



Andy Beshear  
GOVERNOR

## TRANSPORTATION CABINET

200 Mero Street  
Frankfort, Kentucky 40601

Rebecca Goodman  
SECRETARY

April 20, 2026

CALL NO. 301  
CONTRACT ID NO. 261510  
ADDENDUM # 1

Subject: Warren County, FD06 114 0884 007-009  
Letting April 23, 2026

- (1) Revised - Proposal Bid Items - Pages 94-98 of 98
- (2) Revised Plan Sheets - R2G, R2H, R2I, R2K, R9, R56, R57, R58, R59, R60, R61, R72a (added)

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

**PROPOSAL BID ITEMS**

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**Section: 0001 - PAVING**

| LINE | BID CODE | ALT | DESCRIPTION                                    | QUANTITY  | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|------------------------------------------------|-----------|------|-----------|----|--------|
| 0010 | 00003    |     | CRUSHED STONE BASE                             | 11,715.00 | TON  |           | \$ |        |
| 0020 | 00100    |     | ASPHALT SEAL AGGREGATE                         | 9.00      | TON  |           | \$ |        |
| 0030 | 00103    |     | ASPHALT SEAL COAT                              | 1.00      | TON  |           | \$ |        |
| 0040 | 00190    |     | LEVELING & WEDGING PG64-22                     | 1,341.00  | TON  |           | \$ |        |
| 0050 | 00214    |     | CL3 ASPH BASE 1.00D PG64-22                    | 17,384.00 | TON  |           | \$ |        |
| 0055 | 00342    |     | CL4 ASPH SURF 0.38A PG76-22<br>(ADDED 4-20-26) | 185.00    | TON  |           | \$ |        |
| 0060 | 00388    |     | CL3 ASPH SURF 0.38B PG64-22                    | 3,114.00  | TON  |           | \$ |        |
| 0070 | 02101    |     | CEM CONC ENT PAVEMENT-8 IN                     | 1,884.00  | SQYD |           | \$ |        |
| 0080 | 20071EC  |     | JOINT ADHESIVE                                 | 28,600.00 | LF   |           | \$ |        |
| 0090 | 24970EC  |     | ASPHALT MATERIAL FOR TACK NON-<br>TRACKING     | 40.17     | TON  |           | \$ |        |

**Section: 0002 - ROADWAY**

| LINE | BID CODE | ALT | DESCRIPTION                                        | QUANTITY  | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|----------------------------------------------------|-----------|------|-----------|----|--------|
| 0100 | 00078    |     | CRUSHED AGGREGATE SIZE NO 2                        | 12,292.00 | TON  |           | \$ |        |
| 0110 | 01810    |     | STANDARD CURB AND GUTTER                           | 16,150.00 | LF   |           | \$ |        |
| 0120 | 01811    |     | STANDARD CURB AND GUTTER MOD                       | 446.00    | LF   |           | \$ |        |
| 0130 | 01820    |     | LIP CURB AND GUTTER                                | 301.00    | LF   |           | \$ |        |
| 0140 | 01830    |     | STANDARD INTEGRAL CURB                             | 138.00    | LF   |           | \$ |        |
| 0150 | 01875    |     | STANDARD HEADER CURB                               | 920.00    | LF   |           | \$ |        |
| 0160 | 01890    |     | ISLAND HEADER CURB TYPE 1                          | 86.00     | LF   |           | \$ |        |
| 0170 | 02003    |     | RELOCATE TEMP CONC BARRIER<br>(REVISED 4-20-26)    | 5,030.00  | LF   |           | \$ |        |
| 0180 | 02084    |     | JPC PAVEMENT-8 IN                                  | 359.00    | SQYD |           | \$ |        |
| 0190 | 02091    |     | REMOVE PAVEMENT                                    | 700.00    | SQYD |           | \$ |        |
| 0200 | 02157    |     | PAVED DITCH TYPE 1                                 | 25.00     | SQYD |           | \$ |        |
| 0210 | 02159    |     | TEMP DITCH                                         | 4,123.00  | LF   |           | \$ |        |
| 0220 | 02160    |     | CLEAN TEMP DITCH                                   | 2,062.00  | LF   |           | \$ |        |
| 0230 | 02165    |     | REMOVE PAVED DITCH                                 | 22.00     | SQYD |           | \$ |        |
| 0240 | 02230    |     | EMBANKMENT IN PLACE                                | 34,092.00 | CUYD |           | \$ |        |
| 0250 | 02242    |     | WATER                                              | 312.00    | MGAL |           | \$ |        |
| 0260 | 02265    |     | REMOVE FENCE                                       | 1,036.00  | LF   |           | \$ |        |
| 0270 | 02275    |     | FENCE-8 FT CHAIN LINK                              | 924.00    | LF   |           | \$ |        |
| 0280 | 02351    |     | GUARDRAIL-STEEL W BEAM-S FACE<br>(REVISED 4-20-26) | 362.50    | LF   |           | \$ |        |
| 0290 | 02367    |     | GUARDRAIL END TREATMENT TYPE 1                     | 2.00      | EACH |           | \$ |        |
| 0300 | 02370    |     | GUARDRAIL END TREATMENT TYPE 2M                    | 3.00      | EACH |           | \$ |        |
| 0310 | 02381    |     | REMOVE GUARDRAIL<br>(REVISED 4-20-26)              | 1,555.00  | LF   |           | \$ |        |
| 0320 | 02429    |     | RIGHT-OF-WAY MONUMENT TYPE 1                       | 65.00     | EACH |           | \$ |        |
| 0330 | 02432    |     | WITNESS POST                                       | 33.00     | EACH |           | \$ |        |
| 0340 | 02483    |     | CHANNEL LINING CLASS II                            | 3,395.00  | TON  |           | \$ |        |
| 0350 | 02484    |     | CHANNEL LINING CLASS III                           | 3,335.00  | TON  |           | \$ |        |

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| LINE | BID CODE | ALT | DESCRIPTION                                           | QUANTITY   | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|-------------------------------------------------------|------------|------|-----------|----|--------|
| 0360 | 02545    |     | CLEARING AND GRUBBING<br>APPROX. 17 ACRES             | 1.00       | LS   |           | \$ |        |
| 0370 | 02562    |     | TEMPORARY SIGNS                                       | 354.00     | SQFT |           | \$ |        |
| 0380 | 02585    |     | EDGE KEY                                              | 20.00      | LF   |           | \$ |        |
| 0390 | 02602    |     | FABRIC-GEOTEXTILE CLASS 1                             | 2,320.00   | SQYD |           | \$ |        |
| 0400 | 02603    |     | FABRIC-GEOTEXTILE CLASS 2                             | 12,850.00  | SQYD |           | \$ |        |
| 0410 | 02650    |     | MAINTAIN & CONTROL TRAFFIC<br>(KY 884)                | 1.00       | LS   |           | \$ |        |
| 0411 | 02650    |     | MAINTAIN & CONTROL TRAFFIC<br>(I-165) (ADDED 4-20-26) | 1.00       | LS   |           | \$ |        |
| 0420 | 02671    |     | PORTABLE CHANGEABLE MESSAGE SIGN<br>(REVISED 4-20-26) | 6.00       | EACH |           | \$ |        |
| 0430 | 02676    |     | MOBILIZATION FOR MILL & TEXT                          | 1.00       | LS   |           | \$ |        |
| 0440 | 02677    |     | ASPHALT PAVE MILLING & TEXTURING<br>(REVISED 4-20-26) | 280.00     | TON  |           | \$ |        |
| 0450 | 02690    |     | SAFELADING                                            | 10.00      | CUYD |           | \$ |        |
| 0460 | 02701    |     | TEMP SILT FENCE                                       | 6,477.00   | LF   |           | \$ |        |
| 0470 | 02703    |     | SILT TRAP TYPE A                                      | 15.00      | EACH |           | \$ |        |
| 0480 | 02704    |     | SILT TRAP TYPE B                                      | 15.00      | EACH |           | \$ |        |
| 0490 | 02705    |     | SILT TRAP TYPE C                                      | 15.00      | EACH |           | \$ |        |
| 0500 | 02706    |     | CLEAN SILT TRAP TYPE A                                | 15.00      | EACH |           | \$ |        |
| 0510 | 02707    |     | CLEAN SILT TRAP TYPE B                                | 15.00      | EACH |           | \$ |        |
| 0520 | 02708    |     | CLEAN SILT TRAP TYPE C                                | 15.00      | EACH |           | \$ |        |
| 0530 | 02720    |     | SIDEWALK-4 IN CONCRETE                                | 7,459.00   | SQYD |           | \$ |        |
| 0540 | 02726    |     | STAKING                                               | 1.00       | LS   |           | \$ |        |
| 0545 | 02731    |     | REMOVE STRUCTURE<br>(ADDED 4-20-26)                   | 1.00       | LS   |           | \$ |        |
| 0550 | 02898    |     | RELOCATE CRASH CUSHION<br>(REVISED 4-20-26)           | 6.00       | EACH |           | \$ |        |
| 0560 | 02900    |     | INSTALL TEMP CRASH CUSHION<br>(REVISED 4-20-26)       | 8.00       | EACH |           | \$ |        |
| 0570 | 03171    |     | CONC BARRIER WALL TYPE 9T<br>(REVISED 4-20-26)        | 2,860.00   | LF   |           | \$ |        |
| 0580 | 05950    |     | EROSION CONTROL BLANKET                               | 6,500.00   | SQYD |           | \$ |        |
| 0590 | 05952    |     | TEMP MULCH                                            | 57,482.00  | SQYD |           | \$ |        |
| 0600 | 05953    |     | TEMP SEEDING AND PROTECTION                           | 42,897.00  | SQYD |           | \$ |        |
| 0610 | 05963    |     | INITIAL FERTILIZER                                    | 1.30       | TON  |           | \$ |        |
| 0620 | 05964    |     | MAINTENANCE FERTILIZER                                | 2.10       | TON  |           | \$ |        |
| 0630 | 05985    |     | SEEDING AND PROTECTION                                | 6,222.00   | SQYD |           | \$ |        |
| 0640 | 05990    |     | SODDING                                               | 27,619.00  | SQYD |           | \$ |        |
| 0650 | 05992    |     | AGRICULTURAL LIMESTONE                                | 25.00      | TON  |           | \$ |        |
| 0660 | 06406    |     | SBM ALUM SHEET SIGNS .080 IN                          | 297.00     | SQFT |           | \$ |        |
| 0670 | 06410    |     | STEEL POST TYPE 1                                     | 400.00     | LF   |           | \$ |        |
| 0680 | 06511    |     | PAVE STRIPING-TEMP PAINT-6 IN<br>(REVISED 4-20-26)    | 122,860.00 | LF   |           | \$ |        |
| 0690 | 06515    |     | PAVE STRIPING-PERM PAINT-6 IN<br>(REVISED 4-20-26)    | 39,989.00  | LF   |           | \$ |        |
| 0700 | 06517    |     | PAVE STRIPING-PERM PAINT-12 IN<br>(REVISED 4-20-26)   | 77.00      | LF   |           | \$ |        |
| 0710 | 06546    |     | PAVE STRIPING-THERMO-12 IN W                          | 603.00     | LF   |           | \$ |        |
| 0720 | 06547    |     | PAVE STRIPING-THERMO-12 IN Y                          | 77.00      | LF   |           | \$ |        |
| 0730 | 06568    |     | PAVE MARKING-THERMO STOP BAR-24IN                     | 62.00      | LF   |           | \$ |        |
| 0740 | 06574    |     | PAVE MARKING-THERMO CURV ARROW                        | 34.00      | EACH |           | \$ |        |

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| LINE | BID CODE   | ALT | DESCRIPTION                                | QUANTITY  | UNIT  | UNIT PRIC | FP | AMOUNT      |
|------|------------|-----|--------------------------------------------|-----------|-------|-----------|----|-------------|
| 0750 | 06575      |     | PAVE MARKING-THERMO COMB ARROW             | 8.00      | EACH  |           | \$ |             |
| 0760 | 06578      |     | PAVE MARKING-THERMO MERGE ARROW            | 1.00      | EACH  |           | \$ |             |
| 0770 | 06610      |     | INLAID PAVEMENT MARKER-MW                  | 18.00     | EACH  |           | \$ |             |
| 0780 | 06612      |     | INLAID PAVEMENT MARKER-BY                  | 379.00    | EACH  |           | \$ |             |
| 0790 | 10020NS    |     | FUEL ADJUSTMENT                            | 21,374.00 | DOLL  | \$1.00    | \$ | \$21,374.00 |
| 0800 | 10030NS    |     | ASPHALT ADJUSTMENT                         | 83,017.00 | DOLL  | \$1.00    | \$ | \$83,017.00 |
| 0810 | 20191ED    |     | OBJECT MARKER TY 3                         | 2.00      | EACH  |           | \$ |             |
| 0815 | 20314ED    |     | MILLED RUMBLE STRIPS<br>(ADDED 4-20-26)    | 1,600.00  | LF    |           | \$ |             |
| 0816 | 20411ED    |     | LAW ENFORCEMENT OFFICER<br>(ADDED 4-20-26) | 300.00    | HOURL |           | \$ |             |
| 0820 | 20629NS719 |     | THRIE BEAM TO W BEAM CONNECTOR             | 2.00      | EACH  |           | \$ |             |
| 0830 | 21289ED    |     | LONGITUDINAL EDGE KEY                      | 7,397.00  | LF    |           | \$ |             |
| 0840 | 21802EN    |     | G/R STEEL W BEAM-S FACE (7 FT POST)        | 2,137.50  | LF    |           | \$ |             |
| 0850 | 22520EN    |     | PAVE MARKING-THERMO YIELD BAR-36 IN        | 56.00     | LF    |           | \$ |             |
| 0860 | 23158ES505 |     | DETECTABLE WARNINGS                        | 428.00    | SQFT  |           | \$ |             |
| 0870 | 24114EC    |     | PAVE MARK-THERMO-YIELD                     | 4.00      | EACH  |           | \$ |             |
| 0880 | 24631EC    |     | BARCODE SIGN INVENTORY                     | 67.00     | EACH  |           | \$ |             |
| 0890 | 24845EC    |     | UTILITY COORDINATION                       | 1.00      | LS    |           | \$ |             |
| 0900 | 25079ED    |     | THRIE BEAM GUARDRAIL TRANSITION TL-2       | 4.00      | EACH  |           | \$ |             |
| 0910 | 26236EC    |     | THRIE BEAM BULLNOSE TERMINAL               | 2.00      | EACH  |           | \$ |             |
| 0920 | 26248EC    |     | ELECTRONIC DELIVERY MGMT SYSTEM -<br>AGG   | 1.00      | LS    |           | \$ |             |

**Section: 0003 - DRAINAGE**

| LINE | BID CODE | ALT | DESCRIPTION                    | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|--------------------------------|----------|------|-----------|----|--------|
| 0930 | 00441    |     | ENTRANCE PIPE-18 IN            | 60.00    | LF   |           | \$ |        |
| 0940 | 00443    |     | ENTRANCE PIPE-24 IN            | 180.00   | LF   |           | \$ |        |
| 0950 | 00461    |     | CULVERT PIPE-15 IN             | 48.00    | LF   |           | \$ |        |
| 0960 | 00520    |     | STORM SEWER PIPE-12 IN         | 4.00     | LF   |           | \$ |        |
| 0970 | 00521    |     | STORM SEWER PIPE-15 IN         | 2,464.00 | LF   |           | \$ |        |
| 0980 | 00522    |     | STORM SEWER PIPE-18 IN         | 5,706.00 | LF   |           | \$ |        |
| 0990 | 00524    |     | STORM SEWER PIPE-24 IN         | 1,474.00 | LF   |           | \$ |        |
| 1000 | 01000    |     | PERFORATED PIPE-4 IN           | 565.00   | LF   |           | \$ |        |
| 1010 | 01010    |     | NON-PERFORATED PIPE-4 IN       | 89.00    | LF   |           | \$ |        |
| 1020 | 01020    |     | PERF PIPE HEADWALL TY 1-4 IN   | 2.00     | EACH |           | \$ |        |
| 1030 | 01202    |     | PIPE CULVERT HEADWALL-15 IN    | 2.00     | EACH |           | \$ |        |
| 1040 | 01204    |     | PIPE CULVERT HEADWALL-18 IN    | 5.00     | EACH |           | \$ |        |
| 1050 | 01208    |     | PIPE CULVERT HEADWALL-24 IN    | 1.00     | EACH |           | \$ |        |
| 1060 | 01432    |     | SLOPED BOX OUTLET TYPE 1-15 IN | 1.00     | EACH |           | \$ |        |
| 1070 | 01451    |     | S & F BOX INLET-OUTLET-24 IN   | 1.00     | EACH |           | \$ |        |
| 1080 | 01456    |     | CURB BOX INLET TYPE A          | 68.00    | EACH |           | \$ |        |
| 1090 | 01496    |     | DROP BOX INLET TYPE 3          | 11.00    | EACH |           | \$ |        |
| 1100 | 01544    |     | DROP BOX INLET TYPE 11         | 1.00     | EACH |           | \$ |        |
| 1110 | 01547    |     | DROP BOX INLET TYPE 12         | 40.00    | LF   |           | \$ |        |
| 1120 | 01559    |     | DROP BOX INLET TYPE 13G        | 7.00     | EACH |           | \$ |        |
| 1130 | 01568    |     | DROP BOX INLET TYPE 13S        | 1.00     | EACH |           | \$ |        |
| 1140 | 01577    |     | DROP BOX INLET TYPE 14         | 15.00    | EACH |           | \$ |        |

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|------|----------|-----|----------------------------------------------|-----------|------|-----------|----|-------------|
| 1150 | 01740    |     | CORED HOLE DRAINAGE BOX CON-4 IN             | 75.00     | EACH |           | \$ |             |
| 1160 | 01756    |     | MANHOLE TYPE A                               | 1.00      | EACH |           | \$ |             |
| 1170 | 02607    |     | FABRIC-GEOTEXTILE CLASS 2 FOR PIPE           | 15,135.00 | SQYD | \$2.00    | \$ | \$30,270.00 |
| 1180 | 08100    |     | CONCRETE-CLASS A                             | 1.99      | CUYD |           | \$ |             |
| 1190 | 21799EN  |     | BORE AND JACK PIPE-24 IN                     | 113.00    | LF   |           | \$ |             |
| 1195 | 24496ED  |     | PRECAST BOX CULVERT 6'X3'<br>(ADDED 4-20-26) | 95.00     | LF   |           | \$ |             |
| 1196 | 24695ED  |     | BOX CULVERT HEADWALL<br>(ADDED 4-20-26)      | 2.00      | EACH |           | \$ |             |
| 1200 | 24814EC  |     | PIPELINE INSPECTION                          | 5,643.00  | LF   |           | \$ |             |

**Section: 0004 - BOX CULVERT**

| LINE | BID CODE | ALT | DESCRIPTION             | QUANTITY  | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|-------------------------|-----------|------|-----------|----|--------|
| 1210 | 02403    |     | REMOVE CONCRETE MASONRY | 18.90     | CUYD |           | \$ |        |
| 1220 | 08003    |     | FOUNDATION PREPARATION  | 1.00      | LS   |           | \$ |        |
| 1230 | 08100    |     | CONCRETE-CLASS A        | 96.90     | CUYD |           | \$ |        |
| 1240 | 08150    |     | STEEL REINFORCEMENT     | 12,928.00 | LB   |           | \$ |        |

**Section: 0005 - BRIDGE**

| LINE | BID CODE | ALT | DESCRIPTION                                 | QUANTITY   | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|---------------------------------------------|------------|------|-----------|----|--------|
| 1250 | 02231    |     | STRUCTURE GRANULAR BACKFILL                 | 242.00     | CUYD |           | \$ |        |
| 1260 | 03299    |     | ARMORED EDGE FOR CONCRETE                   | 76.20      | LF   |           | \$ |        |
| 1270 | 08003    |     | FOUNDATION PREPARATION                      | 1.00       | LS   |           | \$ |        |
| 1280 | 08020    |     | CRUSHED AGGREGATE SLOPE PROT                | 1,217.00   | TON  |           | \$ |        |
| 1290 | 08033    |     | TEST PILES                                  | 108.00     | LF   |           | \$ |        |
| 1300 | 08046    |     | PILES-STEEL HP12X53                         | 956.00     | LF   |           | \$ |        |
| 1310 | 08094    |     | PILE POINTS-12 IN                           | 22.00      | EACH |           | \$ |        |
| 1320 | 08100    |     | CONCRETE-CLASS A                            | 562.10     | CUYD |           | \$ |        |
| 1330 | 08104    |     | CONCRETE-CLASS AA                           | 630.70     | CUYD |           | \$ |        |
| 1340 | 08136    |     | MECHANICAL REINF COUPLER #11                | 36.00      | EACH |           | \$ |        |
| 1350 | 08150    |     | STEEL REINFORCEMENT                         | 68,736.00  | LB   |           | \$ |        |
| 1360 | 08151    |     | STEEL REINFORCEMENT-EPOXY COATED            | 139,496.00 | LB   |           | \$ |        |
| 1370 | 08670    |     | PRECAST PC BOX BEAM SB27                    | 1,592.50   | LF   |           | \$ |        |
| 1380 | 08709    |     | BRIDGE CHAIN LINK FENCE-7 FT                | 456.00     | LF   |           | \$ |        |
| 1390 | 20743ED  |     | DRILLED SHAFT 54 IN-SOLID ROCK              | 135.00     | LF   |           | \$ |        |
| 1400 | 20744ED  |     | DRILLED SHAFT 60 IN-COMMON                  | 459.00     | LF   |           | \$ |        |
| 1410 | 20745ED  |     | ROCK SOUNDINGS                              | 488.30     | LF   |           | \$ |        |
| 1420 | 20746ED  |     | ROCK CORINGS                                | 354.00     | LF   |           | \$ |        |
| 1430 | 23378EC  |     | CONCRETE SEALING                            | 30,303.00  | SQFT |           | \$ |        |
| 1440 | 23813EC  |     | DECK DRAIN                                  | 8.00       | EACH |           | \$ |        |
| 1450 | 26233EC  |     | MOBILIZATION FOR CONCRETE SURF<br>TREATMENT | 1.00       | LS   |           | \$ |        |

**Section: 0006 - LIGHTING**

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| LINE | BID CODE   | ALT | DESCRIPTION                      | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|------------|-----|----------------------------------|----------|------|-----------|----|--------|
| 1460 | 04700      |     | POLE 30 FT MTG HT                | 10.00    | EACH |           | \$ |        |
| 1470 | 04720      |     | BRACKET 4 FT                     | 2.00     | EACH |           | \$ |        |
| 1480 | 04723      |     | BRACKET 10 FT                    | 7.00     | EACH |           | \$ |        |
| 1490 | 04725      |     | BRACKET 15 FT                    | 1.00     | EACH |           | \$ |        |
| 1500 | 04740      |     | POLE BASE                        | 10.00    | EACH |           | \$ |        |
| 1510 | 04750      |     | TRANSFORMER BASE                 | 10.00    | EACH |           | \$ |        |
| 1520 | 04761      |     | LIGHTING CONTROL EQUIPMENT       | 1.00     | EACH |           | \$ |        |
| 1530 | 04780      |     | FUSED CONNECTOR KIT              | 20.00    | EACH |           | \$ |        |
| 1540 | 04795      |     | CONDUIT-2 IN                     | 250.00   | LF   |           | \$ |        |
| 1550 | 04820      |     | TRENCHING AND BACKFILLING        | 1,267.00 | LF   |           | \$ |        |
| 1560 | 04832      |     | WIRE-NO. 12                      | 1,209.00 | LF   |           | \$ |        |
| 1570 | 20391NS835 |     | ELECTRICAL JUNCTION BOX TYPE A   | 8.00     | EACH |           | \$ |        |
| 1580 | 21543EN    |     | BORE AND JACK CONDUIT            | 250.00   | LF   |           | \$ |        |
| 1590 | 23778EC    |     | WIRE-NO. 10                      | 5,169.00 | LF   |           | \$ |        |
| 1600 | 24589ED    |     | LED LUMINAIRE                    | 10.00    | EACH |           | \$ |        |
| 1610 | 24900EC    |     | PVC CONDUIT-1 1/4 IN-SCHEDULE 80 | 1,267.00 | LF   |           | \$ |        |

**Section: 0007 - DEMOBILIZATION AND/OR MOBILIZATION**

| LINE | BID CODE | ALT | DESCRIPTION    | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|----------------|----------|------|-----------|----|--------|
| 1620 | 02568    |     | MOBILIZATION   | 1.00     | LS   |           | \$ |        |
| 1630 | 02569    |     | DEMOBILIZATION | 1.00     | LS   |           | \$ |        |

## GENERAL SUMMARY

| ITEM       | DESCRIPTION                          | UNIT | KY 884  | APP. STA. 346+99.49 RT. | SPRINGFIELD BLVD | APP. STA. 366+53.94 RT. | APP. STA. 372+51.39 RT. | APP. STA. 382+05.00 LT. | APP. STA. 382+05.00 RT. | APP. STA. 387+17.45 LT. | APP. STA. 389+00.66 RT. | I-165 | ENTRANCES |
|------------|--------------------------------------|------|---------|-------------------------|------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------|-----------|
| 78         | CRUSHED AGGREGATE SIZE NO 2          | TON  | 12,292  |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 1810       | STANDARD CURB AND GUTTER             | LF   | 14,985  |                         |                  |                         |                         |                         |                         | 130                     | 180                     |       |           |
| 1811       | STANDARD CURB AND GUTTER MOD.        | LF   | 446     |                         | 341              | 176                     | 142                     |                         |                         |                         |                         |       |           |
| 1820       | LIP CURB AND GUTTER                  | LF   | 301     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 1830       | STANDARD INTEGRAL CURB               | LF   | 138     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 1875       | STANDARD HEADER CURB                 | LF   | 920     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 1890       | ISLAND HEADER CURB TYPE 1            | LF   |         |                         |                  |                         |                         |                         |                         |                         |                         |       | 86        |
| 2084       | JPC PAVEMENT-8 IN                    | SOYD | 359     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2091       | REMOVE PAVEMENT                      | SOYD | 700     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2157       | PAVED DITCH TYPE 1                   | SOYD | 25      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2159       | TEMP DITCH                           | LF   | 4,123   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2160       | CLEAN TEMP DITCH                     | LF   | 2,062   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2165       | REMOVE PAVED DITCH                   | SOYD | 22      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2230       | EMBANKMENT IN PLACE                  | CUYD | 34,092  |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2242       | WATER                                | MGAL | 312     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2265       | REMOVE FENCE                         | LF   | 1,036   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2275       | FENCE-8 FT CHAIN LINK                | LF   | 924     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2351       | GUARDRAIL-STEEL W BEAM-S FACE        | LF   |         |                         |                  |                         |                         |                         |                         | 362.5                   |                         |       |           |
| 21802EN    | G/R STEEL W BEAM-S FACE (7 FT POST)  | LF   | 2,137.5 |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2370       | GUARDRAIL END TREATMENT TYPE 2M      | EACH | 3       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2367       | GUARDRAIL END TREATMENT TYPE 1       | EACH | 2       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 20191ED    | OBJECT MARKER TYPE 3                 | EACH | 2       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2381       | REMOVE GUARDRAIL                     | LF   | 1405    |                         |                  |                         |                         |                         |                         | 150                     |                         |       |           |
| 25079ED    | THRIE BEAM GUARDRAIL TRANSITION TL-2 | EACH | 4       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 26236EC    | THRIE BEAM BULLNOSE TERMINAL         | EACH |         |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 20629NS719 | THRIE BEAM TO W BEAM CONNECTOR       | EACH |         |                         |                  |                         |                         |                         |                         | 2                       |                         |       |           |
| 2429       | RIGHT-OF-WAY MONUMENT TYPE 1         | EACH | 65      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2432       | WITNESS POST                         | EACH | 33      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2483       | CHANNEL LINING CLASS II              | TON  | 3,300   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2484       | CHANNEL LINING CLASS III             | TON  | 3,335   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2545       | CLEARING AND GRUBBING                | LS   | 1       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2562       | TEMPORARY SIGNS                      | SOFT | 354     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2568       | MOBILIZATION                         | LS   | 1       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2569       | DEMOBILIZATION                       | LS   | 1       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2585       | EDGE KEY                             | LF   | 20      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 21289ED    | LONGITUDINAL EDGE KEY                | LF   | 7,397   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2603       | FABRIC-GEOTEXTILE CLASS 2            | SOYD | 12,850  |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2602       | FABRIC-GEOTEXTILE CLASS 1            | SOYD | 2,320   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2650       | MAINTAIN & CONTROL TRAFFIC           | LS   | 1       |                         |                  |                         |                         |                         |                         |                         | 1                       |       |           |
| 2671       | PORTABLE CHANGEABLE MESSAGE SIGN     | EACH | 2       |                         |                  |                         |                         |                         |                         |                         | 4                       |       |           |
| 2676       | MOBILIZATION FOR MILL & TEXT         | LS   | 1       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2677       | ASPHALT PAVE MILLING & TEXTURING     | TON  | 95      |                         |                  |                         |                         |                         |                         | 185                     |                         |       |           |
| 2690       | SAFELOADING                          | CUYD | 10      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2701       | TEMP SILT FENCE                      | LF   | 6,477   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2703       | SILT TRAP TYPE A                     | EACH | 15      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2704       | SILT TRAP TYPE B                     | EACH | 15      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2705       | SILT TRAP TYPE C                     | EACH | 15      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2706       | CLEAN SILT TRAP TYPE A               | EACH | 15      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2707       | CLEAN SILT TRAP TYPE B               | EACH | 15      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2708       | CLEAN SILT TRAP TYPE C               | EACH | 15      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2720       | SIDEWALK-4 IN CONCRETE               | SOYD | 7,459   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 23158ES505 | DETECTABLE WARNINGS                  | SOFT | 428     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2726       | STAKING                              | LS   | 1       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2898       | RELOCATE CRASH CUSHION               | EACH | 2       |                         |                  |                         |                         |                         |                         |                         | 4                       |       |           |
| 2900       | INSTALL TEMP CRASH CUSHION           | EACH | 4       |                         |                  |                         |                         |                         |                         |                         | 4                       |       |           |
| 3171       | CONCRETE BARRIER WALL TYPE 9T        | LF   | 460     |                         |                  |                         |                         |                         |                         |                         | 2400                    |       |           |
| 2003       | RELOCATE TEMP CONC BARRIER           | LF   | 230     |                         |                  |                         |                         |                         |                         |                         | 4800                    |       |           |
| 5950       | EROSION CONTROL BLANKET              | SOYD | 6,500   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 5952       | TEMP MULCH                           | SOYD | 57,482  |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 5953       | TEMP SEEDING AND PROTECTION          | SOYD | 42,897  |                         |                  |                         |                         |                         |                         |                         |                         |       |           |

THE EARTHWORK SHOWN ABOVE IS FOR INFORMATION ONLY. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTOR'S RESPONSIBILITY.

### NOTES:

EROSION CONTROL QUANTITIES ARE BASED ON THE PROBABLE AMOUNT OF EROSION CONTROL FEATURES AS ESTIMATED BY THE DESIGNER.

- ① INCLUDES THE FOLLOWING FROM GEOTECH NOTES: #9-2 TON, #10-2,190 TONS, #12-5,100 TONS  
5,000 TONS AS DIRECTED BY THE ENGINEER
- ② FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY
- ③ INCLUDES 95 TONS FROM PIPE SUMMARY
- ④ INCLUDES THE FOLLOWING FROM GEOTECH NOTES: #10-7, 950 SOYD, #12-4, 900 SOYD APPROXIMATELY 17 ACRES
- ⑤ FOR TIE-IN STA. 336+00
- ⑥ MILL & OVERLAY STA. 417+00-418+45
- ⑧ CONSTRUCT 5' CEMENT CONCRETE SIDEWALK AS PER CITY OF BOWLING GREEN STANDARDS WHERE SPECIFIED BY NOTE ON PLANS. DGA WILL BE INCIDENTAL TO THE SQUARE YARDS OF SIDEWALK.
- ⑨ STA. 378+95.28 LT. (P. 90 ENT. 3)
- ⑩ INCLUDES 3,300 TONS TO BE USED TO BACKFILL KOA CAMPGROUND POND.
- ⑪ INCLUDES 2,320 SY TO BE USED TO BACKFILL KOA CAMPGROUND POND.
- ⑫ UPON COMPLETION OF PROJECT, CONTRACTOR TO RETAIN POSSESSION OF BARRIER WALLS
- ⑬ WATER BLASTING WILL BE INCIDENTAL TO "MAINTAIN & CONTROL TRAFFIC" ITEM

#### EARTHWORK CALCULATIONS:

##### EMBANKMENT:

KY 884  
29,843 - CUYD EMB.  
3,306 - CUYD EMB. BENCHING

APPROACH ROADS  
772 - CUYD EMB.

ENTRANCES  
171 - CUYD EMB.

34,092 - CUYD EMB. TOTAL

EXCAVATION:

##### KY 884

7,019 - CUYD COM. EXC.  
2,556 - CUYD DIT. EXC.★

APPROACH ROADS  
785 - CUYD COM. EXC.

ENTRANCES  
300 - CUYD COM. EXC.

10,660 - CUYD TOTAL EXCAVATION★

23,432 - CUYD EMB. NEEDED

★INCLUDES 164 - CUYD FROM PIPE SUMMARY

### GENERAL SUMMARY SHEET

KY 884

**GENERAL SUMMARY**

|           |           |           |
|-----------|-----------|-----------|
| COUNTY OF | ITEM NO.  | SHEET NO. |
| WARREN    | 3-8818.00 | R2G       |

| ITEM       | DESCRIPTION                          | UNIT | KY 884  | APP. STA. 346+99.49 RT. | SPRINGFIELD BLVD | APP. STA. 366+53.94 RT. | APP. STA. 372+51.39 RT. | APP. STA. 382+05.00 LT. | APP. STA. 382+05.00 RT. | APP. STA. 387+17.45 LT. | APP. STA. 389+00.66 RT. | I-165 | ENTRANCES |
|------------|--------------------------------------|------|---------|-------------------------|------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------|-----------|
| 78         | CRUSHED AGGREGATE SIZE NO 2          | TON  | 12,292  |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 1810       | STANDARD CURB AND GUTTER             | LF   | 14,985  |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 1811       | STANDARD CURB AND GUTTER MOD.        | LF   | 446     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 1820       | LIP CURB AND GUTTER                  | LF   | 301     | 341                     | 176              | 142                     |                         |                         |                         |                         |                         |       |           |
| 1830       | STANDARD INTEGRAL CURB               | LF   | 138     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 1875       | STANDARD HEADER CURB                 | LF   | 920     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 1890       | ISLAND HEADER CURB TYPE 1            | LF   |         |                         |                  |                         |                         |                         |                         |                         |                         |       | 86        |
| 2084       | JPC PAVEMENT-8 IN                    | SOYD | 359     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2091       | REMOVE PAVEMENT                      | SOYD | 700     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2157       | PAVED DITCH TYPE 1                   | SOYD | 25      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2159       | TEMP DITCH                           | LF   | 4,123   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2160       | CLEAN TEMP DITCH                     | LF   | 2,062   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2165       | REMOVE PAVED DITCH                   | SOYD | 22      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2230       | EMBANKMENT IN PLACE                  | CUYD | 34,092  |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2242       | WATER                                | MGAL | 312     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2265       | REMOVE FENCE                         | LF   | 1,036   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2275       | FENCE-8 FT CHAIN LINK                | LF   | 924     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2351       | GUARDRAIL-STEEL W BEAM-S FACE        | LF   |         |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 21802EN    | G/R STEEL W BEAM-S FACE (7 FT POST)  | LF   | 2,137.5 |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2370       | GUARDRAIL END TREATMENT TYPE 2M      | EACH | 3       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2367       | GUARDRAIL END TREATMENT TYPE 1       | EACH | 2       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 20191ED    | OBJECT MARKER TYPE 3                 | EACH | 2       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2381       | REMOVE GUARDRAIL                     | LF   | 1405    |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 25079ED    | THRIE BEAM GUARDRAIL TRANSITION TL-2 | EACH | 4       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 26236EC    | THRIE BEAM BULLNOSE TERMINAL         | EACH |         |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 20629NST19 | THRIE BEAM TO W BEAM CONNECTOR       | EACH |         |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2429       | RIGHT-OF-WAY MONUMENT TYPE 1         | EACH | 65      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2432       | WITNESS POST                         | EACH | 33      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2483       | CHANNEL LINING CLASS II              | TON  | 3,300   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2484       | CHANNEL LINING CLASS III             | TON  | 3,335   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2545       | CLEARING AND GRUBBING                | LS   | 1       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2562       | TEMPORARY SIGNS                      | SOFT | 354     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2568       | MOBILIZATION                         | LS   | 1       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2569       | DEMOBILIZATION                       | LS   | 1       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2585       | EDGE KEY                             | LF   | 20      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 21289ED    | LONGITUDINAL EDGE KEY                | LF   | 7,397   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2603       | FABRIC-GEOTEXTILE CLASS 2            | SOYD | 12,850  |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2602       | FABRIC-GEOTEXTILE CLASS 1            | SOYD | 2,320   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2650       | MAINTAIN & CONTROL TRAFFIC           | LS   | 1       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2671       | PORTABLE CHANGEABLE MESSAGE SIGN     | EACH | 2       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2676       | MOBILIZATION FOR MILL & TEXT         | LS   | 1       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2677       | ASPHALT PAVE MILLING & TEXTURING     | TON  | 95      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2690       | SAFELOADING                          | CUYD | 10      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2701       | TEMP SILT FENCE                      | LF   | 6,477   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2703       | SILT TRAP TYPE A                     | EACH | 15      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2704       | SILT TRAP TYPE B                     | EACH | 15      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2705       | SILT TRAP TYPE C                     | EACH | 15      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2706       | CLEAN SILT TRAP TYPE A               | EACH | 15      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2707       | CLEAN SILT TRAP TYPE B               | EACH | 15      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2708       | CLEAN SILT TRAP TYPE C               | EACH | 15      |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2720       | SIDEWALK-4 IN CONCRETE               | SOYD | 7,459   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 23158ES505 | DETECTABLE WARNINGS                  | SOFT | 428     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2726       | STAKING                              | LS   | 1       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2898       | RELOCATE CRASH CUSHION               | EACH | 2       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2900       | INSTALL TEMP CRASH CUSHION           | EACH | 4       |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 3171       | CONCRETE BARRIER WALL TYPE 9T        | LF   | 460     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 2003       | RELOCATE TEMP CONC BARRIER           | LF   | 230     |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 5950       | EROSION CONTROL BLANKET              | SOYD | 6,500   |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 5952       | TEMP MULCH                           | SOYD | 57,482  |                         |                  |                         |                         |                         |                         |                         |                         |       |           |
| 5953       | TEMP SEEDING AND PROTECTION          | SOYD | 42,897  |                         |                  |                         |                         |                         |                         |                         |                         |       |           |

**NOTES:**

EROSION CONTROL QUANTITIES ARE BASED ON THE PROBABLE AMOUNT OF EROSION CONTROL FEATURES AS ESTIMATED BY THE DESIGNER.

- ① INCLUDES THE FOLLOWING FROM GEOTECH NOTES: #9-2 TON, #10-2,190 TONS, #12-5,100 TONS  
5,000 TONS AS DIRECTED BY THE ENGINEER
- ② FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY
- ③ INCLUDES 95 TONS FROM PIPE SUMMARY
- ④ INCLUDES THE FOLLOWING FROM GEOTECH NOTES: #10-7,950 SOYD, #12-4,900 SOYD APPROXIMATELY 17 ACRES
- ⑤ FOR TIE-IN STA. 336+00
- ⑥ MILL & OVERLAY STA. 417+00-418+45
- ⑦ CONSTRUCT 5' CEMENT CONCRETE SIDEWALK AS PER CITY OF BOWLING GREEN STANDARDS WHERE SPECIFIED BY NOTE ON PLANS. DGA WILL BE INCIDENTAL TO THE SQUARE YARDS OF SIDEWALK.
- ⑧ STA. 378+95.28 LT. (P. 90 ENT. 3)
- ⑨ INCLUDES 3,300 TONS TO BE USED TO BACKFILL KOA CAMPGROUND POND.
- ⑩ INCLUDES 2,320 SY TO BE USED TO BACKFILL KOA CAMPGROUND POND.
- ⑪ UPON COMPLETION OF PROJECT, CONTRACTOR TO RETAIN POSSESSION OF BARRIER WALLS
- ⑫ WATER BLASTING WILL BE INCIDENTAL TO "MAINTAIN & CONTROL TRAFFIC" ITEM

|                                        |                        |
|----------------------------------------|------------------------|
| <b>EARTHWORK CALCULATIONS:</b>         |                        |
| <b>EMBANKMENT:</b>                     |                        |
| KY 884                                 | 29,843 - CUYD EMB.     |
| 3,306 - CUYD EMB. BENCHING             |                        |
| APPROACH ROADS                         | 772 - CUYD EMB.        |
| ENTRANCES                              | 171 - CUYD EMB.        |
| 34,092 - CUYD EMB. TOTAL               |                        |
| <b>EXCAVATION:</b>                     |                        |
| KY 884                                 | 7,019 - CUYD COM. EXC. |
| 2,556 - CUYD DIT. EXC.                 |                        |
| APPROACH ROADS                         | 785 - CUYD COM. EXC.   |
| ENTRANCES                              | 300 - CUYD COM. EXC.   |
| 10,660 - CUYD TOTAL EXCAVATION*        |                        |
| 23,432 - CUYD EMB. NEEDED              |                        |
| *INCLUDES 164 - CUYD FROM PIPE SUMMARY |                        |

**GENERAL SUMMARY SHEET**

THE EARTHWORK SHOWN ABOVE IS FOR INFORMATION ONLY. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTOR'S RESPONSIBILITY.

**GENERAL SUMMARY**

| ITEM    | DESCRIPTION                                  | UNIT  | KY 884  | APP. STA. 346+99.49 RT. | SPRINGFIELD BLVD | APP. STA. 366+53.94 RT. | APP. STA. 372+51.39 RT. | APP. STA. 382+05.00 LT. | APP. STA. 382+05.00 RT. | APP. STA. 387+17.45 LT. | APP. STA. 389+00.66 RT. | I-165 | ENTRANCES |
|---------|----------------------------------------------|-------|---------|-------------------------|------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------|-----------|
| 5963    | INITIAL FERTILIZER                           | TON   | 1.3     |                         |                  |                         |                         |                         |                         |                         |                         |       | 1.3       |
| 5964    | MAINTENANCE FERTILIZER (20-10-10 FERTILIZER) | TON   | 2.1     |                         |                  |                         |                         |                         |                         |                         |                         |       | 2.1       |
| 5985    | SEEDING AND PROTECTION                       | SOYD  | 6,222   |                         |                  |                         |                         |                         |                         |                         |                         |       | 6,222     |
| 5990    | SODDING                                      | SOYD  | 27,619  |                         |                  |                         |                         |                         |                         |                         |                         |       | 27,619    |
| 5992    | AGRICULTURAL LIMESTONE                       | TON   | 25      |                         |                  |                         |                         |                         |                         |                         |                         |       | 25        |
| 6406    | SBM ALUM SHEET SIGNS .080 IN                 | SOFT  | 297     |                         |                  |                         |                         |                         |                         |                         |                         |       | 297       |
| 6410    | STEEL POST TYPE 1                            | LF    | 400     |                         |                  |                         |                         |                         |                         |                         |                         |       | 400       |
| 2463IEC | BARCODE SIGN INVENTORY                       | EACH  | 67      |                         |                  |                         |                         |                         |                         |                         |                         |       | 67        |
| 6511    | PAVE STRIPING-TEMP PAINT-6 IN                | LF    | 115,000 |                         |                  | 2500                    | 360                     | 5000                    |                         |                         |                         |       | 122,860   |
| 6515    | PAVE STRIPING-PERM PAINT-6 IN                | LF    | 36,837  |                         |                  | 831                     | 621                     | 1700                    |                         |                         |                         |       | 39,989    |
| 6517    | PAVE STRIPING-PERM PAINT-12 IN               | LF    | 39      |                         |                  | 23                      | 15                      |                         |                         |                         |                         |       | 77        |
| 6546    | PAVE STRIPING-THERMO-12 IN W                 | LF    | 413     |                         |                  | 90                      | 100                     |                         |                         |                         |                         |       | 603       |
| 6547    | PAVE STRIPING-THERMO-12 IN Y                 | LF    |         |                         |                  | 77                      |                         |                         |                         |                         |                         |       | 77        |
| 6568    | PAVE MARKING-THERMO STOP BAR-24IN            | LF    | 62      |                         |                  |                         |                         |                         |                         |                         |                         |       | 62        |
| 6574    | PAVE MARKING-THERMO CURV ARROW               | EACH  | 34      |                         |                  |                         |                         |                         |                         |                         |                         |       | 34        |
| 6575    | PAVE MARKING-THERMO COMB ARROW               | EACH  | 6       |                         |                  |                         | 1                       | 1                       |                         |                         |                         |       | 8         |
| 6578    | PAVE MARKING-THERMO MERGE ARROW              | EACH  | 1       |                         |                  |                         |                         |                         |                         |                         |                         |       | 1         |
| 22520EN | PAVE MARKING-THERMO YIELD BAR-36 IN          | LF    | 28      |                         |                  | 14                      | 14                      |                         |                         |                         |                         |       | 56        |
| 24114EC | PAVE MARK-THERMO-YIELD                       | EACH  | 2       |                         |                  | 1                       | 1                       |                         |                         |                         |                         |       | 4         |
| 6610    | INLAID PAVEMENT MARKER-MW                    | EACH  | 18      |                         |                  |                         |                         |                         |                         |                         |                         |       | 18        |
| 6612    | INLAID PAVEMENT MARKER-BY                    | EACH  | 379     |                         |                  |                         |                         |                         |                         |                         |                         |       | 379       |
| 10020NS | FUEL ADJUSTMENT                              | DOLL  | 21374   |                         |                  |                         |                         |                         |                         |                         |                         |       | 21374     |
| 10030NS | ASPHALT ADJUSTMENT                           | DOLL  | 83017   |                         |                  |                         |                         |                         |                         |                         |                         |       | 83017     |
| 24845EC | UTILITY COORDINATION                         | LS    | 1       |                         |                  |                         |                         |                         |                         |                         |                         |       | 1         |
| 26248EC | ELECTRONIC DELIVERY MGMT SYSTEM-AGG          | LS    | 1       |                         |                  |                         |                         |                         |                         |                         |                         |       | 1         |
| 2731    | REMOVE STRUCTURE                             | LS    | 1       |                         |                  |                         |                         |                         |                         |                         |                         |       | 1         |
| 20314ED | MILLED RUMBLE STRIPS                         | LF    |         |                         |                  |                         |                         | 1600                    |                         |                         |                         |       | 1600      |
| 20411ED | LAW ENFORCEMENT OFFICER                      | HOURL |         |                         |                  |                         |                         | 300                     |                         |                         |                         |       | 300       |

- (14) EX. KY 884 BRIDGE @ I-165 (STA. 355+41.5)
- (15) ALL ITEMS RELATED TO BRIDGE REMOVAL ARE INCLUDED IN THIS ITEM
- (16) TO BE USED ONLY DURING BRIDGE CONSTRUCTION/DEMOLITION

|           |           |           |
|-----------|-----------|-----------|
| COUNTY OF | ITEM NO.  | SHEET NO. |
| WARREN    | 3-8818.00 | R2H       |

**GENERAL SUMMARY**

| ITEM    | DESCRIPTION                                  | UNIT | KY 884  | APP. STA. 346+99.49 RT. | SPRINGFIELD BLVD | APP. STA. 366+53.94 RT. | APP. STA. 372+51.39 RT. | APP. STA. 382+05.00 RT. | APP. STA. 387+17.45 LT. | APP. STA. 389+00.66 RT. | I-165 | ENTRANCES |
|---------|----------------------------------------------|------|---------|-------------------------|------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------|-----------|
| 5963    | INITIAL FERTILIZER                           | TON  | 1.3     |                         |                  |                         |                         |                         |                         |                         |       | 1.3       |
| 5964    | MAINTENANCE FERTILIZER (20-10-10 FERTILIZER) | TON  | 2.1     |                         |                  |                         |                         |                         |                         |                         |       | 2.1       |
| 5985    | SEEDING AND PROTECTION                       | SOYD | 6,222   |                         |                  |                         |                         |                         |                         |                         |       | 6,222     |
| 5990    | SODDING                                      | SOYD | 27,619  |                         |                  |                         |                         |                         |                         |                         |       | 27,619    |
| 5992    | AGRICULTURAL LIMESTONE                       | TON  | 25      |                         |                  |                         |                         |                         |                         |                         |       | 25        |
| 6406    | SBM ALUM SHEET SIGNS .080 IN                 | SOFT | 297     |                         |                  |                         |                         |                         |                         |                         |       | 297       |
| 6410    | STEEL POST TYPE 1                            | LF   | 400     |                         |                  |                         |                         |                         |                         |                         |       | 400       |
| 2463IEC | BARCODE SIGN INVENTORY                       | EACH | 67      |                         |                  |                         |                         |                         |                         |                         |       | 67        |
| 6511    | PAVE STRIPING-TEMP PAINT-6 IN                | LF   | 115,000 |                         |                  |                         | 2500                    | 360                     |                         |                         | 5000  | 122,860   |
| 6515    | PAVE STRIPING-PERM PAINT-6 IN                | LF   | 36,837  |                         |                  |                         | 831                     | 621                     |                         |                         | 1700  | 39,989    |
| 6517    | PAVE STRIPING-PERM PAINT-12 IN               | LF   | 39      |                         |                  |                         | 23                      | 15                      |                         |                         |       | 77        |
| 6546    | PAVE STRIPING-THERMO-12 IN W                 | LF   | 413     |                         |                  |                         | 90                      | 100                     |                         |                         |       | 603       |
| 6547    | PAVE STRIPING-THERMO-12 IN Y                 | LF   |         |                         |                  |                         | 77                      |                         |                         |                         |       | 77        |
| 6568    | PAVE MARKING-THERMO STOP BAR-24IN            | LF   | 62      |                         |                  |                         |                         |                         |                         |                         |       | 62        |
| 6574    | PAVE MARKING-THERMO CURV ARROW               | EACH | 34      |                         |                  |                         |                         |                         |                         |                         |       | 34        |
| 6575    | PAVE MARKING-THERMO COMB ARROW               | EACH | 6       |                         |                  |                         |                         |                         |                         |                         |       | 8         |
| 6578    | PAVE MARKING-THERMO MERGE ARROW              | EACH | 1       |                         |                  |                         | 1                       | 1                       |                         |                         |       | 1         |
| 22520EN | PAVE MARKING-THERMO YIELD BAR-36 IN          | LF   | 28      |                         |                  |                         | 14                      | 14                      |                         |                         |       | 56        |
| 24114EC | PAVE MARK-THERMO-YIELD                       | EACH | 2       |                         |                  |                         | 1                       | 1                       |                         |                         |       | 4         |
| 6610    | INLAID PAVEMENT MARKER-MW                    | EACH | 18      |                         |                  |                         |                         |                         |                         |                         |       | 18        |
| 6612    | INLAID PAVEMENT MARKER-BY                    | EACH | 379     |                         |                  |                         |                         |                         |                         |                         |       | 379       |
| 10020NS | FUEL ADJUSTMENT                              | DOLL | 21374   |                         |                  |                         |                         |                         |                         |                         |       | 21374     |
| 10030NS | ASPHALT ADJUSTMENT                           | DOLL | 83017   |                         |                  |                         |                         |                         |                         |                         |       | 83017     |
| 24845EC | UTILITY COORDINATION                         | LS   | 1       |                         |                  |                         |                         |                         |                         |                         |       | 1         |
| 26248EC | ELECTRONIC DELIVERY MGMT SYSTEM-AGG          | LS   | 1       |                         |                  |                         |                         |                         |                         |                         |       | 1         |
| 2731    | REMOVE STRUCTURE                             | LS   | 1       |                         |                  |                         |                         |                         |                         |                         |       | 1         |
| 20314ED | MILLED RUMBLE STRIPS                         | LF   |         |                         |                  |                         |                         |                         |                         |                         | 1600  | 1600      |
| 20411ED | LAW ENFORCEMENT OFFICER                      | HOUR |         |                         |                  |                         |                         |                         |                         |                         | 300   | 300       |

(14) EX. KY 884 BRIDGE @ I-165 (STA. 355+41.5)  
 (15) ALL ITEMS RELATED TO BRIDGE REMOVAL ARE INCLUDED IN THIS ITEM  
 (16) TO BE USED ONLY DURING BRIDGE CONSTRUCTION/DEMOLITION

|           |           |           |
|-----------|-----------|-----------|
| COUNTY OF | ITEM NO.  | SHEET NO. |
| WARREN    | 3-8818.00 | R21       |

### PAVING AREAS

| ITEM                                   | O U A R E S                |                            |                            |                            |                            |                            |                            |                            |       |   | ENTRANCES | TOTAL PROJECT |   |       |        |
|----------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------|---|-----------|---------------|---|-------|--------|
|                                        | APP. STA.<br>346+94.55 RT. | APP. STA.<br>349+56.90 LT. | APP. STA.<br>350+12.99 LT. | APP. STA.<br>366+53.94 RT. | APP. STA.<br>372+51.39 RT. | APP. STA.<br>381+94.00 LT. | APP. STA.<br>387+17.45 LT. | APP. STA.<br>389+00.66 RT. | I-165 | Y |           |               | A | R     | D      |
| 1.5" CL3 ASPH SURF 0.38B PG64-22       | 32,867                     | 316                        | 236                        | 282                        | 382                        | 207                        | 468                        | 225                        | 384   |   |           |               |   | 2,335 | 37,702 |
| 1.5" CL4 ASPH SURF 0.38A PG76-22       |                            |                            |                            |                            |                            |                            |                            |                            | 2,134 |   |           |               |   |       | 2,134  |
| 2.00" CL3 ASPH BASE 1.00D PG64-22      |                            |                            |                            |                            |                            |                            |                            |                            |       |   |           |               |   | 2,385 | 2,385  |
| 3.25" CL3 ASPH BASE 1.00D PG64-22      | 27,836                     | 316                        | 236                        | 282                        | 382                        | 207                        | 469                        | 225                        | 384   |   |           |               |   |       | 30,337 |
| 3.25" CL3 ASPH BASE 1.00D PG64-22      | 27,561                     | 316                        | 236                        | 282                        | 382                        | 207                        | 470                        | 226                        | 384   |   |           |               |   |       | 30,064 |
| 3.50" CL3 ASPH BASE 1.00D PG64-22      | 29,810                     | 392                        | 306                        | 347                        | 450                        | 262                        | 532                        | 277                        | 454   |   |           |               |   |       | 32,830 |
| 6" CRUSHED STONE BASE                  |                            |                            |                            |                            |                            |                            |                            |                            |       |   |           |               |   | 751   | 751    |
| 4" CRUSHED STONE BASE                  | 28,337                     | 398                        | 311                        | 353                        | 456                        | 267                        | 538                        | 282                        | 460   |   |           |               |   | 1,888 | 33,290 |
| ASPHALT SEAL COAT                      | 430                        |                            |                            |                            |                            |                            |                            |                            |       |   |           |               |   |       | 430    |
| ASPHALT SEAL AGGREGATE                 | 430                        |                            |                            |                            |                            |                            |                            |                            |       |   |           |               |   |       | 430    |
| CEM CONC ENT PAVEMENT - 8 IN           |                            |                            |                            |                            |                            |                            |                            |                            |       |   |           |               |   | 1,884 | 1,884  |
| ASPHALT MATERIAL FOR TACK NON-TRACKING | 85,207                     | 1,024                      | 778                        | 911                        | 1,214                      | 676                        | 1,471                      | 728                        | 1,222 |   |           |               |   | 2,385 | 95,616 |

### PAVING SUMMARY

| ITEM CODE | ITEM                                   | UNIT | KY 884             | APP. STA.<br>346+94.55 RT. | APP. STA.<br>349+56.90 LT. | APP. STA.<br>350+12.99 LT. | APP. STA.<br>366+53.94 RT. | APP. STA.<br>372+51.39 RT. | APP. STA.<br>381+94.00 LT. | APP. STA.<br>387+17.45 LT. | APP. STA.<br>389+00.66 RT. | I-165 | ENTRANCES          | TOTAL PROJECT |
|-----------|----------------------------------------|------|--------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------|--------------------|---------------|
| 00003     | CRUSHED STONE BASE                     | TON  | 9,495 <sup>④</sup> | 92                         | 72                         | 82                         | 105                        | 62                         | 124                        | 65                         | 106                        |       | 1,512 <sup>⑤</sup> | 11,715        |
| 00100     | ASPHALT SEAL AGGREGATE                 | TON  | 9                  |                            |                            |                            |                            |                            |                            |                            |                            |       |                    | 9             |
| 00103     | ASPHALT SEAL COAT                      | TON  | 1                  |                            |                            |                            |                            |                            |                            |                            |                            |       |                    | 1             |
| 00214     | CL3 ASPH BASE 1.00D PG64-22            | TON  | 15,641             | 189                        | 144                        | 168                        | 224                        | 125                        | 271                        | 134                        | 225                        |       | 263                | 17,384        |
| 00342     | CL4 ASPH SURF 0.38A PG76-22            | TON  |                    |                            |                            |                            |                            |                            |                            |                            |                            | 185   |                    | 185           |
| 00388     | CL3 ASPH SURF 0.38B PG64-22            | TON  | 2,712              | 26                         | 20                         | 24                         | 32                         | 17                         | 39                         | 19                         | 32                         |       | 193                | 3,114         |
| 00190     | LEVELING & WEDGING PG64-22             | TON  | 1,341              |                            |                            |                            |                            |                            |                            |                            |                            |       |                    | 1,341         |
| 02101     | CEM CONC ENT PAVEMENT - 8 IN           | SY   |                    |                            |                            |                            |                            |                            |                            |                            |                            |       |                    | 1,884         |
| 24970EC   | ASPHALT MATERIAL FOR TACK NON-TRACKING | TON  | 35.8               | 0.43                       | 0.33                       | 0.38                       | 0.51                       | 0.28                       | 0.62                       | 0.31                       | 0.51                       |       | 1.0                | 40.17         |
| 20071EC   | JOINT ADHESIVE                         | LF   | 25,000             | 200                        | 200                        | 200                        | 200                        | 200                        | 200                        | 200                        | 200                        |       | 2,000              | 28,600        |

- ① ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH.
- ② ASPHALT SEAL COAT @ 2.4 LBS./S.Y. ASPHALT SEAL AGGREGATE @ 20 LBS./S.Y. (TOTAL INCLUDES 2 APPLICATIONS)
- ③ ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH.
- ④ INCLUDES 477 TONS FOR FULL DEPTH CSB FROM STA. 336+30 TO STA. 339+90, 1,500 TONS FOR SLOPING CSB AWAY FROM EXISTING PAVEMENT, 1,000 TONS FOR MAINTAINING DROP OFFS DURING CONSTRUCTION.
- ⑤ INCLUDES 600 TONS FOR MAINTAINING ENTRANCES DURING CONSTRUCTION.
- ⑥ FROM CROSS SECTION AVERAGE END AREAS
- ⑦ ESTIMATED AT 0.84 LBS. PER SQ. YD.
- ⑧ INCLUDES 6 TONS FOR LEVEL & WEDGE

### PAVING AREAS

| ITEM                                   | Q U A R T E R S |       |     |     |       |     |       |     |       |               | ENTRANCES | TOTAL PROJECT |        |
|----------------------------------------|-----------------|-------|-----|-----|-------|-----|-------|-----|-------|---------------|-----------|---------------|--------|
|                                        | S               | O     | U   | A   | R     | E   | Y     | A   | R     | S             |           |               |        |
| 1.5" CL3 ASPH SURF 0.38B PG64-22       | 32,867          | 316   | 236 | 282 | 382   | 207 | 468   | 225 | 384   | 389+00.66 RT. | I-165     | 2,335         | 37,702 |
| 1.5" CL4 ASPH SURF 0.38A PG76-22       |                 |       |     |     |       |     |       |     | 2,134 | 387+17.45 LT. | 2,134     | 2,385         | 2,134  |
| 2.00" CL3 ASPH BASE 1.00D PG64-22      |                 |       |     |     |       |     |       |     |       |               |           |               | 2,385  |
| 3.25" CL3 ASPH BASE 1.00D PG64-22      | 27,836          | 316   | 236 | 282 | 382   | 207 | 469   | 225 | 384   |               |           |               | 30,337 |
| 3.25" CL3 ASPH BASE 1.00D PG64-22      | 27,561          | 316   | 236 | 282 | 382   | 207 | 470   | 226 | 384   |               |           |               | 30,064 |
| 3.50" CL3 ASPH BASE 1.00D PG64-22      | 29,810          | 392   | 306 | 347 | 450   | 262 | 532   | 277 | 454   |               |           |               | 32,830 |
| 6" CRUSHED STONE BASE                  |                 |       |     |     |       |     |       |     |       |               |           | 751           | 751    |
| 4" CRUSHED STONE BASE                  | 28,337          | 398   | 311 | 353 | 456   | 267 | 538   | 282 | 460   |               |           | 1,888         | 33,290 |
| ASPHALT SEAL COAT                      | 430             |       |     |     |       |     |       |     |       |               |           |               | 430    |
| ASPHALT SEAL AGGREGATE                 | 430             |       |     |     |       |     |       |     |       |               |           |               | 430    |
| CEM CONC ENT PAVEMENT - 8 IN           |                 |       |     |     |       |     |       |     |       |               |           | 1,884         | 1,884  |
| ASPHALT MATERIAL FOR TACK NON-TRACKING | 85,207          | 1,024 | 778 | 911 | 1,214 | 676 | 1,471 | 728 | 1,222 |               |           | 2,385         | 95,616 |

### PAVING SUMMARY

| ITEM CODE | ITEM                                   | UNIT  | KY 884 | APP. STA | APP. STA | APP. STA | APP. STA | APP. STA | APP. STA | APP. STA | APP. STA | APP. STA | APP. STA | APP. STA | ENTRANCES | TOTAL PROJECT |
|-----------|----------------------------------------|-------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|---------------|
| 00003     | CRUSHED STONE BASE                     | ① TON | 9,495④ | 92       | 72       | 82       | 105      | 62       | 124      | 65       | 106      |          |          |          | 1,512 ⑤   | 11,715        |
| 00100     | ASPHALT SEAL AGGREGATE                 | ② TON | 9      |          |          |          |          |          |          |          |          |          |          |          |           | 9             |
| 00103     | ASPHALT SEAL COAT                      | ② TON | 1      |          |          |          |          |          |          |          |          |          |          |          |           | 1             |
| 00214     | CL3 ASPH BASE 1.00D PG64-22            | ③ TON | 15,641 | 189      | 144      | 168      | 224      | 125      | 271      | 134      | 225      |          |          |          | 263       | 17,384        |
| 00342     | CL4 ASPH SURF 0.38A PG76-22            | ③ TON |        |          |          |          |          |          |          |          |          |          |          |          |           | 185           |
| 00388     | CL3 ASPH SURF 0.38B PG64-22            | ③ TON | 2,712  | 26       | 20       | 24       | 32       | 17       | 39       | 19       | 32       |          |          |          | 193       | 3,114         |
| 00190     | LEVELING & WEDGING PG64-22             | ⑥ TON | 1,341  |          |          |          |          |          |          |          |          |          |          |          |           | 1,341         |
| 02101     | CEM CONC ENT PAVEMENT - 8 IN           | SY    |        |          |          |          |          |          |          |          |          |          |          |          |           | 1,884         |
| 24970EC   | ASPHALT MATERIAL FOR TACK NON-TRACKING | ⑦ TON | 35.8   | 0.43     | 0.33     | 0.38     | 0.51     | 0.28     | 0.62     | 0.31     | 0.51     |          |          |          | 1.0       | 40.17         |
| 20071EC   | JOINT ADHESIVE                         | LF    | 25,000 | 200      | 200      | 200      | 200      | 200      | 200      | 200      | 200      |          |          |          | 2,000     | 28,600        |

- ① ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH.
- ② ASPHALT SEAL COAT @ 2.4 LBS./S.Y. ASPHALT SEAL AGGREGATE @ 20 LBS./S.Y. (TOTAL INCLUDES 2 APPLICATIONS)
- ③ ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH.
- ④ INCLUDES 477 TONS FOR FULL DEPTH CSB FROM STA. 336+30 TO STA. 339+90, 1,500 TONS FOR SLOPING CSB AWAY FROM EXISTING PAVEMENT, 1,000 TONS FOR MAINTAINING DROP OFFS DURING CONSTRUCTION.
- ⑤ INCLUDES 600 TONS FOR MAINTAINING ENTRANCES DURING CONSTRUCTION.
- ⑥ FROM CROSS SECTION AVERAGE END AREAS
- ⑦ ESTIMATED AT 0.84 LBS. PER SQ. YD.
- ⑧ INCLUDES 6 TONS FOR LEVEL & WEDGE



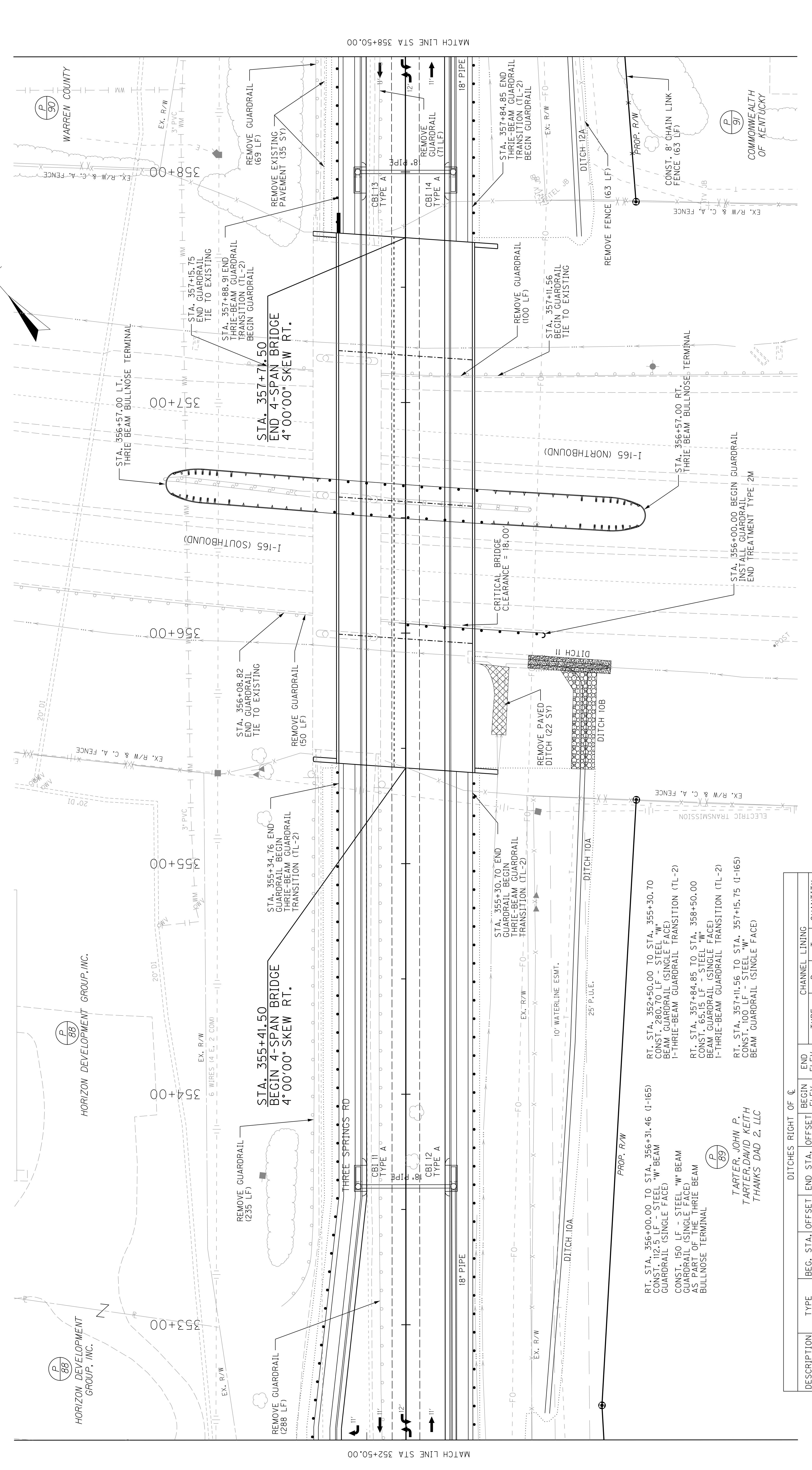


|           |        |          |           |           |    |
|-----------|--------|----------|-----------|-----------|----|
| COUNTY OF | WARREN | ITEM NO. | 3-8818.00 | SHEET NO. | R9 |
|-----------|--------|----------|-----------|-----------|----|

LT. STA. 357+88.91 TO STA. 358+50.00  
 CONST. 280.76 LF STEEL "W"  
 BEAM GUARDRAIL (SINGLE FACE)  
 I-THRIE-BEAM GUARDRAIL TRANSITION (TL-2)

RT. STA. 352+50.00 TO STA. 355+30.70  
 CONST. 280.70 LF STEEL "W"  
 BEAM GUARDRAIL (SINGLE FACE)  
 I-THRIE-BEAM GUARDRAIL TRANSITION (TL-2)

| PAVEMENT TRANSITION LEFT OF C |        |           |               |
|-------------------------------|--------|-----------|---------------|
| BEG. STA.                     | OFFSET | END STA.  | LENGTH        |
| 352+55.00                     | 28.00' | 353+55.00 | 17.00'        |
|                               |        |           | 9:1 EOP TAPER |
|                               |        |           | 100.00'       |



| CONST. STD. CURB & GUTTER & SIDEWALK |                 |             |        |
|--------------------------------------|-----------------|-------------|--------|
| L.T./RT.                             | STA. TO STA.    | 5' SIDEWALK | C&G    |
| LT.                                  | 352+50 - 358+50 | 206 SQ. YD. | 371 LF |
| RT.                                  | 352+50 - 358+50 | 206 SQ. YD. | 370 LF |

| DITCHES RIGHT OF C |               |           |        |          |        |            |          |                |                    |
|--------------------|---------------|-----------|--------|----------|--------|------------|----------|----------------|--------------------|
| DESCRIPTION        | TYPE          | BEG. STA. | OFFSET | END STA. | OFFSET | BEGIN ELEV | END ELEV | CHANNEL LINING | QUANTITY           |
| DITCH 10A          | SPCL. 2' F.B. | 352+61.6  | 61.3'  | 355+41.0 | 76.8'  | 566.19     | 562.29   | ECB            | 1' N/A 310 SQ. YD. |
| DITCH 10B          | SPCL. 2' F.B. | 355+41.0  | 76.8'  | 355+84.7 | 77.7'  | 562.29     | 556.66   | CL. II         | 1' 1.25' 35 TONS   |
| DITCH II           | SPCL. 2' F.B. | 355+85.1  | 89.0'  | 355+87.6 | 53.2'  | 556.69     | 555.95   | PAVED          | 1' 4' 25 SQ. YD.   |
| DITCH 12A          | SPCL. 2' F.B. | 357+71.9  | 75.4'  | 358+50.0 | 71.4'  | 559.25     | 558.27   | ECB            | 1' N/A 35 SQ. YD.  |

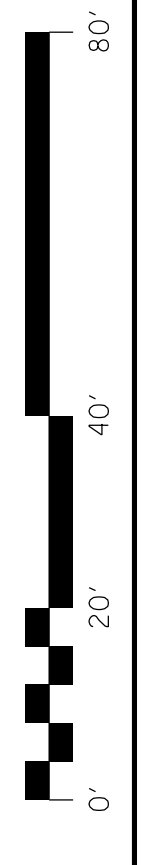
RT. STA. 356+00.00 TO STA. 356+31.46 (I-165)  
 CONST. 112.5 LF STEEL "W" BEAM  
 GUARDRAIL (SINGLE FACE)  
 CONST. 150 LF STEEL "W" BEAM  
 GUARDRAIL (SINGLE FACE)  
 AS PART OF THE THRIE BEAM  
 BULLNOSE TERMINAL

RT. STA. 352+50.00 TO STA. 355+30.70  
 CONST. 280.70 LF STEEL "W"  
 BEAM GUARDRAIL (SINGLE FACE)  
 I-THRIE-BEAM GUARDRAIL TRANSITION (TL-2)

RT. STA. 357+84.85 TO STA. 358+50.00  
 CONST. 65.15 LF STEEL "W"  
 BEAM GUARDRAIL (SINGLE FACE)  
 I-THRIE-BEAM GUARDRAIL TRANSITION (TL-2)

RT. STA. 357+11.56 TO STA. 357+15.75 (I-165)  
 CONST. 100 LF STEEL "W"  
 BEAM GUARDRAIL (SINGLE FACE)

TARTER, JOHN P.  
 TARTER, DAVID KEITH  
 THANKS DAD 2, LLC



SCALE: 1"=20'

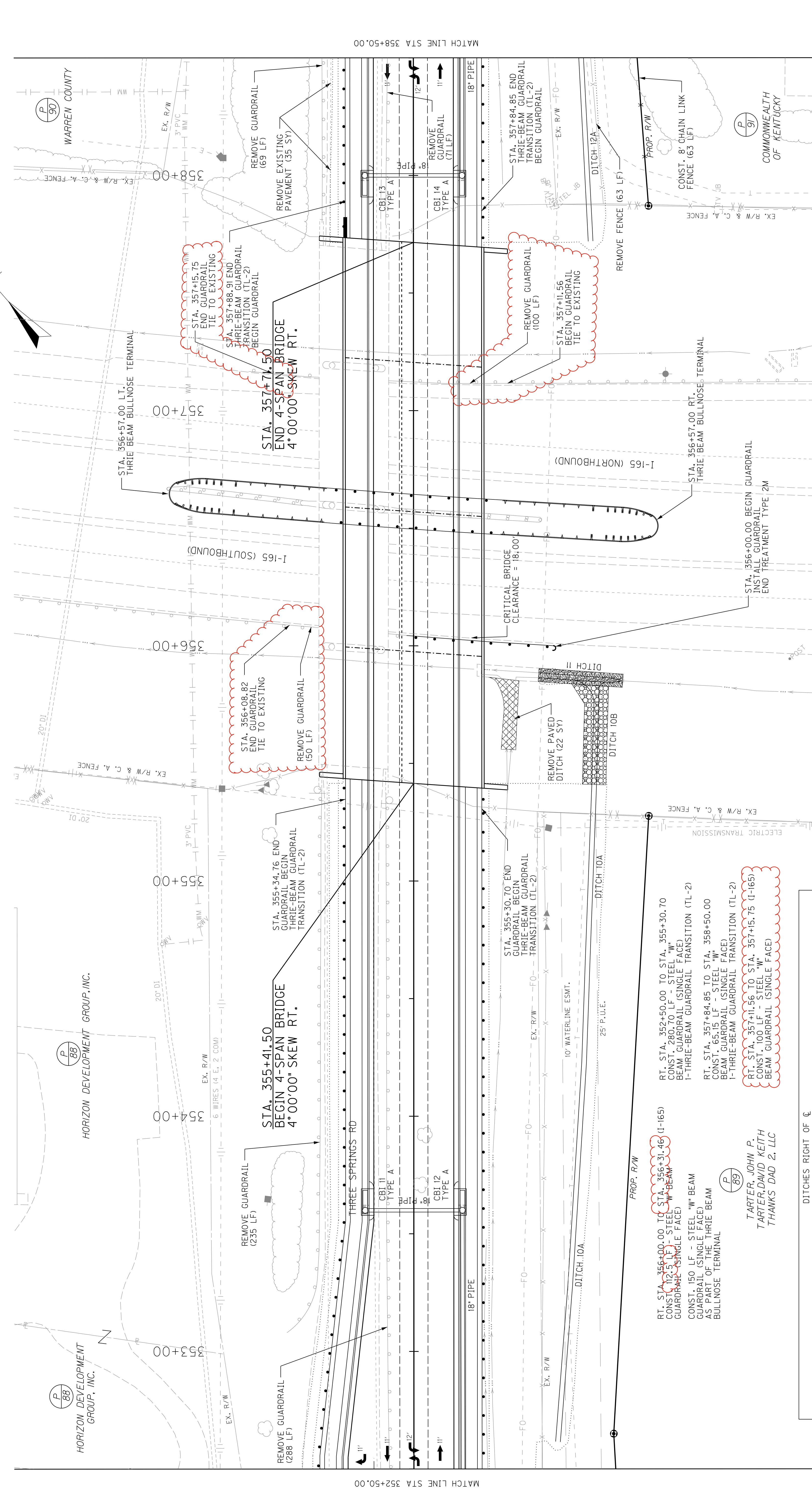
KY 884  
 PLAN SHEET  
 STA. 352+50 TO STA. 358+50

|           |        |          |           |           |    |
|-----------|--------|----------|-----------|-----------|----|
| COUNTY OF | WARREN | ITEM NO. | 3-8818.00 | SHEET NO. | R9 |
|-----------|--------|----------|-----------|-----------|----|

LT. STA. 357+88.91 TO STA. 358+50.00  
 CONST. 280.76 LF STEEL "W"  
 BEAM GUARDRAIL (SINGLE FACE)  
 I-THRIE-BEAM GUARDRAIL TRANSITION (TL-2)

LT. STA. 352+50.00 TO STA. 355+34.76  
 CONST. 280.76 LF STEEL "W"  
 BEAM GUARDRAIL (SINGLE FACE)  
 I-THRIE-BEAM GUARDRAIL TRANSITION (TL-2)

| PAVEMENT TRANSITION LEFT OF C |        |           |         |
|-------------------------------|--------|-----------|---------|
| BEG. STA.                     | OFFSET | END STA.  | LENGTH  |
| 352+55.00                     | 28.00' | 353+55.00 | 17.00'  |
|                               |        | 353+55.00 | 17.00'  |
|                               |        | 353+55.00 | 100.00' |



| DESCRIPTION | TYPE          | BEG. STA. | OFFSET | END STA. | BEGIN ELEV | END ELEV | CHANNEL LINING |        | QUANTITY |       |             |
|-------------|---------------|-----------|--------|----------|------------|----------|----------------|--------|----------|-------|-------------|
|             |               |           |        |          |            |          | D              | T      |          |       |             |
| DITCH 10A   | SPCL. 2' F.B. | 352+61.6  | 61.3'  | 355+41.0 | 76.8'      | 566.19   | 562.29         | ECB    | 1'       | N/A   | 310 SQ. YD. |
| DITCH 10B   | SPCL. 2' F.B. | 355+41.0  | 76.8'  | 355+84.7 | 77.7'      | 562.29   | 556.66         | CL. II | 1'       | 1.25' | 35 TONS     |
| DITCH 11    | SPCL. 2' F.B. | 355+85.1  | 89.0'  | 355+87.6 | 53.2'      | 556.69   | 555.95         | PAVED  | 1'       | 4'    | 25 SQ. YD.  |
| DITCH 12A   | SPCL. 2' F.B. | 357+71.9  | 75.4'  | 358+50.0 | 71.4'      | 559.25   | 558.27         | ECB    | 1'       | N/A   | 35 SQ. YD.  |

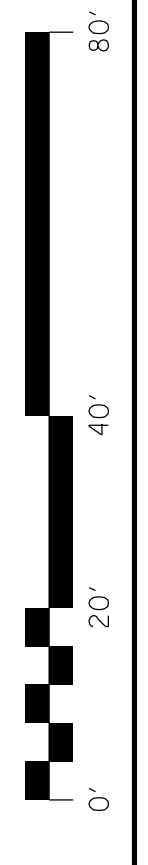
| CONST. STD. CURB & GUTTER & SIDEWALK |                 |             |        |
|--------------------------------------|-----------------|-------------|--------|
| LT./RT.                              | STA. TO STA.    | 5' SIDEWALK | C&G    |
| LT.                                  | 352+50 - 358+50 | 206 SQ. YD. | 371 LF |
| RT.                                  | 352+50 - 358+50 | 206 SQ. YD. | 370 LF |

RT. STA. 352+50.00 TO STA. 355+30.70  
 CONST. 280.70 LF - STEEL "W"  
 BEAM GUARDRAIL (SINGLE FACE)  
 I-THRIE-BEAM GUARDRAIL TRANSITION (TL-2)

RT. STA. 357+84.85 TO STA. 358+50.00  
 CONST. 65.15 LF - STEEL "W"  
 BEAM GUARDRAIL (SINGLE FACE)  
 I-THRIE-BEAM GUARDRAIL TRANSITION (TL-2)

RT. STA. 357+15.75 TO STA. 357+15.75 (I-165)  
 CONST. 100 LF - STEEL "W"  
 BEAM GUARDRAIL (SINGLE FACE)

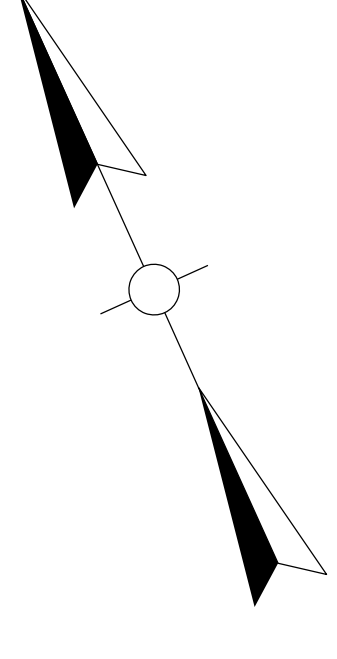
TARTER, JOHN P.  
 TARTER, DAVID KEITH  
 THANKS DAD 2, LLC



SCALE: 1"=20'

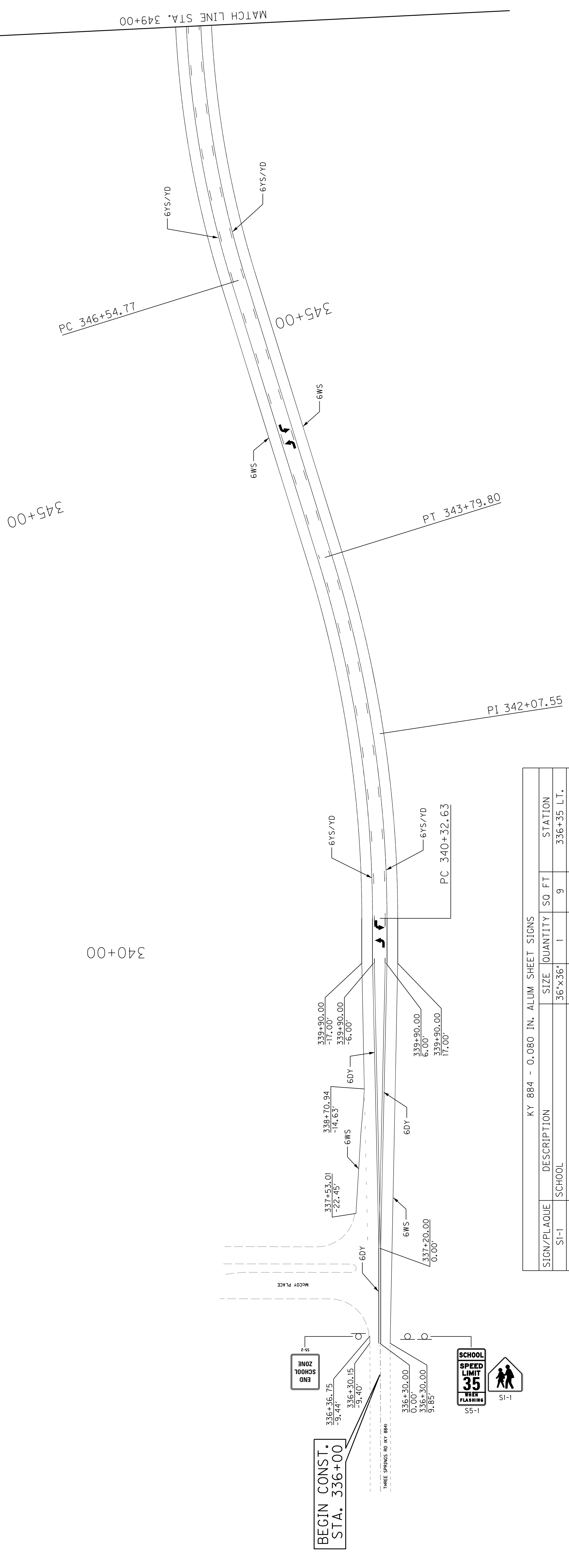
KY 884  
 PLAN SHEET  
 STA. 352+50 TO STA. 358+50

|           |           |           |     |
|-----------|-----------|-----------|-----|
| COUNTY OF | WARREN    | SHEET NO. | R56 |
| ITEM NO.  | 3-8818.00 |           |     |



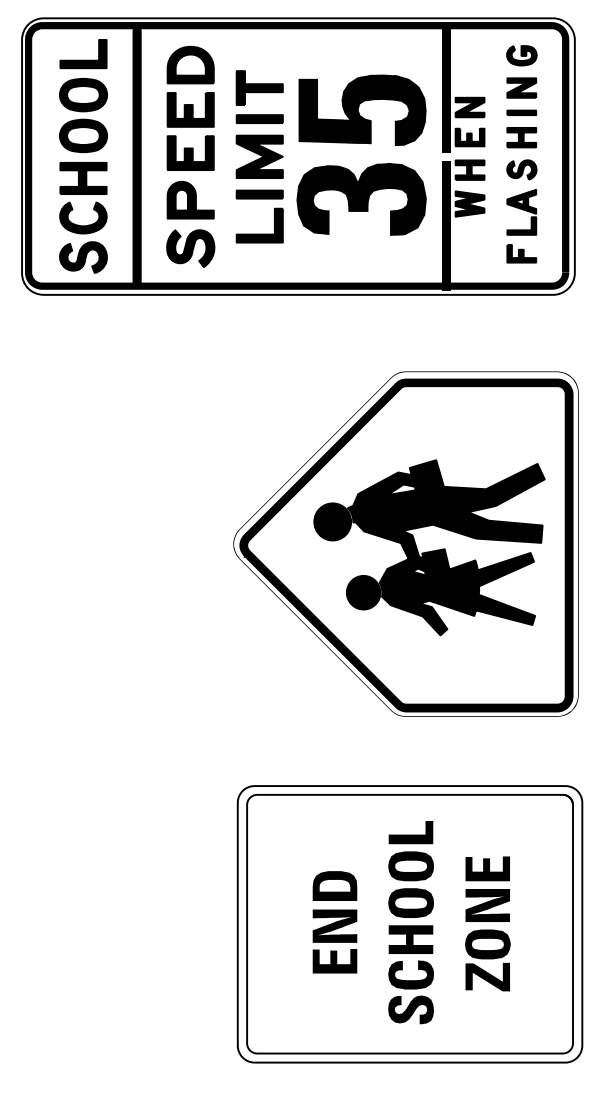
KY 884 STRIPING QUANTITIES

| ABBREV. | DESCRIPTION                      | UNIT | QUANTITY |
|---------|----------------------------------|------|----------|
| 6DY     | 6" YELLOW-DOUBLE (6515)          | LF   | 1,020    |
| 6YS/YD  | 6" YELLOW-SOLID/DASH (6515)      | LF   | 2,275    |
| 6WS     | 6" WHITE-SOLID (6515)            | LF   | 2,424    |
| 6WLE    | 6" WHITE-LANE EXTENSION (6515)   | LF   | 40       |
| XW      | 12" THERMO CROSS WALK (6546)     | LF   | -        |
| SB      | 24" THERMO WHITE STOP BAR (6568) | LF   | -        |
| ↖       | THERMO CURVE ARROW (6574)        | EACH | 4        |
|         | INLAID PAVEMENT MARKER-MW (6610) | EACH | 4        |
|         | INLAID PAVEMENT MARKER-BY (6612) | EACH | 62       |

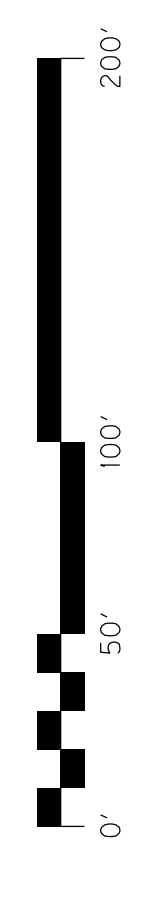


KY 884 - 0.080 IN. ALUM SHEET SIGNS

| SIGN/PLAQUE | DESCRIPTION                      | SIZE    | QUANTITY | SO. FT. | STATION     |
|-------------|----------------------------------|---------|----------|---------|-------------|
| S1-1        | SCHOOL                           | 36"x36" | 1        | 9       | 336+35 L.T. |
| S5-1        | SCHOOL SPEED LIMIT WHEN FLASHING | 24"x48" | 1        | 8       | 336+35 RT.  |
| S5-2        | END SCHOOL ZONE                  | 24"x36" | 1        | 6       | 336+35 RT.  |



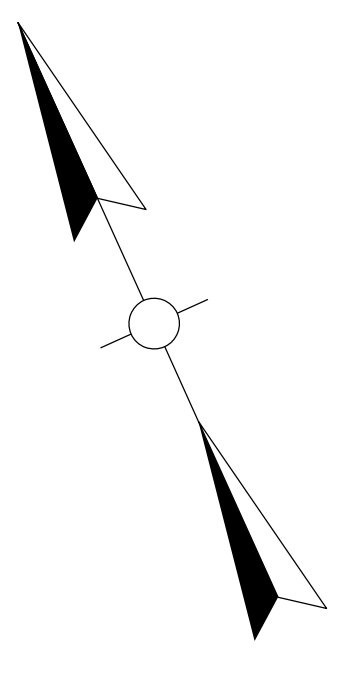
NOTE: TO CURRENT EDITION OF MUTCD FOR LANE ARROW LOCATIONS. REFER TO CURRENT EDITION OF MUTCD FOR LANE ARROW LOCATIONS. STOP BAR LOCATIONS ARE APPROXIMATE.



KY 884  
STRIPING & SIGNING PLAN SHEET  
STA. 336+30 TO STA. 349+00

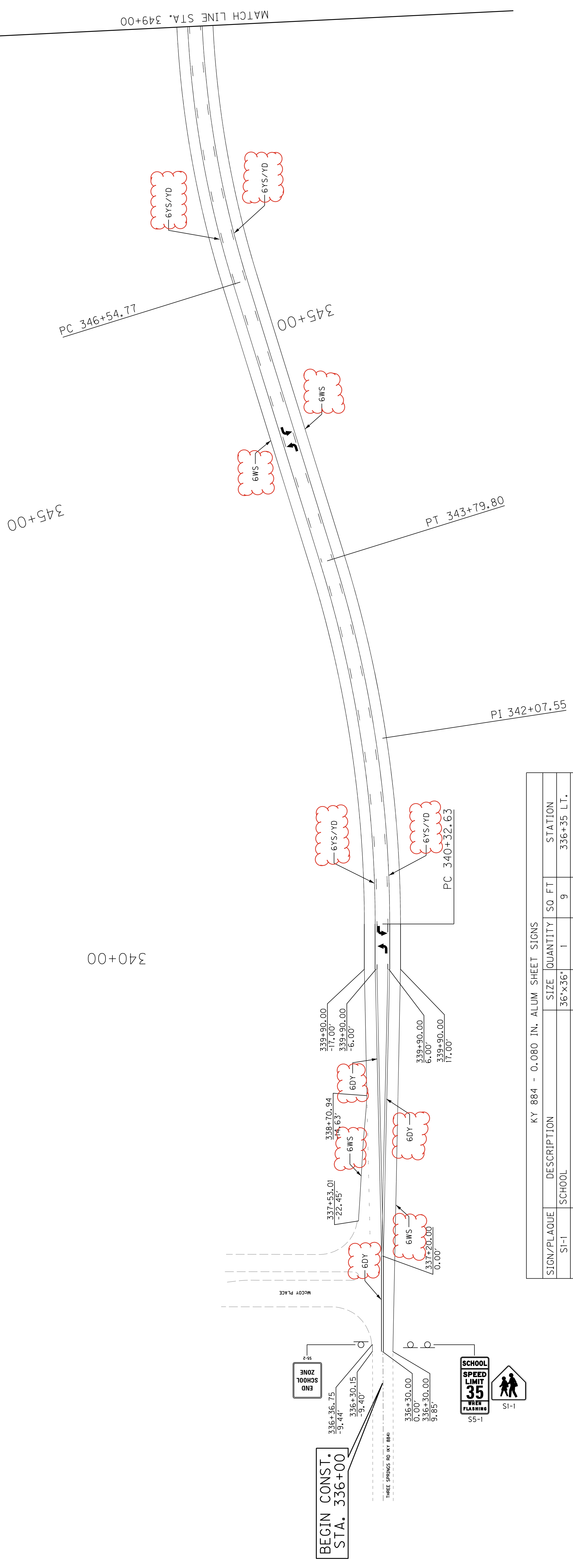
SCALE: 1"=50'

|           |           |           |     |
|-----------|-----------|-----------|-----|
| COUNTY OF | WARREN    | SHEET NO. | R56 |
| ITEM NO.  | 3-8818.00 |           |     |



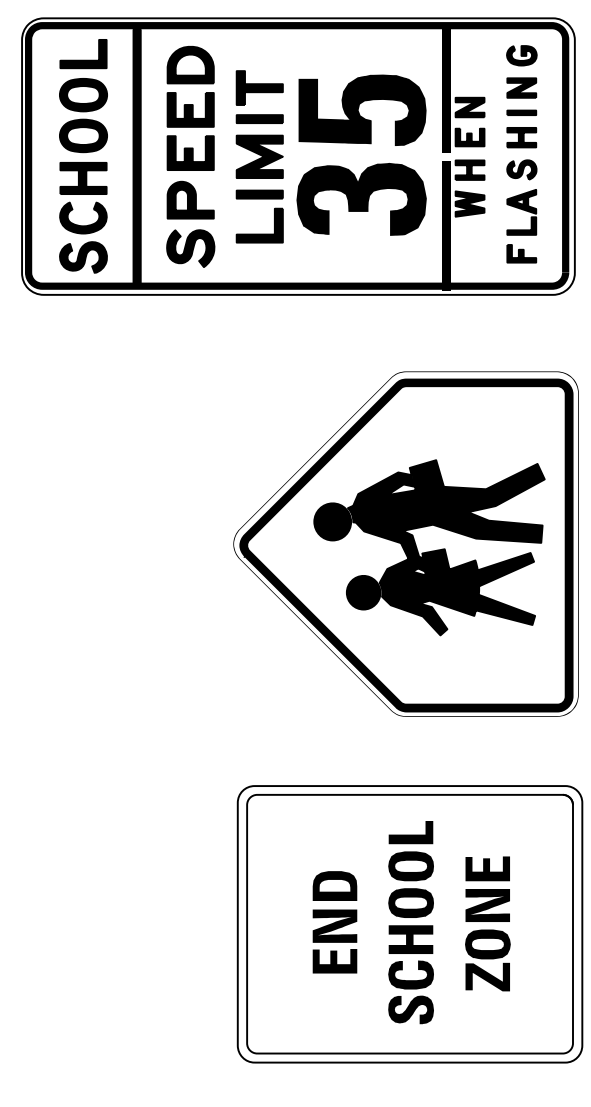
KY 884 STRIPING QUANTITIES

| ABBREV. | DESCRIPTION                      | UNIT | QUANTITY |
|---------|----------------------------------|------|----------|
| 6DY     | 6" YELLOW-DOUBLE (6515)          | LF   | 1,020    |
| 6YS/YD  | 6" YELLOW-SOLID/DASH (6515)      | LF   | 2,275    |
| 6WS     | 6" WHITE-SOLID (6515)            | LF   | 2,424    |
| 6WLE    | 6" WHITE-LANE EXTENSION (6515)   | LF   | 40       |
| XW      | 12" THERMO CROSS WALK (6546)     | LF   | -        |
| SB      | 24" THERMO WHITE STOP BAR (6568) | LF   | -        |
| TA      | THERMO CURVE ARROW (6574)        | EACH | 4        |
| IM      | INLAID PAVEMENT MARKER-MW (6610) | EACH | 4        |
| IB      | INLAID PAVEMENT MARKER-BY (6612) | EACH | 62       |

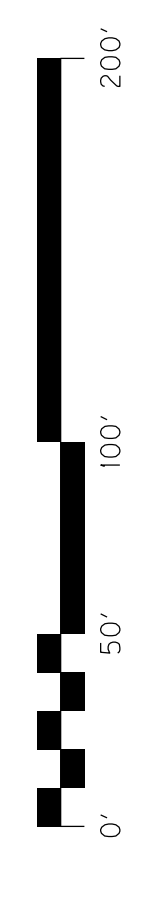


KY 884 - 0.080 IN. ALUM SHEET SIGNS

| SIGN/PLAQUE | DESCRIPTION                      | SIZE    | QUANTITY | SO. FT. | STATION     |
|-------------|----------------------------------|---------|----------|---------|-------------|
| SI-1        | SCHOOL                           | 36"x36" | 1        | 9       | 336+35 L.T. |
| SS-1        | SCHOOL SPEED LIMIT WHEN FLASHING | 24"x48" | 1        | 8       | 336+35 RT.  |
| SS-2        | END SCHOOL ZONE                  | 24"x36" | 1        | 6       | 336+35 RT.  |



NOTE: TO CURRENT EDITION OF MUTCD FOR LANE ARROW LOCATIONS. REFER TO CURRENT EDITION OF MUTCD FOR LANE ARROW LOCATIONS. STOP BAR LOCATIONS ARE APPROXIMATE.



KY 884  
STRIPING & SIGNING PLAN SHEET  
STA. 336+30 TO STA. 349+00

SCALE: 1"=50'

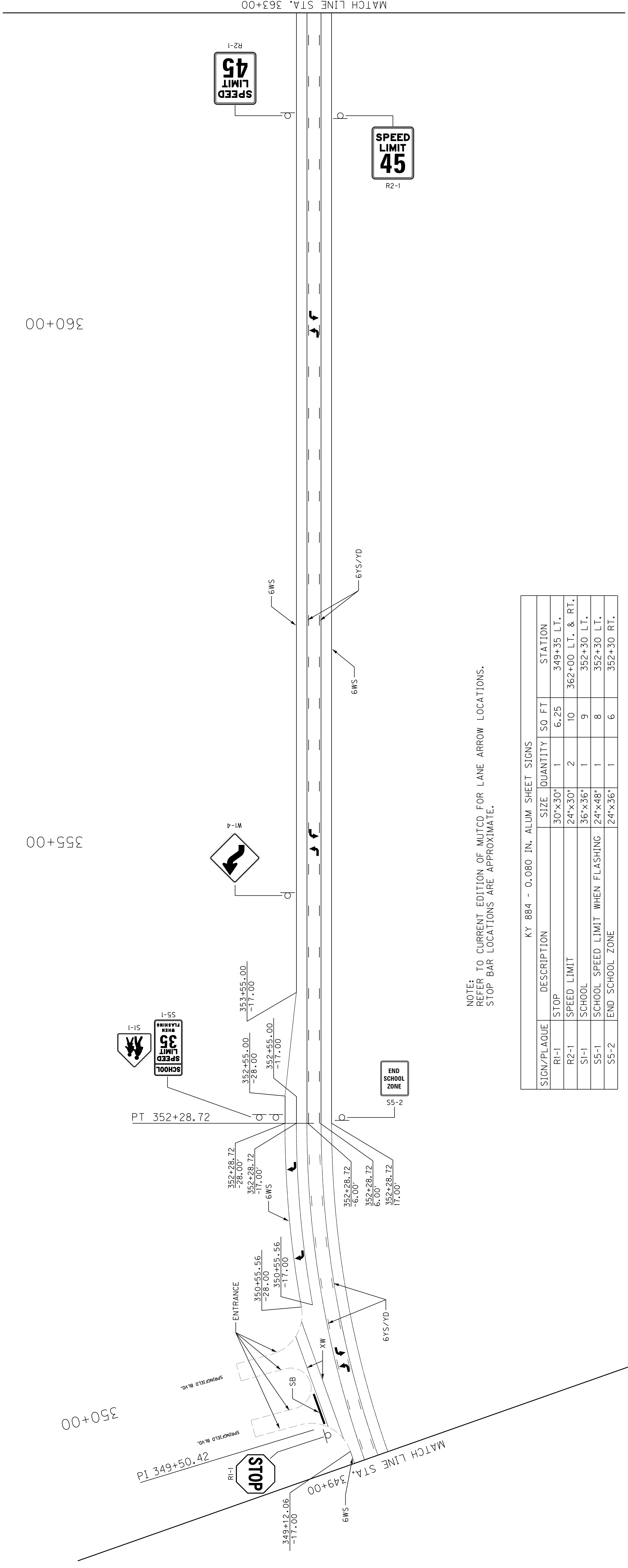
|           |           |
|-----------|-----------|
| COUNTY OF | WARREN    |
| ITEM NO.  | 3-8818.00 |
| SHEET NO. | R57       |

KY 884 STRIPING QUANTITIES

| ABBREVIATION | DESCRIPTION                      | UNIT | QUANTITY |
|--------------|----------------------------------|------|----------|
| 6DY          | 6" YELLOW-DOUBLE (6515)          | LF   | -        |
| 6YS/YD       | 6" YELLOW-SOLID/DASH (6515)      | LF   | 3,750    |
| 6WS          | 6" WHITE-SOLID (6515)            | LF   | 2,859    |
| XW           | 12" THERMO CROSS WALK (6546)     | LF   | 213      |
| SB           | 24" THERMO WHITE STOP BAR (6568) | LF   | 30       |
| ↵            | THERMO CURVE ARROW (6574)        | EACH | 8        |
|              | INLAID PAVEMENT MARKER-MW (6610) | EACH | 5        |
|              | INLAID PAVEMENT MARKER-BY (6612) | EACH | 70       |

350+00

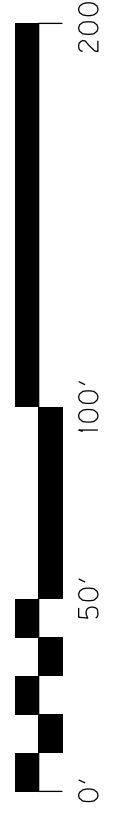
355+00



NOTE:  
REFER TO CURRENT EDITION OF MUTCD FOR LANE ARROW LOCATIONS.  
STOP BAR LOCATIONS ARE APPROXIMATE.

KY 884 - 0.080 IN. ALUM SHEET SIGNS

| SIGN/PLOAQUE | DESCRIPTION                      | SIZE    | QUANTITY | SO FT | STATION          |
|--------------|----------------------------------|---------|----------|-------|------------------|
| R1-1         | STOP                             | 30"x30" | 1        | 6.25  | 349+35 LT.       |
| R2-1         | SPEED LIMIT                      | 24"x30" | 2        | 10    | 362+00 LT. & RT. |
| S1-1         | SCHOOL                           | 36"x36" | 1        | 9     | 352+30 LT.       |
| S5-1         | SCHOOL SPEED LIMIT WHEN FLASHING | 24"x48" | 1        | 8     | 352+30 LT.       |
| S5-2         | END SCHOOL ZONE                  | 24"x36" | 1        | 6     | 352+30 RT.       |

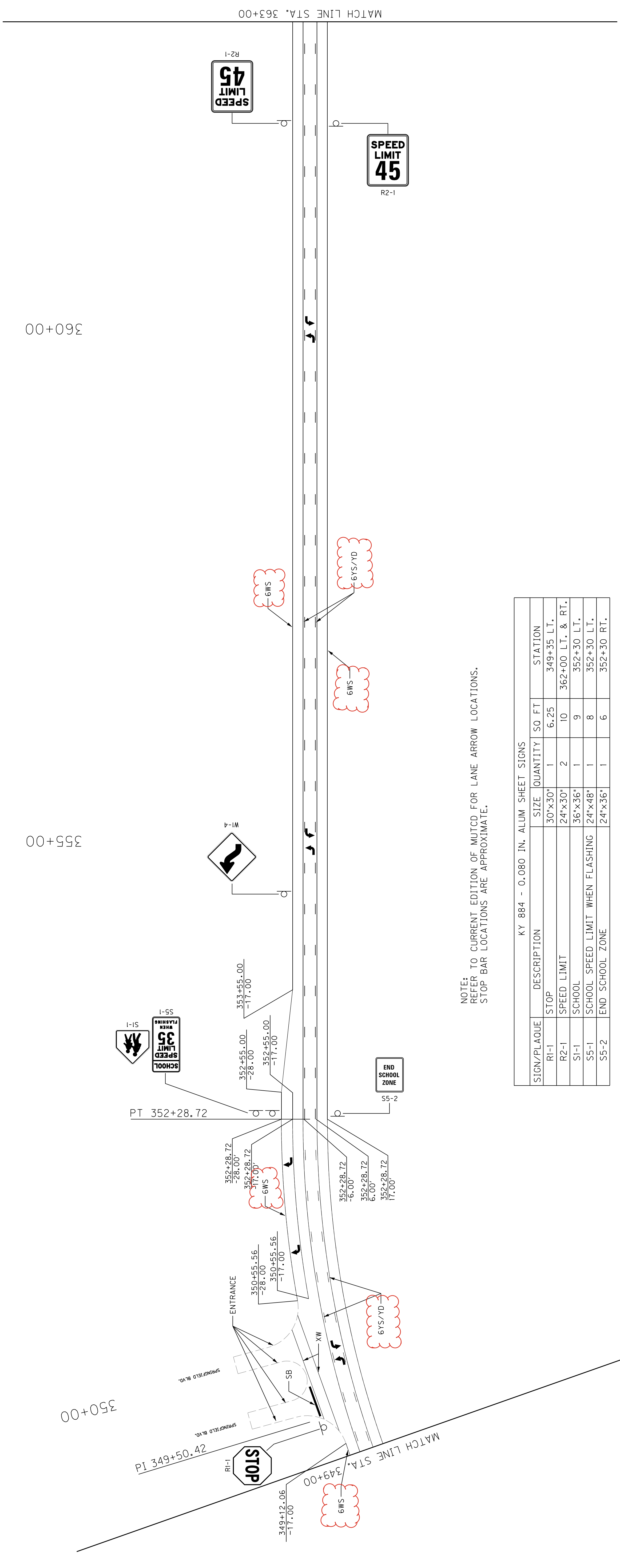


|           |           |
|-----------|-----------|
| COUNTY OF | WARREN    |
| ITEM NO.  | 3-8818.00 |
| SHEET NO. | R57       |

KEY 884 STRIPING QUANTITIES

| ABBREVIATION | DESCRIPTION                      | UNIT | QUANTITY |
|--------------|----------------------------------|------|----------|
| 6DY          | 6" YELLOW-DOUBLE (6515)          | LF   | -        |
| 6YS/YD       | 6" YELLOW-SOLID/DASH (6515)      | LF   | 3,750    |
| 6WS          | 6" WHITE-SOLID (6515)            | LF   | 2,859    |
| XW           | 12" THERMO CROSS WALK (6574b)    | LF   | 213      |
| SB           | 24" THERMO WHITE STOP BAR (6568) | LF   | 30       |
| ↵            | THERMO CURVE ARROW (6574)        | EACH | 8        |
|              | INLAID PAVEMENT MARKER-MW (6610) | EACH | 5        |
|              | INLAID PAVEMENT MARKER-BY (6612) | EACH | 70       |

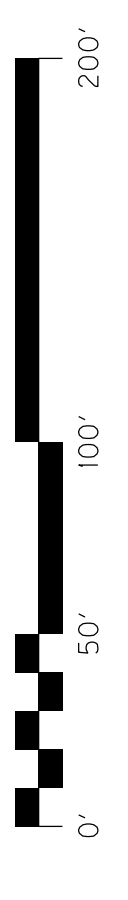
350+00  
355+00  
360+00



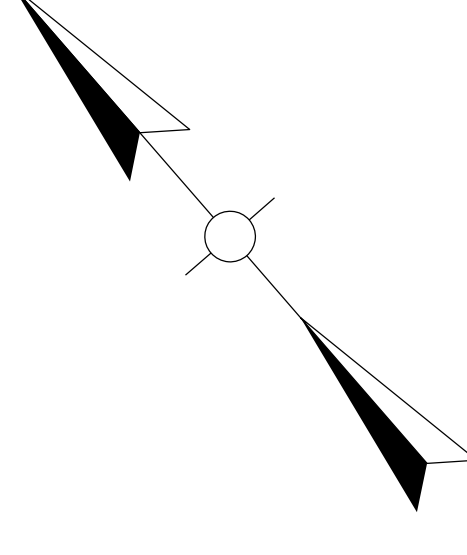
NOTE:  
REFER TO CURRENT EDITION OF MUTCD FOR LANE ARROW LOCATIONS.  
STOP BAR LOCATIONS ARE APPROXIMATE.

KEY 884 - 0.080 IN. ALUM SHEET SIGNS

| SIGN/PLOAQUE | DESCRIPTION                      | SIZE    | QUANTITY | SO FT | STATION           |
|--------------|----------------------------------|---------|----------|-------|-------------------|
| R1-1         | STOP                             | 30"x30" | 1        | 6.25  | 349+35 L.T.       |
| R2-1         | SPEED LIMIT                      | 24"x30" | 2        | 10    | 362+00 L.T. & RT. |
| S1-1         | SCHOOL                           | 36"x36" | 1        | 9     | 352+30 L.T.       |
| S5-1         | SCHOOL SPEED LIMIT WHEN FLASHING | 24"x48" | 1        | 8     | 352+30 L.T.       |
| S5-2         | END SCHOOL ZONE                  | 24"x36" | 1        | 6     | 352+30 RT.        |



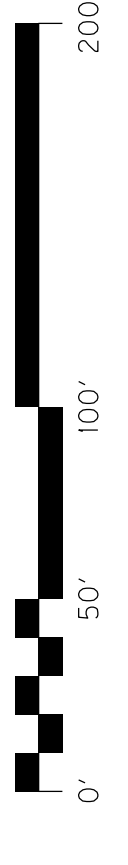
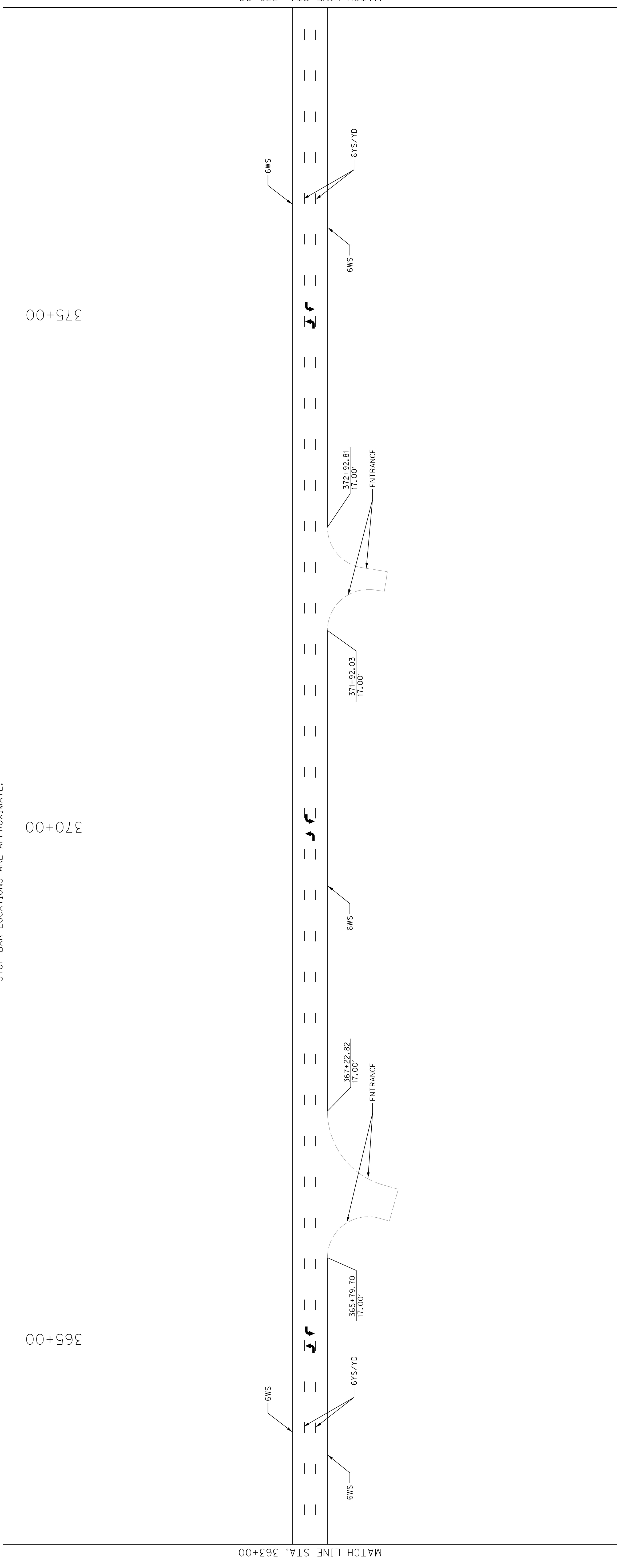
|           |        |          |           |           |     |
|-----------|--------|----------|-----------|-----------|-----|
| COUNTY OF | WARREN | ITEM NO. | 3-8818.00 | SHEET NO. | R58 |
|-----------|--------|----------|-----------|-----------|-----|



KY 884 STRIPING QUANTITIES

| ABBREV. | DESCRIPTION                      | UNIT | QUANTITY |
|---------|----------------------------------|------|----------|
| 6DY     | 6" YELLOW-DOUBLE (6515)          | LF   | -        |
| 6YS/YD  | 6" YELLOW-SOLID/DASH (6515)      | LF   | 3,750    |
| 6WS     | 6" WHITE-SOLID (6515)            | LF   | 2,757    |
| XW      | 12" THERMO CROSS WALK (6546)     | LF   | -        |
| SB      | 24" THERMO WHITE STOP BAR (6568) | LF   | -        |
|         | THERMO CURVE ARROW (6574)        | EACH | 6        |
|         | INLAID PAVEMENT MARKER-MW (6610) | EACH | 5        |
|         | INLAID PAVEMENT MARKER-BY (6612) | EACH | 70       |

NOTE: REFER TO CURRENT EDITION OF MUTCD FOR LANE ARROW LOCATIONS. STOP BAR LOCATIONS ARE APPROXIMATE.



KY 884  
STRIPING PLAN SHEET  
STA. 363+00 TO STA. 378+00

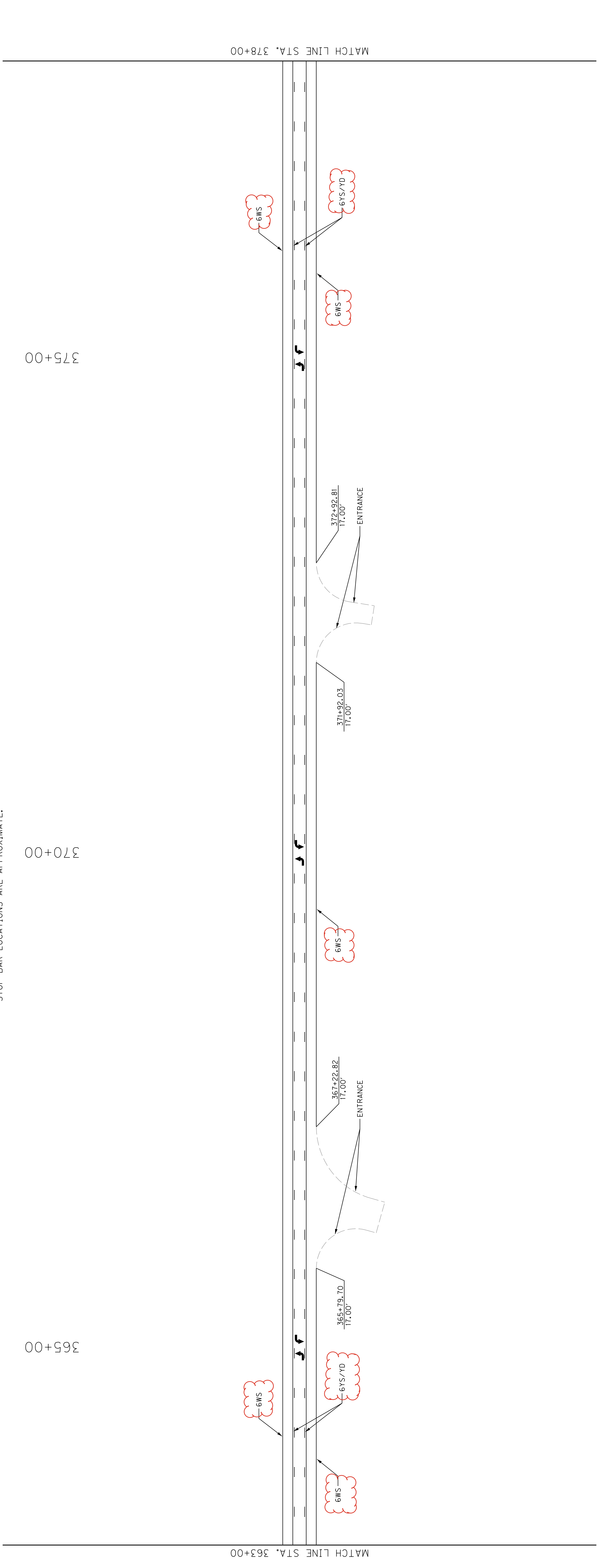
SCALE: 1"=50'

|           |        |          |           |           |     |
|-----------|--------|----------|-----------|-----------|-----|
| COUNTY OF | WARREN | ITEM NO. | 3-8818.00 | SHEET NO. | R58 |
|-----------|--------|----------|-----------|-----------|-----|

KY 884 STRIPING QUANTITIES

| ABBREV. | DESCRIPTION                      | UNIT | QUANTITY |
|---------|----------------------------------|------|----------|
| 6DY     | 6" YELLOW-DOUBLE (6515)          | LF   | -        |
| 6YS/YD  | 6" YELLOW-SOLID/DASH (6515)      | LF   | 3,750    |
| 6WS     | 6" WHITE-SOLID (6515)            | LF   | 2,757    |
| XW      | 12" THERMO CROSS WALK (6546)     | LF   | -        |
| SB      | 24" THERMO WHITE STOP BAR (6568) | LF   | -        |
|         | THERMO CURVE ARROW (6574)        | EACH | 6        |
|         | INLAID PAVEMENT MARKER-MW (6610) | EACH | 5        |
|         | INLAID PAVEMENT MARKER-BY (6612) | EACH | 70       |

NOTE: REFER TO CURRENT EDITION OF MUTCD FOR LANE ARROW LOCATIONS. STOP BAR LOCATIONS ARE APPROXIMATE.



SMALLHOUSE RD STRIPING QUANTITIES

| ABBREV. | DESCRIPTION                                 | UNIT | QUANTITY |
|---------|---------------------------------------------|------|----------|
| 6YD     | 6" YELLOW-DOUBLE (6515)                     | LF   | -        |
| 6YS     | 6" YELLOW-SOLID (6515)                      | LF   | 949      |
| 6YS/YD  | 6" YELLOW-SOLID/DASH (6515)                 | LF   | 2,625    |
| 6WS     | 6" WHITE-SOLID (6515)                       | LF   | 2,845    |
| 12YS    | 12" THERMO CROSS WALK (6546)                | LF   | 200      |
| 12YS    | 12" YELLOW THERMO (6547)                    | LF   | -        |
| SB      | 24" THERMO WHITE STOP BAR (6568)            | LF   | 32       |
| 12WD    | 12" WHITE-DASH (6517)                       | LF   | 39       |
| 36"***  | 36" THERMO YIELD BAR (22520EN)              | LF   | 28       |
| YIELD   | THERMO-YIELD (24114EC)                      | EACH | 2        |
|         | THERMO COMB ARROW (6575)                    | EACH | 4        |
|         | THERMO COMB ARROW - THRU, L, R RNDBT (6575) | EACH | 2        |
|         | THERMO CURVE ARROW (6574)                   | EACH | 6        |
|         | INLAID PAVEMENT MARKER-MW (6610)            | EACH | 4        |
|         | INLAID PAVEMENT MARKER-BY (6612)            | EACH | 53       |

SMALLHOUSE RD STRIPING QUANTITIES

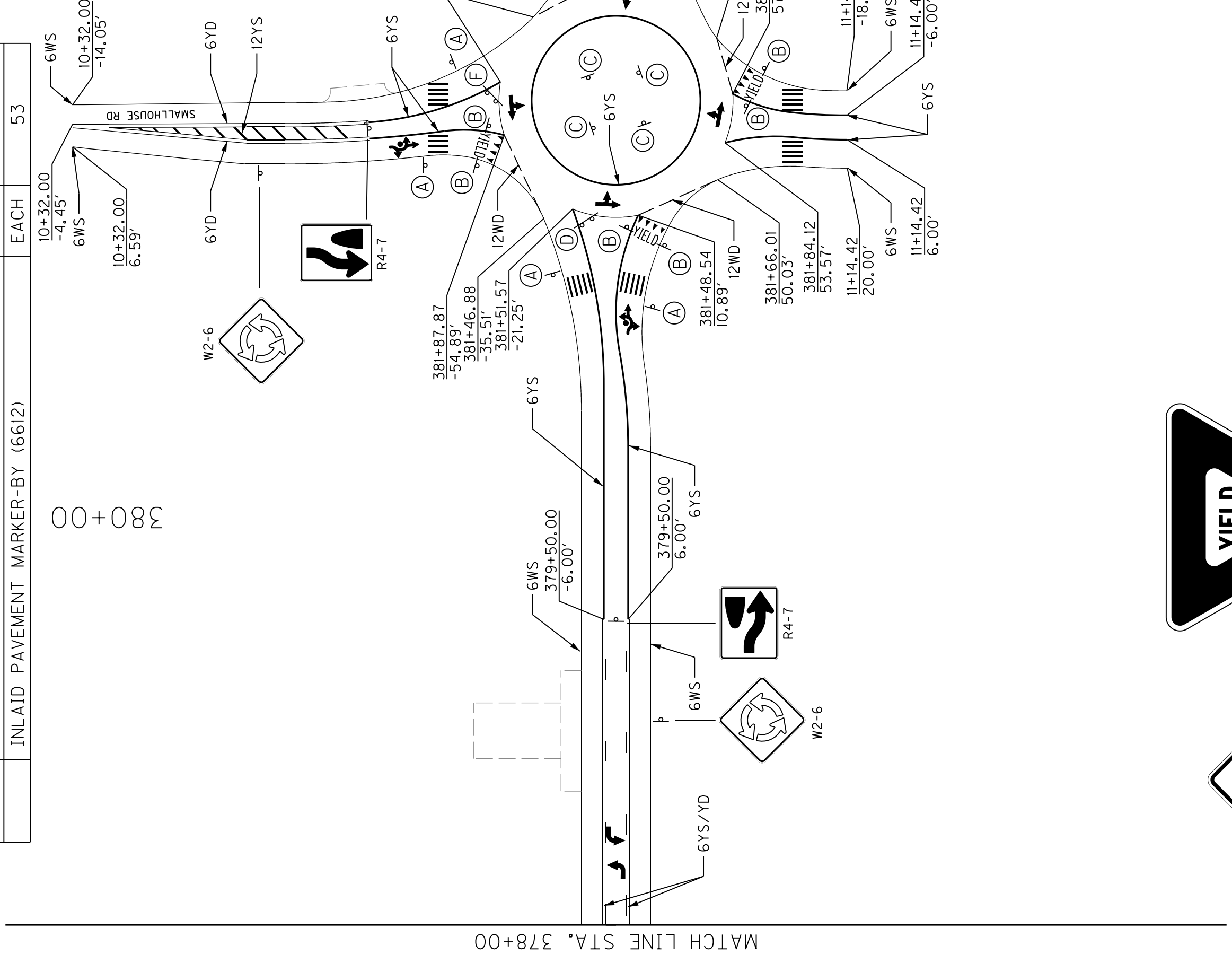
| ABBREV. | DESCRIPTION                                 | UNIT | QUANTITY |
|---------|---------------------------------------------|------|----------|
| 6YD     | 6" YELLOW-DOUBLE (6515)                     | LF   | 550      |
| 6YS     | 6" YELLOW-SOLID (6515)                      | LF   | 135      |
| 6YS/YD  | 6" YELLOW-SOLID/DASH (6515)                 | LF   | -        |
| 6WS     | 6" WHITE-SOLID (6515)                       | LF   | 146      |
| 12YS    | 12" THERMO CROSS WALK (6546)                | LF   | 90       |
| 12YS    | 12" YELLOW THERMO (6547)                    | LF   | 77       |
| SB      | 24" THERMO WHITE STOP BAR (6568)            | LF   | -        |
| 12WD    | 12" WHITE-DASH (6517)                       | LF   | 23       |
| 36"***  | 36" THERMO YIELD BAR (22520EN)              | LF   | 14       |
| YIELD   | THERMO-YIELD (24114EC)                      | EACH | 1        |
|         | THERMO COMB ARROW (6575)                    | EACH | -        |
|         | THERMO COMB ARROW - THRU, L, R RNDBT (6575) | EACH | 1        |
|         | THERMO CURVE ARROW (6574)                   | EACH | -        |
|         | INLAID PAVEMENT MARKER-MW (6610)            | EACH | -        |
|         | INLAID PAVEMENT MARKER-BY (6612)            | EACH | -        |

APP. STA. 382+05 RT, STRIPING QUANTITIES

| ABBREV. | DESCRIPTION                                 | UNIT | QUANTITY |
|---------|---------------------------------------------|------|----------|
| 6YD     | 6" YELLOW-DOUBLE (6515)                     | LF   | -        |
| 6YS     | 6" YELLOW-SOLID (6515)                      | LF   | 119      |
| 6YS/YD  | 6" YELLOW-SOLID/DASH (6515)                 | LF   | -        |
| 6WS     | 6" WHITE-SOLID (6515)                       | LF   | 502      |
| 12YS    | 12" THERMO CROSS WALK (6546)                | LF   | 100      |
| 12YS    | 12" YELLOW THERMO (6547)                    | LF   | -        |
| SB      | 24" THERMO WHITE STOP BAR (6568)            | LF   | -        |
| 12WD    | 12" WHITE-DASH (6517)                       | LF   | 15       |
| 36"***  | 36" THERMO YIELD BAR (22520EN)              | LF   | 14       |
| YIELD   | THERMO-YIELD (24114EC)                      | EACH | 1        |
|         | THERMO COMB ARROW (6575)                    | EACH | -        |
|         | THERMO COMB ARROW - THRU, L, R RNDBT (6575) | EACH | 1        |
|         | THERMO CURVE ARROW (6574)                   | EACH | -        |
|         | INLAID PAVEMENT MARKER-MW (6610)            | EACH | -        |
|         | INLAID PAVEMENT MARKER-BY (6612)            | EACH | -        |

- ① 10' LONG, 30' GAP
- ② 2' LONG, 2' GAP
- ③ TRIANGLE 2' WIDE, 3' LONG, 2' GAP

NOTE:  
REFER TO CURRENT EDITION OF MUTCD FOR LANE ARROW LOCATIONS.  
STOP BAR LOCATIONS ARE APPROXIMATE.



Signs for KY 884:

- W11-2: Pedestrian crossing sign
- W16-7P: Diagonal downward arrow sign
- R1-2: Yield sign
- R6-5P: Roundabout warning sign
- R6-1: One way sign
- OMI-3: Roundabout plaque sign

Signs for KY 884:

- M3-3: South directional sign
- M3-1: North directional sign
- M6-2P: Arrow sign
- M6-2P: Arrow sign

Signs for KY 884:

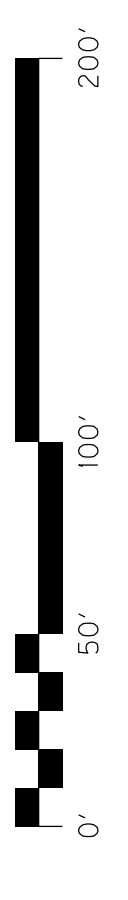
- M3-1: North directional sign
- M6-2P: Arrow sign
- M6-2P: Arrow sign
- DI-1D: Smallhouse Rd sign

Signs for KY 884:

- W2-6: Roundabout plaque sign
- R1-1: Stop sign
- R4-7: Right turn arrow sign

KY 884 - 0.080 IN. ALUM SHEET SIGNS

| SIGN/PLAQUE | DESCRIPTION                       | SIZE        | QUANTITY | SO. FT | STATION                         |
|-------------|-----------------------------------|-------------|----------|--------|---------------------------------|
| DI-1d       | CIRCULAR INTERSECTION DESTINATION | 36"x18"     | 1        | 4.5    | SEE LAYOUT                      |
| MI-5        | STATE ROUTE (3 DIGITS)            | 30"x24"     | 2        | 10     | SEE LAYOUT                      |
| M3-1        | CARDINAL DIRECTION (NORTH)        | 24"x12"     | 1        | 2      | SEE LAYOUT                      |
| M3-3        | CARDINAL DIRECTION (SOUTH)        | 24"x12"     | 1        | 2      | SEE LAYOUT                      |
| M6-2P       | DIRECTIONAL ARROW                 | 21"x15"     | 2        | 4.5    | SEE LAYOUT                      |
| R1-1        | STOP                              | 30"x30"     | 2        | 12.5   | 386+90 LT, 389+15 RT.           |
| R1-2        | YIELD                             | 36"x36"x36" | 8        | 36     | SEE LAYOUT                      |
| R4-7        | KEEP RIGHT                        | 24"x30"     | 3        | 15     | SEE LAYOUT                      |
| R6-1        | ONE WAY                           | 36"x12"     | 4        | 12     | SEE LAYOUT                      |
| OMI-3       | TYPE 1 OBJECT MARKER              | 18"x18"     | 4        | 9      | SEE LAYOUT                      |
| W2-6        | INTERSECTION WARNING (ROUNDABOUT) | 30"x30"     | 3        | 18.75  | 379+00 RT, 385+00 LT, 11+25 RT. |
| R6-5P       | ROUNDABOUT CIRCULATION (PLAQUE)   | 30"x30"     | 8        | 50     | SEE LAYOUT                      |
| W11-2       | PEDESTRIAN                        | 30"x30"     | 6        | 37.5   | SEE LAYOUT                      |
| W16-7P      | DIAGONAL DOWNWARD ARROW           | 21"x15"     | 6        | 13.25  | SEE LAYOUT                      |



SMALLHOUSE RD STRIPING QUANTITIES

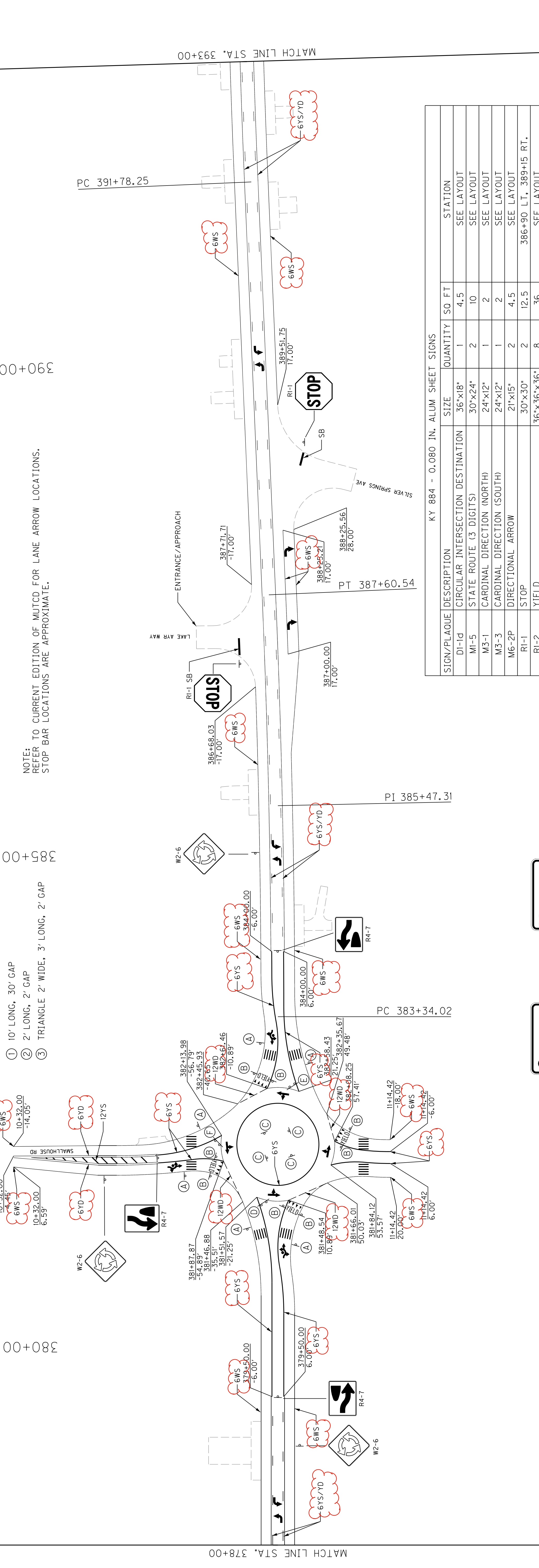
| ABBREV.       | DESCRIPTION                                 | UNIT | QUANTITY |
|---------------|---------------------------------------------|------|----------|
| 6YD           | 6" YELLOW-DOUBLE (6515)                     | LF   | 550      |
| 6YS           | 6" YELLOW-SOLID (6515)                      | LF   | 135      |
| 6YS/YD        | 6" YELLOW-SOLID/DASH (6515)                 | LF   | -        |
| 6WS           | 6" WHITE-SOLID (6515)                       | LF   | 146      |
| 12YS          | 12" THERMO CROSS WALK (6546)                | LF   | 90       |
| 12YS          | 12" YELLOW THERMO (6547)                    | LF   | 77       |
| SB            | 24" THERMO WHITE STOP BAR (6568)            | LF   | -        |
| 12WD          | 12" WHITE-DASH (6517)                       | LF   | 23       |
| 36" YIELD BAR | 36" THERMO YIELD BAR (22520EN)              | LF   | 14       |
| YIELD         | THERMO-YIELD (24114EC)                      | EACH | 1        |
|               | THERMO COMB ARROW (6575)                    | EACH | -        |
|               | THERMO COMB ARROW - THRU, L, R RNDBT (6575) | EACH | -        |
|               | THERMO CURVE ARROW (6574)                   | EACH | -        |
|               | INLAID PAVEMENT MARKER-MW (6610)            | EACH | -        |
|               | INLAID PAVEMENT MARKER-BY (6612)            | EACH | -        |

APP. STA. 382+05 RT, STRIPING QUANTITIES

| ABBREV.       | DESCRIPTION                                 | UNIT | QUANTITY |
|---------------|---------------------------------------------|------|----------|
| 6YD           | 6" YELLOW-DOUBLE (6515)                     | LF   | 119      |
| 6YS           | 6" YELLOW-SOLID (6515)                      | LF   | -        |
| 6YS/YD        | 6" YELLOW-SOLID/DASH (6515)                 | LF   | -        |
| 6WS           | 6" WHITE-SOLID (6515)                       | LF   | 502      |
| 12YS          | 12" THERMO CROSS WALK (6546)                | LF   | 100      |
| 12YS          | 12" YELLOW THERMO (6547)                    | LF   | -        |
| SB            | 24" THERMO WHITE STOP BAR (6568)            | LF   | -        |
| 12WD          | 12" WHITE-DASH (6517)                       | LF   | 15       |
| 36" YIELD BAR | 36" THERMO YIELD BAR (22520EN)              | LF   | 14       |
| YIELD         | THERMO-YIELD (24114EC)                      | EACH | 1        |
|               | THERMO COMB ARROW (6575)                    | EACH | -        |
|               | THERMO COMB ARROW - THRU, L, R RNDBT (6575) | EACH | -        |
|               | THERMO CURVE ARROW (6574)                   | EACH | -        |
|               | INLAID PAVEMENT MARKER-MW (6610)            | EACH | -        |
|               | INLAID PAVEMENT MARKER-BY (6612)            | EACH | -        |

KY 884 STRIPING QUANTITIES

| ABBREV.       | DESCRIPTION                                 | UNIT | QUANTITY |
|---------------|---------------------------------------------|------|----------|
| 6YD           | 6" YELLOW-DOUBLE (6515)                     | LF   | -        |
| 6YS           | 6" YELLOW-SOLID (6515)                      | LF   | 949      |
| 6YS/YD        | 6" YELLOW-SOLID/DASH (6515)                 | LF   | 2,625    |
| 6WS           | 6" WHITE-SOLID (6515)                       | LF   | 2,845    |
| 12YS          | 12" THERMO CROSS WALK (6546)                | LF   | 200      |
| 12YS          | 12" YELLOW THERMO (6547)                    | LF   | -        |
| SB            | 24" THERMO WHITE STOP BAR (6568)            | LF   | 32       |
| 12WD          | 12" WHITE-DASH (6517)                       | LF   | 39       |
| 36" YIELD BAR | 36" THERMO YIELD BAR (22520EN)              | LF   | 28       |
| YIELD         | THERMO-YIELD (24114EC)                      | EACH | 2        |
|               | THERMO COMB ARROW (6575)                    | EACH | 4        |
|               | THERMO COMB ARROW - THRU, L, R RNDBT (6575) | EACH | 2        |
|               | THERMO CURVE ARROW (6574)                   | EACH | 6        |
|               | INLAID PAVEMENT MARKER-MW (6610)            | EACH | 4        |
|               | INLAID PAVEMENT MARKER-BY (6612)            | EACH | 53       |



KY 884 - 0.080 IN. ALUM SHEET SIGNS

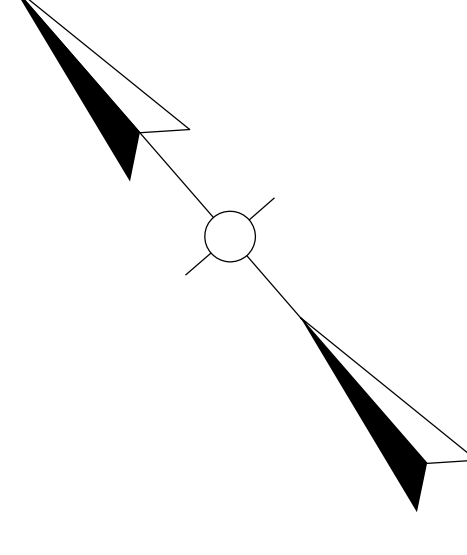
| SIGN/PLAQUE | DESCRIPTION                       | SIZE        | QUANTITY | SO. FT | STATION                           |
|-------------|-----------------------------------|-------------|----------|--------|-----------------------------------|
| DI-1d       | CIRCULAR INTERSECTION DESTINATION | 36"x18"     | 1        | 4.5    | SEE LAYOUT                        |
| MI-5        | STATE ROUTE (3 DIGITS)            | 30"x24"     | 2        | 10     | SEE LAYOUT                        |
| M3-1        | CARDINAL DIRECTION (NORTH)        | 24"x12"     | 1        | 2      | SEE LAYOUT                        |
| M3-3        | CARDINAL DIRECTION (SOUTH)        | 24"x12"     | 1        | 2      | SEE LAYOUT                        |
| M6-2P       | DIRECTIONAL ARROW                 | 21"x15"     | 2        | 4.5    | SEE LAYOUT                        |
| RI-1        | STOP                              | 30"x30"     | 2        | 12.5   | 386+90 LT., 389+15 RT.            |
| RI-2        | YIELD                             | 36"x36"x36" | 8        | 36     | SEE LAYOUT                        |
| R4-7        | KEEP RIGHT                        | 24"x30"     | 3        | 15     | SEE LAYOUT                        |
| R6-1        | ONE WAY                           | 36"x12"     | 4        | 12     | SEE LAYOUT                        |
| OMI-3       | TYPE 1 OBJECT MARKER              | 18"x18"     | 4        | 9      | SEE LAYOUT                        |
| W2-6        | INTERSECTION WARNING (ROUNDABOUT) | 30"x30"     | 3        | 18.75  | 379+00 RT., 385+00 LT., 11+25 RT. |
| R6-5P       | ROUNDABOUT CIRCULATION (PLAQUE)   | 30"x30"     | 8        | 50     | SEE LAYOUT                        |
| W11-2       | PEDESTRIAN                        | 30"x30"     | 6        | 37.5   | SEE LAYOUT                        |
| W16-7P      | DIAGONAL DOWNWARD ARROW           | 21"x15"     | 6        | 13.25  | SEE LAYOUT                        |

OpenRoads Designer v23.00.01.11  
DATE PLOTTED: February 6, 2025  
USER: brelliduncan  
FILE NAME: C:\P\WORK\KRYTC\_BRETT\DUNCAND\1008768\R05900DS.DGN

SCALE: 1"=50'

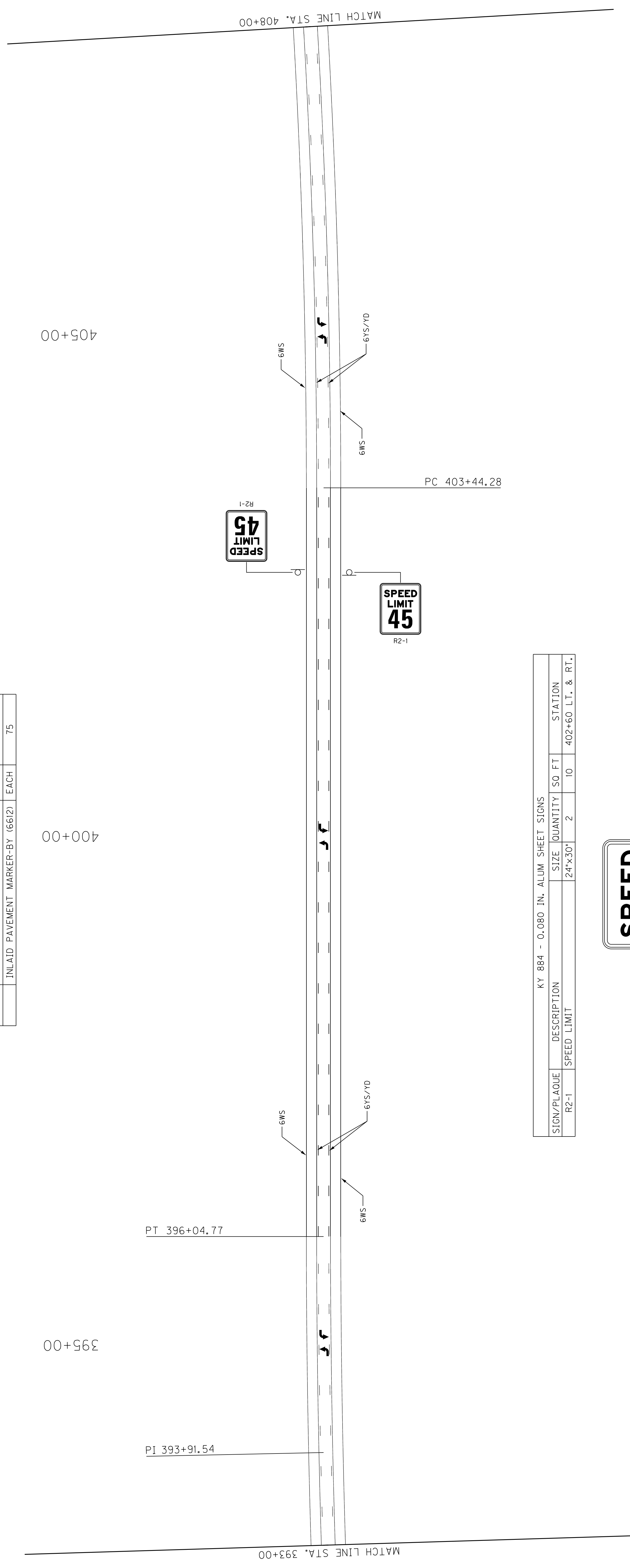
KY 884  
STRIPING PLAN SHEET  
STA. 378+00 TO STA. 393+00

|           |           |           |     |
|-----------|-----------|-----------|-----|
| COUNTY OF | WARREN    | SHEET NO. | R60 |
| ITEM NO.  | 3-8818.00 |           |     |



KY 884 STRIPING QUANTITIES

| ABBREV. | DESCRIPTION                      | UNIT | QUANTITY |
|---------|----------------------------------|------|----------|
| 6DY     | 6" YELLOW-DOUBLE (6515)          | LF   | -        |
| 6YS/YD  | 6" YELLOW-SOLID/DASH (6515)      | LF   | 3,750    |
| 6WS     | 6" WHITE-SOLID (6515)            | LF   | 3,000    |
| XW      | 12" THERMO GROSS WALK (6546)     | LF   | -        |
| SB      | 24" THERMO WHITE STOP BAR (6568) | LF   | -        |
| ↵       | THERMO CURVE ARROW (6574)        | EACH | 6        |
|         | INLAID PAVEMENT MARKER-MW (6610) | EACH | -        |
|         | INLAID PAVEMENT MARKER-BY (6612) | EACH | 75       |

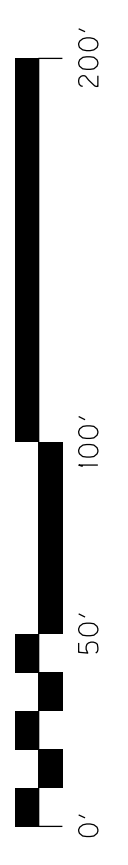


KY 884 - 0.080 IN. ALUM SHEET SIGNS

| SIGN/PLAQUE | DESCRIPTION | SIZE    | QUANTITY | SO FT | STATION           |
|-------------|-------------|---------|----------|-------|-------------------|
| R2-1        | SPEED LIMIT | 24"x30" | 2        | 10    | 402+60 L.T. & RT. |



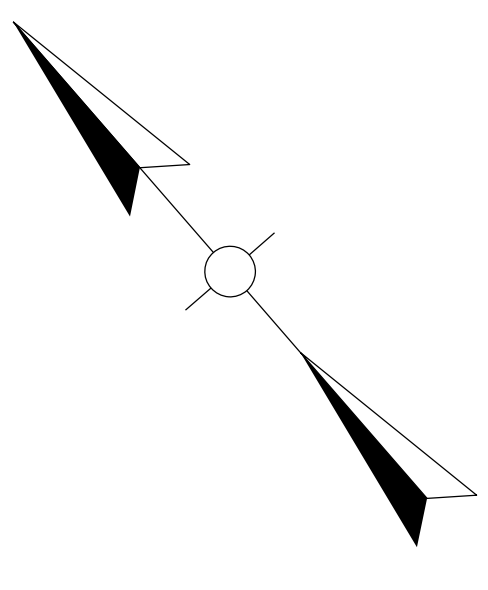
R2-1



KY 884  
STRIPING PLAN SHEET  
STA. 393+00 TO STA. 408+00

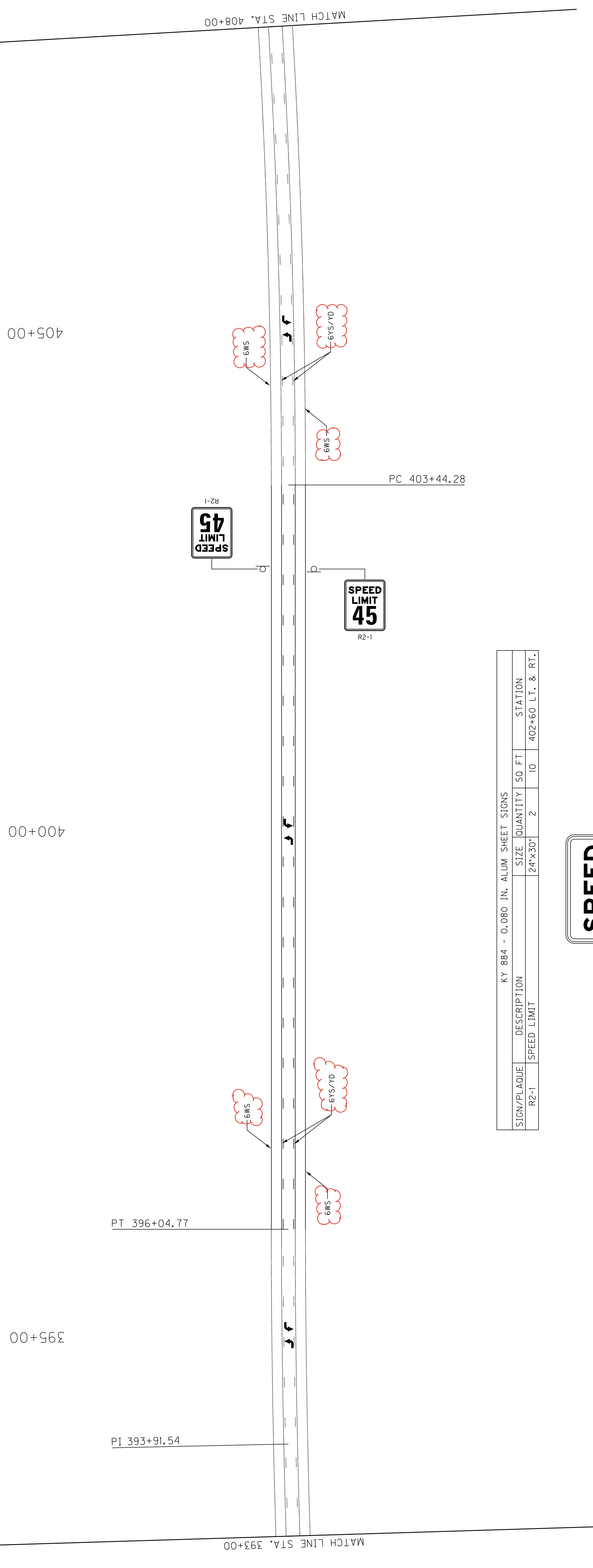
SCALE: 1"=50'

|           |           |           |     |
|-----------|-----------|-----------|-----|
| COUNTY OF | WARREN    | SHEET NO. | R60 |
| ITEM NO.  | 3-8818.00 |           |     |



KY 884 STRIPING QUANTITIES

| ABBREV. | DESCRIPTION                      | UNIT | QUANTITY |
|---------|----------------------------------|------|----------|
| 6DY     | 6" YELLOW-DOUBLE (6515)          | LF   | -        |
| 6YS/YD  | 6" YELLOW-SOLID/DASH (6515)      | LF   | 3,750    |
| 6WS     | 6" WHITE-SOLID (6515)            | LF   | 3,000    |
| XW      | 2" THERMO CROSS WALK (6546)      | LF   | -        |
| SB      | 24" THERMO WHITE STOP BAR (6568) | LF   | -        |
| ↵       | THERMO CURVE ARROW (6574)        | EACH | 6        |
|         | INLAID PAVEMENT MARKER-MW (6610) | EACH | -        |
|         | INLAID PAVEMENT MARKER-BY (6612) | EACH | 75       |

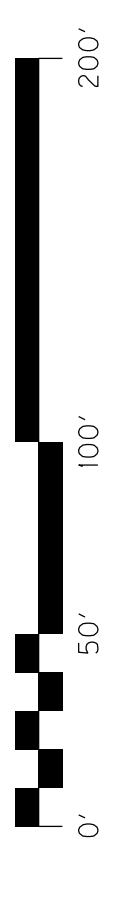


KY 884 - 0.080 IN. ALUM SHEET SIGNS

| SIGN/PLAQUE | DESCRIPTION | SIZE    | QUANTITY | SO FT | STATION           |
|-------------|-------------|---------|----------|-------|-------------------|
| R2-1        | SPEED LIMIT | 24"x30" | 2        | 10    | 402+60 L.T. & RT. |



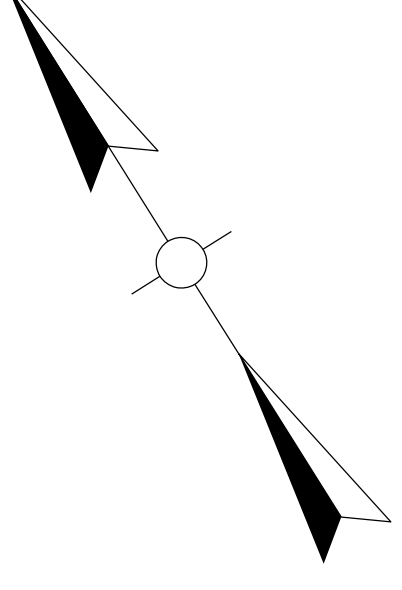
R2-1



KY 884  
STRIPING PLAN SHEET  
STA. 393+00 TO STA. 408+00

SCALE: 1"=50'

|           |        |          |           |           |     |
|-----------|--------|----------|-----------|-----------|-----|
| COUNTY OF | WARREN | ITEM NO. | 3-8818.00 | SHEET NO. | R61 |
|-----------|--------|----------|-----------|-----------|-----|



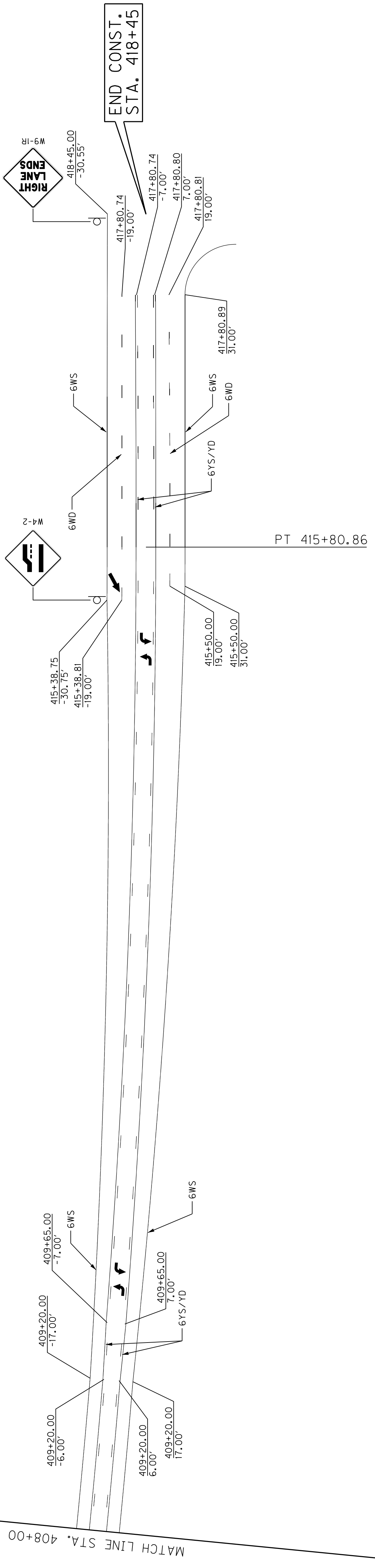
KY 884 STRIPING QUANTITIES

| ABBREV. | DESCRIPTION                      | UNIT | QUANTITY |
|---------|----------------------------------|------|----------|
| 6WD     | 6" WHITE-DASHED (6515)           | LF   | 150      |
| 6YS/YD  | 6" YELLOW-SOLID/DASH (6515)      | LF   | 2,613    |
| 6WS     | 6" WHITE-SOLID (6515)            | LF   | 2,030    |
| XW      | 12" THERMO CROSS WALK (6546)     | LF   | -        |
| SB      | 24" THERMO WHITE STOP BAR (6568) | LF   | -        |
|         | THERMO CURVE ARROW (6574)        | EACH | 4        |
|         | THERMO MERGE ARROW (6578)        | EACH | 1        |
|         | INLAID PAVEMENT MARKER-MW (6610) | EACH | -        |
|         | INLAID PAVEMENT MARKER-BY (6612) | EACH | 49       |

420+00

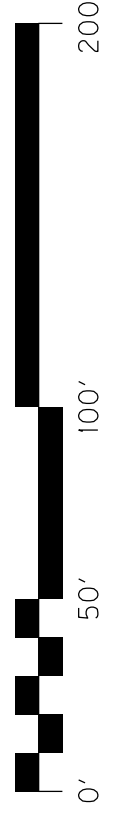
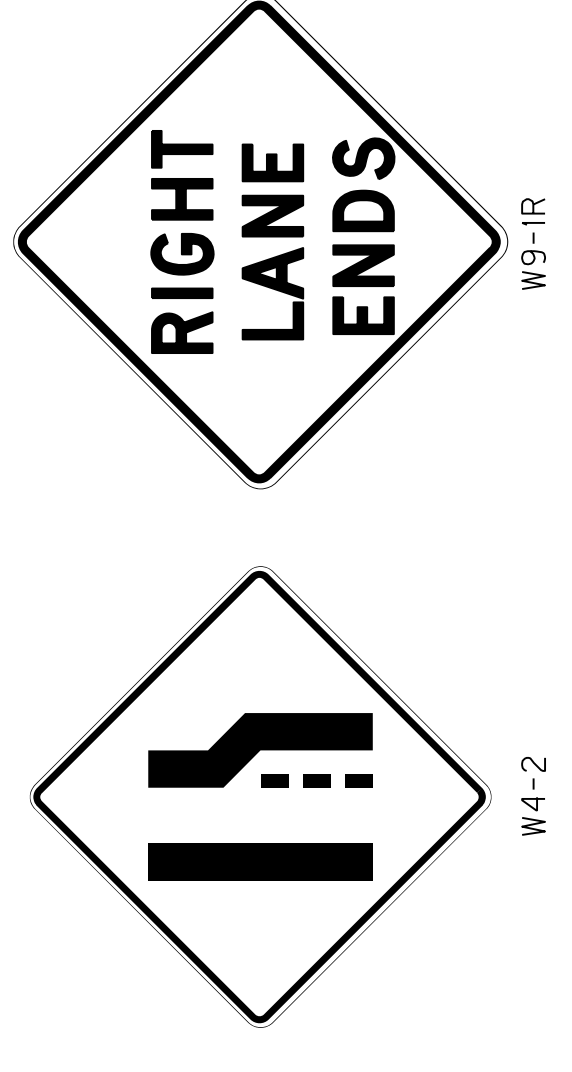
415+00

410+00

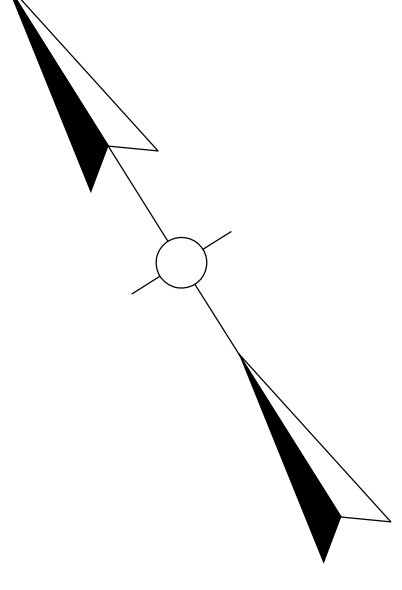


KY 884 - 0.080 IN. ALUM SHEET SIGNS

| SIGN/PLAQUE | DESCRIPTION     | SIZE      | QUANTITY | SO FT | STATION    |
|-------------|-----------------|-----------|----------|-------|------------|
| W4-2        | LANE ENDS       | 36" X 36" | 1        | 9     | 415+40 LT. |
| W9-IR       | RIGHT LANE ENDS | 36" X 36" | 1        | 9     | 418+40 LT. |



|           |        |          |           |           |     |
|-----------|--------|----------|-----------|-----------|-----|
| COUNTY OF | WARREN | ITEM NO. | 3-8818.00 | SHEET NO. | R61 |
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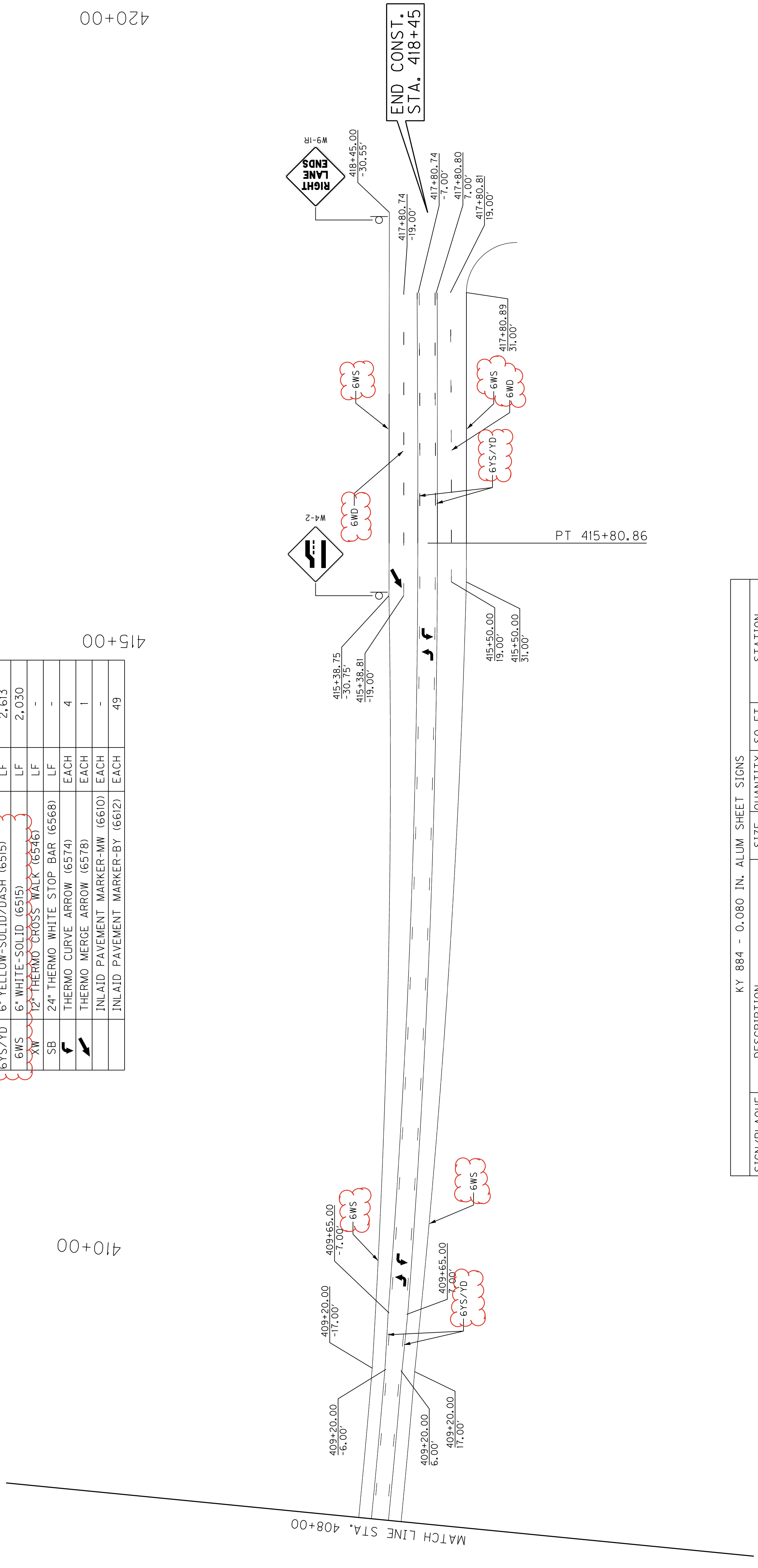
KY 884 STRIPING QUANTITIES

| ABBREV. | DESCRIPTION                      | UNIT | QUANTITY |
|---------|----------------------------------|------|----------|
| 6WD     | 6" WHITE-DASHED (6515)           | LF   | 150      |
| 6YS/YD  | 6" YELLOW-SOLID/DASH (6515)      | LF   | 2,613    |
| 6WS     | 6" WHITE-SOLID (6515)            | LF   | 2,030    |
| XW      | 12" THERMO CROSS WALK (6546)     | LF   | -        |
| SB      | 24" THERMO WHITE STOP BAR (6568) | LF   | -        |
| ↖       | THERMO CURVE ARROW (6574)        | EACH | 4        |
| ↗       | THERMO MERGE ARROW (6578)        | EACH | 1        |
|         | INLAID PAVEMENT MARKER-MW (6610) | EACH | -        |
|         | INLAID PAVEMENT MARKER-BY (6612) | EACH | 49       |

410+00

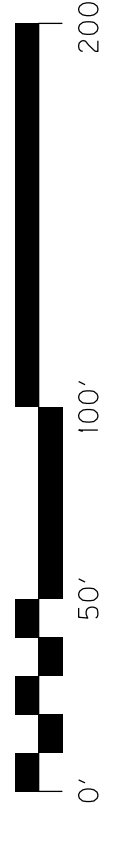
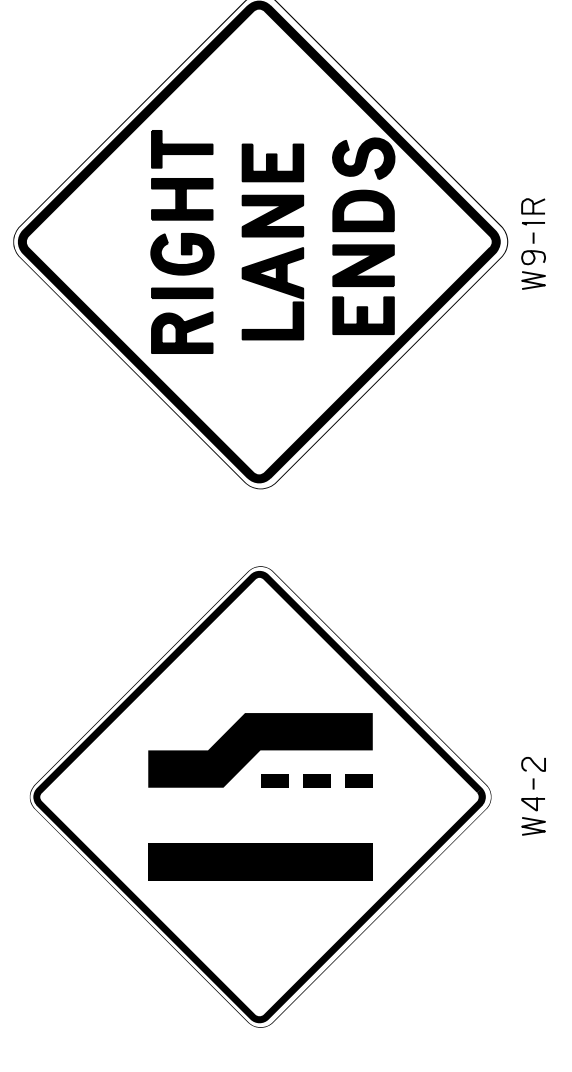
415+00

420+00



KY 884 - 0.080 IN. ALUM SHEET SIGNS

| SIGN/PLAQUE | DESCRIPTION     | SIZE    | QUANTITY | SO FT | STATION    |
|-------------|-----------------|---------|----------|-------|------------|
| W4-2        | LANE ENDS       | 36"X36" | 1        | 9     | 415+40 LT. |
| W9-IR       | RIGHT LANE ENDS | 36"X36" | 1        | 9     | 418+40 LT. |



# I-165 MOT NOTES

BRIDGE OVER INTERSTATE 165 (I-165)

Phase 1:

Set both North Bound and South Bound barrier walls. Traffic will be in middle inside lanes. Work on End Bent 1&2 and outside piers 1&3.

Phase 2:

Relocate barrier wall and put traffic into outside lanes. Construct Center Pier (#2), Finish Par-Tid Bridge, and swap traffic to new bridge.

Now demolish old bridge using nighttime closures (between the hours of 8:00 PM and 6:00 AM. Nighttime closures may be utilized for a period not to exceed 3 weeks.

Then complete center pier of new bridge and install guardrail around it.

Phase 3:

Relocate Wall to put traffic into inside lanes around new finished pier. Finish construction on End Bents 1&2 and outside piers 1&3. Finish all the new bridge. Then remove the wall.

Notes:

Lane and shoulder closures will be required for constructing the piers adjacent to I-165.

Perform lane and shoulder closures according to standard drawing TTC-120 (lane closure multi-lane highway case II). A portable flashing arrow shall be required.

To close shoulders, use standard drawing TTC-135 (shoulder closure) for delineation of open construction areas adjacent to pavement. Drums may be required by the engineer regardless of the time of the shoulder closure.

When the piers are constructed, the contractor shall set the beams that cross over I-165 traffic. During installation of these bridge beams, traffic may be halted for a maximum of 20 minutes using rolling road blocks. After the 20 minute period traffic shall be allowed to reach a free flow condition before another 20 minute closure period is allowed.

The 20 minute traffic closures are to be permitted only during the hours between 8:00 PM and 6:00 AM.

Prior to halting traffic, the contractor shall obtain approval from the engineer that all necessary personnel, equipment, and materials are ready to complete the work within the 20 minute time period.

The procedure and location for stopping traffic shall be under the direction of a uniformed law enforcement officer.

| COUNTY OF | ITEM NO.  | SHEET NO. |
|-----------|-----------|-----------|
| WARREN    | 3-8818.00 | R72A      |

FILE NAME: C:\P\WORK\K\K\TTC\_BRETT\DVNCAMD\1008768\R0720AMT.DGN

USER: brett.duncan  
DATE PLOTTED: November 8, 2019

E-SHEET NAME:  
OpenRoads Designer v23.00.01.11

# I-165 MOT NOTES

BRIDGE OVER INTERSTATE 165 (I-165)

**Phase 1:**

Set both North Bound and South Bound barrier walls. Traffic will be in middle inside lanes. Work on End Bent 1&2 and outside piers 1&3.

**Phase 2:**

Relocate barrier wall and put traffic into outside lanes. Construct Center Pier (#2), Finish Par-Tid Bridge, and swap traffic to new bridge.

Now demolish old bridge using nighttime closures (between the hours of 8:00 PM and 6:00 AM. Nighttime closures may be utilized for a period not to exceed 3 weeks.

Then complete center pier of new bridge and install guardrail around it.

**Phase 3:**

Relocate Wall to put traffic into inside lanes around new finished pier. Finish construction on End Bents 1&2 and outside piers 1&3. Finish all the new bridge. Then remove the wall.

**Notes:**

Lane and shoulder closures will be required for constructing the piers adjacent to I-165.

Perform lane and shoulder closures according to standard drawing TTC-120 (lane closure multi-lane highway case II). A portable flashing arrow shall be required.

To close shoulders, use standard drawing TTC-135 (shoulder closure) for delineation of open construction areas adjacent to pavement. Drums may be required by the engineer regardless of the time of the shoulder closure.

When the piers are constructed, the contractor shall set the beams that cross over I-165 traffic. During installation of these bridge beams, traffic may be halted for a maximum of 20 minutes using rolling road blocks. After the 20 minute period traffic shall be allowed to reach a free flow condition before another 20 minute closure period is allowed.

The 20 minute traffic closures are to be permitted only during the hours between 8:00 PM and 6:00 AM.

Prior to halting traffic, the contractor shall obtain approval from the engineer that all necessary personnel, equipment, and materials are ready to complete the work within the 20 minute time period.

The procedure and location for stopping traffic shall be under the direction of a uniformed law enforcement officer.

| COUNTY OF | ITEM NO.  | SHEET NO. |
|-----------|-----------|-----------|
| WARREN    | 3-8818.00 | R72A      |