION: REPLACE ENTIRE NOTE WITH THE FOLLOWING:

THE DEPARTMENT WILL MEASURE THE QUANTITY AS THE REMOVAL OF SIGNAL EQUIPMENT NOT TO BE REUSED. THE CONTRACTOR SHALL DISPOSE OF MATERIALS REMOVED FROM THE PROJECT IN ACCORDANCE WITH CABINET POLICY. THE CONTRACTOR SHALL TAKE ALL STEEL AND ALUMINUM POLES TO THE EQUIPMENT WAREHOUSE IN FRANKFORT, KENTUCKY. UNLESS OTHERWISE DIRECTED BY THE DISTRICT TRAFFIC ENGINEER, ALL OTHER MATERIALS (WITH EXCEPTION OF PLASTIC ITEMS AND WOOD POLES) SHALL BE TAKEN TO LOCATIONS IDENTIFIED BY THE DISTRICT TRAFFIC ENGINEER. THE CONTRACTOR SHALL CONTACT THE DIVISION OF EQUIPMENT (502-564-3916) TO SCHEDULE A TIME TO DELIVER STEEL AND ALUMINUM POLES TO THE EQUIPMENT WAREHOUSE. THE DEPARTMENT WILL NOT MEASURE THE DISPOSAL OR TRANSPORTATION OF THE MATERIALS AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.

SUBSECTION: 04.30 BORE AND JACK CONDUIT.
REVISION: ADD THE FOLLOWING BETWEEN THE FIRST AND SECOND SENTENCES:

THIS ITEM SHALL INCLUDE BORING A HOLE FOR INSTALLING CONDUIT UNDER THE EXISTING ROADWAY IN ACCORDANCE WITH THE CONSTRUCTION METHOD DESCRIBED IN SECTION 706.03.02, PARAGRAPHS 1, 2, AND 4.

SUBSECTION: 04.31 INSTALL PEDESTRIAN DETECTOR.
REVISION: REPLACE THE SECOND SENTENCE WITH THE FOLLOWING:

THE DEPARTMENT WILL NOT MEASURE INSTALLING RIO-3E (WITH ARROW) AND WILL CONSIDER IT INCIDENTAL TO THIS ITEM OF WORK.

SUBSECTION: 04.33 PEDESTAL POST.
REVISION: INCLUDE REINFORCING STEEL TO LIST OF ITEMS THAT THE DEPARTMENT WILL NOT MEASURE.

SUBSECTION: 04.37 INSTALL SIGNAL PEDESTAL.
REVISION: INCLUDE REINFORCING STEEL AND RESTORING DISTURBED AREAS TO LIST OF ITEMS THAT THE DEPARTMENT WILL NOT MEASURE.

DESIGNED BY: URS CORPORATION		
DATE SUBMITTED: 11-06-12		
<div>Commonwealth of Kentucky</div> <div>DEPARTMENT OF HIGHWAYS</div> <div>COUNTY OF</div> <div>FAYETTE</div>		
PROJECT FD39 034 0922 00-001		
NUMBERS:		
TRAFFIC SIGNAL ESTIMATE OF QUANTITIES MEASUREMENT, CONST, AND MISC NOTES		

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DESIGNED BY: URS CORPORATION

DATE SUBMITTED: 11-06-12

Commonwealth of Kentucky

DEPARTMENT OF HIGHWAYS

COUNTY OF

FAYETTE

PROJECT

FD39 034 0922 00-001

NUMBERS:

TRAFFIC SIGNAL

ESTIMATE OF QUANTITIES

MEASUREMENT, CONST, AND MISC NOTES

DIVISION OF TRAFFIC OPERATIONS

RECOMMENDATION FOR PICKUP OF ITEMS TO BE INSTALLED
ON TRAFFIC SIGNALS/LIGHTING

Item Number: 07-375.00

County: Fayette

Description: KY 922 Widening and Traffic Signal Replacement

Cabinets	Master code	Description of Item
3	T-01-0020	Base Mounted 332 Cabinet
13	T-01-0600	Loop Detector, Model 222
16	T-01-0700	Load Switches

Signals		
22	T-02-0009	Siemens 3 Section Signal
8	T-02-0033	Siemen 4 secton 12" signal (poly)
24	T-02-0090	Pedestrian signal housing
4	T-02-0300	LED Module 12" red arrow
8	T-02-0310	LED Module 12" yellow arrow
4	T-02-0320	LED Module 12" green arrow
26	T-02-0330	LED Module 12" red ball
26	T-02-0340	LED Module 12" yellow ball
26	T-02-0350	LED Module 12" green ball
24	T-02-0365	LED Countdown Pedestrian Module

Special items		
3	T-09-0415	30 X 36 through 36 X 36 sign hanger (New)
7	T-02-0660	Pedstl.top mntg.bkt Two-way
7	T-02-0661	Post Top for Pedestal (each)
7	T-02-0670	Pedestal
24	T-06-0705	Ped Detector Flat Mount FSA Box
24	T-06-0730	Ped Button w/o Plunger
24	T-17-0015	9 X 15 Countdown Ped Sign DBL Sided

Poles		
2	T-04-0010	Steel Strain Pole 28 foot
6	T-04-0020	Steel Strain Pole 30 foot
3	T-04-0030	Steel Strain Pole 32 foot
1	T-04-0040	Steel Strain Pole 34 foot

Electrical Contractor Name

Electrical Contractor Supervisor

Project Engineer

Project Engineer attests that the mentioned contractor is the actual electrical contractor on this project

Signature of Project Engineer or Designee

Contact number for Supervisor

Contact number for Project Engineer

PROPOSAL BID ITEMS

Report Date 1/23/13

Section: 0001 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0010	00001		DGA BASE	4,232.00	TON		\$	
0020	00071		CRUSHED AGGREGATE SIZE NO 57	8.00	TON		\$	
0030	00190		LEVELING & WEDGING PG64-22	657.00	TON		\$	
0040	00212		CL2 ASPH BASE 1.00D PG64-22	342.00	TON		\$	
0050	00214		CL3 ASPH BASE 1.00D PG64-22	2,049.00	TON		\$	
0060	00301		CL2 ASPH SURF 0.38D PG64-22	152.00	TON		\$	
0070	00520		STORM SEWER PIPE-12 IN	3.00	LF		\$	
0080	00521		STORM SEWER PIPE-15 IN	127.00	LF		\$	
0090	00522		STORM SEWER PIPE-18 IN	853.00	LF		\$	
0100	00524		STORM SEWER PIPE-24 IN	18.00	LF		\$	
0110	00526		STORM SEWER PIPE-30 IN	211.00	LF		\$	
0120	00528		STORM SEWER PIPE-36 IN	900.00	LF		\$	
0130	01433		SLOPED BOX OUTLET TYPE 1-18 IN	1.00	EACH		\$	
0140	01456		CURB BOX INLET TYPE A	13.00	EACH		\$	
0150	01544		DROP BOX INLET TYPE 11	2.00	EACH		\$	
0160	01559		DROP BOX INLET TYPE 13G	1.00	EACH		\$	
0170	01580		DROP BOX INLET TYPE 15	3.00	EACH		\$	
0180	01650		JUNCTION BOX	6.00	EACH		\$	
0190	01655		REMOVE JUNCTION BOX	1.00	EACH		\$	
0200	01718		REMOVE INLET	15.00	EACH		\$	
0210	01767		MANHOLE TYPE C	1.00	EACH		\$	
0220	01791		ADJUST MANHOLE FRAME TO GRADE	15.00	EACH		\$	
0230	01810		STANDARD CURB AND GUTTER	4,236.00	LF		\$	
0240	01812		REMOVE CURB AND GUTTER	5,491.00	LF		\$	
0250	01820		LIP CURB AND GUTTER	66.00	LF		\$	
0260	01825		ISLAND CURB AND GUTTER	166.00	LF		\$	
0270	01875		STANDARD HEADER CURB	75.00	LF		\$	
0280	02006		REMOVE CONCRETE MEDIAN	1,093.00	LF		\$	
0290	02014		BARRICADE-TYPE III	2.00	EACH		\$	
0300	02016		REMOVE CONCRETE ISLAND	42.00	SQYD		\$	
0310	02091		REMOVE PAVEMENT	320.00	SQYD		\$	
0320	02101		CEM CONC ENT PAVEMENT-8 IN	323.00	SQYD		\$	
0330	02200		ROADWAY EXCAVATION	4,778.00	CUYD		\$	
0340	02203		STRUCTURE EXCAV-UNCLASSIFIED	303.00	CUYD		\$	
0350	02242		WATER	50.00	MGAL		\$	
0360	02267		REMOVE & RESET FENCE	522.50	LF		\$	
0370	02429		RIGHT-OF-WAY MONUMENT TYPE 1	24.00	EACH		\$	
0380	02545		CLEARING AND GRUBBING1.8 ACRES	1.00	LS		\$	
0390	02555		CONCRETE-CLASS B	209.00	CUYD		\$	
0400	02562		SIGNS	766.00	SQFT		\$	
0410	02585		EDGE KEY	571.00	LF		\$	
0420	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	3,955.00	SQYD	\$2.00	\$	\$7,910.00
0430	02625		REMOVE HEADWALL	2.00	EACH		\$	
0440	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0450	02653		LANE CLOSURE	7.00	EACH		\$	
0460	02671		PORTABLE CHANGEABLE MESSAGE SIGN	5.00	EACH		\$	
0470	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0480	02677		ASPHALT PAVE MILLING & TEXTURING	1,216.00	TON		\$	

131006

PROPOSAL BID ITEMS

Page 2 of 5

Report Date 1/23/13

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0490	02690		SAFELOADING	9.00	CUYD		\$	
0500	02701		TEMP SILT FENCE	2,353.00	LF		\$	
0510	02705		SILT TRAP TYPE C	13.00	EACH		\$	
0520	02708		CLEAN SILT TRAP TYPE C	13.00	EACH		\$	
0530	02709		CLEAN TEMP SILT FENCE	2,353.00	LF		\$	
0540	02720		SIDEWALK-4 IN CONCRETE	1,326.00	SQYD		\$	
0550	02721		REMOVE CONCRETE SIDEWALK	1,877.00	SQYD		\$	
0560	02726		STAKING	1.00	LS		\$	
0570	05950		EROSION CONTROL BLANKET	213.00	SQYD		\$	
0580	05952		TEMP MULCH	2,515.00	SQYD		\$	
0590	05953		TEMP SEEDING AND PROTECTION	2,515.00	SQYD		\$	
0600	05966		TOPDRESSING FERTILIZER	5.20	TON		\$	
0610	05985		SEEDING AND PROTECTION	5,031.00	SQYD		\$	
0620	05990		SODDING	3,138.00	SQYD		\$	
0630	05997		TOPSOIL FURNISHED AND PLACED	178.00	CUYD		\$	
0640	06514		PAVE STRIPING-PERM PAINT-4 IN	18,642.00	LF		\$	
0650	06563		PAVE MARKING-R/R XBUCKS 16 IN	43.00	LF		\$	
0660	06568		PAVE MARKING-THERMO STOP BAR-24IN	481.00	LF		\$	
0670	06570		PAVE MARKING-PAINT CROSS-HATCH	1,544.00	SQFT		\$	
0680	06574		PAVE MARKING-THERMO CURV ARROW	54.00	EACH		\$	
0690	06575		PAVE MARKING-THERMO COMB ARROW	4.00	EACH		\$	
0700	06589		PAVEMENT MARKER TYPE V-MW	96.00	EACH		\$	
0710	06591		PAVEMENT MARKER TYPE V-BY	53.00	EACH		\$	
0720	21289ED		LONGITUDINAL EDGE KEY	3,651.00	LF		\$	
0730	21342ED		FORM LINER	2,500.00	SQFT		\$	
0740	21694EN		EARTH REFILL	158.00	CUYD		\$	
0750	22520EN		PAVE MARKING-THERMO YIELD BAR-36 IN	11.00	LF		\$	
0760	22906ES403		CL3 ASPH SURF 0.38A PG64-22	1,953.00	TON		\$	
0770	23131ER701		PIPELINE VIDEO INSPECTION	1,056.00	LF		\$	
0780	23158ES505		DETECTABLE WARNINGS	696.00	SQFT		\$	
0790	23261EC		PAVE MARK-THERMO-X-WALK-24 IN	1,570.00	LF		\$	
0800	23610NC		CORED HOLE DRAINAGE BOX CON	1.00	EACH		\$	
0810	23791EC		PAVE STRIPING-CHEVRON MARKINGS	426.00	SQFT		\$	
0820	23952EC		DRAINAGE JUNCTION BOX TY B	1.00	EACH		\$	

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Section: 0002 - BRIDGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0830	02231		STRUCTURE GRANULAR BACKFILL	40.00	CUYD		\$	
0840	02998		MASONRY COATING	16.00	SQYD		\$	
0850	08020		CRUSHED AGGREGATE SLOPE PROT	55.00	TON		\$	
0860	08033		TEST PILES	30.00	LF		\$	
0870	08046		PILES-STEEL HP12X53	48.00	LF		\$	
0880	08094		PILE POINTS-12 IN	6.00	EACH		\$	
0890	08100		CONCRETE-CLASS A	10.00	CUYD		\$	
0900	08104		CONCRETE-CLASS AA	3.20	CUYD		\$	
0910	08150		STEEL REINFORCEMENT	976.00	LB		\$	
0920	08151		STEEL REINFORCEMENT-EPOXY COATED	452.00	LB		\$	
0930	24567ED		TRUSS BRIDGE SUPERSTRUCTURE	1.00	LS		\$	

Section: 0003 - SEWER

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0940	01799		SANITARY SEWER MANHOLE5 FT DIA. W/ FRAME AND LID 0-10 FT LINE E	1.00	EACH		\$	
0950	01799		SANITARY SEWER MANHOLE5 FT DIA. W/ FRAME AND LID 0-10 FT LINE D	1.00	EACH		\$	
0960	01799		SANITARY SEWER MANHOLE5 FT DIA. W/ FRAME AND LID 0-10 FT LINE C	2.00	EACH		\$	
0970	01799		SANITARY SEWER MANHOLE5 FT DIA. DROP W/FRAME AND LID 0-10 FT LINE B	2.00	EACH		\$	
0980	01799		SANITARY SEWER MANHOLE5 FT DIA. W/ FRAME AND LIN 0-10 FT LINE B	2.00	EACH		\$	
0990	02220		FLOWABLE FILL	750.00	CUYD		\$	
1000	02259		FENCE-TEMP	650.00	LF		\$	
1010	02701		TEMP SILT FENCE	280.00	LF		\$	
1020	21251ED		RAISE MANHOLE TO GRADE	26.00	VTFT		\$	
1030	22138NN		RECONNECTION LATERAL	3.00	EACH		\$	
1040	23529EC		GRAVITY SEWER-8 IN-INSTALLSDR 35 LINE E	90.00	LF		\$	
1050	23529EC		GRAVITY SEWER-8 IN-INSTALLSDR 35 LINE D	411.00	LF		\$	
1060	23551EC		TEMPORARY SEWERLINE DIVERSIONLINE E	1.00	LS		\$	
1070	23551EC		TEMPORARY SEWERLINE DIVERSIONLINE D	1.00	LS		\$	
1080	23551EC		TEMPORARY SEWERLINE DIVERSIONLINE C	1.00	LS		\$	
1090	23551EC		TEMPORARY SEWERLINE DIVERSIONLINE B	1.00	LS		\$	
1100	23796EC		DUCTILE IRON PIPE-TRUNK SEWER18 IN 10FT-20FT LINE C	214.00	LF		\$	
1110	23796EC		DUCTILE IRON PIPE-TRUNK SEWER18 IN 10FT-20FT LINE A	23.00	LF		\$	
1120	23796EC		DUCTILE IRON PIPE-TRUNK SEWER	302.00	LF		\$	
1130	40027		ROCK EXCAVATION	330.00	CUYD		\$	

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Section: 0004 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1140	06406		SBM ALUM SHEET SIGNS .080 IN	159.00	SQFT		\$	
1150	06407		SBM ALUM SHEET SIGNS .125 IN	19.00	SQFT		\$	
1160	06411		STEEL POST TYPE 2	350.00	LF		\$	

Section: 0005 - SIGNALIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1170	04792		CONDUIT-1 IN	55.00	LF		\$	
1180	04795		CONDUIT-2 IN	655.00	LF		\$	
1190	04811		ELECTRICAL JUNCTION BOX TYPE B	11.00	EACH		\$	
1200	04820		TRENCHING AND BACKFILLING	270.00	LF		\$	
1210	04821		OPEN CUT ROADWAY	30.00	LF		\$	
1220	04830		LOOP WIRE	5,255.00	LF		\$	
1230	04845		CABLE-NO. 14/7C	7,785.00	LF		\$	
1240	04850		CABLE-NO. 14/1 PAIR	2,560.00	LF		\$	
1250	04885		MESSENGER-10800 LB	1,350.00	LF		\$	
1260	04895		LOOP SAW SLOT AND FILL	2,130.00	LF		\$	
1270	04932		INSTALL STEEL STRAIN POLE	12.00	EACH		\$	
1280	04950		REMOVE SIGNAL EQUIPMENT	3.00	EACH		\$	
1290	04960		REMOVE AND REPLACE SIDEWALK	3.00	SQYD		\$	
1300	20093NS835		INSTALL PEDESTRIAN HEAD-LED	24.00	EACH		\$	
1310	20188NS835		INSTALL LED SIGNAL-3 SECTION	22.00	EACH		\$	
1320	20266ES835		INSTALL LED SIGNAL- 4 SECTION	8.00	EACH		\$	
1330	21743NN		INSTALL PEDESTRIAN DETECTOR	24.00	EACH		\$	
1340	23157EN		TRAFFIC SIGNAL POLE BASE	55.21	CUYD		\$	
1341	23206EC		INSTALL CONTROLLER CABINET(ADDED: 1-23-13)	3.00	EACH		\$	
1350	23222EC		INSTALL SIGNAL PEDESTAL	7.00	EACH		\$	
1360	24555ED		SIGNAL CONTROLLER	3.00	EACH		\$	

Section: 0006 - LIGHTING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1370	04740		POLE BASE	9.00	EACH		\$	
1380	04792		CONDUIT-1 IN	1,370.00	LF		\$	
1390	04795		CONDUIT-2 IN	910.00	LF		\$	
1400	04820		TRENCHING AND BACKFILLING	2,205.00	LF		\$	
1410	04940		REMOVE LIGHTING	1.00	LS		\$	
1420	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	1.00	EACH		\$	

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Section: 0007 - MOB AND DEMOB

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1430	02568		MOBILIZATION	1.00	LS		\$	
1440	02569		DEMOBILIZATION	1.00	LS		\$	