



**COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET**

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

Matthew G. Bevin
Governor

Greg Thomas
Secretary

November 30, 2017

CALL NO. 307
CONTRACT ID NO. 172301
ADDENDUM # 1

Subject: Barren County, FD05 005 031E 012-016
Letting December 8, 2017

- (1) Revised - Estimate of Quantities - Page 24 of 85
- (2) Revised - Drawings - Pages 60-63 of 85
- (3) Revised - Bid Items - Page 85 of 85

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:mw
Enclosures



An Equal Opportunity Employer M/F/D

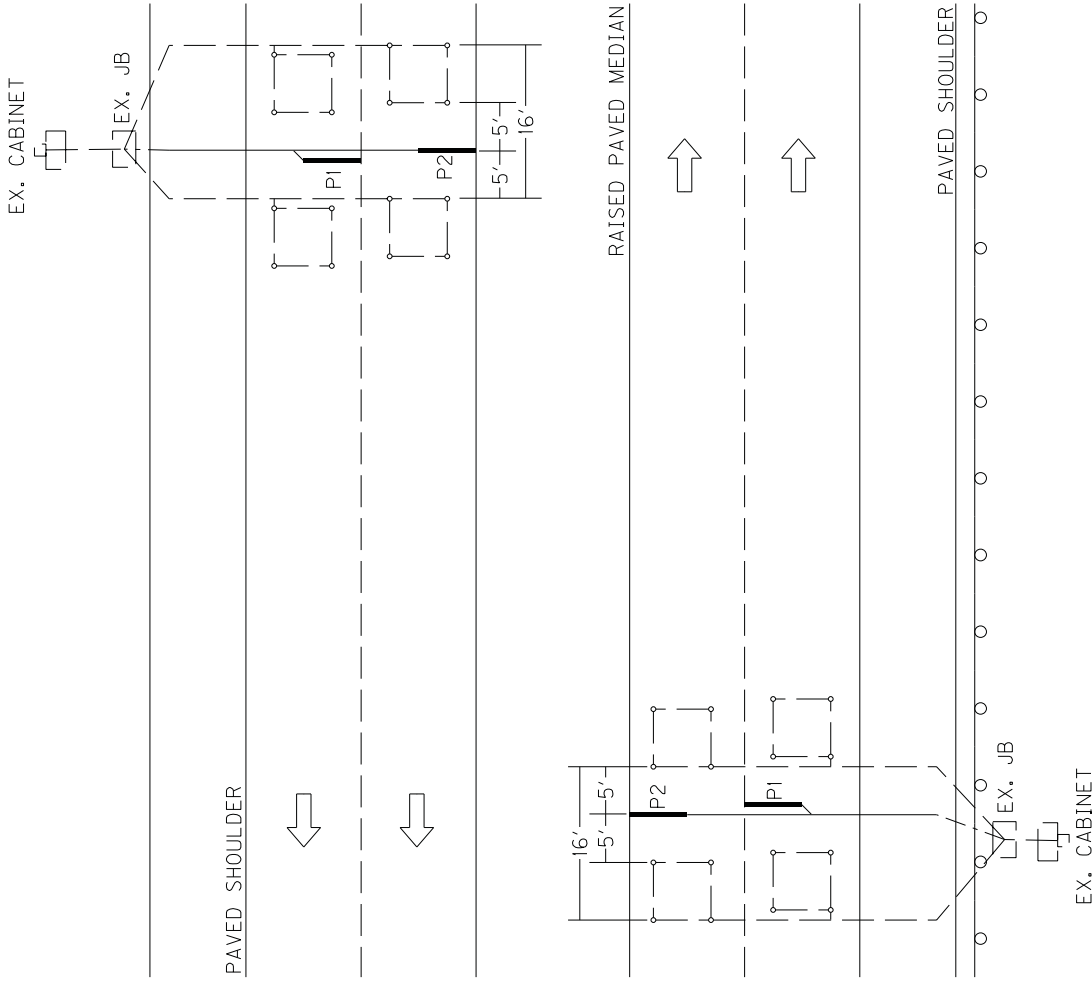
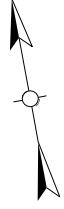
Permanent Traffic Data Acquisition Station
 Estimate Of Quantities

Revised April, 2017

**PERMANENT TRAFFIC DATA ACQUISITION STATIONS
 ESTIMATE OF QUANTITIES**

| Bid Item Code | Description | Unit | Quantity |
|---------------|--------------------------------|--------|----------|
| 2562 | TEMPORARY SIGNS | SQ FT | |
| 2650 | MAINTAIN AND CONTROL TRAFFIC | LP SUM | |
| 2775 | ARROW PANEL | EACH | |
| 4791 | CONDUIT ¾ INCH | LIN FT | |
| 4793 | CONDUIT 1 ¼ INCH | LIN FT | 50 |
| 4795 | CONDUIT 2 INCH | LIN FT | |
| 4811 | ELECTRICAL JUNCTION BOX TYPE B | EACH | |
| 4820 | TRENCHING AND BACKFILLING | LIN FT | 50 |
| 4821 | OPEN CUT ROADWAY | LIN FT | |
| 4829 | PIEZOELECTRIC SENSOR | EACH | 16 |
| 4830 | LOOP WIRE | LIN FT | |
| 4850 | CABLE NO. 14/1 PAIR | LIN FT | |
| 4871 | POLE – 35’ WOODEN | EACH | |
| 4895 | LOOP SAW SLOT AND FILL | LIN FT | 202 |
| 4899 | ELECTRICAL SERVICE | EACH | |
| 20213EC | INSTALL PAD MOUNT ENCLOSURE | EACH | |
| 20359NN | GALVANIZED STEEL CABINET | EACH | |
| 20360ES818 | WOOD POST | EACH | |
| 20391NS835 | ELECTRICAL JUNCTION BOX TYPE A | EACH | |
| 20392NS835 | ELECTRICAL JUNCTION BOX TYPE C | EACH | |
| 20468EC | ELECTRICAL JUNCTION BOX 10x8x4 | EACH | |
| 21543EN | BORE AND JACK CONDUIT | LIN FT | |
| 23206EC | INSTALL CONTROLLER CABINET | EACH | |

BARREN CO. US 31E ~m.p. 12.72
 ~LAT/LONG N 36.980837, W 85.932063
 STATION A38



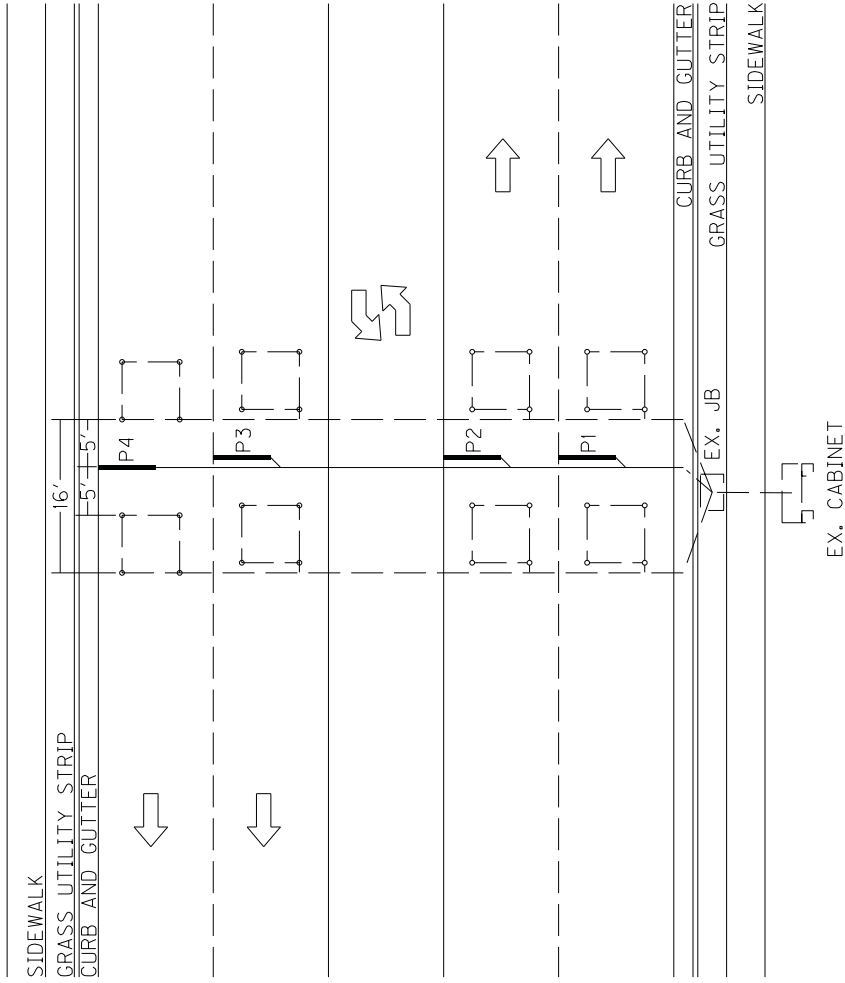
SITE LOCATION IS APPROXIMATE AND WILL BE DETERMINED IN THE FIELD AND APPROVED BY DIVISION OF PLANNING PERSONNEL PRIOR TO ANY CONSTRUCTION.

PRIOR TO PAVING, CONTRACTOR SHALL MARK ALL LOOPS SUCH THAT THEY CAN BE LOCATED AFTER PAVING IS COMPLETE IN ORDER TO PROPERLY INSTALL PIEZOELECTRIC (PIEZO) SENSORS.

PIEZOS SHALL BE INSTALLED 5' FROM THE EDGE OF LOOPS WITH THE EDGE OF EACH PIEZO FLUSH WITH THE EDGE OF THE CORRESPONDING DRIVING LANE. PIEZOS SHALL BE INSTALLED SPLICE-FREE TO THE CABINET. BETWEEN 2' AND 3' OF WIRE FOR EACH SENSOR SHALL BE COILED AND LABELED INSIDE EACH JUNCTION BOX AND CABINET. DIVISION OF PLANNING PERSONNEL WILL CONNECT THE LOOPS AND PIEZOS INSIDE THE CABINET.

INSTALL ONE (1) 1/4" CONDUIT FROM EACH PIEZO SAW SLOT TO NEAREST JUNCTION BOX.

BARREN CO. US 31E ~m.p. 13.11
~LAT/LONG N 36.986996, W 85.931901
STATION B33



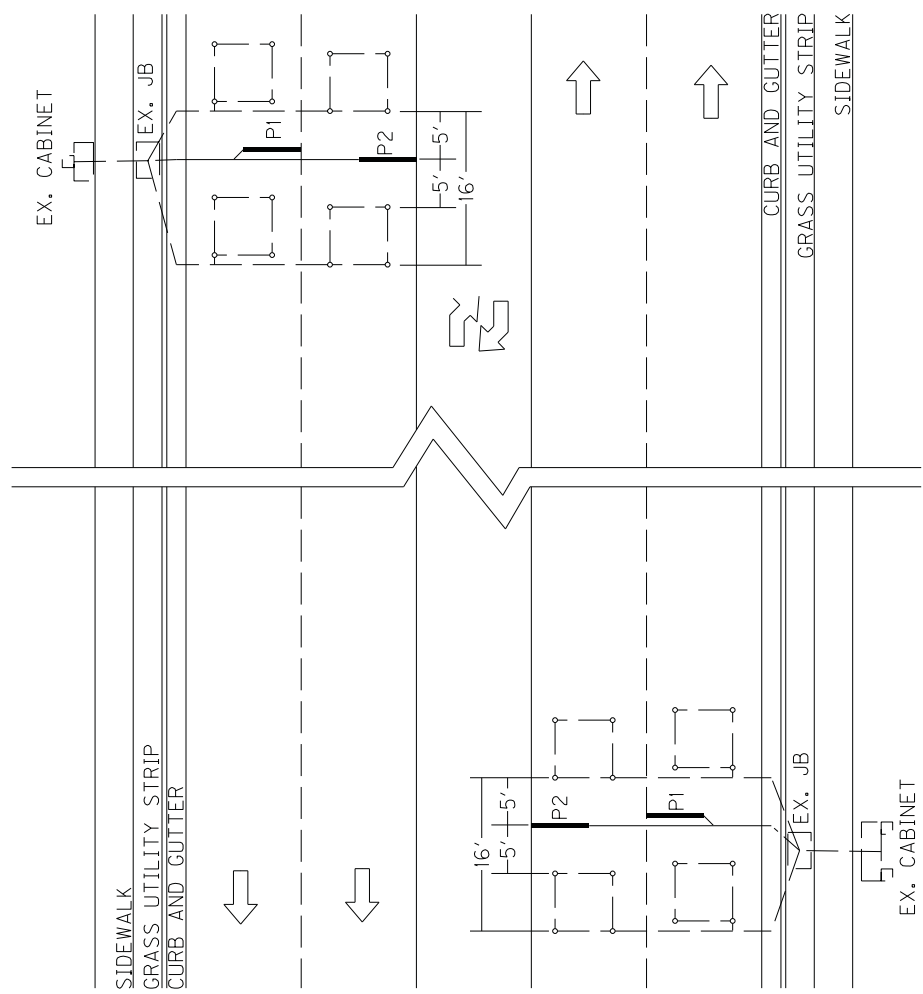
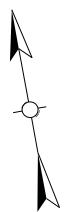
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INSTALL ONE (1) 1/4" CONDUIT FROM EACH PIEZO SAW SLOT TO NEAREST JUNCTION BOX.

BARREN CO. US 31E m.p. ~14.11
NB m.p. 14.02 ~LAT/LONG N 36.998888, W 85.927995
SB m.p. 14.10 ~LAT/LONG N 36.999951, W 85.927486
STATION A79



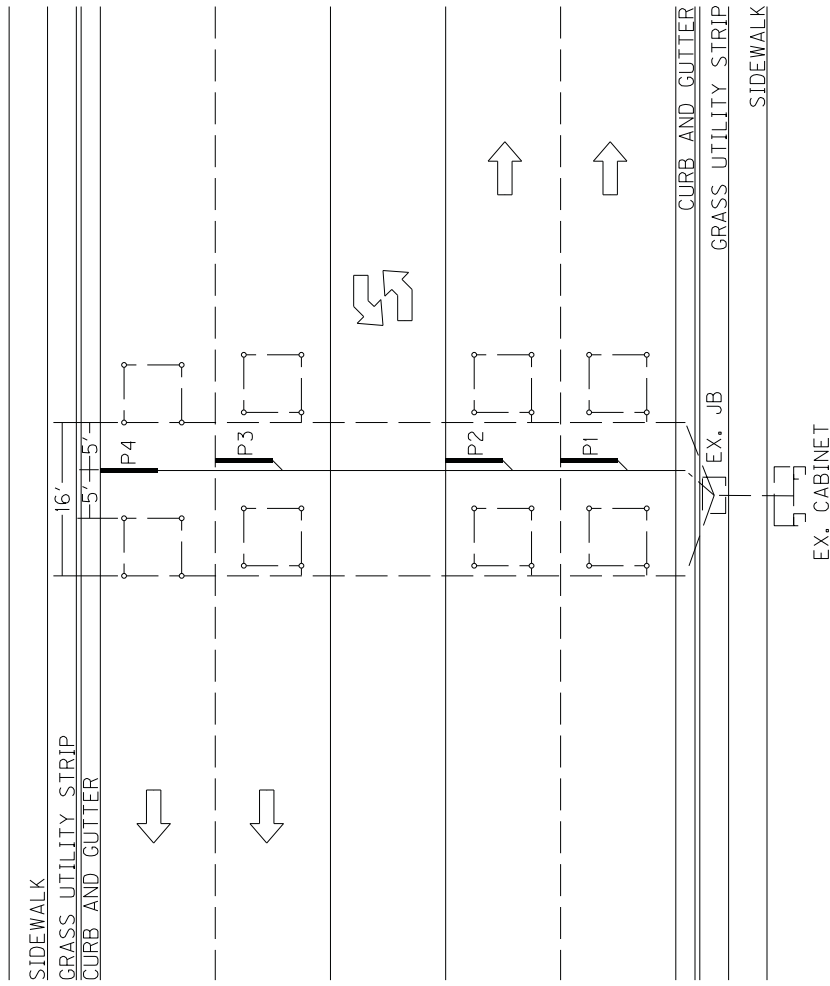
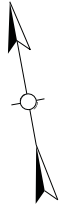
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INSTALL ONE (1) 1/4" CONDUIT FROM EACH PIEZO SAW SLOT TO NEAREST JUNCTION BOX.

BARREN CO. US 31E ~m.p. 14.39
~LAT/LONG N 37.004939, W 85.924932
STATION A31



SITE LOCATION IS APPROXIMATE AND WILL BE DETERMINED IN THE FIELD AND APPROVED BY DIVISION OF PLANNING PERSONNEL PRIOR TO ANY CONSTRUCTION.

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INSTALL ONE (1) 1/4" CONDUIT FROM EACH PIEZO SAW SLOT TO NEAREST JUNCTION BOX.

PROPOSAL BID ITEMS

172301

Page 1 of 1

Report Date 11/30/17

Section: 0001 - PAVING

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|--|------------|------|-----------|----|-------------|
| 0010 | 02562 | | TEMPORARY SIGNS | 570.00 | SQFT | | \$ | |
| 0020 | 02650 | | MAINTAIN & CONTROL TRAFFIC | 1.00 | LS | | \$ | |
| 0030 | 02671 | | PORTABLE CHANGEABLE MESSAGE SIGN | 2.00 | EACH | | \$ | |
| 0040 | 02775 | | ARROW PANEL | 4.00 | EACH | | \$ | |
| 0050 | 04793 | | CONDUIT-1 1/4 IN (PLANNING LOOPS) (REVISED: 11-30-17) | 50.00 | LF | | \$ | |
| 0070 | 04820 | | TRENCHING AND BACKFILLING (PLANNING LOOPS) (REVISED: 11-30-17) | 50.00 | LF | | \$ | |
| 0080 | 04829 | | PIEZOELECTRIC SENSOR (PLANNING LOOPS) | 16.00 | EACH | | \$ | |
| 0100 | 04895 | | LOOP SAW SLOT AND FILL (PLANNING LOOPS) (REVISED: 11-30-17) | 202.00 | LF | | \$ | |
| 0110 | 06510 | | PAVE STRIPING-TEMP PAINT-4 IN | 10,000.00 | LF | | \$ | |
| 0120 | 06514 | | PAVE STRIPING-PERM PAINT-4 IN | 100,000.00 | LF | | \$ | |
| 0130 | 06547 | | PAVE STRIPING-THERMO-12 IN Y | 28.00 | LF | | \$ | |
| 0140 | 06562 | | PAVE MARKING-THERMO R 6 FT | 4.00 | EACH | | \$ | |
| 0150 | 06563 | | PAVE MARKING-R/R XBUCKS 16 IN | 40.00 | LF | | \$ | |
| 0160 | 06566 | | PAVE MARKING-THERMO X-WALK-12 IN | 6,082.00 | LF | | \$ | |
| 0170 | 06568 | | PAVE MARKING-THERMO STOP BAR-24IN | 963.00 | LF | | \$ | |
| 0180 | 06574 | | PAVE MARKING-THERMO CURV ARROW | 90.00 | EACH | | \$ | |
| 0190 | 06576 | | PAVE MARKING-THERMO ONLY | 1.00 | EACH | | \$ | |
| 0200 | 06598 | | PAVEMENT MARKING REMOVAL | 7,883.00 | SQFT | | \$ | |
| 0210 | 06600 | | REMOVE PAVEMENT MARKER TYPE V | 1,325.00 | EACH | | \$ | |
| 0220 | 10020NS | | FUEL ADJUSTMENT | 6,266.00 | DOLL | \$1.00 | \$ | \$6,266.00 |
| 0230 | 10030NS | | ASPHALT ADJUSTMENT | 15,737.00 | DOLL | \$1.00 | \$ | \$15,737.00 |
| 0270 | 23607EC | | PAVE MARK THERMO-LANE REDUCTION ARROW | 4.00 | EACH | | \$ | |
| 0280 | 23625EC | | PAVE MARK THERMO-6 IN W CAT TRAXX | 78.00 | LF | | \$ | |
| 0290 | 24887EC | | CL3 ASPH SURF NO.4A PG64-22 | 4,025.00 | TON | | \$ | |

Section: 0002 - DEMOBILIZATON

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|----------------|----------|------|-----------|----|--------|
| 0300 | 02569 | | DEMOBILIZATION | 1.00 | LS | | \$ | |