



**TRANSPORTATION CABINET**

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

**Steven L. Beshear**  
Governor

**Michael W. Hancock, P.E.**  
Secretary

October 19, 2015

CALL NO. 305  
CONTRACT ID NO. 151264  
ADDENDUM # 1

Subject: Todd County, FD04 SPP 110 0181 012-013  
Letting October 23, 2015

- (1) Revised - Plan Sheets - R2C, R2F, R2G, R3, R6, R9, R33, R34, R35,  
R36, R36A, R37, R38, R39, & R40
- (2) Revised - Bid Items - Pages 224-228 of 228

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

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

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

Sincerely,

A handwritten signature in cursive script that reads "Rachel Mills".

Rachel Mills, P.E.  
Director  
Division of Construction Procurement

RM:ks  
Enclosures



An Equal Opportunity Employer M/F/D











|           |           |           |
|-----------|-----------|-----------|
| COUNTY OF | ITEM NO.  | SHEET NO. |
| TODD      | 3-8401.00 | R2g       |

165 BEFORE YOU DIG

THE CONTRACTOR IS INSTRUCTED TO CALL 1-800-752-6007 TO REACH KY 811, THE ONE-CALL SYSTEM FOR INFORMATION ON THE LOCATION OF EXISTING UNDERGROUND UTILITIES. THE CALL IS TO BE PLACED A MINIMUM OF TWO (2) AND NO MORE THAN TEN (10) BUSINESS DAYS PRIOR TO EXCAVATION. THE CONTRACTOR SHOULD BE AWARE THAT OWNERS OF UNDERGROUND FACILITIES ARE NOT REQUIRED TO BE MEMBERS OF THE KY 811 ONE-CALL BEFORE-U-DIG (BUD) SERVICE. THE CONTRACTOR MUST COORDINATE EXCAVATION WITH THE UTILITY OWNERS, INCLUDING THOSE WHOM DO NOT SUBSCRIBE TO KY 811. IT MAY BE NECESSARY FOR THE CONTRACTOR TO CONTACT THE COUNTY COURT CLERK TO DETERMINE WHAT UTILITY COMPANIES HAVE FACILITIES IN THE AREA.

190 DEPARTMENT OF THE ARMY PERMIT AND WATER QUALITY CERTIFICATION APPROVALS

A DEPARTMENT OF THE ARMY (DA) PERMIT, WHICH MAY REQUIRE APPROVAL OF A STATE WATER QUALITY CERTIFICATION FROM THE KENTUCKY DIVISION OF WATER, REGULATES THIS PROJECT AT ONE OR MORE LOCATIONS. PERFORM ALL APPLICABLE WORK IN COMPLIANCE WITH THE CONDITIONS STATED IN THE DA PERMIT AND THE APPROVED WATER QUALITY CERTIFICATION. POST A COPY OF THE DA PERMIT AND THE WATER QUALITY CERTIFICATION IN A CONSPICUOUS PLACE AT THE PROJECT SITE. IF A DA PERMIT OR WATER QUALITY CERTIFICATION APPROVAL IS PENDING, DO NOT WORK IN OR DISTURB THE DESIGNATED AREA(S) UNTIL OBTAINING THE APPROPRIATE APPROVAL(S). REFER TO NOTICE(S) CONTAINED IN THE CONTRACT BID PROPOSAL FOR DESIGNATED AREA(S) WHERE WORK IS PROHIBITED BY THE ABSENCE OF APPROVAL.

448 COMPACTION OF ASPHALT MIXTURES

WILL ACCEPT THE COMPACTION OF ASPHALT MIXTURES FURNISHED ON THIS PROJECT BY OPTION B ACCORDING TO SUBSECTIONS 402.03.02 AND 403.03.10 OF THE STANDARD SPECIFICATIONS

455 EDGE KEY

THIS WORK INCLUDES CUTTING OUT THE EXISTING ASPHALT SURFACE TO A MINIMUM DEPTH AND WIDTH AS DETAILED ELSEWHERE IN THE PLANS SO THAT THE NEW SURFACE MAY HEEL INTO THE EXISTING SURFACE. THE CONTRACT UNIT PRICE BID LINEAR FOOT (PER METER) FOR "EDGE KEY" INCLUDES ALL NECESSARY MATERIALS, LABOR AND EQUIPMENT NECESSARY TO PERFORM THE WORK AND DISPOSE OF THE REMOVED ASPHALT MATERIAL.

650 STANDARD DRAWINGS

STANDARD DRAWINGS ARE NOT ATTACHED TO THESE PLANS. A STANDARD DRAWING BOOK AND THE HEADWALL SUPPLEMENTAL BOOK MAY BE OBTAINED FROM THE POLICY SUPPORT BRANCH OF THE DEPARTMENT OF ADMINISTRATIVE SERVICES IN FRANKFORT, KY. AT (502) 564-4610.

DISTURBANCE OF CANOPY BRACING

LOCATIONS EXIST WHERE CANOPY SUPPORT POLES ARE LOCATED WITHIN THE SIDEWALKS. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS SO AS NOT TO DISTURB THE FOOTING SUPPORTING THESE POLES OR THE SOIL UPON WHICH THEY BEAR. IF DISTURBANCE IS UNAVOIDABLE, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A TEMPORARY SUPPORT SYSTEM FOR THE CANOPY. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE TO THE CANOPY, SUPPORT POLES, FOUNDATIONS AND NECESSARY REPAIRS RESULTING FROM HIS/HER WORK. THE COST ASSOCIATED WITH THIS WORK SHALL BE INCIDENTAL TO SIDEWALK-4 IN CONCRETE.

GUARDRAIL END TREATMENT TYPE 1

CONTRARY TO KYTC STANDARD DRAWING RBR-020-05 THE GUARDRAIL END TREATMENT ET-PLUS MANUFACTURED BY TRINITY INDUSTRIES WILL NOT BE PERMITTED AS AN OPTION FOR BID ITEM "GUARDRAIL END TREATMENT TYPE 1".

SPECIAL PROVISIONS

SPECIAL NOTE 11F FOR TURF REINFORCING MAT

SPECIAL NOTE FOR BACKFILL OF DRAINAGE STRUCTURES ADJACENT TO THE ROADWAY AND SIDEWALK

CONTRARY TO SECTION 603 OF THE STANDARD SPECIFICATIONS, ALL DRAINAGE STRUCTURES THAT ARE TO BE CONSTRUCTED ADJACENT TO THE ROADWAY, CURB OR SIDEWALK SHALL BE BACKFILLED WITH CRUSHED AGGREGATE NO. 57 WRAPPED WITH GEOTEXTILE FABRIC. PAYMENT FOR THE CRUSHED AGGREGATE NO. 57 AND THE GEOTEXTILE FABRIC FOR THIS BACKFILL REQUIREMENT WILL BE CONSIDERED INCIDENTAL TO THE DRAINAGE STRUCTURES INSTALLED ON THE CONTRACT.

SPECIAL NOTE FOR BARCODE LABEL FOR PERMANENT SIGNS

1.0 DESCRIPTION

INSTALL BARCODE LABEL ON SIGN AS SPECIFIED IN THE CONTRACT. SECTION REFERENCES HEREIN ARE TO DEPARTMENTS 2012 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

2.0 MATERIALS

THE DEPARTMENT WILL PROVIDE THE CONTRACTOR WITH A 2 INCH X 1 INCH FOIL BARCODE LABEL FOR EACH PERMANENT SIGN. A UNIQUE NUMBER WILL BE ASSIGNED TO EACH BARCODE LABEL. THE CONTRACTOR SHALL CONTACT THE OPERATIONS AND PAVEMENT MANAGEMENT BRANCH IN THE DIVISION OF MAINTENANCE AT (502) 564-4556 TO OBTAIN THE BARCODE LABELS.

3.0 CONSTRUCTION

APPLY FOIL BARCODE LABEL IN LOWER RIGHT QUADRANT OF THE SIGN BACK. SIGNS WHERE THE BOTTOM EDGE IS NOT PARALLEL TO THE GROUND, THE LOWEST CORNER OF THE SIGN SHALL SERVE AS THE LOCATION TO PLACE THE BARCODE LABEL. THE BARCODE LABEL SHALL BE PLACED NO LESS THAN ONE-INCH AND NO MORE THAN THREE INCHES FROM ANY EDGE OF THE SIGN. THE BARCODE MUST BE PLACED SO THAT THE SIGN POST DOES NOT COVER THE BARCODE LABEL.

BARCODES SHALL BE APPLIED IN AN INDOOR SETTING WITH A MINIMUM AIR TEMPERATURE OF 50°F OR HIGHER. PRIOR TO APPLICATION OF THE BARCODE LABEL, THE BACK OF THE SIGN MUST BE CLEAN AND FREE OF DUST, OIL, ETC. IF THE SIGN IS NOT CLEAN, AN ALCOHOL SWAB SHALL BE USED TO CLEAN THE AREA. THE AREA MUST BE ALLOWED TO DRY PRIOR TO PLACEMENT OF THE BARCODE LABEL.

DATA FOR EACH SIGN SHALL INCLUDE THE BARCODE NUMBER, MUTCD REFERENCE NUMBER, SHEETING MANUFACTURER, SHEETING TYPE, MANUFACTURE DATE, COLOR OF PRIMARY REFLECTIVE SURFACE, INSTALLATION DATE, LATITUDE AND LONGITUDE USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) OR THE STATE PLANE COORDINATES USING AN X AND Y ORDINATE OF THE INSTALLED LOCATION.

DATA SHOULD BE PROVIDED ELECTRONICALLY ON THE TC 71-229 SIGN DETAIL INFORMATION AND TC 71-230 SIGN ASSEMBLY INFORMATION FORMS. THE CONTRACTOR MAY CHOOSE TO PRESENT THE DATA IN A DIFFERENT FORMAT PROVIDED THAT THE INFORMATION SUBMITTED TO THE DEPARTMENT IS EQUIVALENT TO THE INFORMATION REQUIRED ON THE DEPARTMENT TC FORMS. THE FORMS MUST BE SUBMITTED IN THE ELECTRONIC FORMAT REGARDLESS OF WHICH TYPE OF FORM IS USED. THE DEPARTMENT WILL NOT ACCEPT PDF OR HANDWRITTEN FORMS. THESE COMPLETED FORMS MUST BE SUBMITTED TO THE DEPARTMENT PRIOR TO FINAL INSPECTION OF THE SIGNS. THE DEPARTMENT WILL NOT ISSUE FORMAL ACCEPTANCE FOR THE PROJECT UNTIL THE TC 71-229 AND TC 71-230 ELECTRONIC FORMS ARE COMPLETED FOR ALL SIGNS AND SIGN ASSEMBLIES ON THE PROJECT.

4.0 MEASUREMENT

THE DEPARTMENT WILL MEASURE ALL WORK REQUIRED FOR THE INSTALLATION OF THE BARCODE LABEL AND ALL WORK ASSOCIATED WITH COMPLETION AND SUBMISSION OF THE SIGN INVENTORY DATA (TC 71-229 AND TC 71-230). THE INSTALLATION OF THE PERMANENT SIGN WILL BE MEASURED IN ACCORDANCE TO SECTION 715 OF THE KYTC SPEC BOOK.

5.0 PAYMENT

THE DEPARTMENT WILL MAKE PAYMENT FOR THE COMPLETED AND ACCEPTED QUANTITIES UNER THE FOLLOWING:

| CODE    | PAY ITEM               | PAY UNIT |
|---------|------------------------|----------|
| 24631EC | BARCODE SIGN INVENTORY | EACH     |

THE DEPARTMENT WILL NOT MAKE PAYMENT FOR THE ITEM UNTIL ALL BARCODES ARE INSTALLED AND SIGN INVENTORY IS COMPLETE ON EVERY PERMANENT SIGN INSTALLED ON THE PROJECT. THE DEPARTMENT WILL MAKE PAYMENT FOR INSTALLATION OF THE PERMANENT SIGN IN ACCORDANCE WITH SECTION 715 OF THE KYTC SPEC BOOK. THE DEPARTMENT WILL CONSIDER PAYMENT AS FULL COMPENSATION FOR ALL WORK REQUIRED.

FILE NAME: M:\PROJ\131\0037 KYTC - TODD KY 181\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ESHEETS\R0020GGN.DGN

USER: imrccle  
DATE PLOTTED: October 16, 2015

E-SHEET NAME: R0020GGN

MicroStation v8.11.7.443

|           |           |           |
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REVISED 10-19-15

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FILE NAME: M:\PROJ\131\0037 KYTC - TODD KY 181\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ESHEETS\R0020GGN.DGN

USER: imrccle  
DATE PLOTTED: October 16, 2015

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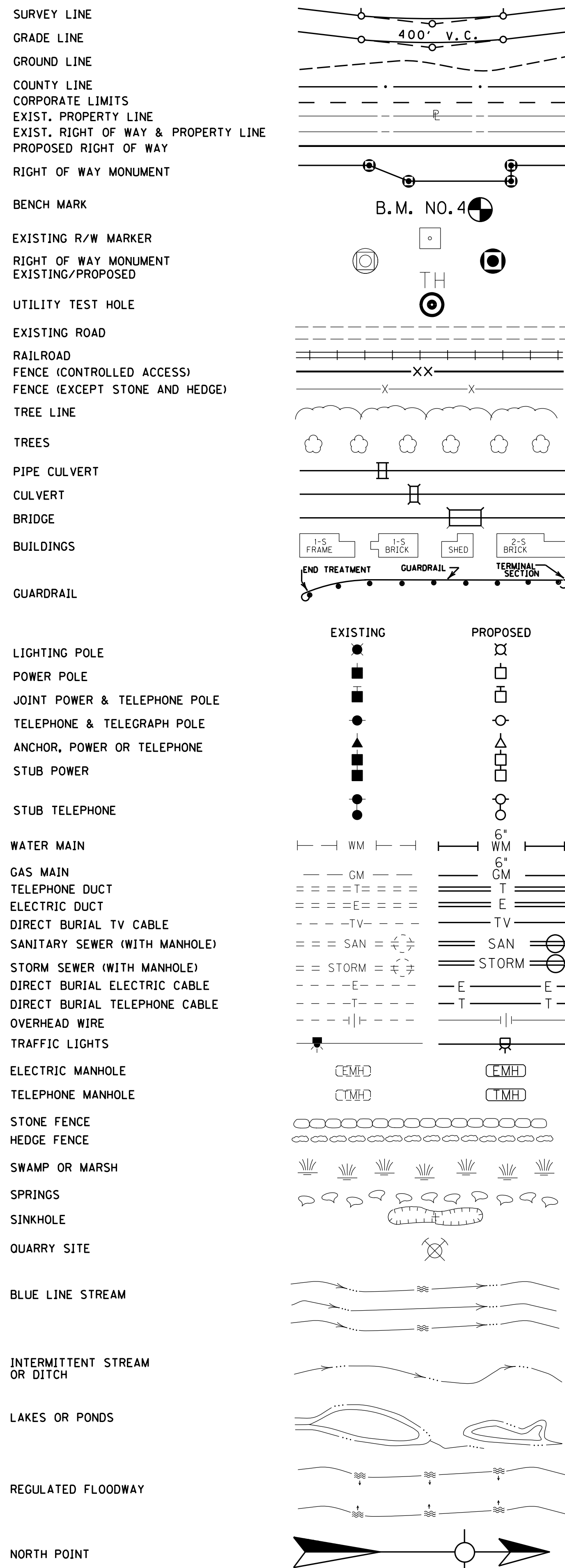
MicroStation v8.11.7.443

SCALE: 1"=N/A

GENERAL NOTES SHEET



### CONVENTIONAL SIGNS



### UTILITIES

Elkton Utilities  
304 Weathers Ave.  
P.O. Box 578  
Elkton, KY 42220  
Contact: Terry Frogue  
Phone: (270) 265-5703

Logan-Todd  
Regional Water Commission  
248 Tower St.  
Guthrie, KY 42234  
Contact: Kyle Kenner  
Phone: (270) 483-6990

Elkton Wastewater Treatment Plant  
304 Weathers Ave.  
P.O. Box 578  
Elkton, KY 42220  
Contact: Terry Frogue  
Phone: (270) 265-5703

Atmos Energy Corporation  
2850 Russellville Rd.  
Bowling Green, KY 42101  
Contact: Phillip Neel  
Phone: (270) 772-2816

Tennessee Valley Authority  
6045 Russellville Rd.  
Bowling Green, KY 42101  
Contact: Joshua Savage  
Phone: (270) 846-7015

Pennyrile RECC  
Elkton District Office  
204 S. Main St.  
Elkton, KY 42220  
Contact: Terry Joiner  
Phone: (270) 265-2545  
or 1-800-297-4708

Bell South Telecommunications/AT&T  
Hopkinsville District Office  
801 Richard St.  
Hopkinsville, KY 42240  
Contact: Michael Forrest  
Phone: (270) 889-9782

Mediacom Southeast LLC  
325 N. Plum St.  
Princeton, KY 42445  
Contact: Phillip Tish  
Phone: (270) 365-3830

### UTILITIES (HAZARD OR FLAMMABLE MATERIALS)

THE CONTRACTOR IS ADVISED TO EXERCISE CAUTION IN HIS OPERATIONS IN AREAS WHERE PLANS INDICATE THE PRESENCE OF A GAS LINE OR OTHER LINES CARRYING HAZARDOUS MATERIALS

THE LOCATION OF UTILITIES PROVIDED IN THE CONTRACT DOCUMENTS HAS BEEN FURNISHED BY THE FACILITY OWNERS AND/OR BY REVIEWING RECORD DRAWINGS. THE INFORMATION MAY NOT BE EXACT NOR COMPLETE. IT WILL BE THE ROAD CONTRACTORS RESPONSIBILITY TO LOCATE UTILITIES BEFORE EXCAVATING BY CALLING THE VARIOUS UTILITY OWNERS AND BY EXAMINING ANY SUPPLEMENTAL INFORMATION PROVIDED BY THE CABINET AND/OR UTILITY OWNER. THE ROAD CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND ELEVATION OF UTILITIES BY HAND DIGGING TO EXPOSE UTILITIES BEFORE HE EXCAVATES IN THE AREA OF A UTILITY. THE COST FOR REPAIR AND ANY OTHER ASSOCIATED COSTS FOR ANY DAMAGE TO UTILITIES CAUSED BY THE ROAD CONTRACTORS OPERATIONS SHALL BE BORNE BY THE ROAD CONTRACTOR.

THE CONTRACTOR IS ADVISED TO CONTACT THE B.U.D. ONE-CALL SYSTEM; HOWEVER, THE CONTRACTOR SHOULD BE AWARE THAT THE OWNERS OF THE UNDERGROUND FACILITIES ARE NOT REQUIRED TO BE MEMBERS OF THE B.U.D. ONE-CALL SYSTEM. IT MAY BE NECESSARY FOR THE CONTRACTOR TO CONTACT THE COUNTY COURT CLERK TO DETERMINE WHAT UTILITY COMPANIES HAVE FACILITIES IN THE PROJECT AREA.

#### BEFORE YOU DIG

The contractor is instructed to call 1-800-752-6007 to reach KY 811, the one-call system for information on the location of existing underground utilities. The call is to be placed a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor should be aware that owners of underground facilities are not required to be members of the KY 811 one-call Before-U-Dig (BUD) service. The contractor must coordinate excavation with the utility owners, including those whom do not subscribe to KY 811. It may be necessary for the contractor to contact the County Court Clerk to determine what utility companies have facilities in the area.

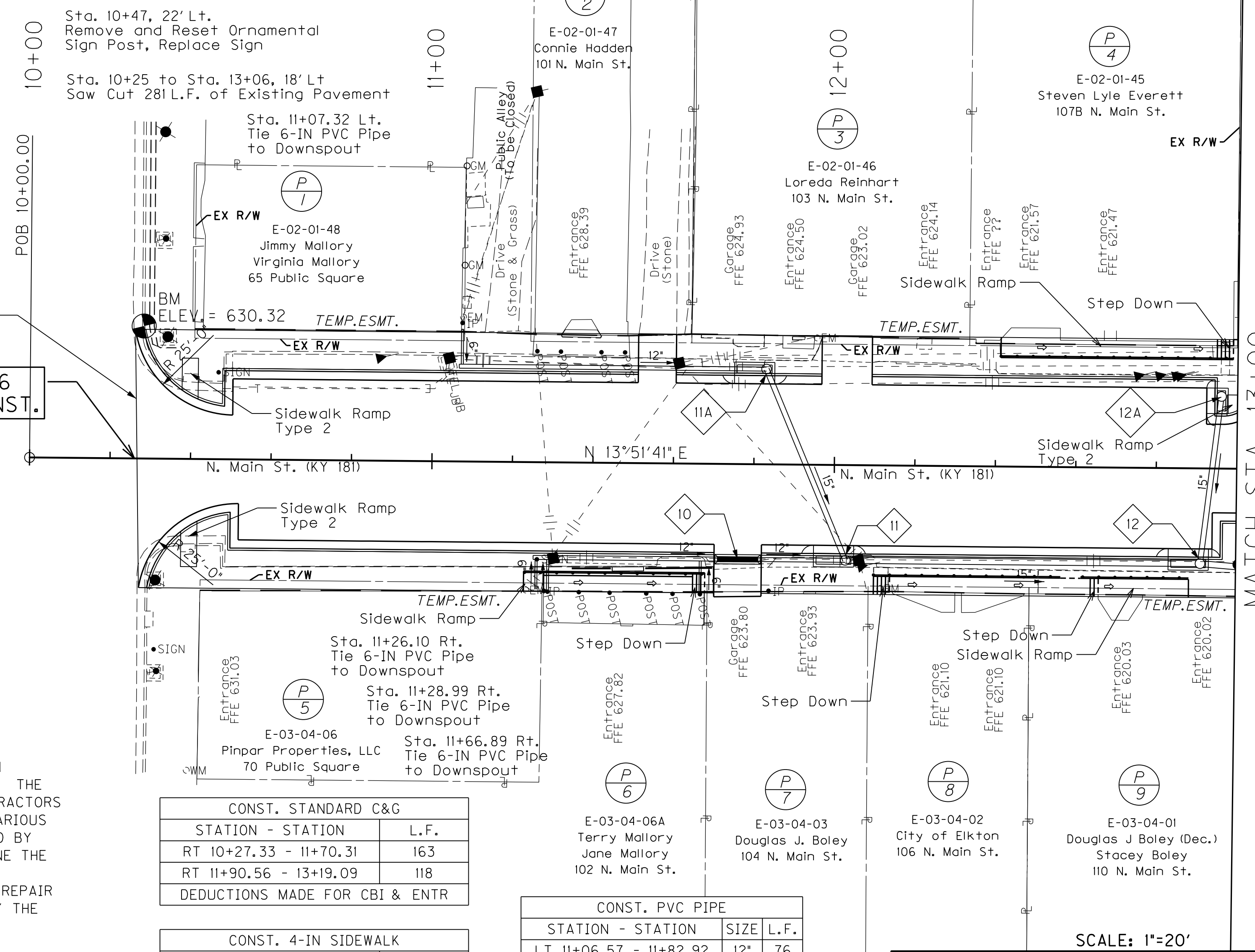
### BASIS OF ELEVATIONS

Elevations were derived from NGS/USGS Vertical Control Mark USC&GS E70. The Elevation used for this mark is 625.740 and is the basis of elevation for this project. The location of the Benchmark is as follows:

USGS disk stamped E70 in sidewalk at the southeast corner of the Elkton Post Office

| CONST. STANDARD C&G            |      |
|--------------------------------|------|
| STATION - STATION              | L.F. |
| LT 10+26.04 - 11+35.09         | 129  |
| LT 12+25.19 - 13+06.73         | 83   |
| DEDUCTIONS MADE FOR CBI & ENTR |      |

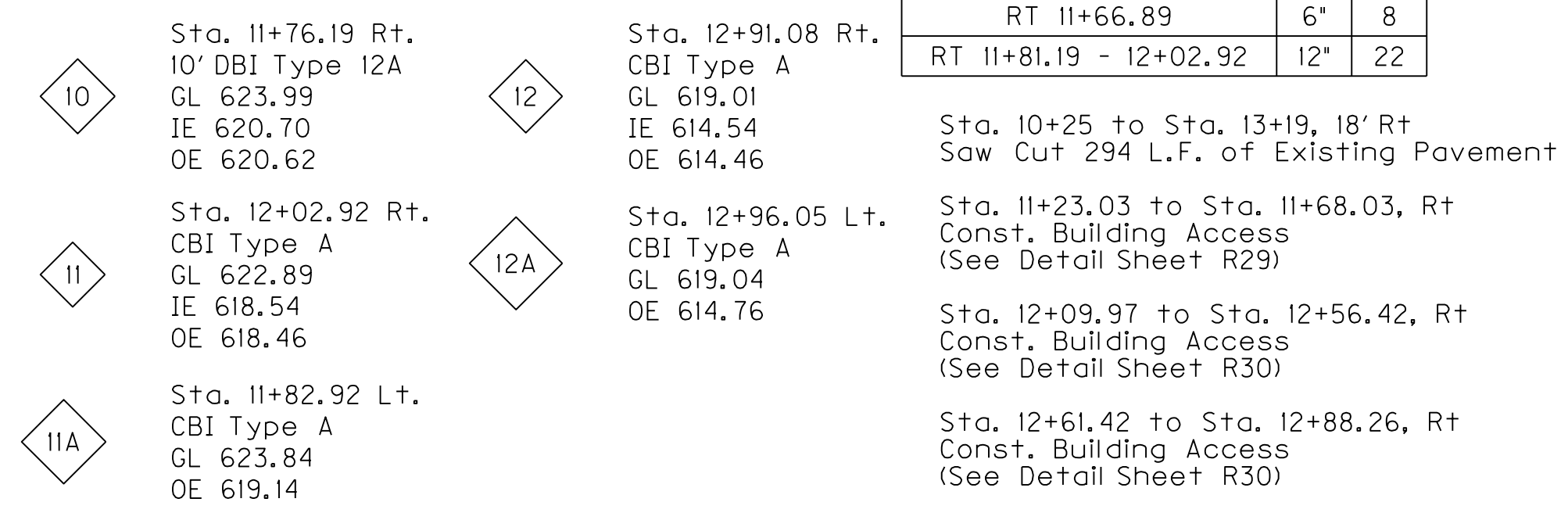
| CONST. 4-IN SIDEWALK           |      |
|--------------------------------|------|
| STATION - STATION              | S.Y. |
| LT 10+26.04 - 11+35.09         | 121  |
| LT 11+76.51 - 11+80.71         | 28   |
| LT 12+25.19 - 13+06.73         | 90   |
| DEDUCTIONS MADE FOR CBI & ENTR |      |



| CONST. STANDARD C&G            |      |
|--------------------------------|------|
| STATION - STATION              | L.F. |
| RT 10+27.33 - 11+70.31         | 163  |
| RT 11+90.56 - 13+19.09         | 118  |
| DEDUCTIONS MADE FOR CBI & ENTR |      |

| CONST. 4-IN SIDEWALK           |      |
|--------------------------------|------|
| STATION - STATION              | S.Y. |
| RT 10+27.33 - 11+70.31         | 156  |
| RT 11+90.56 - 13+19.09         | 140  |
| DEDUCTIONS MADE FOR CBI & ENTR |      |

| CONST. PVC PIPE        |      |      |  |
|------------------------|------|------|--|
| STATION - STATION      | SIZE | L.F. |  |
| LT 11+06.57 - 11+82.92 | 12"  | 76   |  |
| LT 11+07.32            | 6"   | 9    |  |
| RT 11+25.35 - 11+71.15 | 12"  | 46   |  |
| RT 11+26.10            | 6"   | 7    |  |
| RT 11+28.99            | 6"   | 8    |  |
| RT 11+66.89            | 6"   | 8    |  |
| RT 11+81.19 - 12+02.92 | 12"  | 22   |  |



DESIGNED BY: \_\_\_\_\_  
DATE SUBMITTED: \_\_\_\_\_

**Commonwealth of Kentucky**  
**DEPARTMENT OF HIGHWAYS**  
**COUNTY OF**  
**TODD**

PROJECT NUMBER: 3-8401.00  
FO04 110 0181 011-013

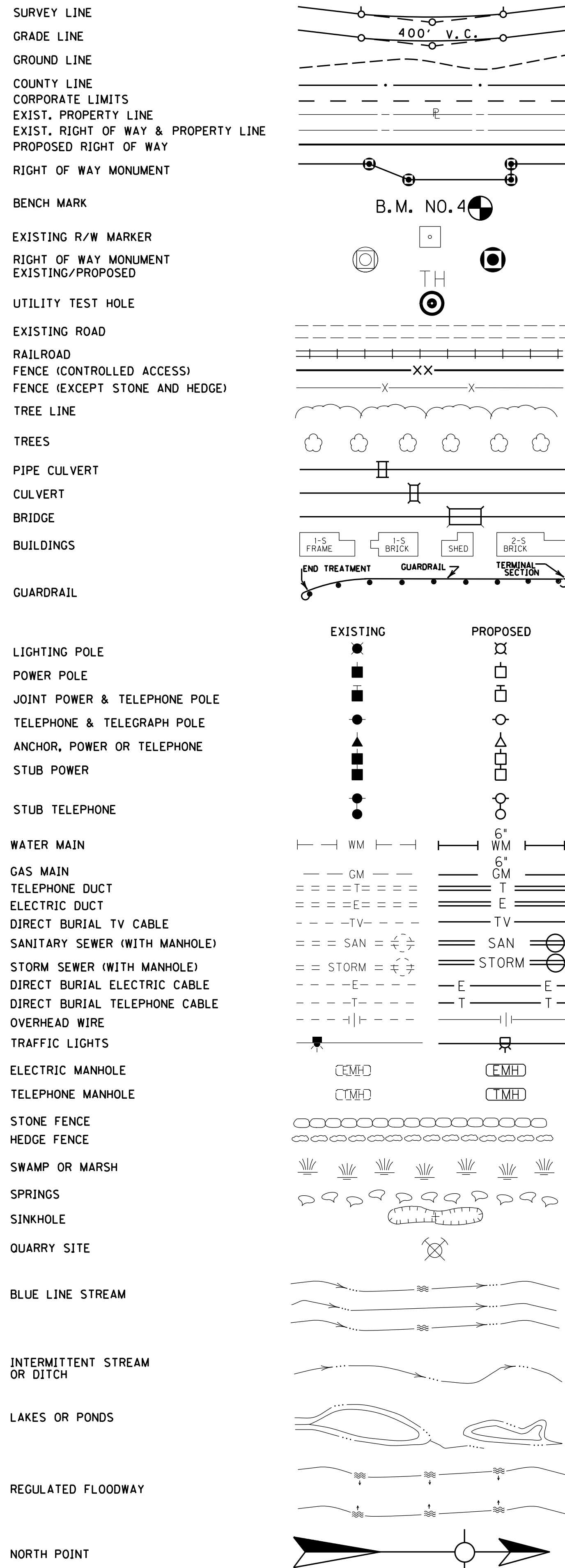
KY 181  
STA. 10+00 TO STA. 13+00

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 Phone: (270) 772-2816

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 6045 Russellville Rd.  
 Bowling Green, KY 42101  
 Contact: Joshua Savage  
 Phone: (270) 846-7015

**Pennyrile RECC Elkton District Office**  
 204 S. Main St.  
 Elkton, KY 42220  
 Contact: Terry Joiner  
 Phone: (270) 265-2545 or 1-800-297-4708

**Bell South Telecommunications/AT&T Hopkinsville District Office**  
 801 Richard St.  
 Hopkinsville, KY 42240  
 Contact: Michael Forrest  
 Phone: (270) 889-9782

**Mediacom Southeast LLC**  
 325 N. Plum St.  
 Princeton, KY 42445  
 Contact: Phillip Tosh  
 Phone: (270) 365-3830

### UTILITIES (HAZARD OR FLAMMABLE MATERIALS)

THE CONTRACTOR IS ADVISED TO EXERCISE CAUTION IN HIS OPERATIONS IN AREAS WHERE PLANS INDICATE THE PRESENCE OF A GAS LINE OR OTHER LINES CARRYING HAZARDOUS MATERIALS

THE LOCATION OF UTILITIES PROVIDED IN THE CONTRACT DOCUMENTS HAS BEEN FURNISHED BY THE FACILITY OWNERS AND/OR BY REVIEWING RECORD DRAWINGS. THE INFORMATION MAY NOT BE EXACT NOR COMPLETE. IT WILL BE THE ROAD CONTRACTORS RESPONSIBILITY TO LOCATE UTILITIES BEFORE EXCAVATING BY CALLING THE VARIOUS UTILITY OWNERS AND BY EXAMINING ANY SUPPLEMENTAL INFORMATION PROVIDED BY THE CABINET AND/OR UTILITY OWNER. THE ROAD CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND ELEVATION OF UTILITIES BY HAND DIGGING TO EXPOSE UTILITIES BEFORE HE EXCAVATES IN THE AREA OF A UTILITY. THE COST FOR REPAIR AND ANY OTHER ASSOCIATED COSTS FOR ANY DAMAGE TO UTILITIES CAUSED BY THE ROAD CONTRACTORS OPERATIONS SHALL BE BORNE BY THE ROAD CONTRACTOR.

THE CONTRACTOR IS ADVISED TO CONTACT THE B.U.D. ONE-CALL SYSTEM; HOWEVER, THE CONTRACTOR SHOULD BE AWARE THAT THE OWNERS OF THE UNDERGROUND FACILITIES ARE NOT REQUIRED TO BE MEMBERS OF THE B.U.D. ONE-CALL SYSTEM. IT MAY BE NECESSARY FOR THE CONTRACTOR TO CONTACT THE COUNTY COURT CLERK TO DETERMINE WHAT UTILITY COMPANIES HAVE FACILITIES IN THE PROJECT AREA.

#### BEFORE YOU DIG

The contractor is instructed to call 1-800-752-6007 to reach KY 811, the one-call system for information on the location of existing underground utilities. The call is to be placed a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor should be aware that owners of underground facilities are not required to be members of the KY 811 one-call Before-U-Dig (BUD) service. The contractor must coordinate excavation with the utility owners, including those whom do not subscribe to KY 811. It may be necessary for the contractor to contact the County Court Clerk to determine what utility companies have facilities in the area.

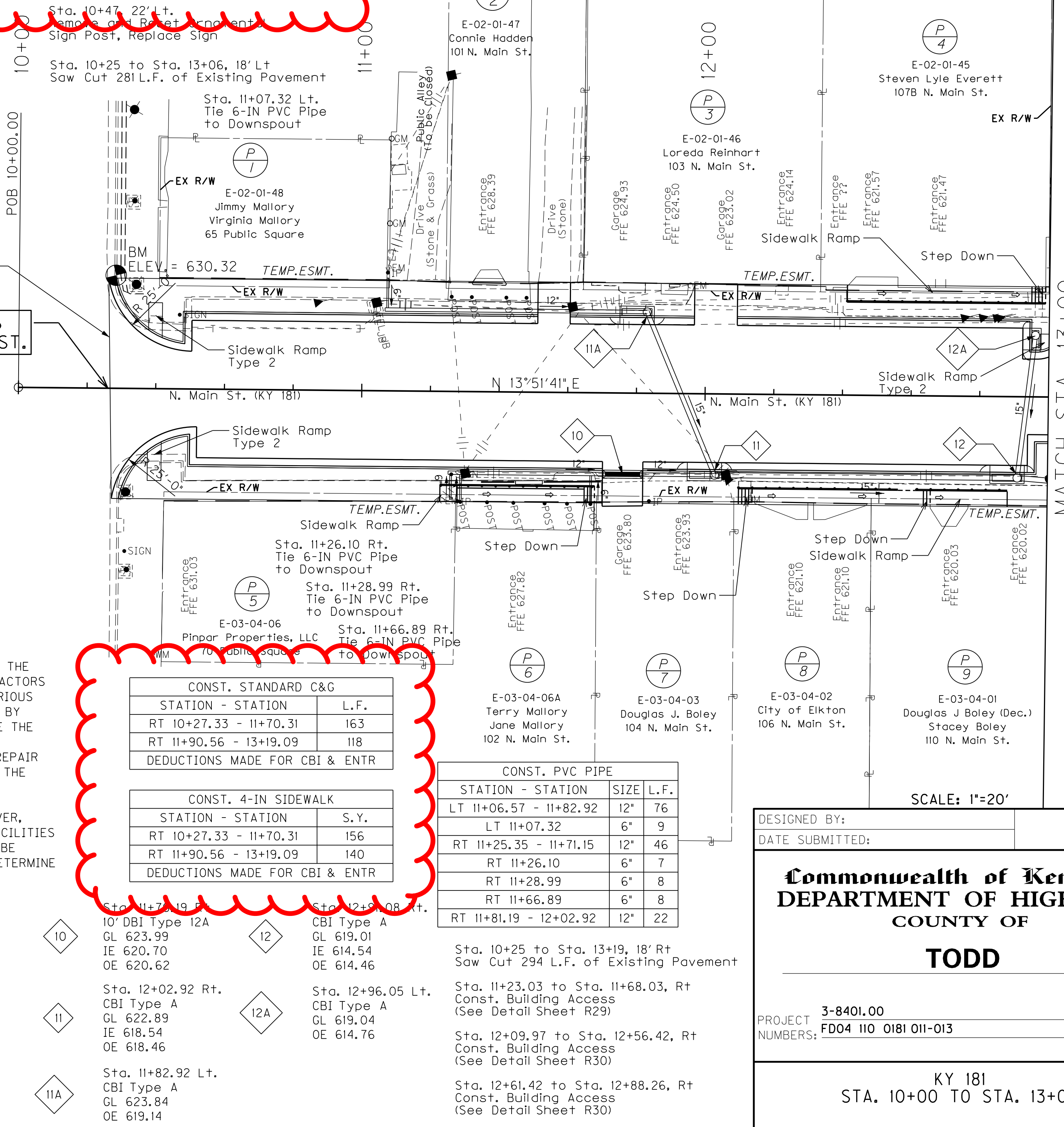
### BASIS OF ELEVATIONS

Elevations were derived from NGS/USGS Vertical Control Mark USC&GS E70. The Elevation used for this mark is 625.740 and is the basis of elevation for this project. The location of the Benchmark is as follows:

USGS dist. stamped 170 n sidewalk at the outeast corner of the Elkton Post Office

| CONST. STANDARD C&G            |  | L.F. |
|--------------------------------|--|------|
| STATION - STATION              |  |      |
| LT 10+26.04 - 11+35.09         |  | 129  |
| LT 12+25.19 - 13+06.73         |  | 83   |
| DEDUCTIONS MADE FOR CBI & ENTR |  |      |

| CONST. 4-IN SIDEWALK           |  | S.Y. |
|--------------------------------|--|------|
| STATION - STATION              |  |      |
| LT 10+26.04 - 11+35.09         |  | 121  |
| LT 11+76.51 - 11+80.71         |  | 28   |
| LT 12+25.19 - 13+06.73         |  | 90   |
| DEDUCTIONS MADE FOR CBI & ENTR |  |      |



REVISED 10-19-15

|           |           |           |
|-----------|-----------|-----------|
| COUNTY OF | ITEM NO.  | SHEET NO. |
| TODD      | 3-8401.00 | R3        |

| CONSTRUCT ENTRANCE |            |              |              |      |
|--------------------|------------|--------------|--------------|------|
| STATION            | TYPE       | WIDTH (L.F.) | SURFACE TYPE | S.Y. |
| LT 11+55.80        | COMMERCIAL | 9            | CONC         | 56   |
| RT 11+76.19        | COMMERCIAL | 12           | CONC         | 37   |
| RT 11+76.19        | COMMERCIAL | 12           | ASPH         | 1    |
| LT 12+02.95        | COMMERCIAL | 12           | CONC         | 40   |

| CONST. STANDARD C&G            |  | L.F. |
|--------------------------------|--|------|
| STATION - STATION              |  |      |
| RT 10+27.33 - 11+70.31         |  | 163  |
| RT 11+90.56 - 13+19.09         |  | 118  |
| DEDUCTIONS MADE FOR CBI & ENTR |  |      |

| CONST. 4-IN SIDEWALK           |  | S.Y. |
|--------------------------------|--|------|
| STATION - STATION              |  |      |
| RT 10+27.33 - 11+70.31         |  | 156  |
| RT 11+90.56 - 13+19.09         |  | 140  |
| DEDUCTIONS MADE FOR CBI & ENTR |  |      |

| CONST. PVC PIPE        |      |      |  |
|------------------------|------|------|--|
| STATION - STATION      | SIZE | L.F. |  |
| LT 11+06.57 - 11+82.92 | 12"  | 76   |  |
| LT 11+07.32            | 6"   | 9    |  |
| RT 11+25.35 - 11+71.15 | 12"  | 46   |  |
| RT 11+26.10            | 6"   | 7    |  |
| RT 11+28.99            | 6"   | 8    |  |
| RT 11+66.89            | 6"   | 8    |  |
| RT 11+81.19 - 12+02.92 | 12"  | 22   |  |

DESIGNED BY:  
 DATE SUBMITTED:

**Commonwealth of Kentucky**  
**DEPARTMENT OF HIGHWAYS**  
**COUNTY OF**  
**TODD**

PROJECT NUMBER: 3-8401.00  
 FD04 110 0181 011-013

KY 181  
 STA. 10+00 TO STA. 13+00



FILE NAME: M:\PROJ\13\0037 KYTC - TODD KY 18\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ESHEETS\RD0600PL.DGN  
 USER: imircocle  
 DATE PLOTTED: October 15, 2015  
 E-SHEET NAME: RD0600PL  
 MicroStation v8.11.7.443

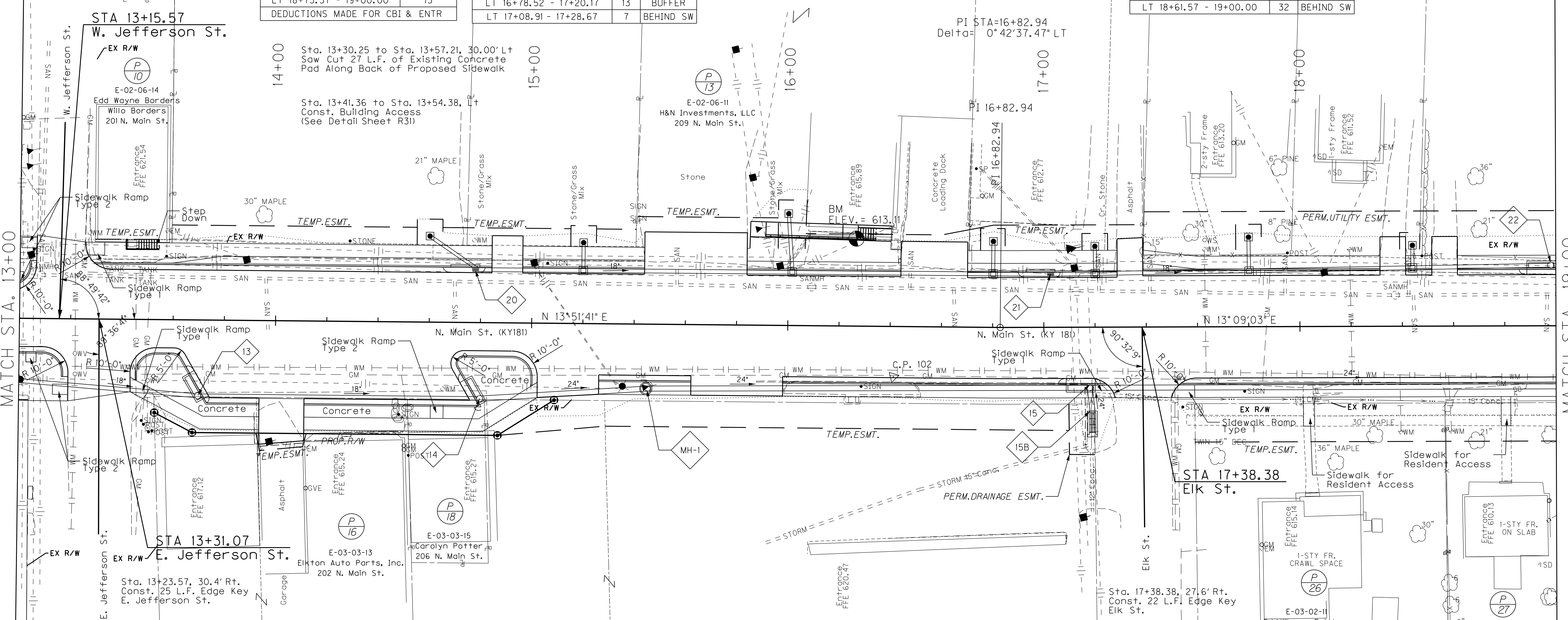
| CONST. 4-IN SIDEWALK           |      |  |
|--------------------------------|------|--|
| STATION - STATION              | S.Y. |  |
| LT 13+25.69 - 14+72.31         | 91   |  |
| LT 15+08.31 - 15+27.91         | 11   |  |
| LT 15+99.91 - 16+27.99         | 76   |  |
| LT 16+86.26 - 17+16.67         | 17   |  |
| LT 17+50.67 - 18+19.34         | 38   |  |
| LT 18+73.57 - 19+00.00         | 11   |  |
| DEDUCTIONS MADE FOR CBI & ENTR |      |  |

| CONST. STANDARD C&G            |      |  |
|--------------------------------|------|--|
| STATION - STATION              | L.F. |  |
| LT 13+25.69 - 14+72.31         | 137  |  |
| LT 15+08.31 - 15+27.91         | 20   |  |
| LT 15+99.91 - 16+27.99         | 28   |  |
| LT 16+86.26 - 17+16.67         | 20   |  |
| LT 17+50.67 - 18+19.34         | 67   |  |
| LT 18+73.57 - 19+00.00         | 15   |  |
| DEDUCTIONS MADE FOR CBI & ENTR |      |  |

| SODDING                |      |           |  |
|------------------------|------|-----------|--|
| STATION - STATION      | S.Y. | LOCATION  |  |
| LT 13+58.30 - 14+84.31 | 45   | BEHIND SW |  |
| LT 13+59.41 - 14+75.81 | 34   | BUFFER    |  |
| LT 14+96.31 - 15+43.91 | 21   | BEHIND SW |  |
| LT 15+04.81 - 15+35.41 | 10   | BUFFER    |  |
| LT 15+83.91 - 16+06.87 | 23   | BEHIND SW |  |
| LT 15+92.41 - 16+35.49 | 14   | BUFFER    |  |
| LT 16+78.52 - 17+20.17 | 13   | BUFFER    |  |
| LT 17+08.91 - 17+28.67 | 7    | BEHIND SW |  |

| CONSTRUCT ENTRANCE |             |              |              |      |
|--------------------|-------------|--------------|--------------|------|
| STATION            | TYPE        | WIDTH (L.F.) | SURFACE TYPE | S.Y. |
| LT 16+57.01        | COMMERCIAL  | 26           | CONC         | 77   |
| LT 17+33.67        | RESIDENTIAL | 10           | CONC         | 30   |
| LT 17+33.67        | RESIDENTIAL | 10           | ASPH         | 5    |
| LT 18+36.34        | RESIDENTIAL | 10           | CONC         | 23   |
| LT 18+36.34        | RESIDENTIAL | 10           | ASPH         | 8    |
| LT 18+56.57        | RESIDENTIAL | 10           | CONC         | 23   |
| LT 18+56.57        | RESIDENTIAL | 10           | ASPH         | 8    |

| SODDING                |      |           |
|------------------------|------|-----------|
| STATION - STATION      | S.Y. | LOCATION  |
| LT 17+38.67 - 18+31.34 | 77   | BEHIND SW |
| LT 17+47.17 - 17+60.00 | 1    | BUFFER    |
| LT 18+41.34 - 18+51.57 | 8    | BEHIND SW |
| LT 18+61.57 - 19+00.00 | 32   | BEHIND SW |



| CONST. 4-IN SIDEWALK           |      |  |
|--------------------------------|------|--|
| STATION - STATION              | S.Y. |  |
| **RT 13+43.36 - 13+77.79       | 58   |  |
| **RT 14+27.38 - 15+02.37       | 112  |  |
| RT 15+42.37 - 15+46.37         | 2    |  |
| RT 16+14.20 - 17+27.79         | 59   |  |
| RT 17+49.81 - 19+00.00         | 83   |  |
| *RT 18+01.28 - 18+05.62        | 5    |  |
| *RT 18+78.49 - 18+82.23        | 5    |  |
| DEDUCTIONS MADE FOR CBI & ENTR |      |  |
| * NOTE: FOR RESIDENT ACCESS    |      |  |
| ** NOTE: INCLUDES BUFFER AREA  |      |  |

| REMOVE EXISTING SIDEWALK |      |  |
|--------------------------|------|--|
| STATION - STATION        | S.Y. |  |
| RT 17+55.59 - 18+01.28   | 20   |  |
| RT 18+05.62 - 18+78.49   | 33   |  |
| RT 18+82.23 - 19+00.00   | 8    |  |

| CONST. STANDARD C&G            |      |  |
|--------------------------------|------|--|
| STATION - STATION              | L.F. |  |
| RT 13+43.36 - 13+77.79         | 40   |  |
| RT 14+27.38 - 15+02.37         | 102  |  |
| RT 15+42.37 - 15+46.37         | 4    |  |
| RT 16+14.20 - 17+27.79         | 118  |  |
| RT 17+49.81 - 19+00.00         | 147  |  |
| DEDUCTIONS MADE FOR CBI & ENTR |      |  |

| SODDING                |      |           |  |
|------------------------|------|-----------|--|
| STATION - STATION      | S.Y. | LOCATION  |  |
| RT 17+12.56 - 17+27.79 | 18   | BEHIND SW |  |
| RT 17+49.72 - 18+01.28 | 58   | BEHIND SW |  |
| RT 18+05.62 - 18+78.49 | 92   | BEHIND SW |  |
| RT 18+82.23 - 19+00.00 | 23   | BEHIND SW |  |

| CONSTRUCT ENTRANCE |             |              |              |      |
|--------------------|-------------|--------------|--------------|------|
| STATION            | TYPE        | WIDTH (L.F.) | SURFACE TYPE | S.Y. |
| RT 14+02.58        | COMMERCIAL  | 18           | CONC         | 68   |
| RT 14+02.58        | COMMERCIAL  | 18           | ASPH         | 10   |
| LT 14+90.31        | RESIDENTIAL | 12           | CONC         | 42   |
| LT 14+90.31        | RESIDENTIAL | 12           | ASPH         | 5    |
| RT 15+14.34        | COMMERCIAL  | 24           | CONC         | 37   |
| LT 15+63.91        | COMMERCIAL  | 40           | CONC         | 84   |
| LT 15+63.91        | COMMERCIAL  | 40           | ASPH         | 27   |
| RT 15+80.28        | COMMERCIAL  | 36           | CONC         | 45   |

P 19: E-03-03-01 Wilmon Moore Peggy Moore 208 N. Main St.  
 P 13: E-02-06-11 H&N Investments, LLC 209 N. Main St.  
 P 10: E-02-06-14 Edd Wayne Borders Willo Borders 201 N. Main St.  
 P 12: E-02-06-12 Fannie Kennedy 205 N. Main St.  
 P 15: E-02-06-09 Under the Sun, LLC 211 N. Main St.  
 P 20: E-02-06-08 Mary Ann Burrus 301 N. Main St.  
 P 21: E-02-06-07 Shirley M. Knight 303 N. Main St.  
 P 22: E-02-06-06 Glendolene Alder Wayne Alder 305 N. Main St.  
 P 16: E-03-03-13 Elkton Auto Parts, Inc. 202 N. Main St.  
 P 18: E-03-03-15 Carolyn Potter 206 N. Main St.  
 P 26: E-03-02-11 Edd Wayne Borders Willo Borders 302 N. Main St.  
 P 27: E-03-02-12 West Kentucky Holdings, LLC 304 N. Main St.

KY 181  
 STA. 13+00 TO STA. 19+00

SCALE: 1"=20'



REVISED 10-19-15

FILE NAME: M:\PROJ\13\0037 KYTC - TODD KY 181\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ESMETS\ROAD600PL.DGN  
 USER: imircioe  
 DATE PLOTTED: October 15, 2015  
 E-SHEET NAME: ROAD600PL  
 MicroStation v8.11.7.443

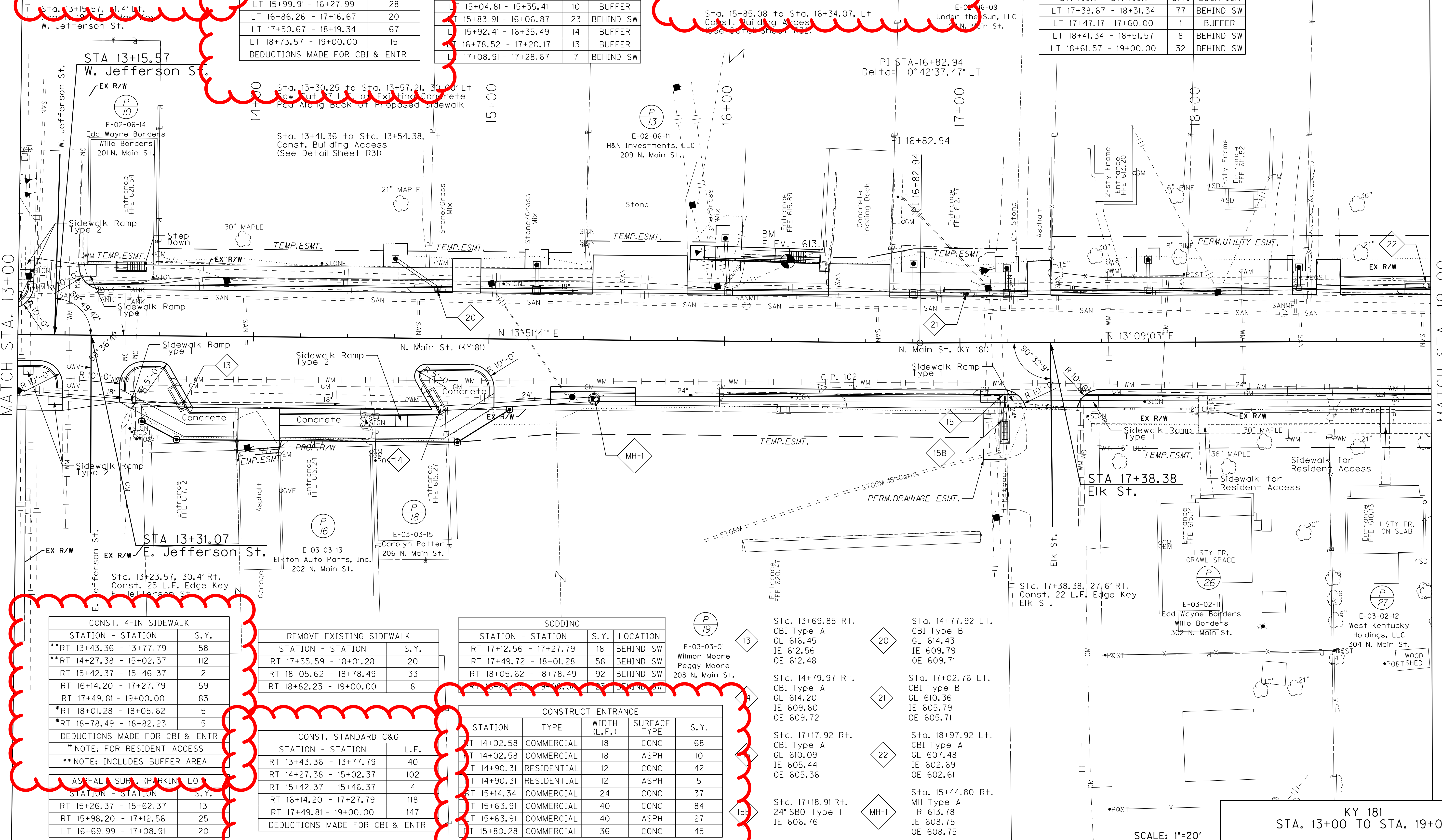
| CONST. 4-IN SIDEWALK           |      |  |
|--------------------------------|------|--|
| STATION - STATION              | S.Y. |  |
| LT 13+25.69 - 14+72.31         | 91   |  |
| LT 15+08.31 - 15+27.91         | 11   |  |
| LT 15+99.91 - 16+27.99         | 76   |  |
| LT 16+86.26 - 17+16.67         | 17   |  |
| LT 17+50.67 - 18+19.34         | 36   |  |
| LT 18+73.57 - 19+00.00         | 11   |  |
| DEDUCTIONS MADE FOR CBI & ENTR |      |  |

| CONST. STANDARD C&G            |      |  |
|--------------------------------|------|--|
| STATION - STATION              | L.F. |  |
| LT 13+25.69 - 14+72.31         | 137  |  |
| LT 15+08.31 - 15+27.91         | 20   |  |
| LT 15+99.91 - 16+27.99         | 28   |  |
| LT 16+86.26 - 17+16.67         | 20   |  |
| LT 17+50.67 - 18+19.34         | 67   |  |
| LT 18+73.57 - 19+00.00         | 15   |  |
| DEDUCTIONS MADE FOR CBI & ENTR |      |  |

| SODDING                |      |           |  |
|------------------------|------|-----------|--|
| STATION - STATION      | S.Y. | LOCATION  |  |
| LT 13+58.30 - 14+84.31 | 45   | BEHIND SW |  |
| LT 13+59.41 - 14+75.81 | 34   | BUFFER    |  |
| LT 14+96.31 - 15+43.91 | 21   | BEHIND SW |  |
| LT 15+04.81 - 15+35.41 | 10   | BUFFER    |  |
| LT 15+83.91 - 16+06.87 | 23   | BEHIND SW |  |
| LT 15+92.41 - 16+35.49 | 14   | BUFFER    |  |
| LT 16+78.52 - 17+20.17 | 13   | BUFFER    |  |
| LT 17+08.91 - 17+28.67 | 7    | BEHIND SW |  |

| CONSTRUCT ENTRANCE |             |              |              |      |
|--------------------|-------------|--------------|--------------|------|
| STATION            | TYPE        | WIDTH (L.F.) | SURFACE TYPE | S.Y. |
| LT 16+57.01        | COMMERCIAL  | 26           | CONC         | 77   |
| LT 17+33.67        | RESIDENTIAL | 10           | CONC         | 30   |
| LT 17+33.67        | RESIDENTIAL | 10           | ASPH         | 5    |
| LT 18+36.34        | RESIDENTIAL | 10           | CONC         | 23   |
| LT 18+36.34        | RESIDENTIAL | 10           | ASPH         | 8    |
| LT 18+56.57        | RESIDENTIAL | 10           | CONC         | 23   |
| LT 18+56.57        | RESIDENTIAL | 10           | ASPH         | 8    |

| SODDING                |      |           |
|------------------------|------|-----------|
| STATION - STATION      | S.Y. | LOCATION  |
| LT 17+38.67 - 18+31.34 | 77   | BEHIND SW |
| LT 17+47.17 - 17+60.00 | 1    | BUFFER    |
| LT 18+41.34 - 18+51.57 | 8    | BEHIND SW |
| LT 18+61.57 - 19+00.00 | 32   | BEHIND SW |



| CONST. 4-IN SIDEWALK           |      |  |
|--------------------------------|------|--|
| STATION - STATION              | S.Y. |  |
| **RT 13+43.36 - 13+77.79       | 58   |  |
| **RT 14+27.38 - 15+02.37       | 112  |  |
| RT 15+42.37 - 15+46.37         | 2    |  |
| RT 16+14.20 - 17+27.79         | 59   |  |
| RT 17+49.81 - 19+00.00         | 83   |  |
| *RT 18+01.28 - 18+05.62        | 5    |  |
| *RT 18+78.49 - 18+82.23        | 5    |  |
| DEDUCTIONS MADE FOR CBI & ENTR |      |  |
| * NOTE: FOR RESIDENT ACCESS    |      |  |
| ** NOTE: INCLUDES BUFFER AREA  |      |  |

| REMOVE EXISTING SIDEWALK |      |  |
|--------------------------|------|--|
| STATION - STATION        | S.Y. |  |
| RT 17+55.59 - 18+01.28   | 20   |  |
| RT 18+05.62 - 18+78.49   | 33   |  |
| RT 18+82.23 - 19+00.00   | 8    |  |

| CONST. STANDARD C&G            |      |  |
|--------------------------------|------|--|
| STATION - STATION              | L.F. |  |
| RT 13+43.36 - 13+77.79         | 40   |  |
| RT 14+27.38 - 15+02.37         | 102  |  |
| RT 15+42.37 - 15+46.37         | 4    |  |
| RT 16+14.20 - 17+27.79         | 118  |  |
| RT 17+49.81 - 19+00.00         | 147  |  |
| DEDUCTIONS MADE FOR CBI & ENTR |      |  |

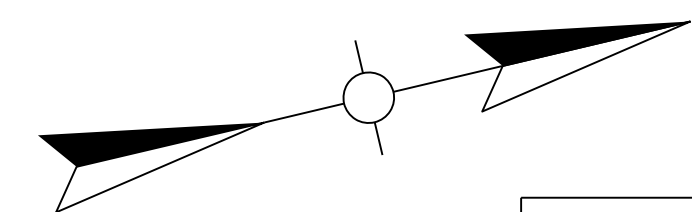
| SODDING                |      |           |  |
|------------------------|------|-----------|--|
| STATION - STATION      | S.Y. | LOCATION  |  |
| RT 17+12.56 - 17+27.79 | 18   | BEHIND SW |  |
| RT 17+49.72 - 18+01.28 | 58   | BEHIND SW |  |
| RT 18+05.62 - 18+78.49 | 92   | BEHIND SW |  |

| CONSTRUCT ENTRANCE |             |              |              |      |
|--------------------|-------------|--------------|--------------|------|
| STATION            | TYPE        | WIDTH (L.F.) | SURFACE TYPE | S.Y. |
| RT 14+02.58        | COMMERCIAL  | 18           | CONC         | 68   |
| RT 14+02.58        | COMMERCIAL  | 18           | ASPH         | 10   |
| RT 14+90.31        | RESIDENTIAL | 12           | CONC         | 42   |
| RT 14+90.31        | RESIDENTIAL | 12           | ASPH         | 5    |
| RT 15+14.34        | COMMERCIAL  | 24           | CONC         | 37   |
| RT 15+63.91        | COMMERCIAL  | 40           | CONC         | 84   |
| RT 15+63.91        | COMMERCIAL  | 40           | ASPH         | 27   |
| RT 15+80.28        | COMMERCIAL  | 36           | CONC         | 45   |

KY 181  
STA. 13+00 TO STA. 19+00

SCALE: 1"=20'





| SODDING                |      |           |
|------------------------|------|-----------|
| STATION - STATION      | S.Y. | LOCATION  |
| LT 19+00.00 - 19+56.39 | 25   | BEHIND SW |
| LT 19+86.78 - 21+12.19 | 80   | BEHIND SW |

| CONST. STANDARD C&G            |      |
|--------------------------------|------|
| STATION - STATION              | L.F. |
| LT 19+00.00 - 19+40.39         | 30   |
| LT 20+02.74 - 21+05.29         | 86   |
| LT 21+54.44 - 21+88.07         | 20   |
| LT 22+58.87 - 22+83.00         | 24   |
| DEDUCTIONS MADE FOR CBI & ENTR |      |

| CONSTRUCT ENTRANCE |             |              |              |      |
|--------------------|-------------|--------------|--------------|------|
| STATION            | TYPE        | WIDTH (L.F.) | SURFACE TYPE | S.Y. |
| RT 19+53.62        | RESIDENTIAL | 9            | CONC         | 28   |
| RT 19+53.62        | RESIDENTIAL | 9            | ASPH         | 20   |
| LT 19+71.57        | RESIDENTIAL | 30           | CONC         | 53   |
| RT 23+39.44        | RESIDENTIAL | 15           | ASPH         | 66   |
| RT 21+20           | COMMERCIAL  | VARIES       | ASPH         | 58   |

| CONST. 4-IN SIDEWALK           |      |
|--------------------------------|------|
| STATION - STATION              | S.Y. |
| LT 19+00.00 - 19+40.39         | 19   |
| LT 20+02.74 - 21+05.29         | 56   |
| LT 21+54.44 - 21+88.07         | 13   |
| LT 22+58.87 - 22+83.00         | 11   |
| DEDUCTIONS MADE FOR CBI & ENTR |      |

| SODDING                |      |           |
|------------------------|------|-----------|
| STATION - STATION      | S.Y. | LOCATION  |
| RT 19+00.00 - 19+20.46 | 26   | BEHIND SW |
| RT 19+24.43 - 19+49.12 | 33   | BEHIND SW |
| RT 19+58.12 - 19+68.68 | 14   | BEHIND SW |
| RT 19+72.75 - 20+23.88 | 69   | BEHIND SW |
| RT 20+28.71 - 20+54.75 | 35   | BEHIND SW |

| CONST. STANDARD C&G            |      |
|--------------------------------|------|
| STATION - STATION              | L.F. |
| RT 19+00.00 - 19+37.12         | 29   |
| RT 19+70.12 - 20+53.32         | 58   |
| RT 20+74.73 - 21+68.60         | 90   |
| RT 22+38.56 - 22+83.00         | 41   |
| DEDUCTIONS MADE FOR CBI & ENTR |      |

| REMOVE EXISTING SIDEWALK |      |
|--------------------------|------|
| STATION - STATION        | S.Y. |
| RT 19+00.00 - 19+20.47   | 9    |
| RT 19+24.45 - 19+49.12   | 11   |
| RT 19+58.12 - 19+68.68   | 5    |
| RT 19+72.79 - 20+23.88   | 23   |
| RT 20+28.71 - 20+53.48   | 11   |

| CONST. 4-IN SIDEWALK           |      |
|--------------------------------|------|
| STATION - STATION              | S.Y. |
| RT 19+00.00 - 19+37.12         | 17   |
| *RT 19+20.47 - 19+24.45        | 5    |
| *RT 19+70.12 - 20+53.32        | 39   |
| *RT 19+68.77 - 19+72.79        | 5    |
| *RT 20+23.88 - 20+28.71        | 7    |
| RT 20+74.73 - 21+68.60         | 45   |
| RT 22+38.56 - 22+83.00         | 22   |
| DEDUCTIONS MADE FOR CBI & ENTR |      |
| * NOTE: FOR RESIDENT ACCESS    |      |

**STA. 24+40  
END CONST.**

FILE NAME: M:\PROJ\13\0037 KYTC - TODD KY 18\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\SHEETS\R00900PL.DGN  
 USER: imicroc  
 DATE PLOTTED: October 15, 2015  
 E-SHEET NAME: R00900PL  
 MicroStation v8.11.7.443

MATCH STA. 19+00

SCALE: 1"=20'

KY 181  
STA. 19+00 TO STA. 25+00



FILE NAME: M:\PROJ\13\0037 KYTC - TODD KY 181\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ESHEETS\R00900PL.DGN  
 USER: imicroc  
 DATE PLOTTED: October 15, 2015  
 E-SHEET NAME: R00900PL  
 MicroStation v8.11.7.443

REVISED 10-19-15

|           |           |           |
|-----------|-----------|-----------|
| COUNTY OF | ITEM NO.  | SHEET NO. |
| TODD      | 3-8401.00 | R9        |

| SODDING                |      |           |
|------------------------|------|-----------|
| STATION - STATION      | S.Y. | LOCATION  |
| LT 19+00.00 - 19+56.39 | 25   | BEHIND SW |
| LT 19+86.78 - 21+12.19 | 80   | BEHIND SW |

| CONST. 4-IN SIDEWALK   |      |
|------------------------|------|
| STATION - STATION      | S.Y. |
| LT 19+00.00 - 19+40.39 | 19   |
| LT 20+02.74 - 21+05.29 | 56   |
| LT 21+54.44 - 21+88.07 | 13   |
| LT 22+58.87 - 22+83.00 | 11   |

| CONST. STANDARD C&G    |      |
|------------------------|------|
| STATION - STATION      | L.F. |
| LT 19+00.00 - 19+40.39 | 30   |
| LT 20+02.74 - 21+05.29 | 86   |
| LT 21+54.44 - 21+88.07 | 20   |
| LT 22+58.87 - 22+83.00 | 24   |

| CONSTRUCT ENTRANCE |             |              |              |      |
|--------------------|-------------|--------------|--------------|------|
| STATION            | TYPE        | WIDTH (L.F.) | SURFACE TYPE | S.Y. |
| RT 19+53.62        | RESIDENTIAL | 9            | CONC         | 28   |
| RT 19+53.62        | RESIDENTIAL | 9            | ASPH         | 20   |
| LT 19+71.57        | RESIDENTIAL | 30           | CONC         | 53   |
| RT 23+39.44        | RESIDENTIAL | 15           | ASPH         | 66   |
| RT 21+20           | COMMERCIAL  | VARIES       | ASPH         | 58   |

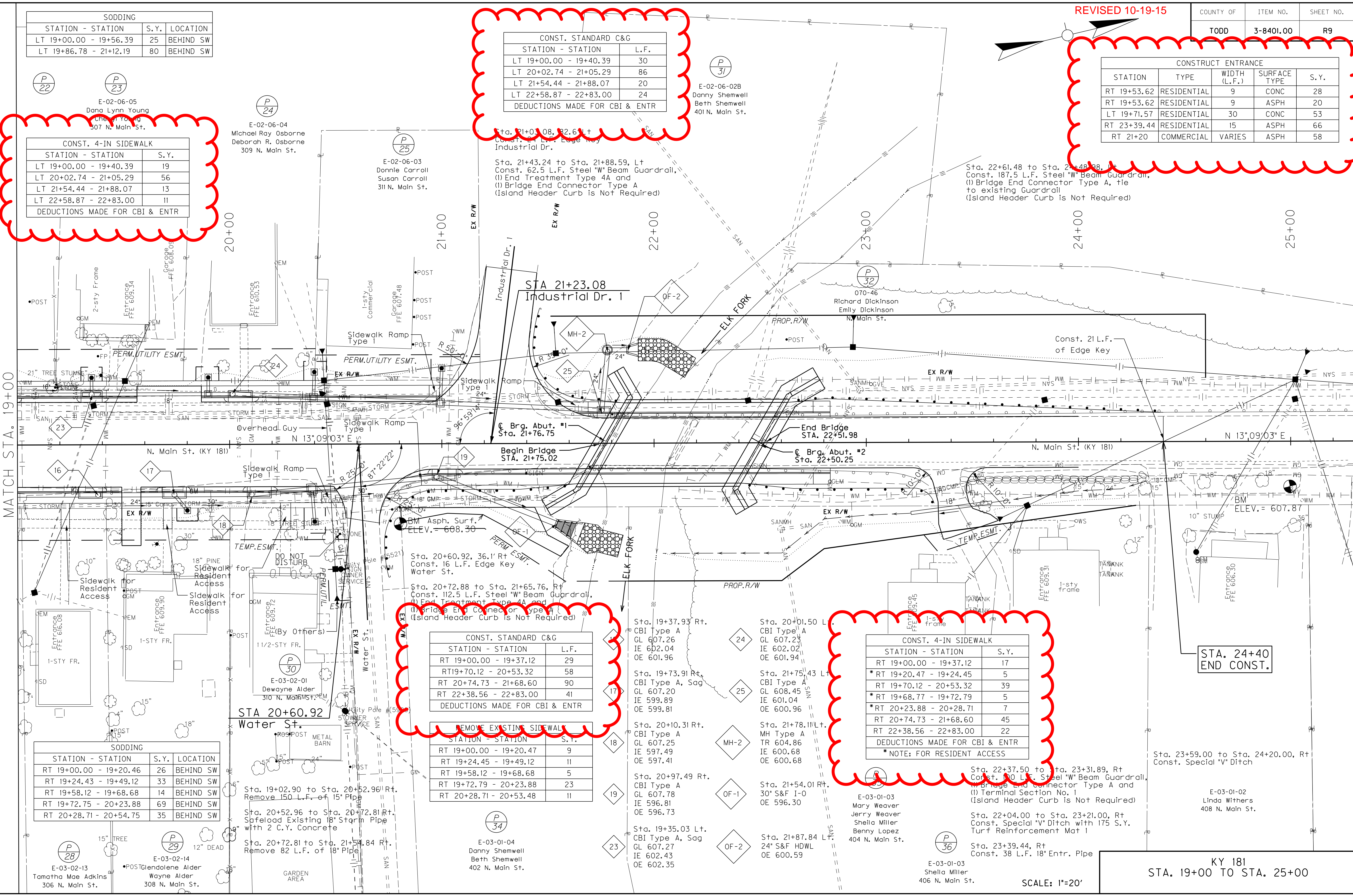
| SODDING                |      |           |
|------------------------|------|-----------|
| STATION - STATION      | S.Y. | LOCATION  |
| RT 19+00.00 - 19+20.46 | 26   | BEHIND SW |
| RT 19+24.43 - 19+49.12 | 33   | BEHIND SW |
| RT 19+58.12 - 19+68.68 | 14   | BEHIND SW |
| RT 19+72.75 - 20+23.88 | 69   | BEHIND SW |
| RT 20+28.71 - 20+54.75 | 35   | BEHIND SW |

| CONST. STANDARD C&G    |      |
|------------------------|------|
| STATION - STATION      | L.F. |
| RT 19+00.00 - 19+37.12 | 29   |
| RT 19+70.12 - 20+53.32 | 58   |
| RT 20+74.73 - 21+68.60 | 90   |
| RT 22+38.56 - 22+83.00 | 41   |

| REMOVE EXISTING SIDEWALK |      |
|--------------------------|------|
| STATION - STATION        | S.Y. |
| RT 19+00.00 - 19+20.47   | 9    |
| RT 19+24.45 - 19+49.12   | 11   |
| RT 19+58.12 - 19+68.68   | 5    |
| RT 19+72.79 - 20+23.88   | 23   |
| RT 20+28.71 - 20+53.48   | 11   |

| CONST. 4-IN SIDEWALK    |      |
|-------------------------|------|
| STATION - STATION       | S.Y. |
| RT 19+00.00 - 19+37.12  | 17   |
| *RT 19+20.47 - 19+24.45 | 5    |
| *RT 19+70.12 - 20+53.32 | 39   |
| *RT 19+68.77 - 19+72.79 | 5    |
| *RT 20+23.88 - 20+28.71 | 7    |
| RT 20+74.73 - 21+68.60  | 45   |
| RT 22+38.56 - 22+83.00  | 22   |

| SODDING                |      |           |
|------------------------|------|-----------|
| STATION - STATION      | S.Y. | LOCATION  |
| RT 19+00.00 - 19+20.46 | 26   | BEHIND SW |
| RT 19+24.43 - 19+49.12 | 33   | BEHIND SW |
| RT 19+58.12 - 19+68.68 | 14   | BEHIND SW |
| RT 19+72.75 - 20+23.88 | 69   | BEHIND SW |
| RT 20+28.71 - 20+54.75 | 35   | BEHIND SW |



STA. 24+40  
END CONST.

Sta. 23+59.00 to Sta. 24+20.00, Rt Const. Special 'V' Ditch

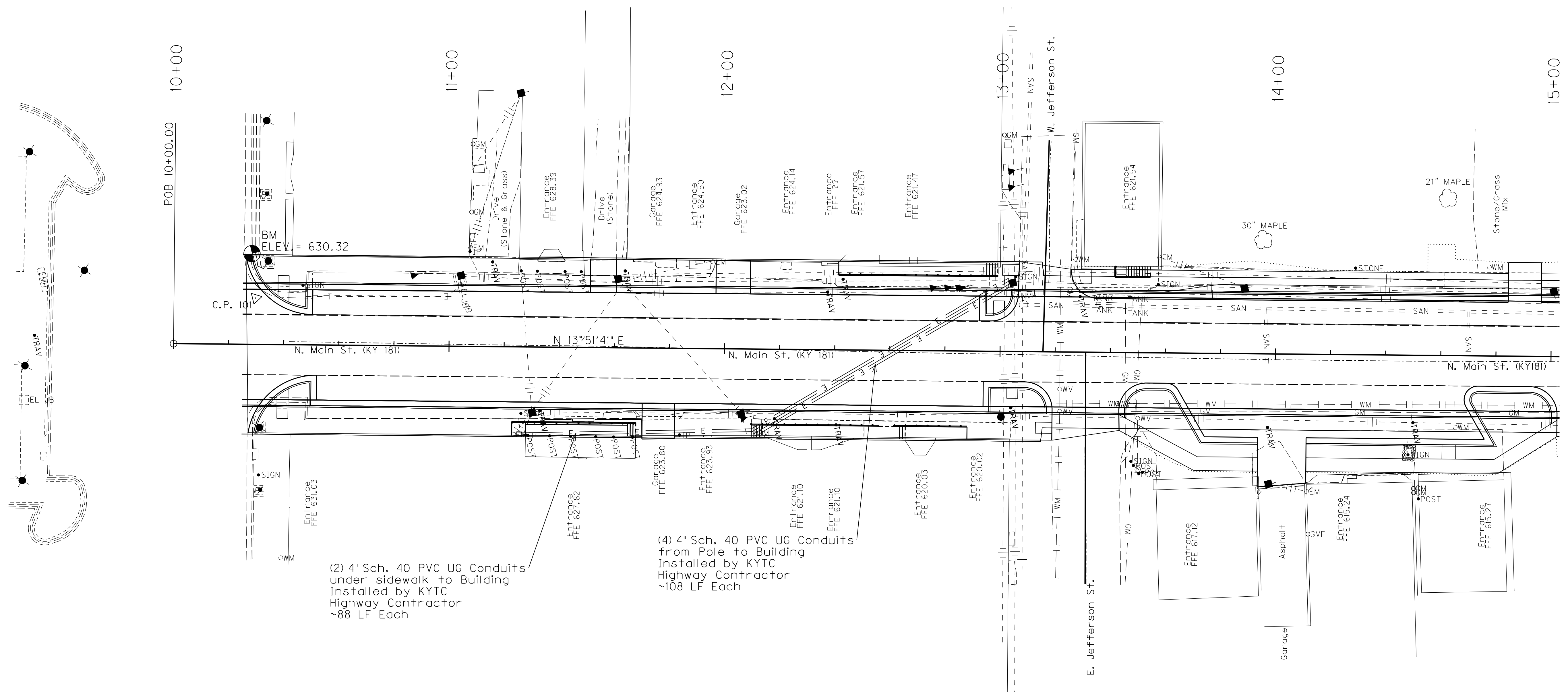
E-03-01-02  
Linda Withers  
408 N. Main St.

KY 181  
STA. 19+00 TO STA. 25+00

SCALE: 1"=20'



MicroStation v8.11.7.443 E-SHEET NAME: R03300DS USER: imiroclic DATE PLOTTED: September 25, 2015 FILE NAME: M:\PROJ\13\0037 KYTC - TODD KY 181\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ESHEETS\R03300DS.DGN



POB 10+00.00 10+00

11+00

12+00

13+00

14+00

15+00

BM ELEV. = 630.32

C.P. 101

N. Main St. (KY 181)

N 13°51'41" E

N. Main St. (KY 181)

W. Jefferson St.

E. Jefferson St.

21" MAPLE

30" MAPLE

STONE

Stone/Grass Mix

Entrance FFE 631.03

Entrance FFE 627.82

Garage FFE 629.80

Entrance FFE 623.93

Entrance FFE 621.10

Entrance FFE 621.10

Entrance FFE 620.05

Entrance FFE 620.02

Entrance FFE 617.12

Garage

Asphalt

OGVE FFE 615.24

Entrance FFE 615.21

(2) 4" Sch. 40 PVC UG Conduits under sidewalk to Building Installed by KYTC Highway Contractor ~88 LF Each

(4) 4" Sch. 40 PVC UG Conduits from Pole to Building Installed by KYTC Highway Contractor ~108 LF Each

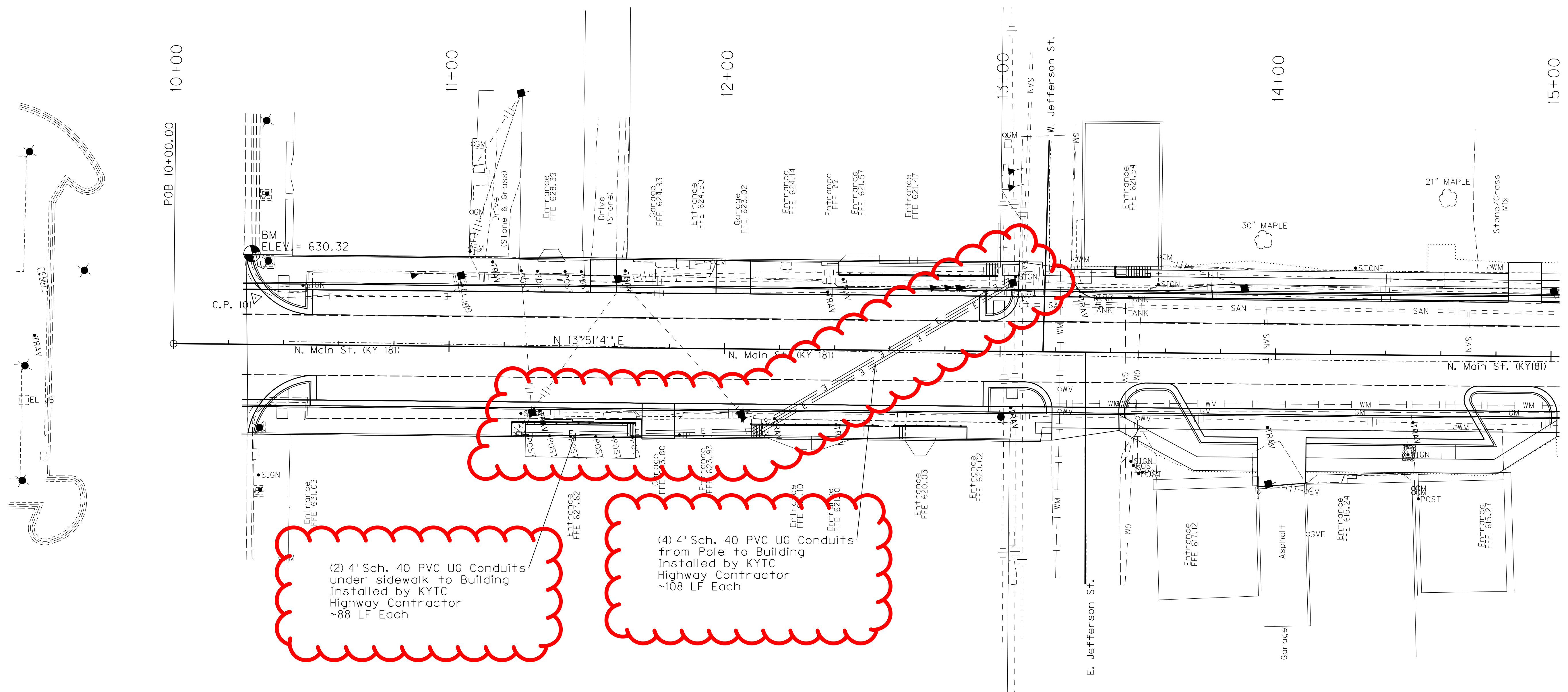
SCALE: 1" = 20'

KY 181  
STA. 11+22 TO STA. 13+04  
ELECTRIC CONDUIT DETAIL



REVISED 10-19-15

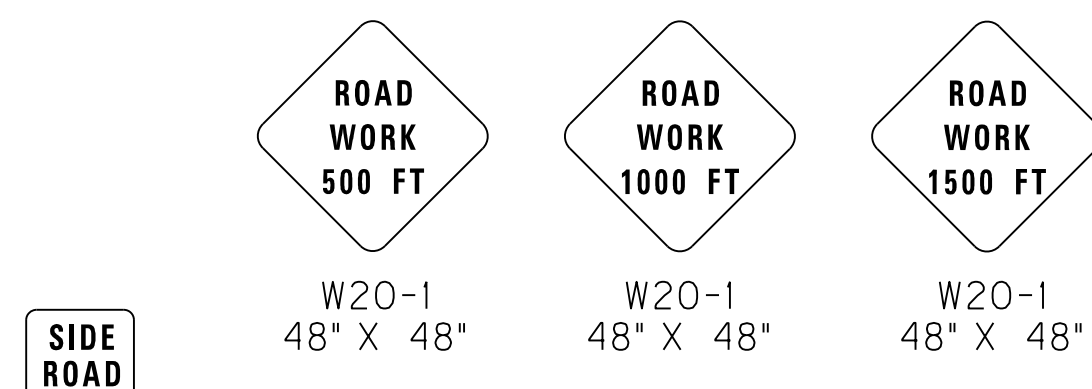
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SCALE: 1"= 20'

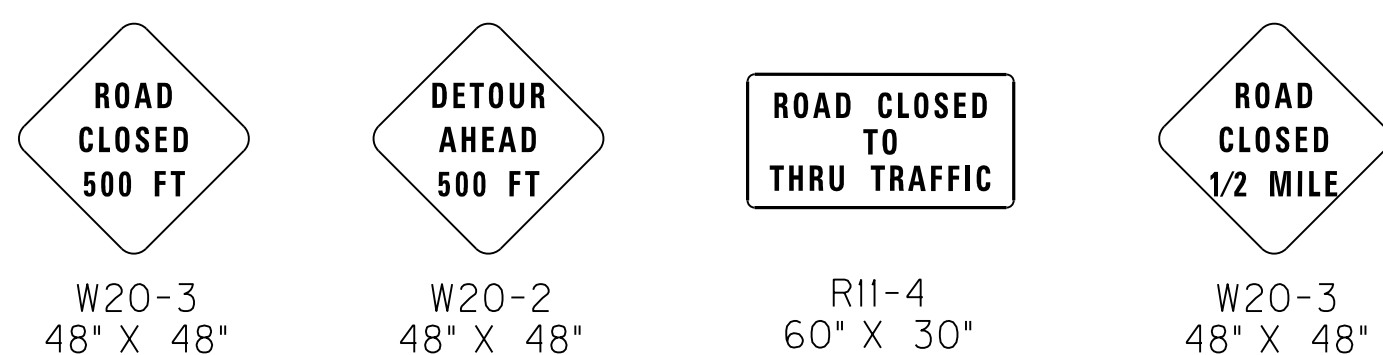
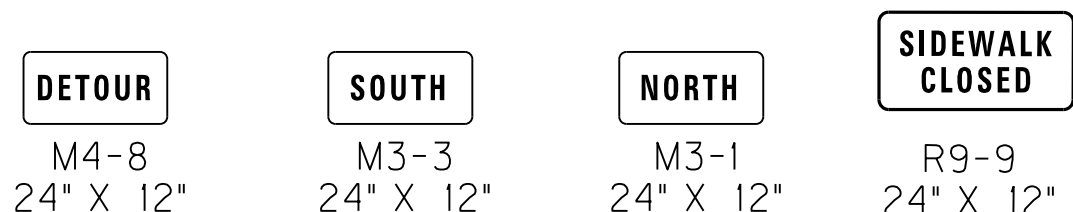
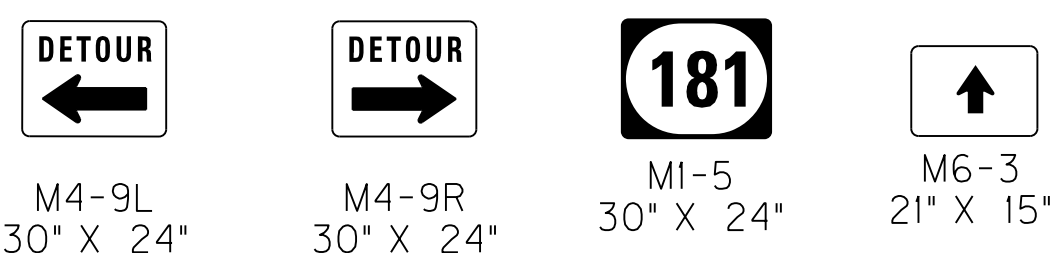
KY 181  
 STA. 11+22 TO STA. 13+04  
 ELECTRIC CONDUIT DETAIL

"ROAD WORK" SIGNS TO BE PLACED ALONG US 68X THROUGHOUT THE DURATION OF KY 181 CONSTRUCTION, AT APPROPRIATE LOCATIONS TO WARN THE PUBLIC AHEAD OF THE CONSTRUCTION ACTIVITY AREA. US 68X SIGNS SHALL INCORPORATE A "SIDE ROAD" SIGN.



"SIDE ROAD" SHALL BE MOUNTED ON "ROAD WORK" SIGN POST WHERE APPLICABLE.

"ROAD CLOSED" ON KY 181 UNTIL REOPENED THEN "ROAD WORK"



**LEGEND**

- BRIDGE PHASE
- PHASE I CONSTRUCTION
- PHASE II CONSTRUCTION
- PHASE III CONSTRUCTION
- PHASE IV CONSTRUCTION
- SIGN
- CHANNELIZING DEVICE
- TRAFFIC MOVEMENT INDICATOR (NOT FOR STRIPING)
- TYPE III BARRICADE
- LUMINAIRE
- TEMPORARY BARRIER WALL

**PAVEMENT DROP-OFF**

A PAVEMENT EDGE THAT TRAFFIC IS NOT EXPECTED TO CROSS, EXCEPT ACCIDENTALLY, SHOULD BE TREATED AS FOLLOWS:

- LESS THAN TWO INCHES - NO PROTECTION REQUIRED. WARNING SIGNS SHOULD BE PLACED IN ADVANCE AND THROUGHOUT THE DROP-OFF AREA.
- TWO TO FOUR INCHES - PLASTIC DRUMS, VERTICAL PANELS OR BARRICADES EVERY 100 FEET ON TANGENT SECTIONS FOR SPEEDS OF 50 MPH OR GREATER. CONES MAY BE USED IN PLACE OF PLASTIC DRUMS, PANELS AND BARRICADES DURING DAYLIGHT HOURS. FOR TANGENT SECTIONS WITH SPEEDS LESS THAN 50 MPH AND FOR CURVES, DEVICES SHOULD BE PLACED EVERY 50 FEET. SPACING OF DEVICES ON TAPERED SECTIONS SHOULD BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
- GREATER THAN FOUR INCHES - POSITIVE SEPARATION OR WEDGE WITH 3:1 OR FLATTER SLOPE NEEDED. IF THERE IS FIVE FEET OR MORE DISTANCE BETWEEN THE EDGE OF THE PAVEMENT AND THE DROP-OFF, THEN DRUMS, PANEL, OR BARRICADES MAY BE USED. IF THE DROP-OFF IS GREATER THAN 12 INCHES, POSITIVE SEPARATION IS STRONGLY ENCOURAGED. IF CONCRETE BARRIERS ARE USED, SPECIAL REFLECTIVE DEVICES OR STEADY BURN LIGHTS SHOULD BE USED FOR OVERNIGHT INSTALLATIONS.

FOR TEMPORARY CONDITIONS, DROP-OFFS GREATER THAN FOUR INCHES MAY BE PROTECTED WITH PLASTIC DRUMS, VERTICAL PANELS OR BARRICADES FOR SHORT DISTANCES DURING DAYLIGHT HOURS WHILE WORK IS BEING DONE IN THE DROP-OFF AREA.

LESSER TREATMENTS THAN THOSE DESCRIBED ABOVE MAY BE CONSIDERED FOR LOW-VOLUME LOCAL STREETS.

PAYMENT WILL BE ALLOWED FOR CSB MATERIAL USED FOR WEDGING.

**PHASING NOTES**

REASONABLE MEANS OF INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL PROPERTIES WITHIN THE PROJECT LIMITS. ACCESS TO FIRE HYDRANTS SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL COORDINATE WITH BUSINESS/PROPERTY OWNERS PRIOR TO LANE AND SIDEWALK CLOSURES TO DISCUSS APPROPRIATE ACCESS REQUIREMENTS.

TEMPORARY ROAD CLOSURES WILL BE PERMITTED ON A BLOCK BY BLOCK BASIS IN ORDER TO CONSTRUCT UTILITY AND CROSS DRAIN CONNECTIONS. APPROPRIATE SIGNAGE FOR ROAD CLOSURE AND DETOUR ROUTE WILL BE REQUIRED AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO ROAD CLOSURE.

**BRIDGE PHASE**

INSTALL DETOUR SIGNAGE AND CLOSE KY 181 FROM INDUSTRIAL DRIVE TO THE END OF THE PROJECT. REMOVE EXISTING BRIDGE. CONSTRUCT BRIDGE AS INDICATED IN THE PLANS. OTHER LANE OR ROADWAY CLOSURES WILL NOT BE PERMITTED WHILE THE BRIDGE IS CLOSED. REOPEN KY 181 ONCE BRIDGE CONSTRUCTION IS COMPLETE.

THE CONTRACTOR WILL BE ALLOWED 60 CALENDAR DAYS OF ROAD CLOSURE TO COMPLETE CONSTRUCTION OF THE BRIDGE. ANY DAY THE ROAD IS CLOSED BEYOND SIXTY (60) CALENDAR DAYS, THE CONTRACTOR WILL BE CHARGED LIQUIDATED DAMAGES PER THE CONTRACT AMOUNT.

**PHASE I (JEFFERSON TO INDUSTRIAL - RIGHT SIDE)**

INSTALL ROAD WORK SIGNAGE AT BEGINNING AND END OF PROJECT. CONSTRUCT TEMPORARY PAVEMENT AT LT. STA. 19+70 TO STA. 20+40 UTILIZING TEMPORARY LANE OR SHOULDER CLOSURE AS REQUIRED. MAINTAIN CATCH BASINS AT LT. STA. 19+25 AND LT. STA. 20+36. SHIFT TRAFFIC (TWO-WAY) TO LEFT SIDE OF KY 181 FROM JEFFERSON STREET TO INDUSTRIAL DRIVE. PERFORM UTILITY RELOCATION (WATER AND SEWER) AND CONSTRUCT PAVEMENT, SIDEWALK AND STORM DRAINAGE RT. STA. 13+31 TO RT. STA. 21+70. CONSTRUCT PAVEMENT TO TOP BASE COURSE. USE SIDEWALK CLOSED SIGNS WHERE APPROPRIATE DURING CONSTRUCTION ACTIVITIES. FULL CLOSURE OF WATER STREET WILL BE ALLOWED TO PERFORM UTILITY RELOCATION.

**PHASE II (JEFFERSON TO INDUSTRIAL - LEFT SIDE)**

CLOSE LEFT SIDE OF KY 181 FROM JEFFERSON STREET TO INDUSTRIAL DRIVE. MAINTAIN ONE-LANE TRAVEL WITH FLAGGERS NO MORE THAN ONE BLOCK AT A TIME. ROADWAY MUST BE OPENED TWO-LANE/TWO-WAY TRAVEL AT THE END OF EACH WORK DAY, AS DIRECTED BY ENGINEER. MAINTAIN CATCH BASINS AT LT. STA. 19+25 AND LT. STA. 20+36. COMPLETE REMAINING UTILITY RELOCATION (WATER AND SEWER) AND CONSTRUCT PAVEMENT, SIDEWALK, AND STORM DRAINAGE LT. STA. 13+06 TO LT. STA. 20+97. CONSTRUCT PAVEMENT TO TOP BASE COURSE. USE SIDEWALK CLOSED SIGNS WHERE APPROPRIATE DURING CONSTRUCTION ACTIVITIES. FULL CLOSURE OF INDUSTRIAL DRIVE WILL NOT BE PERMITTED.

**PHASE III (COURTHOUSE SQUARE TO JEFFERSON)**

RE-OPEN KY 181 FROM JEFFERSON STREET TO THE END OF THE PROJECT. CLOSE THE SIDEWALK ON BOTH SIDES OF KY 181 FROM COURTHOUSE SQUARE TO JEFFERSON STREET. A TEMPORARY ROAD CLOSURE WILL BE ALLOWED TO INSTALL THE ELECTRICAL BURIED CONDUIT WITHIN THIS BLOCK. COORDINATION WITH PENNSYLVANIA RURAL ELECTRIC COOPERATIVE (PRECC) WILL BE REQUIRED. PRECC MUST BE NOTIFIED TO COMPLETE RELOCATION USING THE INSTALLED CONDUIT BEFORE THE FIVE POWER POLES (LT. STA. 11+05, RT. STA. 11+30, LT. STA. 11+60, RT. STA. 12+05, AND RT. STA. 13+00) CAN BE REMOVED. CONSTRUCT PAVEMENT, SIDEWALK, LIGHTING BASES AND CONDUITS, AND STORM DRAINAGE STA. 10+26 TO STA. 13+19 UTILIZING TEMPORARY LANE CLOSURES AS APPROPRIATE WITH FLAGGERS. TWO-LANE/TWO-WAY TRAVEL MUST BE MAINTAINED WHEN CONSTRUCTION ACTIVITIES ARE NOT OCCURRING. CONSTRUCT PAVEMENT TO THE TOP BASE COURSE. USE SIDEWALK CLOSED SIGNS WHERE APPROPRIATE DURING CONSTRUCTION ACTIVITIES.

**PHASE IV (COURTHOUSE SQUARE TO JEFFERSON)**

RE-OPEN THE SIDEWALKS FROM THE COURTHOUSE SQUARE TO JEFFERSON STREET. MILL EXISTING PAVEMENT ON KY 181 FROM STA. 10+26 TO STA. 13+74 UTILIZING TEMPORARY LANE CLOSURES AS APPROPRIATE WITH FLAGGERS.

**PHASE V (ENTIRE PROJECT)**

CONSTRUCT FULL WIDTH FINAL SURFACE AND INSTALL SIGNAGE AND PAVEMENT STRIPING FROM STA. 10+26 TO STA. 24+40 UTILIZING TEMPORARY LANE CLOSURES WITH FLAGGERS.

**GENERAL NOTES**

1. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE STANDARD DRAWINGS, CURRENT EDITIONS.
2. EXCEPT FOR THE ROADWAY AND TRAFFIC CONTROL BID ITEMS LISTED, ALL ITEMS OF WORK NECESSARY TO MAINTAIN AND CONTROL TRAFFIC WILL BE PAID AT THE LUMP SUM BID PRICE TO "MAINTAIN AND CONTROL TRAFFIC" AS SET FORTH IN THE CURRENT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION UNLESS OTHERWISE PROVIDED FOR IN THESE NOTES. THE LUMP SUM BID TO "MAINTAIN AND CONTROL TRAFFIC" SHALL ALSO INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING ITEMS AND OPERATIONS:
  - A. ALL GRADING AND NECESSARY DRAINAGE (UNLESS A BID ITEM FOR DETOUR CONSTRUCTION IS INCLUDED) FOR THE TEMPORARY ROADWAY AND REMOVAL THEREOF, WHEN IT IS NO LONGER NEEDED. IF A BID ITEM FOR DETOUR CONSTRUCTION IS INCLUDED, GRADING AND DRAINAGE WILL BE PAID FOR IN THE BID ITEM "DETOUR CONSTRUCTION".
  - B. ALL LABOR AND MATERIALS NECESSARY FOR CONSTRUCTION AND MAINTENANCE OF TRAFFIC CONTROL DEVICES AND MARKINGS.
  - C. ALL FLAGPERSONS AND TRAFFIC CONTROL DEVICES SUCH AS, BUT NOT LIMITED TO, FLASHERS, SIGNS BARRICADES AND VERTICAL PANELS, PLASTIC DRUMS (STEEL DRUMS WILL NOT BE PERMITTED) AND CONES NECESSARY FOR THE CONTROL AND PROTECTION OF VEHICULAR AND PEDESTRIAN TRAFFIC AS SPECIFIED IN THESE NOTES, THE PLANS, THE MUTCD OR THE ENGINEER.
3. ANY TEMPORARY TRAFFIC CONTROL ITEMS, DEVICES, MATERIALS AND INCIDENTALS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR WHEN NO LONGER NEEDED.
4. THE CONTRACTOR SHALL MAINTAIN A TWO-LANE TRAVELED WAY WITH A MINIMUM LANE WIDTH OF 10 FEET. HOWEVER, DURING WORKING HOURS, ONE-WAY TRAFFIC MAY BE ALLOWED AT THE DISCRETION OF THE ENGINEER, PROVIDED ADEQUATE SIGNING AND A FLAGPERSON ARE AT THE LOCATION.
5. THE CONTRACTOR SHALL COMPLETELY COVER ANY SIGNS, EITHER EXISTING, PERMANENT OR TEMPORARY, WHICH DO NOT PROPERLY APPLY TO THE CURRENT TRAFFIC PHASING, AND SHALL MAINTAIN THE COVERING UNTIL THE SIGNS ARE APPLICABLE OR ARE REMOVED.
6. IN GENERAL, ALL TRAFFIC CONTROL DEVICES SHALL BE PLACED STARTING AND PROCEEDING IN THE DIRECTION OF THE FLOW OF TRAFFIC AND REMOVED STARTING AND PROCEEDING IN THE DIRECTION OPPOSITE THE FLOW OF TRAFFIC.
7. THE ENGINEER AND THE CONTRACTOR, OR THEIR AUTHORIZED REPRESENTATIVES, SHALL REVIEW THE SIGNING BEFORE TRAFFIC IS ALLOWED TO USE ANY LANE CLOSURES, CROSSOVERS OR DETOURS. ALL SIGNING SHALL BE APPROVED BY THE ENGINEER BEFORE WORK CAN BE STARTED BY THE CONTRACTOR.
8. IF THE CONTRACTOR DESIRES TO DEVIATE FROM THE TRAFFIC CONTROL SCHEME AND CONSTRUCTION SCHEDULE OUTLINED IN THESE PLANS AND THIS PROPOSAL, HE SHALL PREPARE AN ALTERNATE PLAN AND PRESENT IT IN WRITING TO THE ENGINEER. THIS ALTERNATE PLAN CAN BE USED ONLY AFTER REVIEW AND APPROVAL OF THE DIVISIONS OF TRAFFIC, DESIGN AND CONSTRUCTION, AND THE FEDERAL HIGHWAY ADMINISTRATION, WHERE APPLICABLE.
9. IF TRAFFIC SHOULD BE STOPPED DUE TO CONSTRUCTION OPERATIONS AND AN EMERGENCY VEHICLE ON AN OFFICIAL EMERGENCY RUN ARRIVES AT THE SCENE, THE CONTRACTOR SHALL MAKE THE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.
10. ALL SIGNS NECESSARY FOR A MARKED DETOUR WILL BE PROVIDED BY THE CONTRACTOR AS REQUIRED BY STANDARD DRAWINGS AND THE MUTCD. SIGNS OUTSIDE THE PROJECT LIMITS SHALL BE PAID FOR BY THE SQUARE FOOT. THIS QUANTITY SHALL INCLUDE SIGN MOUNTING HARDWARE AND POSTS.

**BLASTING OPERATIONS**

During blasting operations, traffic may be halted for a maximum of twenty minutes per hour to allow execution of the "shot" and allow for removal of rock fragments and debris. Traffic stoppage will not be permitted between the hours of 6:30 A.M. and 8:30 A.M. or 3:00 P.M. and 5:30 P.M.

Approved by: \_\_\_\_\_  
 \_\_\_\_\_ Date \_\_\_\_\_ District Design Engineer  
 \_\_\_\_\_ Date \_\_\_\_\_ District Traffic Engineer  
 \_\_\_\_\_ Date \_\_\_\_\_ District Construction Engineer



REVISED 10-19-15

GENERAL NOTES

- TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE STANDARD DRAWINGS, CURRENT EDITIONS.
- EXCEPT FOR THE ROADWAY AND TRAFFIC CONTROL BID ITEMS LISTED, ALL ITEMS OF WORK NECESSARY TO MAINTAIN AND CONTROL TRAFFIC WILL BE PAID AT THE LUMP SUM BID PRICE TO "MAINTAIN AND CONTROL TRAFFIC" AS SET FORTH IN THE CURRENT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION UNLESS OTHERWISE PROVIDED FOR IN THESE NOTES. THE LUMP SUM BID TO "MAINTAIN AND CONTROL TRAFFIC" SHALL ALSO INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING ITEMS AND OPERATIONS:
  - ALL GRADING AND NECESSARY DRAINAGE (UNLESS A BID ITEM FOR DETOUR CONSTRUCTION IS INCLUDED) FOR THE TEMPORARY ROADWAY AND REMOVAL THEREOF, WHEN IT IS NO LONGER NEEDED. IF A BID ITEM FOR DETOUR CONSTRUCTION IS INCLUDED, GRADING AND DRAINAGE WILL BE PAID FOR IN THE BID ITEM "DETOUR CONSTRUCTION".
  - ALL LABOR AND MATERIALS NECESSARY FOR CONSTRUCTION AND MAINTENANCE OF TRAFFIC CONTROL DEVICES AND MARKINGS.
  - ALL FLAGPERSONS AND TRAFFIC CONTROL DEVICES SUCH AS, BUT NOT LIMITED TO, FLASHERS, SIGNS, BARRICADES AND VERTICAL PANELS, PLASTIC DRUMS (STEEL DRUMS WILL NOT BE PERMITTED) AND CONES NECESSARY FOR THE CONTROL AND PROTECTION OF VEHICULAR AND PEDESTRIAN TRAFFIC AS SPECIFIED IN THESE NOTES, THE PLANS, THE MUTCD OR THE ENGINEER.
- ANY TEMPORARY TRAFFIC CONTROL ITEMS, DEVICES, MATERIALS AND INCIDENTALS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR WHEN NO LONGER NEEDED.
- THE CONTRACTOR SHALL MAINTAIN A TWO-LANE TRAVELED WAY WITH A MINIMUM LANE WIDTH OF 10 FEET. HOWEVER, DURING WORKING HOURS, ONE-WAY TRAFFIC MAY BE ALLOWED AT THE DISCRETION OF THE ENGINEER, PROVIDED ADEQUATE SIGNING AND A FLAGPERSON ARE AT THE LOCATION.
- THE CONTRACTOR SHALL COMPLETELY COVER ANY SIGNS, EITHER EXISTING, PERMANENT OR TEMPORARY, WHICH DO NOT PROPERLY APPLY TO THE CURRENT TRAFFIC PHASING, AND SHALL MAINTAIN THE COVERING UNTIL THE SIGNS ARE APPLICABLE OR ARE REMOVED.
- IN GENERAL, ALL TRAFFIC CONTROL DEVICES SHALL BE PLACED STARTING AND PROCEEDING IN THE DIRECTION OF THE FLOW OF TRAFFIC AND REMOVED STARTING AND PROCEEDING IN THE DIRECTION OPPOSITE THE FLOW OF TRAFFIC.
- THE ENGINEER AND THE CONTRACTOR, OR THEIR AUTHORIZED REPRESENTATIVES, SHALL REVIEW THE SIGNING BEFORE TRAFFIC IS ALLOWED TO USE ANY LANE CLOSURES, CROSSOVERS OR DETOURS. ALL SIGNING SHALL BE APPROVED BY THE ENGINEER BEFORE WORK CAN BE STARTED BY THE CONTRACTOR.
- IF THE CONTRACTOR DESIRES TO DEVIATE FROM THE TRAFFIC CONTROL SCHEME AND CONSTRUCTION SCHEDULE OUTLINED IN THESE PLANS AND THIS PROPOSAL, HE SHALL PREPARE AN ALTERNATE PLAN AND PRESENT IT IN WRITING TO THE ENGINEER. THIS ALTERNATE PLAN CAN BE USED ONLY AFTER REVIEW AND APPROVAL OF THE DIVISIONS OF TRAFFIC, DESIGN AND CONSTRUCTION, AND THE FEDERAL HIGHWAY ADMINISTRATION, WHERE APPLICABLE.
- IF TRAFFIC SHOULD BE STOPPED DUE TO CONSTRUCTION OPERATIONS AND AN EMERGENCY VEHICLE ON AN OFFICIAL EMERGENCY RUN ARRIVES AT THE SCENE, THE CONTRACTOR SHALL MAKE THE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.
- ALL SIGNS NECESSARY FOR A MARKED DETOUR WILL BE PROVIDED BY THE CONTRACTOR AS REQUIRED BY STANDARD DRAWINGS AND THE MUTCD. SIGNS OUTSIDE THE PROJECT LIMITS SHALL BE PAID FOR BY THE SQUARE FOOT. THIS QUANTITY SHALL INCLUDE SIGN MOUNTING HARDWARE AND POSTS.

BLASTING OPERATIONS

During blasting operations, traffic may be halted for a maximum of twenty minutes per hour to allow execution of the "shot" and allow for removal of rock fragments and debris. Traffic stoppage will not be permitted between the hours of 6:30 A.M. and 8:30 A.M. or 3:00 P.M. and 5:30 P.M.

Approved by: \_\_\_\_\_  
 \_\_\_\_\_ Date District Design Engineer  
 \_\_\_\_\_ Date District Traffic Engineer  
 \_\_\_\_\_ Date District Construction Engineer

SCALE: 1"=N/A

TRAFFIC CONTROL NOTES

PAVEMENT DROP-OFF

A PAVEMENT EDGE THAT TRAFFIC IS NOT EXPECTED TO CROSS, EXCEPT ACCIDENTALLY, SHOULD BE TREATED AS FOLLOWS:

- LESS THAN TWO INCHES - NO PROTECTION REQUIRED. WARNING SIGNS SHOULD BE PLACED IN ADVANCE AND THROUGHOUT THE DROP-OFF AREA.
- TWO TO FOUR INCHES - PLASTIC DRUMS, VERTICAL PANELS OR BARRICADES EVERY 100 FEET ON TANGENT SECTIONS FOR SPEEDS OF 50 MPH OR GREATER. CONES MAY BE USED IN PLACE OF PLASTIC DRUMS, PANELS AND BARRICADES DURING DAYLIGHT HOURS. FOR TANGENT SECTIONS WITH SPEEDS LESS THAN 50 MPH AND FOR CURVES, DEVICES SHOULD BE PLACED EVERY 50 FEET. SPACING OF DEVICES ON TAPERED SECTIONS SHOULD BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
- GREATER THAN FOUR INCHES - POSITIVE SEPARATION OR WEDGE WITH 3:1 OR FLATTER SLOPE NEEDED. IF THERE IS FIVE FEET OR MORE DISTANCE BETWEEN THE EDGE OF THE PAVEMENT AND THE DROP-OFF, THEN DRUMS, PANEL, OR BARRICADES MAY BE USED. IF THE DROP-OFF IS GREATER THAN 12 INCHES, POSITIVE SEPARATION IS STRONGLY ENCOURAGED. IF CONCRETE BARRIERS ARE USED, SPECIAL REFLECTIVE DEVICES OR STEADY BURN LIGHTS SHOULD BE USED FOR OVERNIGHT INSTALLATIONS.

FOR TEMPORARY CONDITIONS, DROP-OFFS GREATER THAN FOUR INCHES MAY BE PROTECTED WITH PLASTIC DRUMS, VERTICAL PANELS OR BARRICADES FOR SHORT DISTANCES DURING DAYLIGHT HOURS WHILE WORK IS BEING DONE IN THE DROP-OFF AREA.

LESSER TREATMENTS THAN THOSE DESCRIBED ABOVE MAY BE CONSIDERED FOR LOW-VOLUME LOCAL STREETS.

PAYMENT WILL BE ALLOWED FOR CSB MATERIAL USED FOR WEDGING.

PHASING NOTES

REASONABLE MEANS OF INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL PROPERTIES WITHIN THE PROJECT LIMITS. ACCESS TO FIRE HYDRANTS SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL COORDINATE WITH BUSINESS/PROPERTY OWNERS PRIOR TO LANE AND SIDEWALK CLOSURES TO DISCUSS APPROPRIATE ACCESS REQUIREMENTS.

TEMPORARY ROAD CLOSURES WILL BE PERMITTED ON A BLOCK BY BLOCK BASIS IN ORDER TO CONSTRUCT UTILITY AND CROSS DRAIN CONNECTIONS. APPROPRIATE SIGNAGE FOR ROAD CLOSURE AND DETOUR ROUTE WILL BE REQUIRED AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO ROAD CLOSURE.

BRIDGE PHASE  
 INSTALL DETOUR SIGNAGE AND CLOSE KY 181 FROM INDUSTRIAL DRIVE TO THE END OF THE PROJECT. REMOVE EXISTING BRIDGE. CONSTRUCT BRIDGE AS INDICATED IN THE PLANS. OTHER LANE OR ROADWAY CLOSURES WILL NOT BE PERMITTED WHILE THE BRIDGE IS CLOSED. REOPEN KY 181 ONCE BRIDGE CONSTRUCTION IS COMPLETE.

THE CONTRACTOR WILL BE ALLOWED 60 CALENDAR DAYS OF ROAD CLOSURE TO COMPLETE CONSTRUCTION OF THE BRIDGE. ANY DAY THE ROAD IS CLOSED BEYOND SIXTY (60) CALENDAR DAYS, THE CONTRACTOR WILL BE CHARGED LIQUIDATED DAMAGES PER THE CONTRACT AMOUNT.

PHASE I (JEFFERSON TO INDUSTRIAL - RIGHT SIDE)  
 INSTALL ROAD WORK SIGNAGE AT BEGINNING AND END OF PROJECT. CONSTRUCT TEMPORARY PAVEMENT AT LT. STA. 19+70 TO STA. 20+40 UTILIZING TEMPORARY LANE OR SHOULDER CLOSURE AS REQUIRED. MAINTAIN CATCH BASINS AT LT. STA. 19+25 AND LT. STA. 20+36. SHIFT TRAFFIC (TWO-WAY) TO LEFT SIDE OF KY 181 FROM JEFFERSON STREET TO INDUSTRIAL DRIVE. PERFORM UTILITY RELOCATION (WATER AND SEWER) AND CONSTRUCT PAVEMENT, SIDEWALK AND STORM DRAINAGE RT. STA. 13+31 TO RT. STA. 21+70. CONSTRUCT PAVEMENT TO TOP BASE COURSE. USE SIDEWALK CLOSED SIGNS WHERE APPROPRIATE DURING CONSTRUCTION ACTIVITIES. FULL CLOSURE OF WATER STREET WILL BE ALLOWED TO PERFORM UTILITY RELOCATION.

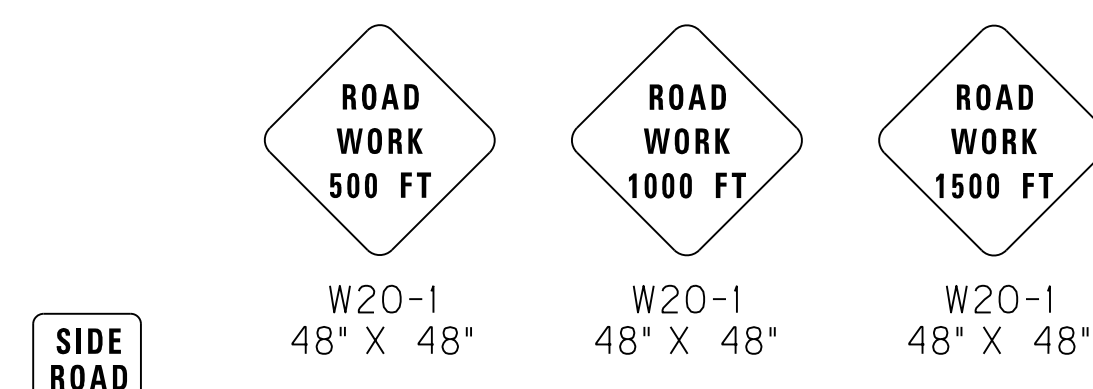
PHASE II (JEFFERSON TO INDUSTRIAL - LEFT SIDE)  
 CLOSE LEFT SIDE OF KY 181 FROM JEFFERSON STREET TO INDUSTRIAL DRIVE. MAINTAIN ONE-LANE TRAVEL WITH FLAGGERS NO MORE THAN ONE BLOCK AT A TIME. ROADWAY MUST BE OPENED TWO-LANE/TWO-WAY TRAVEL AT THE END OF EACH WORK DAY, AS DIRECTED BY ENGINEER. MAINTAIN CATCH BASINS AT LT. STA. 19+25 AND LT. STA. 20+36. COMPLETE REMAINING UTILITY RELOCATION (WATER AND SEWER) AND CONSTRUCT PAVEMENT, SIDEWALK, AND STORM DRAINAGE LT. STA. 13+06 TO LT. STA. 20+97. CONSTRUCT PAVEMENT TO TOP BASE COURSE. USE SIDEWALK CLOSED SIGNS WHERE APPROPRIATE DURING CONSTRUCTION ACTIVITIES. FULL CLOSURE OF INDUSTRIAL DRIVE WILL NOT BE PERMITTED.

PHASE III (COURTHOUSE SQUARE TO JEFFERSON)  
 RE-OPEN KY 181 FROM JEFFERSON STREET TO THE END OF THE PROJECT. CLOSE THE SIDEWALK ON BOTH SIDES OF KY 181 FROM COURTHOUSE SQUARE TO JEFFERSON STREET. A TEMPORARY ROAD CLOSURE WILL BE ALLOWED TO INSTALL THE ELECTRICAL BURIED CONDUIT WITHIN THIS BLOCK. COORDINATION WITH PENNSYLVANIA RURAL ELECTRIC COOPERATIVE (PRECC) WILL BE REQUIRED. PRECC MUST BE NOTIFIED TO COMPLETE RELOCATION USING THE INSTALLED CONDUIT BEFORE THE FIVE POWER POLES (LT. STA. 11+05, RT. STA. 11+30, LT. STA. 11+60, RT. STA. 12+05, AND RT. STA. 13+00) CAN BE REMOVED. CONSTRUCT PAVEMENT, SIDEWALK, LIGHTING BASES AND CONDUITS, AND STORM DRAINAGE STA. 10+26 TO STA. 13+19 UTILIZING TEMPORARY LANE CLOSURES AS APPROPRIATE WITH FLAGGERS. TWO-LANE/TWO-WAY TRAVEL MUST BE MAINTAINED WHEN CONSTRUCTION ACTIVITIES ARE NOT OCCURRING. CONSTRUCT PAVEMENT TO THE TOP BASE COURSE. USE SIDEWALK CLOSED SIGNS WHERE APPROPRIATE DURING CONSTRUCTION ACTIVITIES.

PHASE IV (COURTHOUSE SQUARE TO JEFFERSON)  
 RE-OPEN THE SIDEWALKS FROM THE COURTHOUSE SQUARE TO JEFFERSON STREET. MILL EXISTING PAVEMENT ON KY 181 FROM STA. 10+26 TO STA. 13+74 UTILIZING TEMPORARY LANE CLOSURES AS APPROPRIATE WITH FLAGGERS.

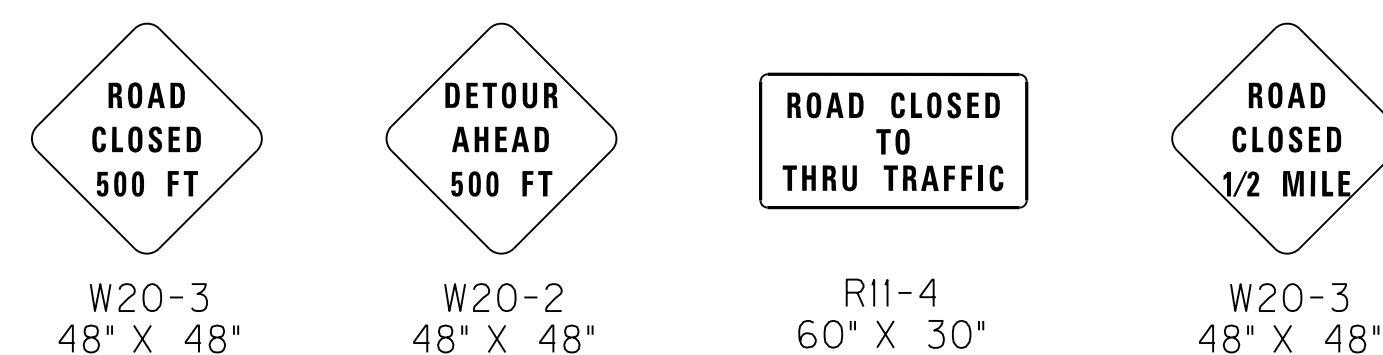
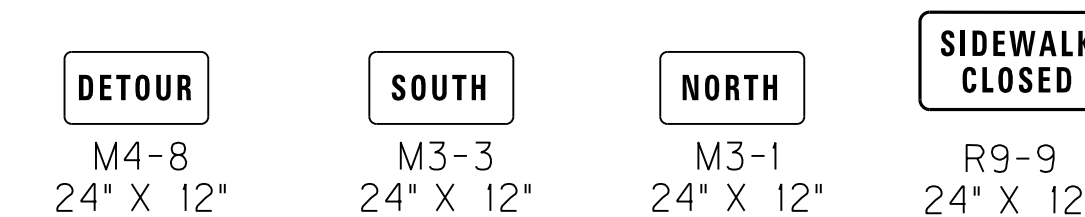
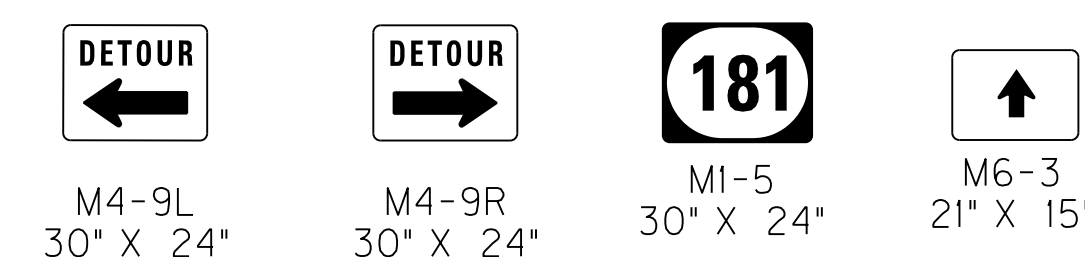
PHASE V (ENTIRE PROJECT)  
 CONSTRUCT FULL WIDTH FINAL SURFACE AND INSTALL SIGNAGE AND PAVEMENT STRIPING FROM STA. 10+26 TO STA. 24+40 UTILIZING TEMPORARY LANE CLOSURES WITH FLAGGERS.

"ROAD WORK" SIGNS TO BE PLACED ALONG US 68X THROUGHOUT THE DURATION OF KY 181 CONSTRUCTION, AT APPROPRIATE LOCATIONS TO WARN THE PUBLIC AHEAD OF THE CONSTRUCTION ACTIVITY AREA. US 68X SIGNS SHALL INCORPORATE A "SIDE ROAD" SIGN.



"SIDE ROAD" SHALL BE MOUNTED ON "ROAD WORK" SIGN POST WHERE APPLICABLE.

"ROAD CLOSED" ON KY 181 UNTIL REOPENED THEN "ROAD WORK"



LEGEND

- BRIDGE PHASE
- PHASE I CONSTRUCTION
- PHASE II CONSTRUCTION
- PHASE III CONSTRUCTION
- PHASE IV CONSTRUCTION
- SIGN
- CHANNELIZING DEVICE
- TRAFFIC MOVEMENT INDICATOR (NOT FOR STRIPING)
- TYPE III BARRICADE
- LUMINAIRE
- TEMPORARY BARRIER WALL

FILE NAME: M:\PROJ\1310037 KYTC - TODD KY 181\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ESHEETS\R03400MT.DGN

USER: imircocle DATE PLOTTED: January 1, 0001

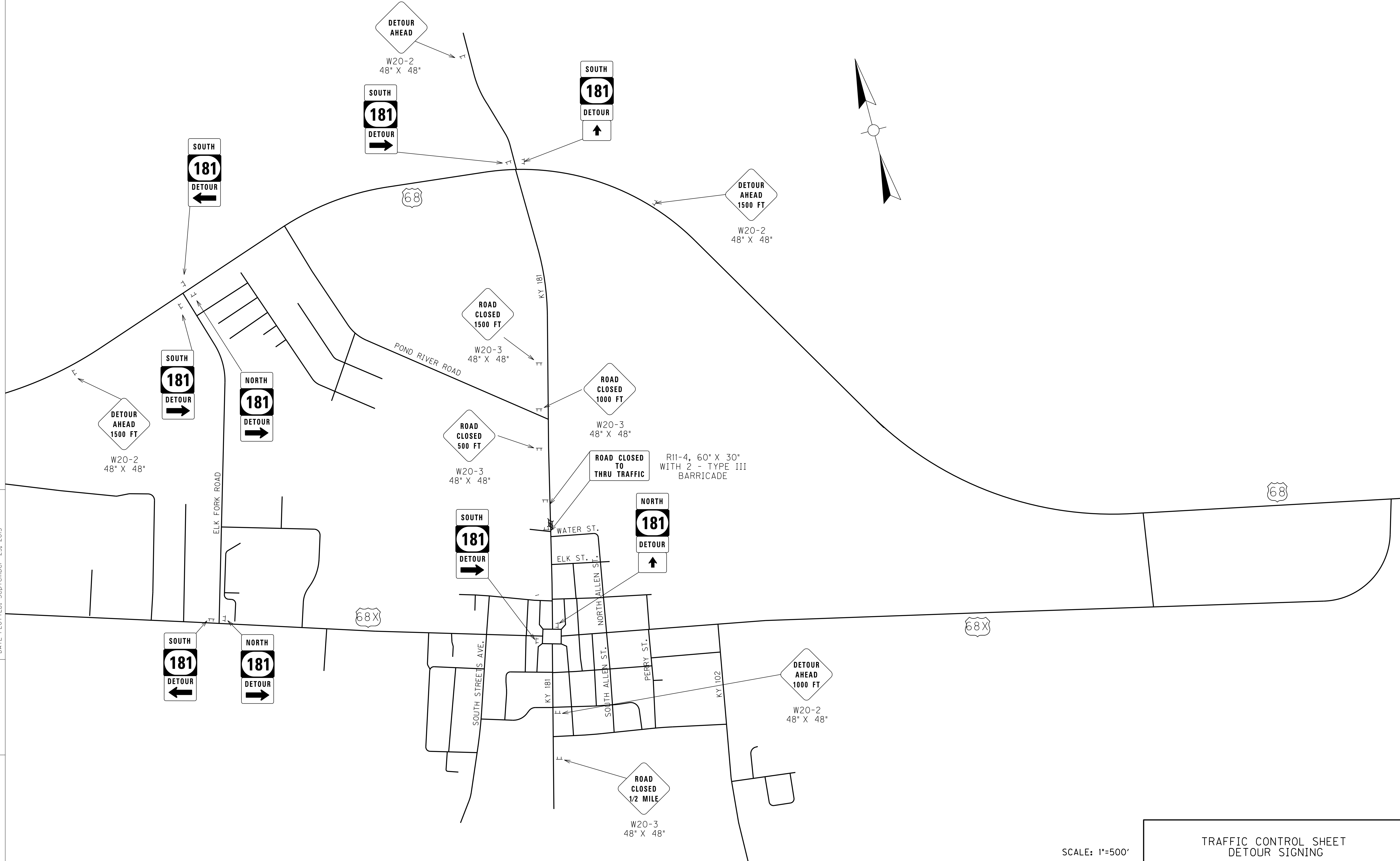
E-SHEET NAME: R03400MT

MicroStation v8.11.7.443



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| COUNTY OF | ITEM NO.  | SHEET NO. |
| TODD      | 3-8401.00 | R35       |

FILE NAME: M:\PROJ\13\0037 KYTC - TODD KY 181\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ESHEETS\R03500MT.DGN  
 USER: imircocle  
 DATE PLOTTED: September 25, 2015  
 E-SHEET NAME: R03500MT  
 MicroStation v8.11.7.443

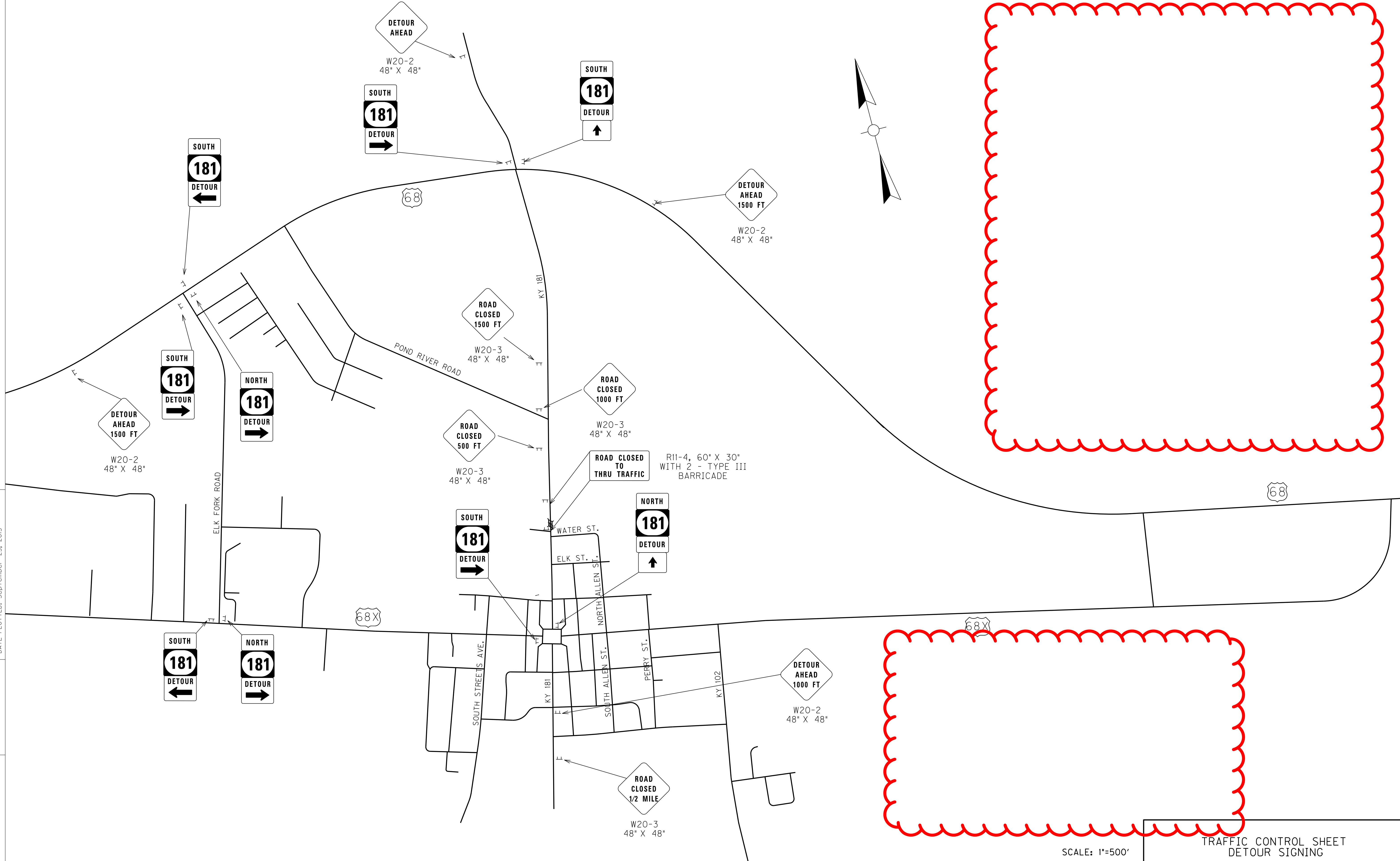


SCALE: 1"=500'

TRAFFIC CONTROL SHEET  
DETOUR SIGNING

| COUNTY OF | ITEM NO.  | SHEET NO. |
|-----------|-----------|-----------|
| TODD      | 3-8401.00 | R35       |

FILE NAME: M:\PROJ\13\0037 KYTC - TODD KY 181\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ESHEETS\R03500MT.DGN  
 USER: imircocle  
 DATE PLOTTED: September 25, 2015  
 E-SHEET NAME: R03500MT  
 MicroStation v8.11.7.443



SCALE: 1"=500'

TRAFFIC CONTROL SHEET  
DETOUR SIGNING

|           |           |           |
|-----------|-----------|-----------|
| COUNTY OF | ITEM NO.  | SHEET NO. |
| TODD      | 3-8401.00 | R36       |

PHASING NOTES

PHASING NOTES

REASONABLE MEANS OF INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL PROPERTIES WITHIN THE PROJECT LIMITS. ACCESS TO FIRE HYDRANTS SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL COORDINATE WITH BUSINESS/PROPERTY OWNERS PRIOR TO LANE AND SIDEWALK CLOSURES TO DISCUSS APPROPRIATE ACCESS REQUIREMENTS.

TEMPORARY ROAD CLOSURES WILL BE PERMITTED ON A BLOCK BY BLOCK BASIS IN ORDER TO CONSTRUCT UTILITY AND CROSS DRAIN CONNECTIONS. APPROPRIATE SIGNAGE FOR ROAD CLOSURE AND DETOUR ROUTE WILL BE REQUIRED AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO ROAD CLOSURE.

**BRIDGE PHASE**  
INSTALL DETOUR SIGNAGE AND CLOSE KY 181 FROM INDUSTRIAL DRIVE TO THE END OF THE PROJECT. REMOVE EXISTING BRIDGE. CONSTRUCT BRIDGE AS INDICATED IN THE PLANS. OTHER LANE OR ROADWAY CLOSURES WILL NOT BE PERMITTED WHILE THE BRIDGE IS CLOSED. REOPEN KY 181 ONCE BRIDGE CONSTRUCTION IS COMPLETE.

THE CONTRACTOR WILL BE ALLOWED 60 CALENDAR DAYS OF ROAD CLOSURE TO COMPLETE CONSTRUCTION OF THE BRIDGE. ANY DAY THE ROAD IS CLOSED BEYOND SIXTY (60) CALENDAR DAYS, THE CONTRACTOR WILL BE CHARGED LIQUIDATED DAMAGES PER THE CONTRACT AMOUNT.

**PHASE I (JEFFERSON TO INDUSTRIAL - RIGHT SIDE)**  
INSTALL ROAD WORK SIGNAGE AT BEGINNING AND END OF PROJECT. CONSTRUCT TEMPORARY PAVEMENT AT LT. STA. 19+70 TO STA. 20+40 UTILIZING TEMPORARY LANE OR SHOULDER CLOSURE AS REQUIRED. MAINTAIN CATCH BASINS AT LT. STA. 19+25 AND LT. STA. 20+36. SHIFT TRAFFIC (TWO-WAY) TO LEFT SIDE OF KY 181 FROM JEFFERSON STREET TO INDUSTRIAL DRIVE. PERFORM UTILITY RELOCATION (WATER AND SEWER) AND CONSTRUCT PAVEMENT, SIDEWALK AND STORM DRAINAGE RT. STA. 13+31 TO RT. STA. 21+70. CONSTRUCT PAVEMENT TO TOP BASE COURSE. USE SIDEWALK CLOSED SIGNS WHERE APPROPRIATE DURING CONSTRUCTION ACTIVITIES. FULL CLOSURE OF WATER STREET WILL BE ALLOWED TO PERFORM UTILITY RELOCATION.

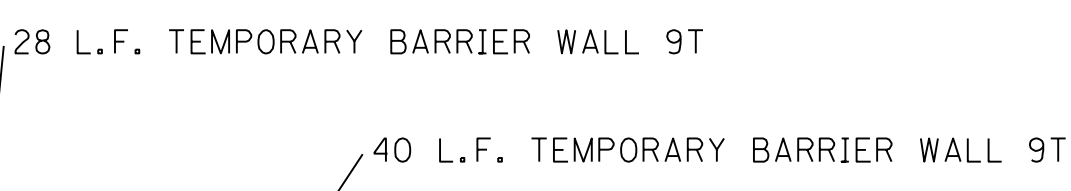
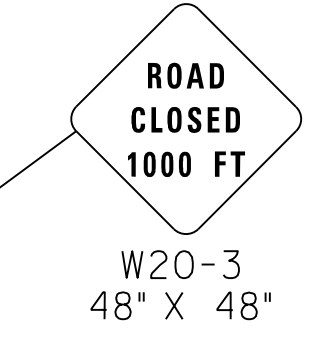
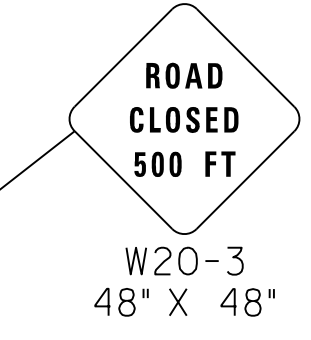
**PHASE II (JEFFERSON TO INDUSTRIAL - LEFT SIDE)**  
CLOSE LEFT SIDE OF KY 181 FROM JEFFERSON STREET TO INDUSTRIAL DRIVE. MAINTAIN ONE-LANE TRAVEL WITH FLAGGERS NO MORE THAN ONE BLOCK AT A TIME. ROADWAY MUST BE OPENED TWO-LANE/TWO-WAY TRAVEL AT THE END OF EACH WORK DAY, AS DIRECTED BY ENGINEER. MAINTAIN CATCH BASINS AT LT. STA. 19+25 AND LT. STA. 20+36. COMPLETE REMAINING UTILITY RELOCATION (WATER AND SEWER) AND CONSTRUCT PAVEMENT, SIDEWALK, AND STORM DRAINAGE LT. STA. 13+06 TO LT. STA. 20+97. CONSTRUCT PAVEMENT TO TOP BASE COURSE. USE SIDEWALK CLOSED SIGNS WHERE APPROPRIATE DURING CONSTRUCTION ACTIVITIES. FULL CLOSURE OF INDUSTRIAL DRIVE WILL NOT BE PERMITTED.

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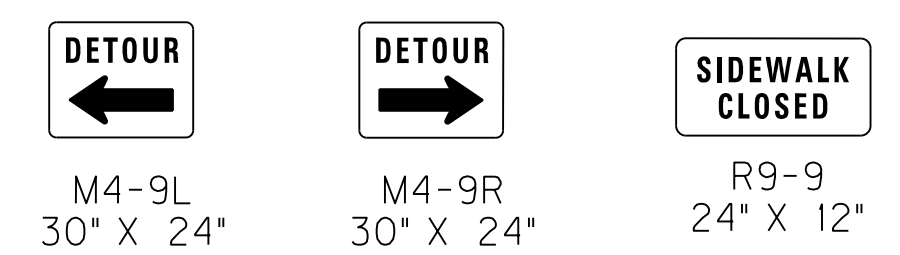
**PHASE IV (COURTHOUSE SQUARE TO JEFFERSON)**  
RE-OPEN THE SIDEWALKS FROM THE COURTHOUSE SQUARE TO JEFFERSON STREET. MILL EXISTING PAVEMENT ON KY 181 FROM STA. 10+26 TO STA. 13+74 UTILIZING TEMPORARY LANE CLOSURES AS APPROPRIATE WITH FLAGGERS.

**PHASE V (ENTIRE PROJECT)**  
CONSTRUCT FULL WIDTH FINAL SURFACE AND INSTALL SIGNAGE AND PAVEMENT STRIPING FROM STA. 10+26 TO STA. 24+40 UTILIZING TEMPORARY LANE CLOSURES WITH FLAGGERS.

\*ROAD CLOSED\* SIGNS (W20-3) MAY BE REPLACED WITH \*ROAD WORK\* SIGNS (W20-1) WHEN ROADWAY IS OPEN TO TRAFFIC

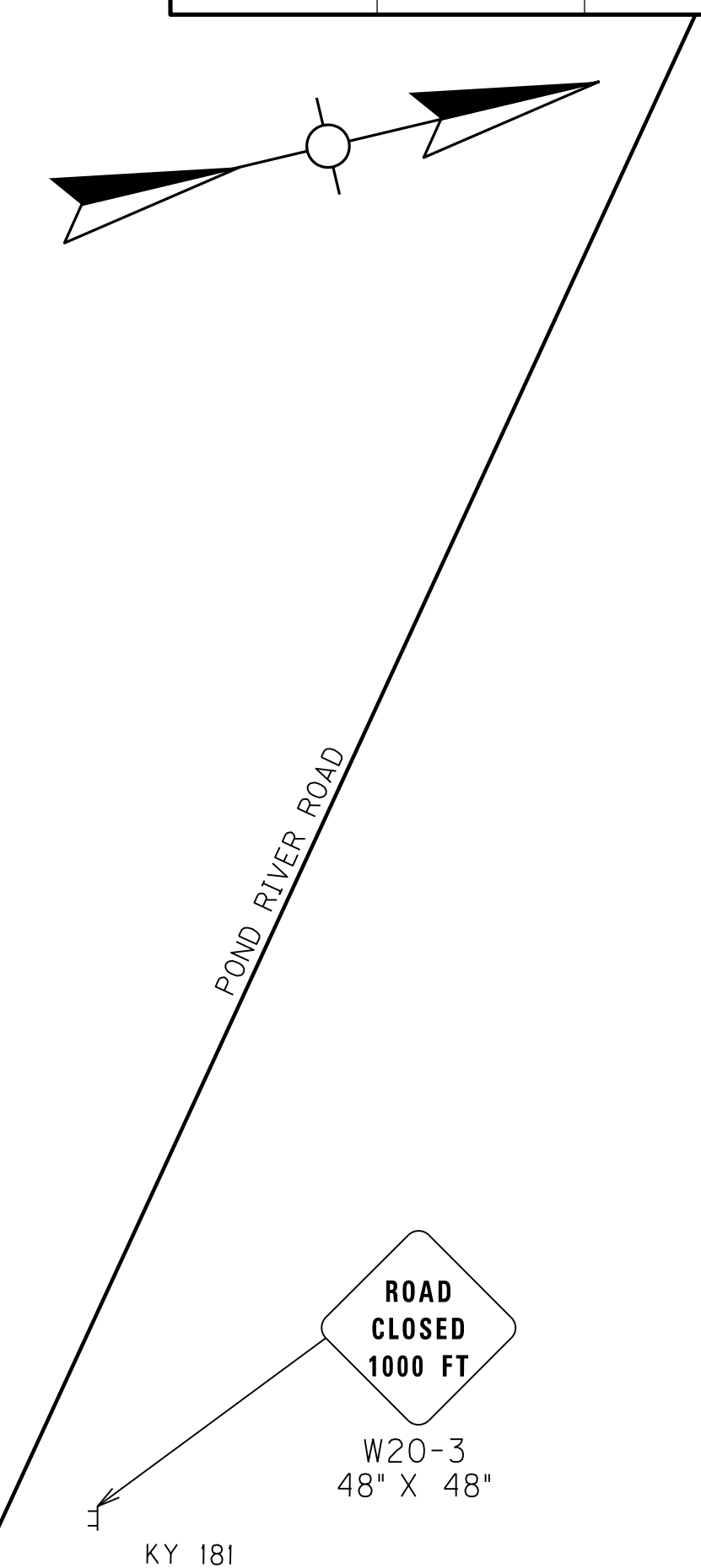
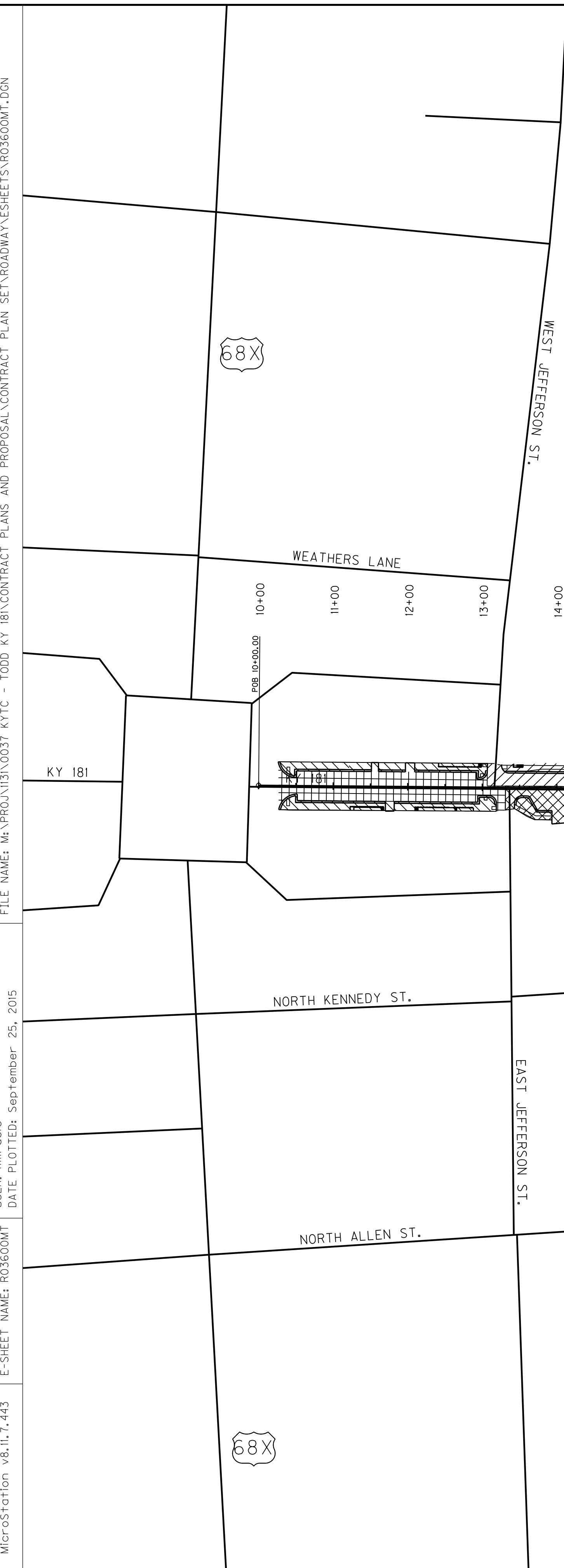


**ROAD CLOSURES**  
APPROPRIATE DETOUR SIGNAGE SHALL BE INSTALLED PRIOR TO BLOCK BY BLOCK ROAD CLOSURES. APPROPRIATE SIGNAGE INCLUDES DETOUR WITH ARROW SIGNS (M4-9L OR M4-9R) AT EACH INTERSECTION, AND 2 - TYPE III BARRICADES WITH ROAD CLOSED SIGN (R11-4) AT EACH END OF THE CLOSURE. CONTRACTOR SHALL REUSE SIGNS FOR EACH BLOCK CLOSURE.



- LEGEND**
- BRIDGE PHASE
  - PHASE I CONSTRUCTION
  - PHASE II CONSTRUCTION
  - PHASE III CONSTRUCTION
  - PHASE IV CONSTRUCTION
  - SIGN
  - CHANNELIZING DEVICE
  - TRAFFIC MOVEMENT INDICATOR (NOT FOR STRIPING)
  - TYPE III BARRICADE
  - LUMINAIRE
  - TEMPORARY BARRIER WALL

FILE NAME: M:\PROJ\1310037 KYTC - TODD KY 181\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ESHEETS\R03600MT.DGN  
 USER: imircocle  
 DATE PLOTTED: September 25, 2015  
 E-SHEET NAME: R03600MT  
 MicroStation v8.11.7.443



SCALE: 1"=100'

TRAFFIC CONTROL SHEET



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|-----------|-----------|-----------|
| COUNTY OF | ITEM NO.  | SHEET NO. |
| TODD      | 3-8401.00 | R36       |

PHASING NOTES

PHASING NOTES

REASONABLE MEANS OF INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL PROPERTIES WITHIN THE PROJECT LIMITS. ACCESS TO FIRE HYDRANTS SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL COORDINATE WITH BUSINESS/PROPERTY OWNERS PRIOR TO LANE AND SIDEWALK CLOSURES TO DISCUSS APPROPRIATE ACCESS REQUIREMENTS.

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**BRIDGE PHASE**  
INSTALL DETOUR SIGNAGE AND CLOSE KY 181 FROM INDUSTRIAL DRIVE TO THE END OF THE PROJECT. REMOVE EXISTING BRIDGE. CONSTRUCT BRIDGE AS INDICATED IN THE PLANS. OTHER LANE OR ROADWAY CLOSURES WILL NOT BE PERMITTED WHILE THE BRIDGE IS CLOSED. REOPEN KY 181 ONCE BRIDGE CONSTRUCTION IS COMPLETE.

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**PHASE I (JEFFERSON TO INDUSTRIAL - RIGHT SIDE)**  
INSTALL ROAD WORK SIGNAGE AT BEGINNING AND END OF PROJECT. CONSTRUCT TEMPORARY PAVEMENT AT LT. STA. 19+70 TO STA. 20+40 UTILIZING TEMPORARY LANE OR SHOULDER CLOSURE AS REQUIRED. MAINTAIN CATCH BASINS AT LT. STA. 19+25 AND LT. STA. 20+36. SHIFT TRAFFIC (TWO-WAY) TO LEFT SIDE OF KY 181 FROM JEFFERSON STREET TO INDUSTRIAL DRIVE. PERFORM UTILITY RELOCATION (WATER AND SEWER) AND CONSTRUCT PAVEMENT, SIDEWALK AND STORM DRAINAGE RT. STA. 13+31 TO RT. STA. 21+70. CONSTRUCT PAVEMENT TO TOP BASE COURSE. USE SIDEWALK CLOSED SIGNS WHERE APPROPRIATE DURING CONSTRUCTION ACTIVITIES. FULL CLOSURE OF WATER STREET WILL BE ALLOWED TO PERFORM UTILITY RELOCATION.

**PHASE II (JEFFERSON TO INDUSTRIAL - LEFT SIDE)**  
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**PHASE V (ENTIRE PROJECT)**  
CONSTRUCT FULL WIDTH FINAL SURFACE AND INSTALL SIGNAGE AND PAVEMENT STRIPING FROM STA. 10+26 TO STA. 24+40 UTILIZING TEMPORARY LANE CLOSURES WITH FLAGGERS.

REVISED 10-19-15

FILE NAME: M:\PROJ\1310037 KYTC - TODD KY 181\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ESHEETS\R03600MT.DGN

USER: imircocle  
DATE PLOTTED: September 25, 2015

E-SHEET NAME: R03600MT

MicroStation v8.11.7.443

68X

68X

WEATHERS LANE

10+00  
11+00  
12+00  
13+00

14+00  
15+00  
16+00  
17+00

18+00  
19+00  
20+00  
21+00

22+00  
23+00  
24+00  
25+00

26+00  
27+00  
28+00  
28+96

KY 181

KY 181

NORTH KENNEDY ST.

NORTH KENNEDY ST.

NORTH ALLEN ST.

NORTH ALLEN ST.

EAST JEFFERSON ST.

ELK ST.

WATER ST.

28 L.F. TEMPORARY BARRIER WALL 9T

40 L.F. TEMPORARY BARRIER WALL 9T

2 - TYPE III BARRICADES WITH ONE "ROAD CLOSED TO THRU TRAFFIC" SIGN (R11-4).

ROAD CLOSED TO THRU TRAFFIC R11-4 60" X 30"

"ROAD CLOSED" SIGNS (W20-3) MAY BE REPLACED WITH "ROAD WORK" SIGNS (W20-1) WHEN ROADWAY IS OPEN TO TRAFFIC

ROAD CLOSED 500 FT W20-3 48" X 48"

ROAD CLOSED 1000 FT W20-3 48" X 48"

LEGEND

- BRIDGE PHASE
- PHASE I CONSTRUCTION
- PHASE II CONSTRUCTION
- PHASE III CONSTRUCTION
- PHASE IV CONSTRUCTION
- SIGN
- CHANNELIZING DEVICE
- TRAFFIC MOVEMENT INDICATOR (NOT FOR STRIPING)
- TYPE III BARRICADE
- LUMINAIRE
- TEMPORARY BARRIER WALL

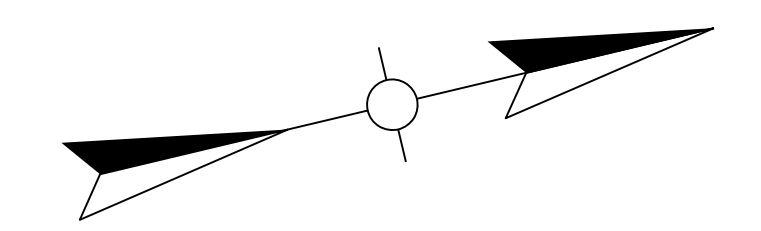
**ROAD CLOSURES**  
APPROPRIATE DETOUR SIGNAGE SHALL BE INSTALLED PRIOR TO BLOCK BY BLOCK ROAD CLOSURES. APPROPRIATE SIGNAGE INCLUDES DETOUR WITH ARROW SIGNS (M4-9L OR M4-9R) AT EACH INTERSECTION, AND 2 - TYPE III BARRICADES WITH ROAD CLOSED SIGN (R11-4) AT EACH END OF THE CLOSURE. CONTRACTOR SHALL REUSE SIGNS FOR EACH BLOCK CLOSURE.

DETOUR M4-9L 30" X 24"  
DETOUR M4-9R 30" X 24"  
SIDEWALK CLOSED R9-9 24" X 12"

SCALE: 1"=100'

TRAFFIC CONTROL SHEET

|           |           |           |
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| COUNTY OF | ITEM NO.  | SHEET NO. |
| TODD      | 3-8401.00 | R36a      |



**PHASING NOTES**

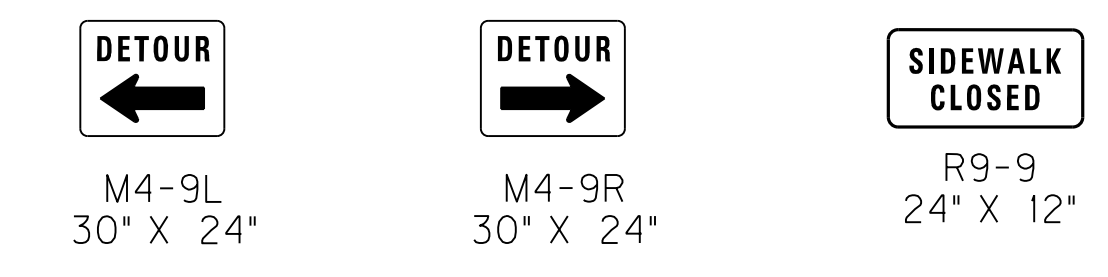
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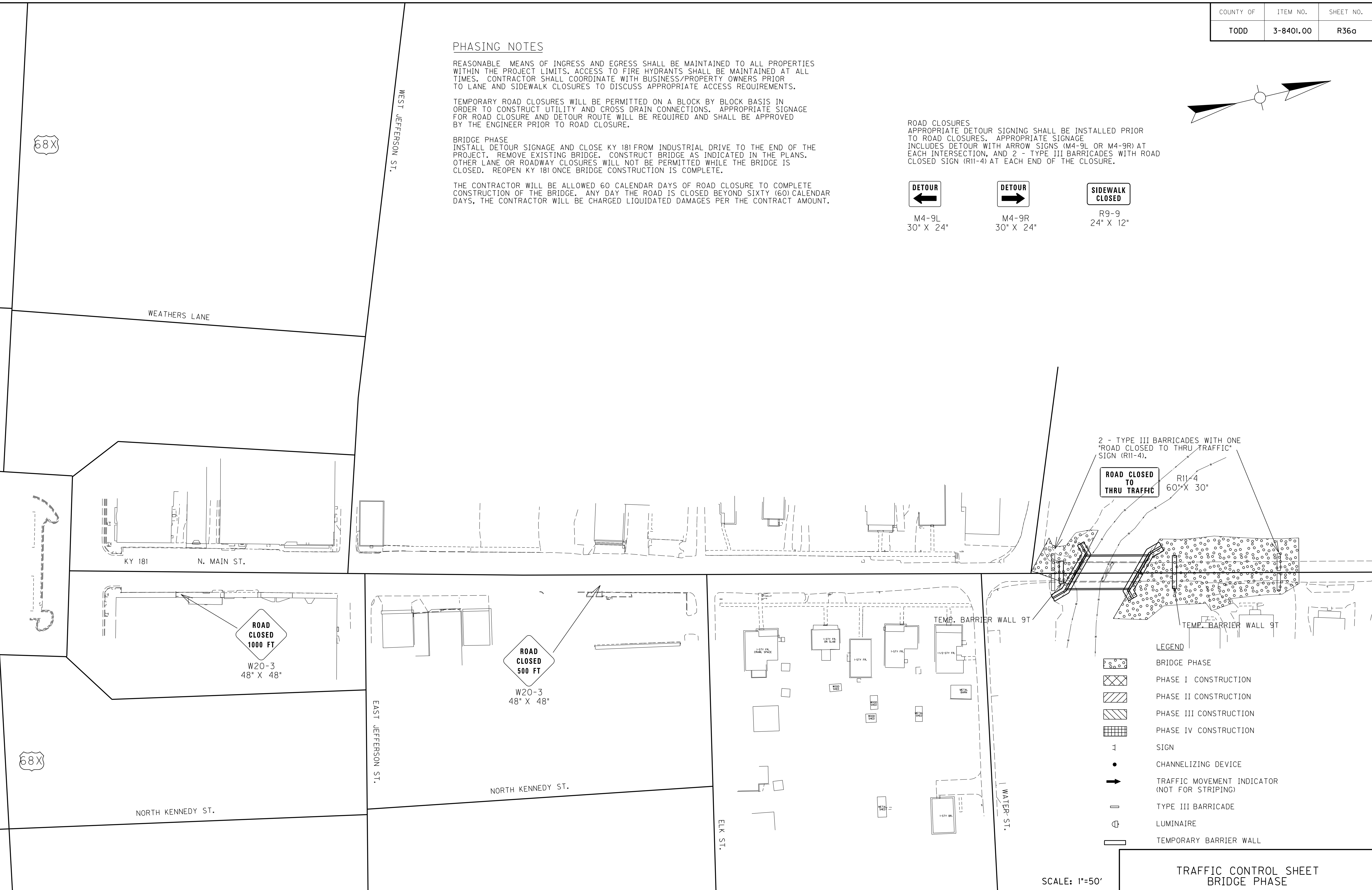
**BRIDGE PHASE**  
 INSTALL DETOUR SIGNAGE AND CLOSE KY 181 FROM INDUSTRIAL DRIVE TO THE END OF THE PROJECT. REMOVE EXISTING BRIDGE. CONSTRUCT BRIDGE AS INDICATED IN THE PLANS. OTHER LANE OR ROADWAY CLOSURES WILL NOT BE PERMITTED WHILE THE BRIDGE IS CLOSED. REOPEN KY 181 ONCE BRIDGE CONSTRUCTION IS COMPLETE.

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FILE NAME: M:\PROJ\13\0037 KYTC - TODD KY 181\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ESHEETS\R0360AMT.DGN  
 USER: imicroc  
 DATE PLOTTED: September 25, 2015  
 E-SHEET NAME: R0360AMT  
 MicroStation v8.11.7.443



- LEGEND**
- BRIDGE PHASE
  - PHASE I CONSTRUCTION
  - PHASE II CONSTRUCTION
  - PHASE III CONSTRUCTION
  - PHASE IV CONSTRUCTION
  - SIGN
  - CHANNELIZING DEVICE
  - TRAFFIC MOVEMENT INDICATOR (NOT FOR STRIPING)
  - TYPE III BARRICADE
  - LUMINAIRE
  - TEMPORARY BARRIER WALL

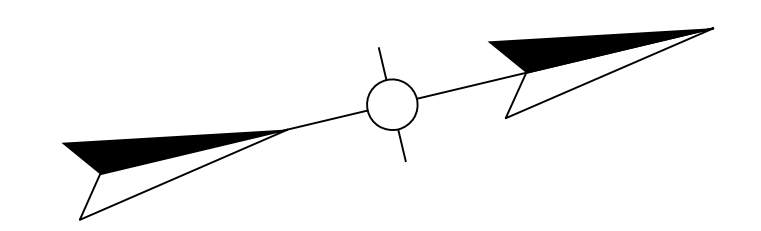
SCALE: 1"=50'

TRAFFIC CONTROL SHEET  
 BRIDGE PHASE



|           |           |           |
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| COUNTY OF | ITEM NO.  | SHEET NO. |
| TODD      | 3-8401.00 | R36a      |

REVISED 10-19-15



**PHASING NOTES**

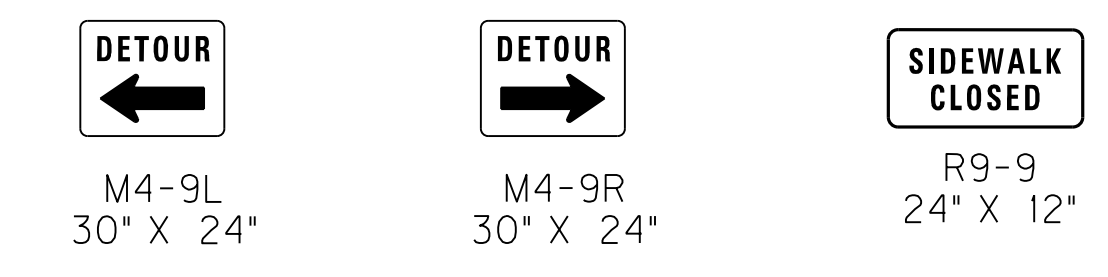
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TEMPORARY ROAD CLOSURES WILL BE PERMITTED ON A BLOCK BY BLOCK BASIS IN ORDER TO CONSTRUCT UTILITY AND CROSS DRAIN CONNECTIONS. APPROPRIATE SIGNAGE FOR ROAD CLOSURE AND DETOUR ROUTE WILL BE REQUIRED AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO ROAD CLOSURE.

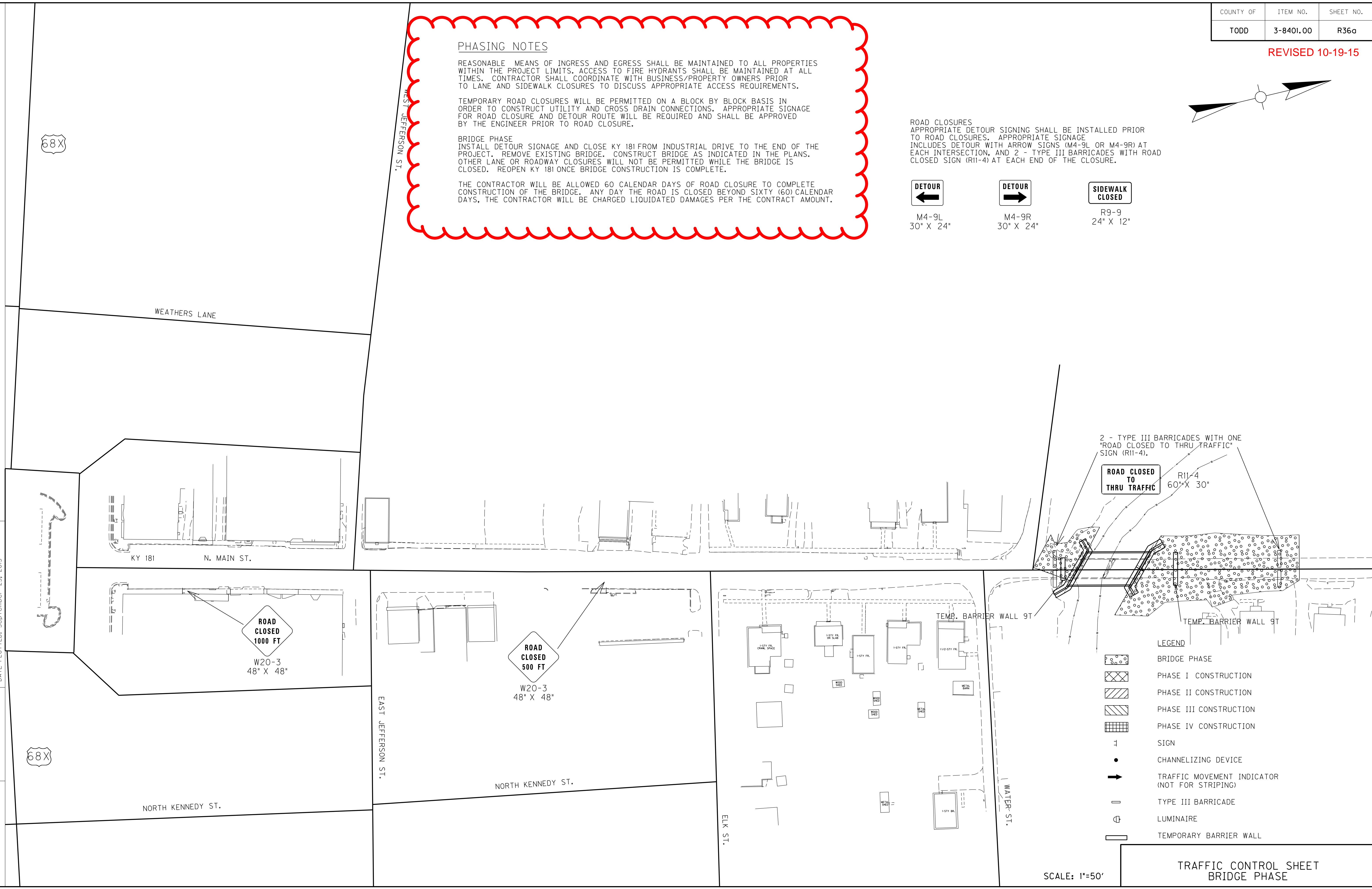
**BRIDGE PHASE**  
 INSTALL DETOUR SIGNAGE AND CLOSE KY 181 FROM INDUSTRIAL DRIVE TO THE END OF THE PROJECT. REMOVE EXISTING BRIDGE. CONSTRUCT BRIDGE AS INDICATED IN THE PLANS. OTHER LANE OR ROADWAY CLOSURES WILL NOT BE PERMITTED WHILE THE BRIDGE IS CLOSED. REOPEN KY 181 ONCE BRIDGE CONSTRUCTION IS COMPLETE.

THE CONTRACTOR WILL BE ALLOWED 60 CALENDAR DAYS OF ROAD CLOSURE TO COMPLETE CONSTRUCTION OF THE BRIDGE. ANY DAY THE ROAD IS CLOSED BEYOND SIXTY (60) CALENDAR DAYS, THE CONTRACTOR WILL BE CHARGED LIQUIDATED DAMAGES PER THE CONTRACT AMOUNT.

ROAD CLOSURES  
 APPROPRIATE DETOUR SIGNAGE SHALL BE INSTALLED PRIOR TO ROAD CLOSURES. APPROPRIATE SIGNAGE INCLUDES DETOUR WITH ARROW SIGNS (M4-9L OR M4-9R) AT EACH INTERSECTION, AND 2 - TYPE III BARRICADES WITH ROAD CLOSED SIGN (R11-4) AT EACH END OF THE CLOSURE.



FILE NAME: M:\PROJ\13\0037 KYTC - TODD KY 181\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ESHEETS\R036OAMT.DGN  
 USER: imicroc  
 DATE PLOTTED: September 25, 2015  
 E-SHEET NAME: R036OAMT  
 MicroStation v8.11.7.443



2 - TYPE III BARRICADES WITH ONE "ROAD CLOSED TO THRU TRAFFIC" SIGN (R11-4).  
 R11-4 60" X 30"

- LEGEND**
- BRIDGE PHASE
  - PHASE I CONSTRUCTION
  - PHASE II CONSTRUCTION
  - PHASE III CONSTRUCTION
  - PHASE IV CONSTRUCTION
  - SIGN
  - CHANNELIZING DEVICE
  - TRAFFIC MOVEMENT INDICATOR (NOT FOR STRIPING)
  - TYPE III BARRICADE
  - LUMINAIRE
  - TEMPORARY BARRIER WALL

SCALE: 1"=50'

TRAFFIC CONTROL SHEET  
 BRIDGE PHASE



**PHASING NOTES**

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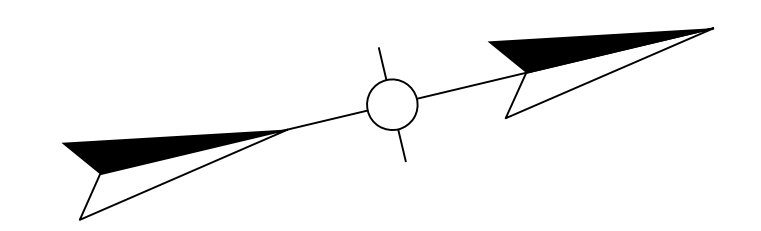
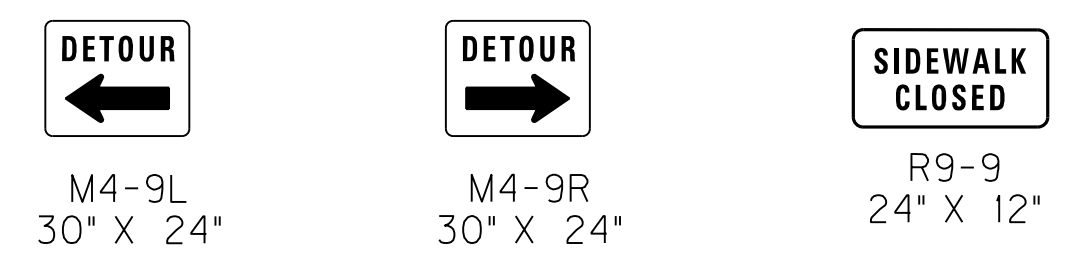
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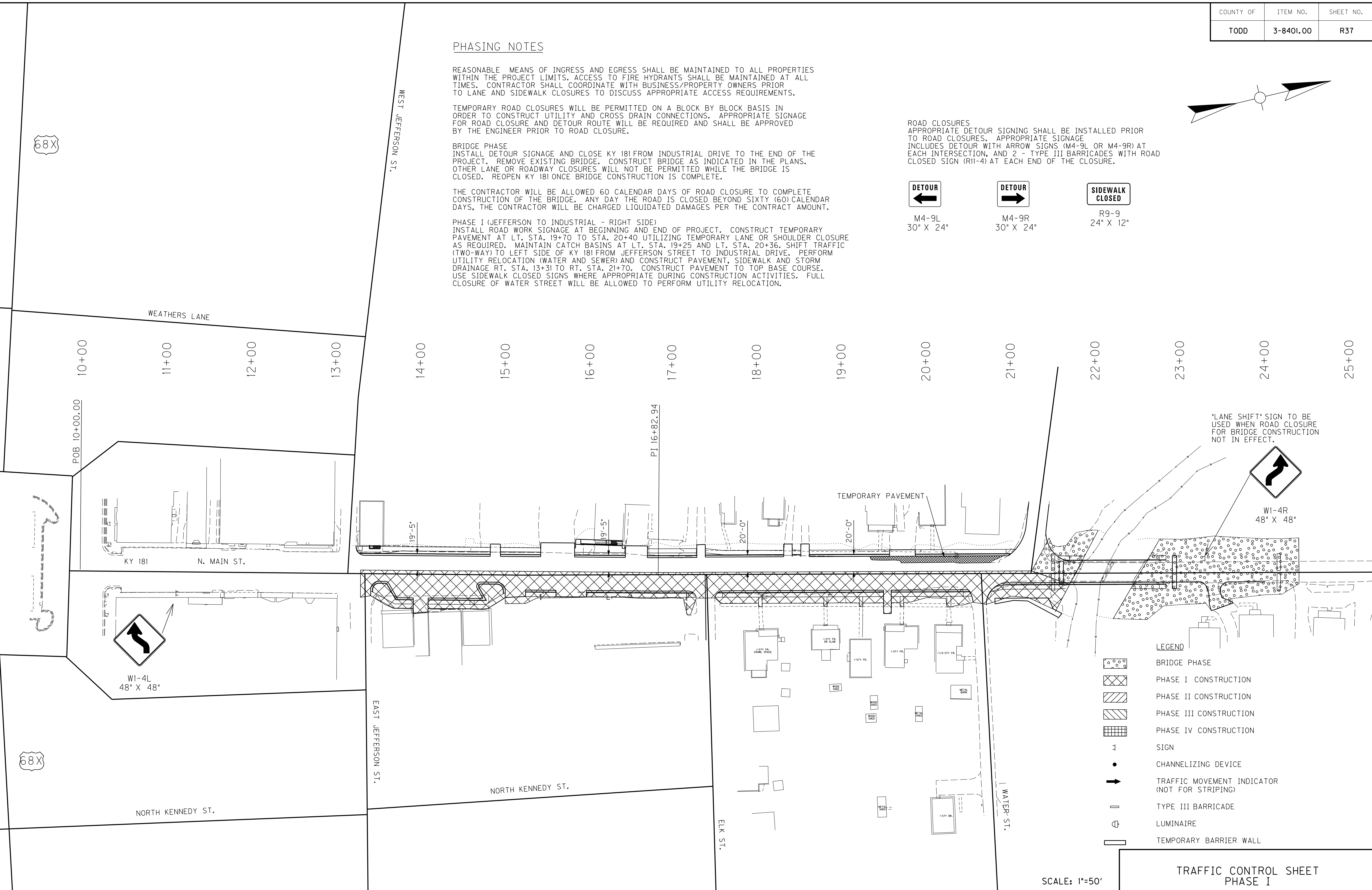
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**PHASE I (JEFFERSON TO INDUSTRIAL - RIGHT SIDE)**  
 INSTALL ROAD WORK SIGNAGE AT BEGINNING AND END OF PROJECT. CONSTRUCT TEMPORARY PAVEMENT AT LT. STA. 19+70 TO STA. 20+40 UTILIZING TEMPORARY LANE OR SHOULDER CLOSURE AS REQUIRED. MAINTAIN CATCH BASINS AT LT. STA. 19+25 AND LT. STA. 20+36. SHIFT TRAFFIC (TWO-WAY) TO LEFT SIDE OF KY 181 FROM JEFFERSON STREET TO INDUSTRIAL DRIVE. PERFORM UTILITY RELOCATION (WATER AND SEWER) AND CONSTRUCT PAVEMENT, SIDEWALK AND STORM DRAINAGE RT. STA. 13+31 TO RT. STA. 21+70. CONSTRUCT PAVEMENT TO TOP BASE COURSE. USE SIDEWALK CLOSED SIGNS WHERE APPROPRIATE DURING CONSTRUCTION ACTIVITIES. FULL CLOSURE OF WATER STREET WILL BE ALLOWED TO PERFORM UTILITY RELOCATION.

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 USER: imicroc  
 DATE PLOTTED: September 25, 2015  
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 MicroStation v8.11.7.443

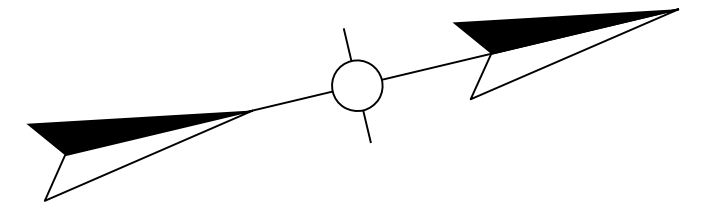


- LEGEND**
- BRIDGE PHASE
  - PHASE I CONSTRUCTION
  - PHASE II CONSTRUCTION
  - PHASE III CONSTRUCTION
  - PHASE IV CONSTRUCTION
  - SIGN
  - CHANNELIZING DEVICE
  - TRAFFIC MOVEMENT INDICATOR (NOT FOR STRIPING)
  - TYPE III BARRICADE
  - LUMINAIRE
  - TEMPORARY BARRIER WALL

SCALE: 1"=50'

TRAFFIC CONTROL SHEET  
 PHASE I

REVISED 10-19-15



**PHASING NOTES**

REASONABLE MEANS OF INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL PROPERTIES WITHIN THE PROJECT LIMITS. ACCESS TO FIRE HYDRANTS SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL COORDINATE WITH BUSINESS/PROPERTY OWNERS PRIOR TO LANE AND SIDEWALK CLOSURES TO DISCUSS APPROPRIATE ACCESS REQUIREMENTS.

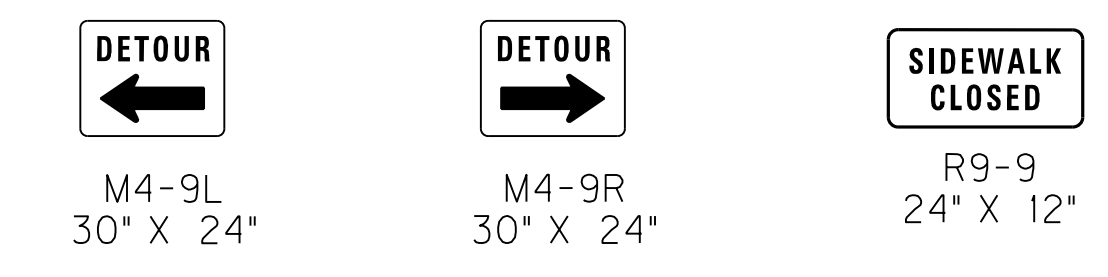
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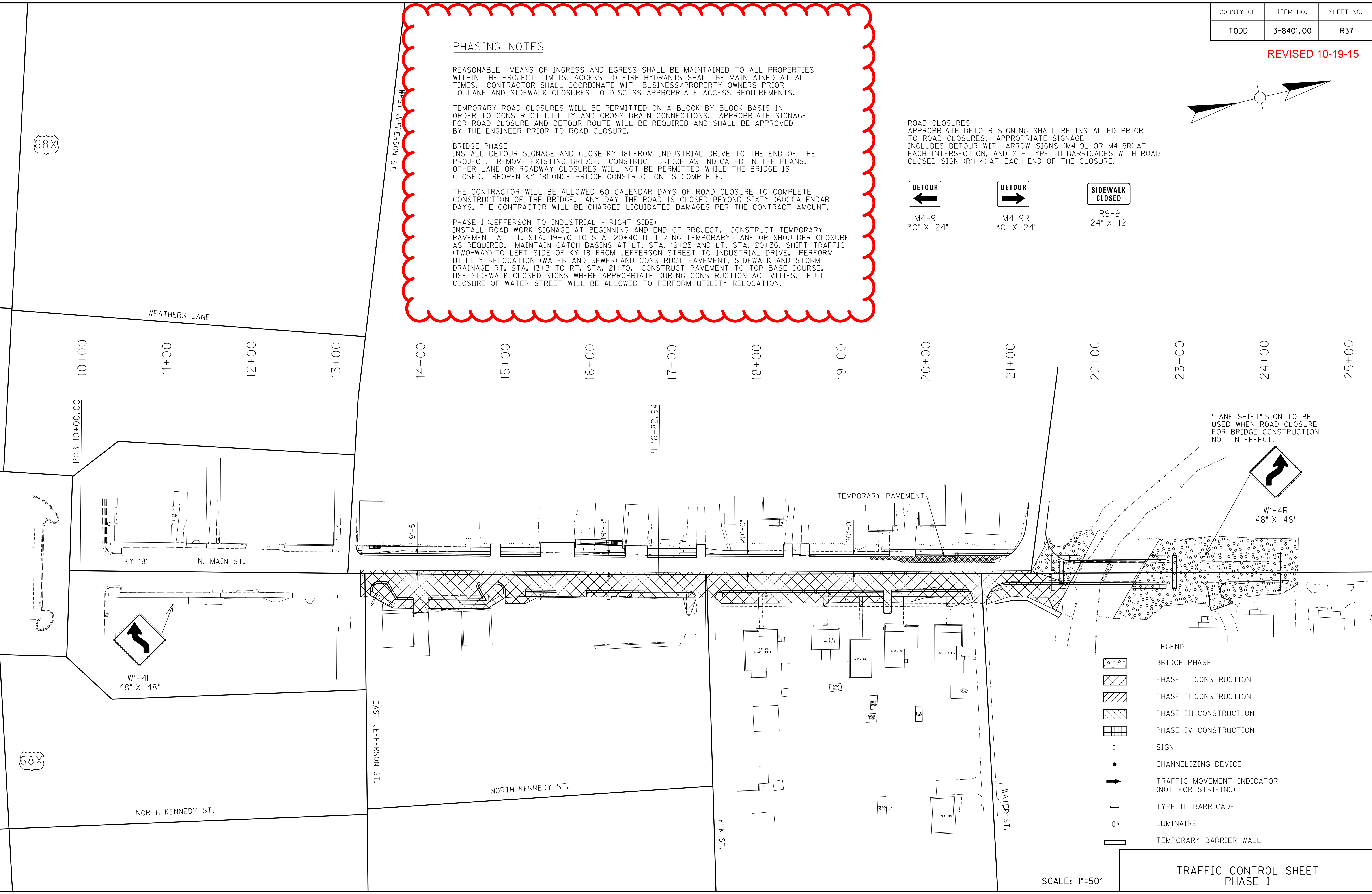
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- LEGEND**
- BRIDGE PHASE
  - PHASE I CONSTRUCTION
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SCALE: 1"=50'

TRAFFIC CONTROL SHEET  
 PHASE I



|           |           |           |
|-----------|-----------|-----------|
| COUNTY OF | ITEM NO.  | SHEET NO. |
| TODD      | 3-8401.00 | R38       |

**PHASING NOTES**

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 CLOSE LEFT SIDE OF KY 181 FROM JEFFERSON STREET TO INDUSTRIAL DRIVE. MAINTAIN ONE-LANE TRAVEL WITH FLAGGERS NO MORE THAN ONE BLOCK AT A TIME. ROADWAY MUST BE OPENED TWO-LANE/TWO-WAY TRAVEL AT THE END OF EACH WORK DAY, AS DIRECTED BY ENGINEER. MAINTAIN CATCH BASINS AT LT. STA. 19+25 AND LT. STA. 20+36. COMPLETE REMAINING UTILITY RELOCATION (WATER AND SEWER) AND CONSTRUCT PAVEMENT, SIDEWALK, AND STORM DRAINAGE LT. STA. 13+06 TO LT. STA. 20+97. CONSTRUCT PAVEMENT TO TOP BASE COURSE. USE SIDEWALK CLOSED SIGNS WHERE APPROPRIATE DURING CONSTRUCTION ACTIVITIES. FULL CLOSURE OF INDUSTRIAL DRIVE WILL NOT BE PERMITTED.

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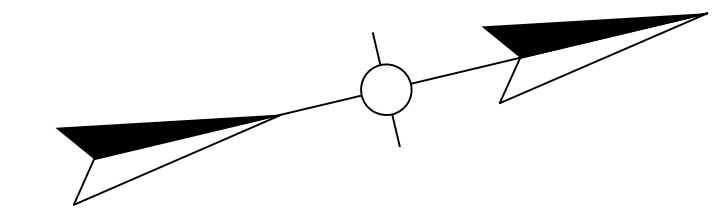


M4-9L  
30" X 24"

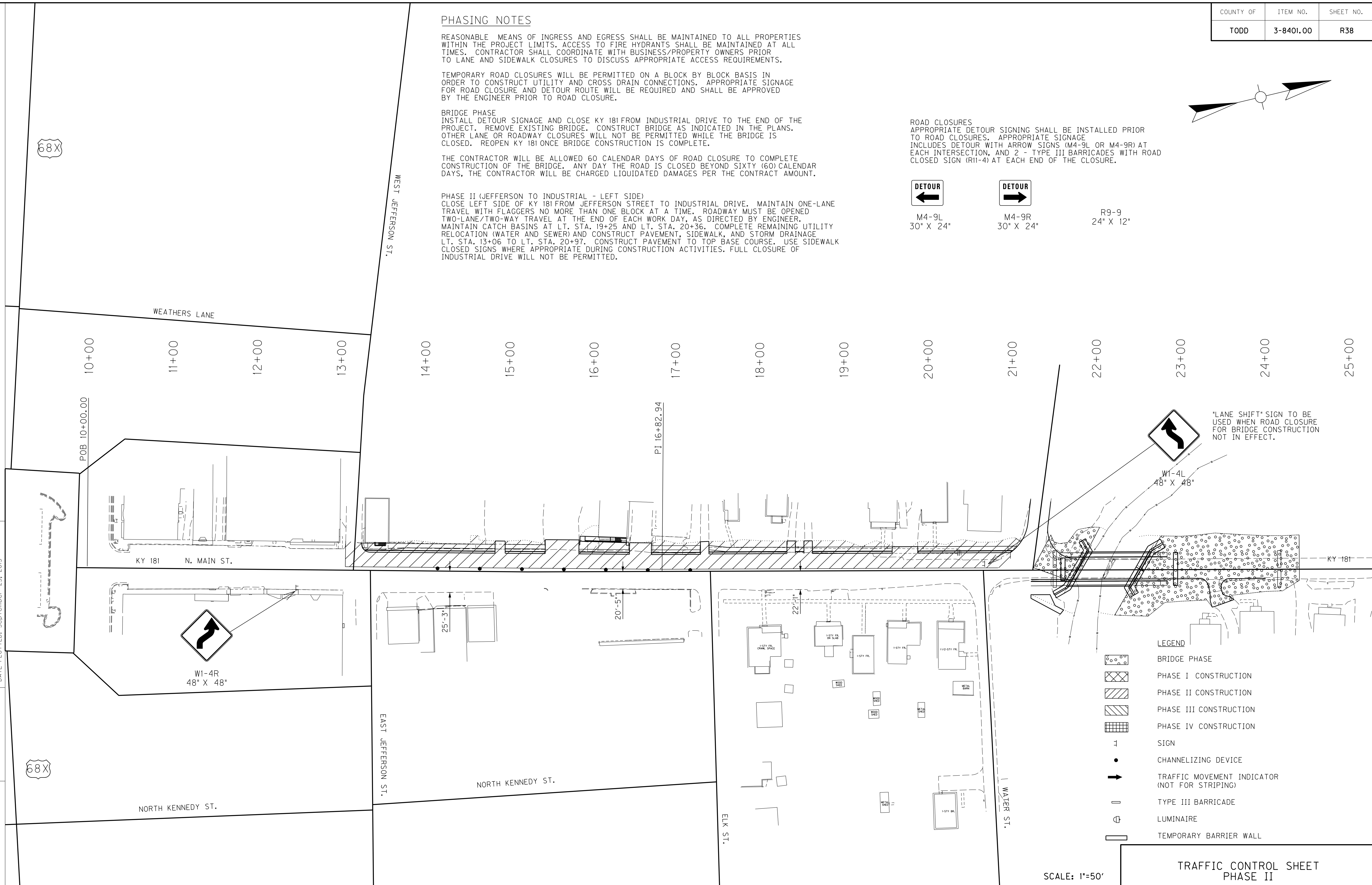


M4-9R  
30" X 24"

R9-9  
24" X 12"



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\*LANE SHIFT\* SIGN TO BE USED WHEN ROAD CLOSURE FOR BRIDGE CONSTRUCTION NOT IN EFFECT.



W1-4L  
48" X 48"

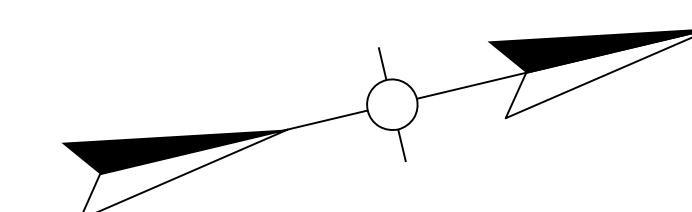
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  - LUMINAIRE
  - TEMPORARY BARRIER WALL

SCALE: 1"=50'

TRAFFIC CONTROL SHEET  
PHASE II

|           |           |           |
|-----------|-----------|-----------|
| COUNTY OF | ITEM NO.  | SHEET NO. |
| TODD      | 3-8401.00 | R38       |

REVISED 10-19-15



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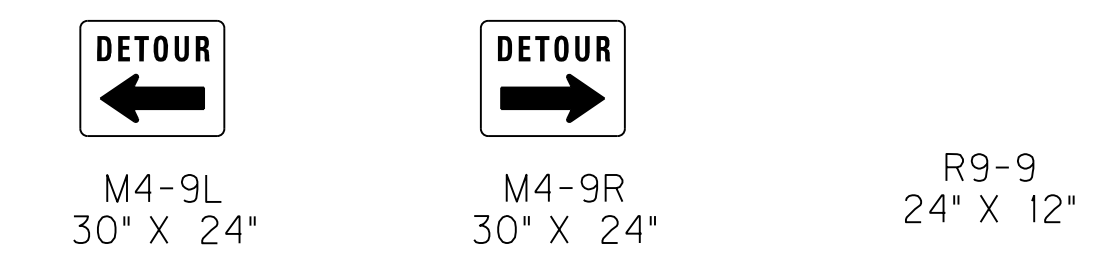
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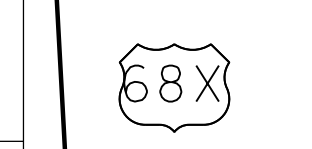
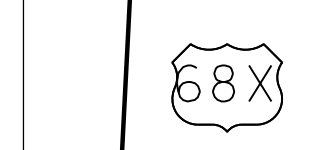
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 CLOSE LEFT SIDE OF KY 181 FROM JEFFERSON STREET TO INDUSTRIAL DRIVE. MAINTAIN ONE-LANE TRAVEL WITH FLAGGERS NO MORE THAN ONE BLOCK AT A TIME. ROADWAY MUST BE OPENED TWO-LANE/TWO-WAY TRAVEL AT THE END OF EACH WORK DAY, AS DIRECTED BY ENGINEER. MAINTAIN CATCH BASINS AT LT. STA. 19+25 AND LT. STA. 20+36. COMPLETE REMAINING UTILITY RELOCATION (WATER AND SEWER) AND CONSTRUCT PAVEMENT, SIDEWALK, AND STORM DRAINAGE LT. STA. 13+06 TO LT. STA. 20+97. CONSTRUCT PAVEMENT TO TOP BASE COURSE. USE SIDEWALK CLOSED SIGNS WHERE APPROPRIATE DURING CONSTRUCTION ACTIVITIES. FULL CLOSURE OF INDUSTRIAL DRIVE WILL NOT BE PERMITTED.

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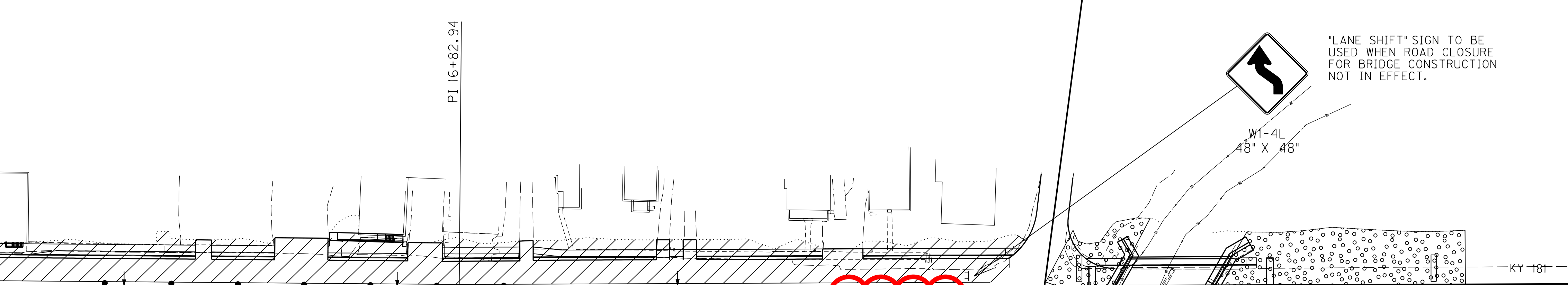
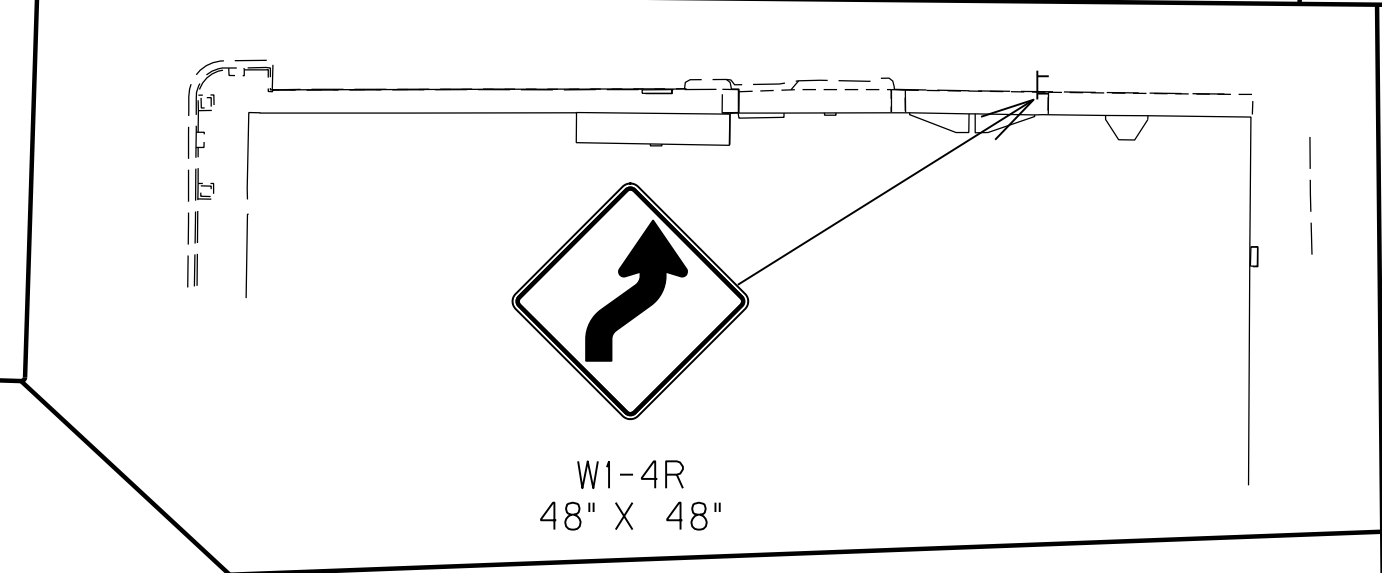
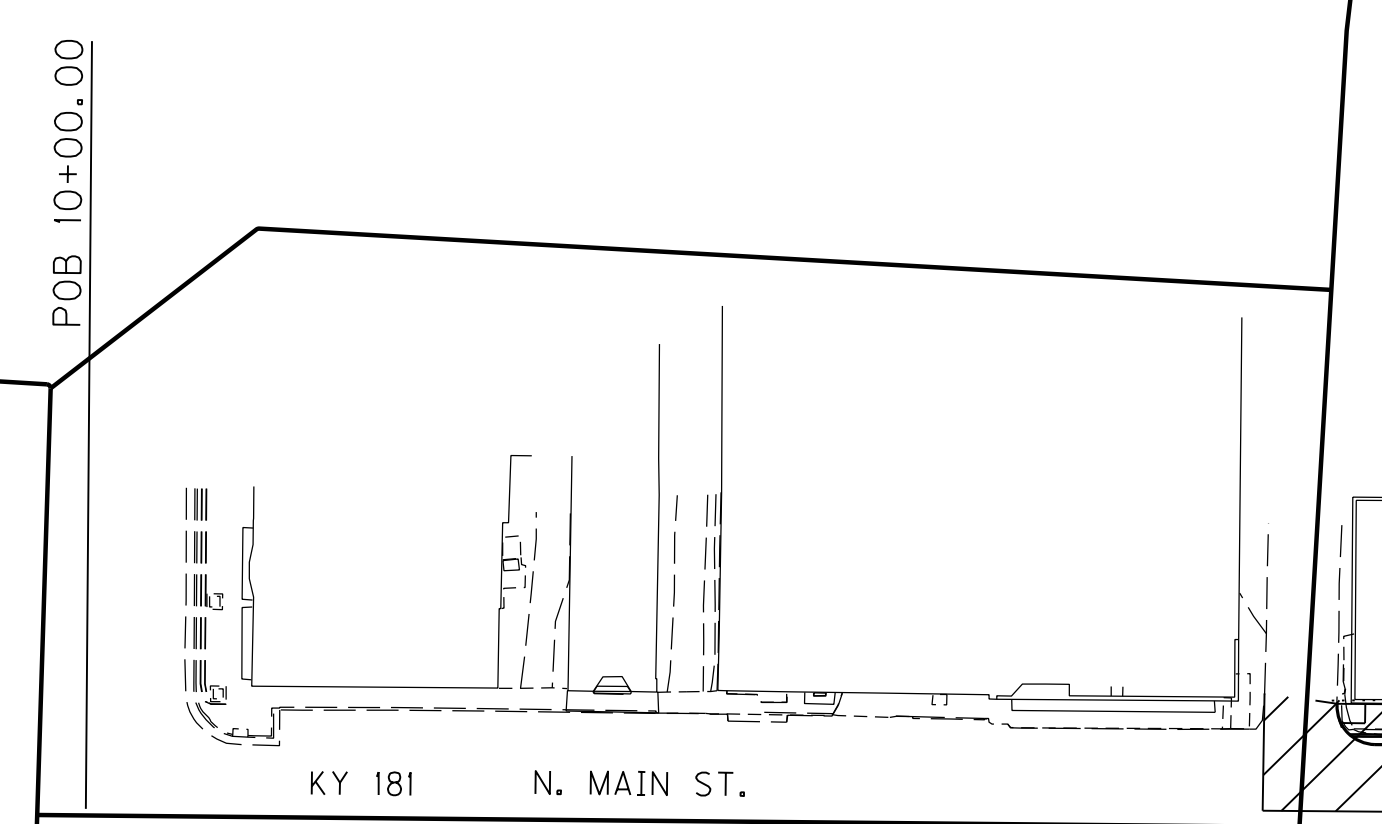
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 DATE PLOTTED: September 25, 2015  
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 MicroStation v8.11.7.443



WEATHERS LANE

10+00  
11+00  
12+00  
13+00

14+00  
15+00  
16+00  
17+00  
18+00  
19+00  
20+00  
21+00  
22+00  
23+00  
24+00  
25+00



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W1-4L  
48" X 48"

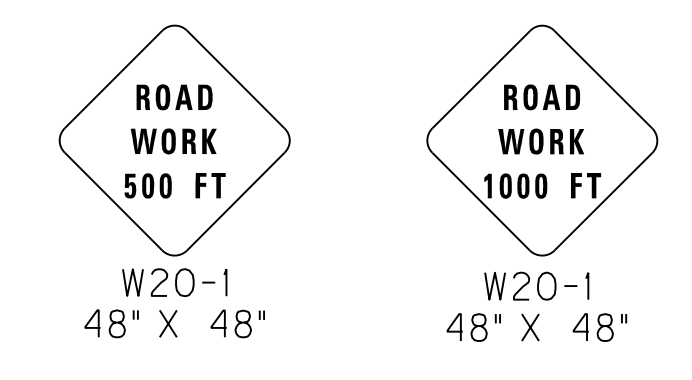
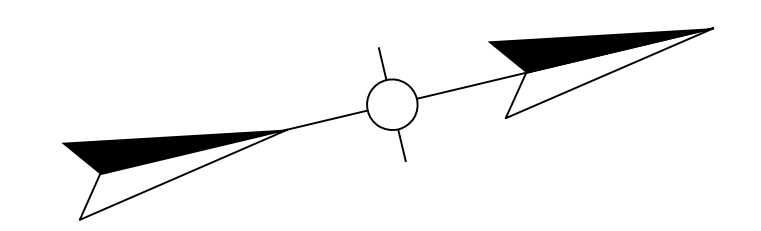
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  - PHASE I CONSTRUCTION
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  - SIGN
  - CHANNELIZING DEVICE
  - TRAFFIC MOVEMENT INDICATOR (NOT FOR STRIPING)
  - TYPE III BARRICADE
  - LUMINAIRE
  - TEMPORARY BARRIER WALL

SCALE: 1"=50'

TRAFFIC CONTROL SHEET  
 PHASE II



|           |           |           |
|-----------|-----------|-----------|
| COUNTY OF | ITEM NO.  | SHEET NO. |
| TODD      | 3-8401.00 | R39       |



\*ROAD WORK\* SIGNS ARE TO BE PLACED IN A LOCATION SIMILAR TO \*ROAD CLOSED\* SIGNS AS INDICATED ON SHEET R35 WHEN THE ROAD IS OPEN TO TRAFFIC

**PHASING NOTES**

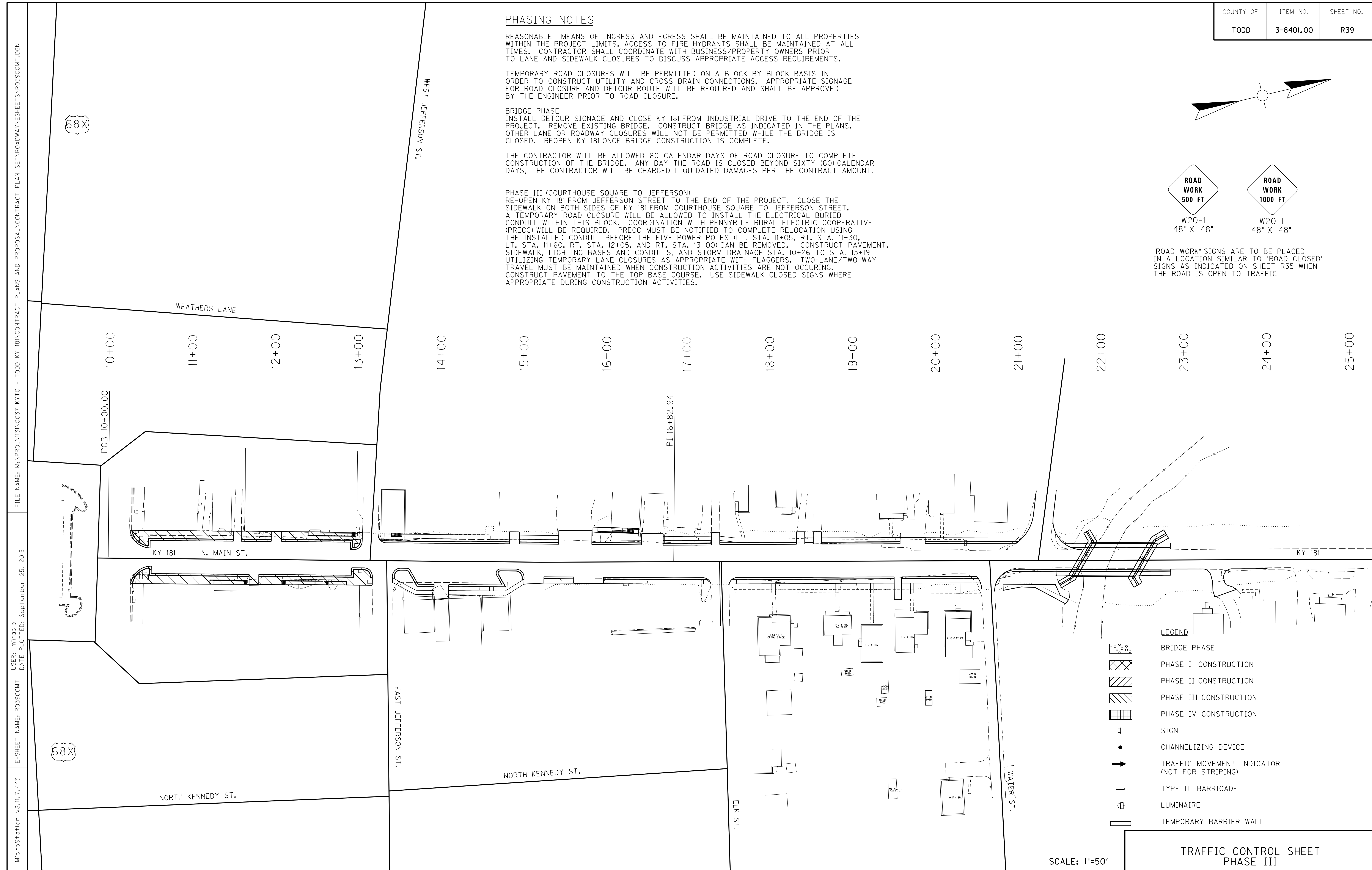
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**PHASE III (COURTHOUSE SQUARE TO JEFFERSON)**  
RE-OPEN KY 181 FROM JEFFERSON STREET TO THE END OF THE PROJECT. CLOSE THE SIDEWALK ON BOTH SIDES OF KY 181 FROM COURTHOUSE SQUARE TO JEFFERSON STREET. A TEMPORARY ROAD CLOSURE WILL BE ALLOWED TO INSTALL THE ELECTRICAL BURIED CONDUIT WITHIN THIS BLOCK. COORDINATION WITH PENNSYLVANIA RURAL ELECTRIC COOPERATIVE (PRECC) WILL BE REQUIRED. PRECC MUST BE NOTIFIED TO COMPLETE RELOCATION USING THE INSTALLED CONDUIT BEFORE THE FIVE POWER POLES (LT. STA. 11+05, RT. STA. 11+30, LT. STA. 11+60, RT. STA. 12+05, AND RT. STA. 13+00) CAN BE REMOVED. CONSTRUCT PAVEMENT, SIDEWALK, LIGHTING BASES AND CONDUITS, AND STORM DRAINAGE STA. 10+26 TO STA. 13+19 UTILIZING TEMPORARY LANE CLOSURES AS APPROPRIATE WITH FLAGGERS. TWO-LANE/TWO-WAY TRAVEL MUST BE MAINTAINED WHEN CONSTRUCTION ACTIVITIES ARE NOT OCCURRING. CONSTRUCT PAVEMENT TO THE TOP BASE COURSE. USE SIDEWALK CLOSED SIGNS WHERE APPROPRIATE DURING CONSTRUCTION ACTIVITIES.



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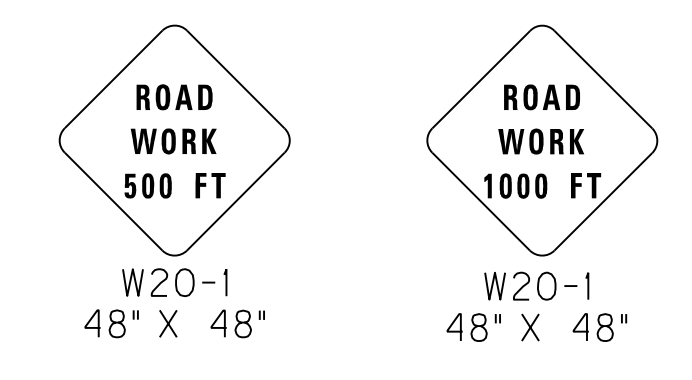
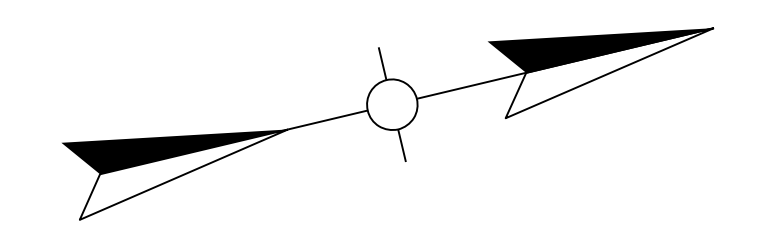
SCALE: 1"=50'

TRAFFIC CONTROL SHEET  
PHASE III

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REVISED 10-19-15



\*ROAD WORK\* SIGNS ARE TO BE PLACED IN A LOCATION SIMILAR TO \*ROAD CLOSED\* SIGNS AS INDICATED ON SHEET R35 WHEN THE ROAD IS OPEN TO TRAFFIC

**PHASING NOTES**

REASONABLE MEANS OF INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL PROPERTIES WITHIN THE PROJECT LIMITS. ACCESS TO FIRE HYDRANTS SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL COORDINATE WITH BUSINESS/PROPERTY OWNERS PRIOR TO LANE AND SIDEWALK CLOSURES TO DISCUSS APPROPRIATE ACCESS REQUIREMENTS.

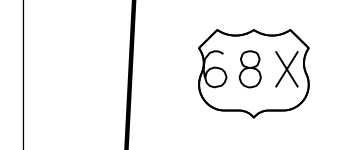
TEMPORARY ROAD CLOSURES WILL BE PERMITTED ON A BLOCK BY BLOCK BASIS IN ORDER TO CONSTRUCT UTILITY AND CROSS DRAIN CONNECTIONS. APPROPRIATE SIGNAGE FOR ROAD CLOSURE AND DETOUR ROUTE WILL BE REQUIRED AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO ROAD CLOSURE.

**BRIDGE PHASE**  
INSTALL DETOUR SIGNAGE AND CLOSE KY 181 FROM INDUSTRIAL DRIVE TO THE END OF THE PROJECT. REMOVE EXISTING BRIDGE. CONSTRUCT BRIDGE AS INDICATED IN THE PLANS. OTHER LANE OR ROADWAY CLOSURES WILL NOT BE PERMITTED WHILE THE BRIDGE IS CLOSED. REOPEN KY 181 ONCE BRIDGE CONSTRUCTION IS COMPLETE.

THE CONTRACTOR WILL BE ALLOWED 60 CALENDAR DAYS OF ROAD CLOSURE TO COMPLETE CONSTRUCTION OF THE BRIDGE. ANY DAY THE ROAD IS CLOSED BEYOND SIXTY (60) CALENDAR DAYS, THE CONTRACTOR WILL BE CHARGED LIQUIDATED DAMAGES PER THE CONTRACT AMOUNT.

**PHASE III (COURTHOUSE SQUARE TO JEFFERSON)**  
RE-OPEN KY 181 FROM JEFFERSON STREET TO THE END OF THE PROJECT. CLOSE THE SIDEWALK ON BOTH SIDES OF KY 181 FROM COURTHOUSE SQUARE TO JEFFERSON STREET. A TEMPORARY ROAD CLOSURE WILL BE ALLOWED TO INSTALL THE ELECTRICAL BURIED CONDUIT WITHIN THIS BLOCK. COORDINATION WITH PENNSYLVANIA RURAL ELECTRIC COOPERATIVE (PRECC) WILL BE REQUIRED. PRECC MUST BE NOTIFIED TO COMPLETE RELOCATION USING THE INSTALLED CONDUIT BEFORE THE FIVE POWER POLES (LT. STA. 11+05, RT. STA. 11+30, LT. STA. 11+60, RT. STA. 12+05, AND RT. STA. 13+00) CAN BE REMOVED. CONSTRUCT PAVEMENT, SIDEWALK, LIGHTING BASES AND CONDUITS, AND STORM DRAINAGE STA. 10+26 TO STA. 13+19 UTILIZING TEMPORARY LANE CLOSURES AS APPROPRIATE WITH FLAGGERS. TWO-LANE/TWO-WAY TRAVEL MUST BE MAINTAINED WHEN CONSTRUCTION ACTIVITIES ARE NOT OCCURRING. CONSTRUCT PAVEMENT TO THE TOP BASE COURSE. USE SIDEWALK CLOSED SIGNS WHERE APPROPRIATE DURING CONSTRUCTION ACTIVITIES.

FILE NAME: M:\PROJ\13\0037 KYTC - TODD KY 181\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ESHEETS\R03900MT.DGN  
 USER: imicroc  
 DATE PLOTTED: September 25, 2015  
 E-SHEET NAME: R03900MT  
 MicroStation v8.11.7.443



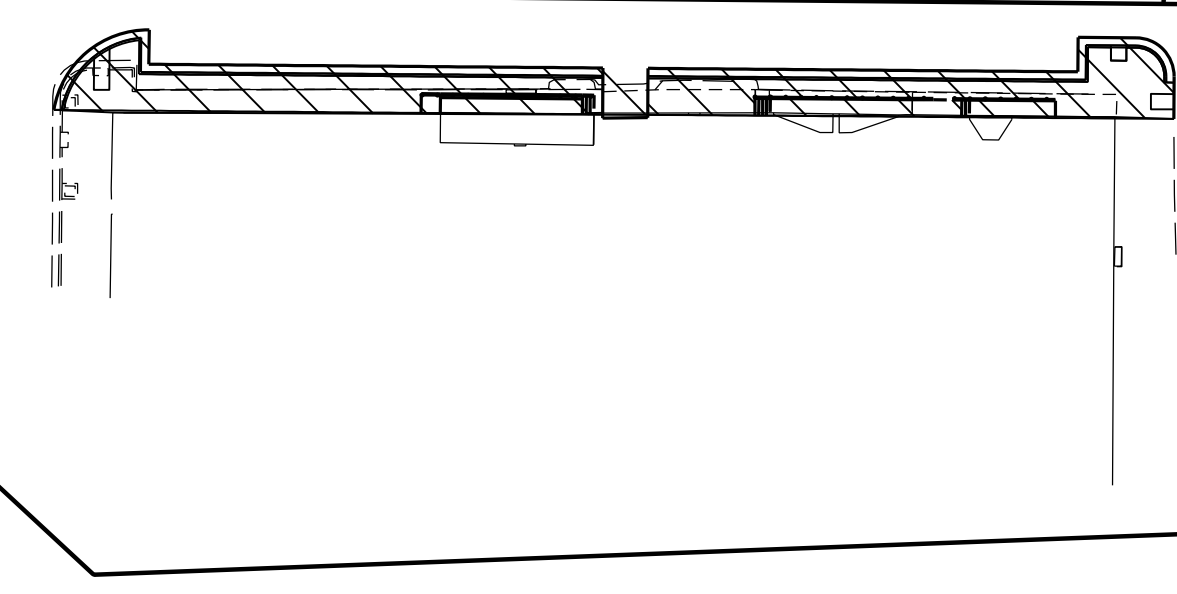
WEATHERS LANE

10+00  
11+00  
12+00  
13+00

POB 10+00.00



KY 181 N. MAIN ST.



NORTH KENNEDY ST.

WEST JEFFERSON ST.

14+00

15+00

16+00

17+00

18+00

19+00

20+00

21+00

22+00

23+00

24+00

25+00

PI 16+82.94

EAST JEFFERSON ST.

NORTH KENNEDY ST.

ELK ST.

WATER ST.

- LEGEND**
- BRIDGE PHASE
  - PHASE I CONSTRUCTION
  - PHASE II CONSTRUCTION
  - PHASE III CONSTRUCTION
  - PHASE IV CONSTRUCTION
  - SIGN
  - CHANNELIZING DEVICE
  - TRAFFIC MOVEMENT INDICATOR (NOT FOR STRIPING)
  - TYPE III BARRICADE
  - LUMINAIRE
  - TEMPORARY BARRIER WALL

SCALE: 1"=50'

TRAFFIC CONTROL SHEET  
PHASE III



|           |           |           |
|-----------|-----------|-----------|
| COUNTY OF | ITEM NO.  | SHEET NO. |
| TODD      | 3-8401.00 | R40       |

**PHASING NOTES**

REASONABLE MEANS OF INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL PROPERTIES WITHIN THE PROJECT LIMITS. ACCESS TO FIRE HYDRANTS SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL COORDINATE WITH BUSINESS/PROPERTY OWNERS PRIOR TO LANE AND SIDEWALK CLOSURES TO DISCUSS APPROPRIATE ACCESS REQUIREMENTS.

TEMPORARY ROAD CLOSURES WILL BE PERMITTED ON A BLOCK BY BLOCK BASIS IN ORDER TO CONSTRUCT UTILITY AND CROSS DRAIN CONNECTIONS. APPROPRIATE SIGNAGE FOR ROAD CLOSURE AND DETOUR ROUTE WILL BE REQUIRED AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO ROAD CLOSURE.

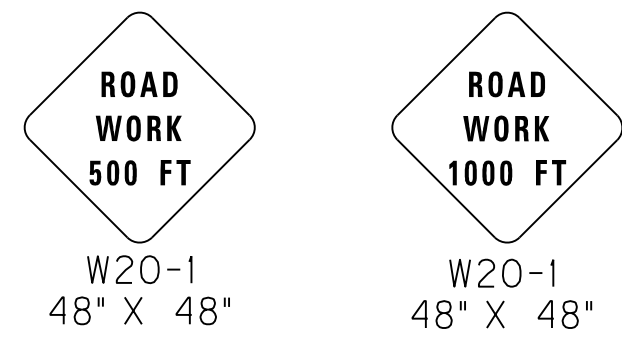
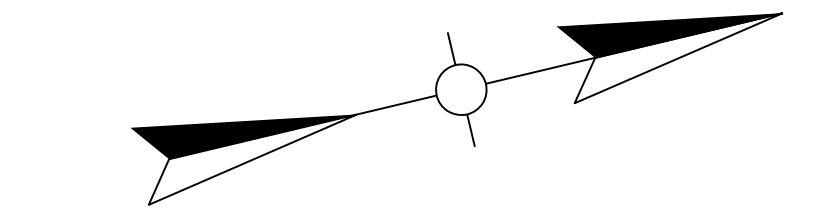
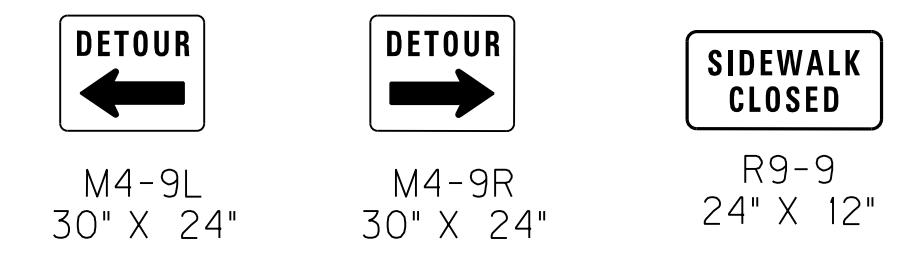
**BRIDGE PHASE**  
 INSTALL DETOUR SIGNAGE AND CLOSE KY 181 FROM INDUSTRIAL DRIVE TO THE END OF THE PROJECT. REMOVE EXISTING BRIDGE. CONSTRUCT BRIDGE AS INDICATED IN THE PLANS. OTHER LANE OR ROADWAY CLOSURES WILL NOT BE PERMITTED WHILE THE BRIDGE IS CLOSED. REOPEN KY 181 ONCE BRIDGE CONSTRUCTION IS COMPLETE.

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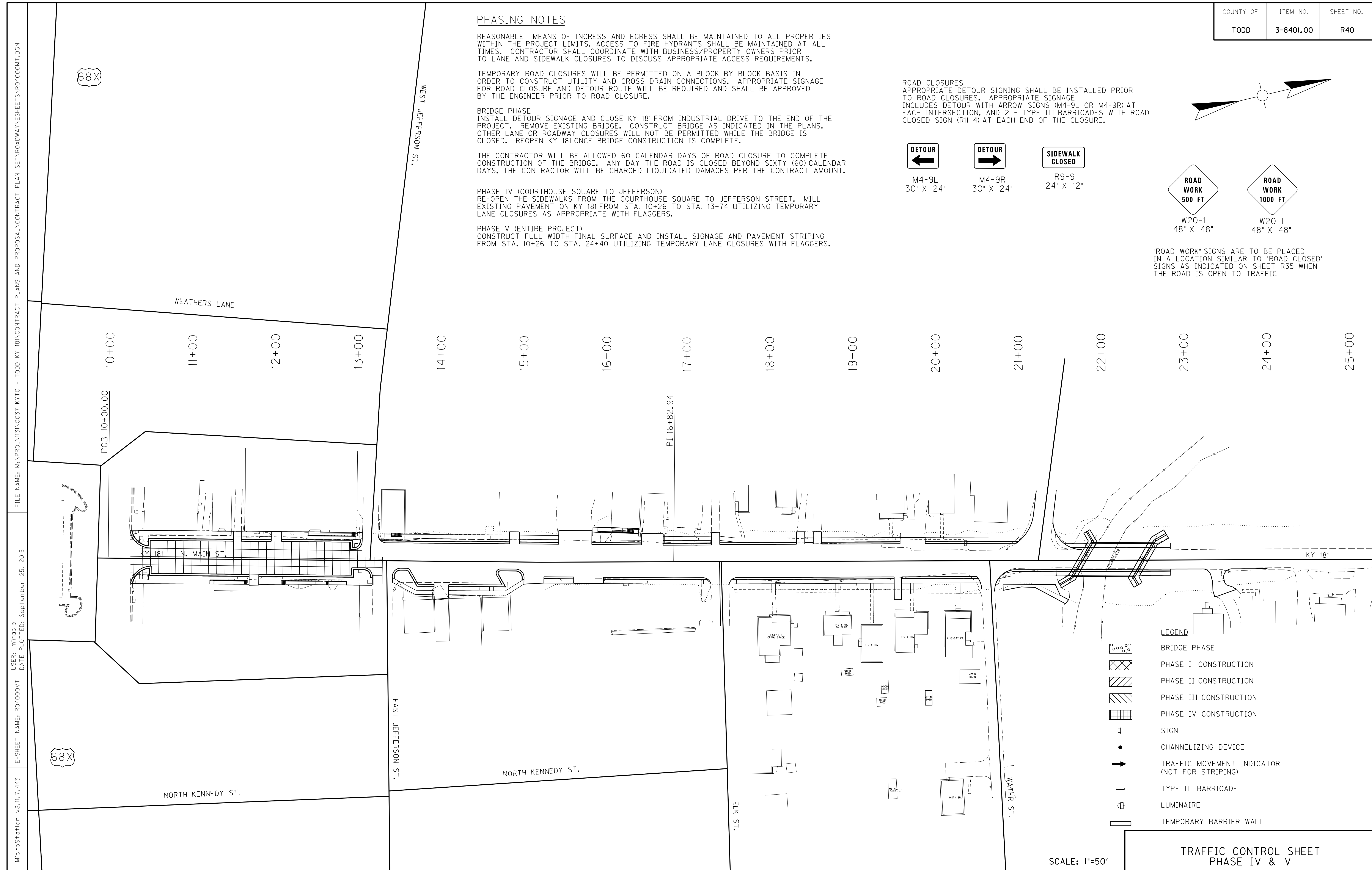
**PHASE IV (COURTHOUSE SQUARE TO JEFFERSON)**  
 RE-OPEN THE SIDEWALKS FROM THE COURTHOUSE SQUARE TO JEFFERSON STREET. MILL EXISTING PAVEMENT ON KY 181 FROM STA. 10+26 TO STA. 13+74 UTILIZING TEMPORARY LANE CLOSURES AS APPROPRIATE WITH FLAGGERS.

**PHASE V (ENTIRE PROJECT)**  
 CONSTRUCT FULL WIDTH FINAL SURFACE AND INSTALL SIGNAGE AND PAVEMENT STRIPING FROM STA. 10+26 TO STA. 24+40 UTILIZING TEMPORARY LANE CLOSURES WITH FLAGGERS.

ROAD CLOSURES  
 APPROPRIATE DETOUR SIGNING SHALL BE INSTALLED PRIOR TO ROAD CLOSURES. APPROPRIATE SIGNAGE INCLUDES DETOUR WITH ARROW SIGNS (M4-9L OR M4-9R) AT EACH INTERSECTION, AND 2 - TYPE III BARRICADES WITH ROAD CLOSED SIGN (R11-4) AT EACH END OF THE CLOSURE.



\*ROAD WORK\* SIGNS ARE TO BE PLACED IN A LOCATION SIMILAR TO \*ROAD CLOSED\* SIGNS AS INDICATED ON SHEET R35 WHEN THE ROAD IS OPEN TO TRAFFIC



**LEGEND**

|  |   |
|--|---|
|  | BRIDGE PHASE                                  |
|  | PHASE I CONSTRUCTION                          |
|  | PHASE II CONSTRUCTION                         |
|  | PHASE III CONSTRUCTION                        |
|  | PHASE IV CONSTRUCTION                         |
|  | SIGN  |
|  | CHANNELIZING DEVICE                           |
|  | TRAFFIC MOVEMENT INDICATOR (NOT FOR STRIPING) |
|  | TYPE III BARRICADE                            |
|  | LUMINAIRE                                     |
|  | TEMPORARY BARRIER WALL                        |

SCALE: 1"=50'

TRAFFIC CONTROL SHEET  
 PHASE IV & V

FILE NAME: M:\PROJ\13\0037 KYTC - TODD KY 181\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ESHEETS\R04000MT.DGN  
 USER: imircocle  
 DATE PLOTTED: September 25, 2015  
 E-SHEET NAME: R04000MT  
 MicroStation v8.11.7.443

|           |           |           |
|-----------|-----------|-----------|
| COUNTY OF | ITEM NO.  | SHEET NO. |
| TODD      | 3-8401.00 | R40       |

REVISED 10-19-15

**PHASING NOTES**

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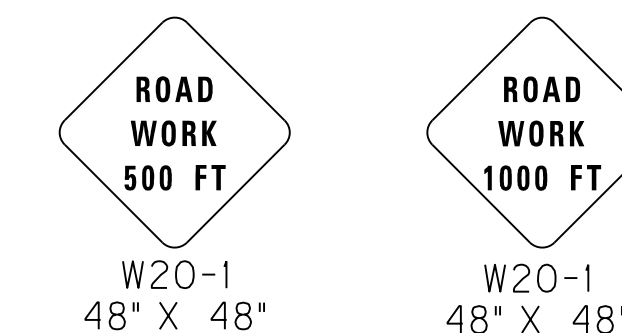
**BRIDGE PHASE**  
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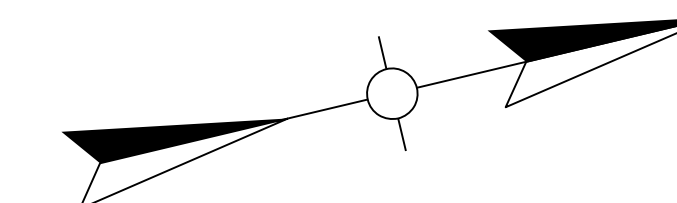
**PHASE IV (COURTHOUSE SQUARE TO JEFFERSON)**  
RE-OPEN THE SIDEWALKS FROM THE COURTHOUSE SQUARE TO JEFFERSON STREET. MILL EXISTING PAVEMENT ON KY 181 FROM STA. 10+26 TO STA. 13+74 UTILIZING TEMPORARY LANE CLOSURES AS APPROPRIATE WITH FLAGGERS.

**PHASE V (ENTIRE PROJECT)**  
CONSTRUCT FULL WIDTH FINAL SURFACE AND INSTALL SIGNAGE AND PAVEMENT STRIPING FROM STA. 10+26 TO STA. 24+40 UTILIZING TEMPORARY LANE CLOSURES WITH FLAGGERS.

ROAD CLOSURES  
APPROPRIATE DETOUR SIGNING SHALL BE INSTALLED PRIOR TO ROAD CLOSURES. APPROPRIATE SIGNAGE INCLUDES DETOUR WITH ARROW SIGNS (M4-9L OR M4-9R) AT EACH INTERSECTION, AND 2 - TYPE III BARRICADES WITH ROAD CLOSED SIGN (R11-4) AT EACH END OF THE CLOSURE.



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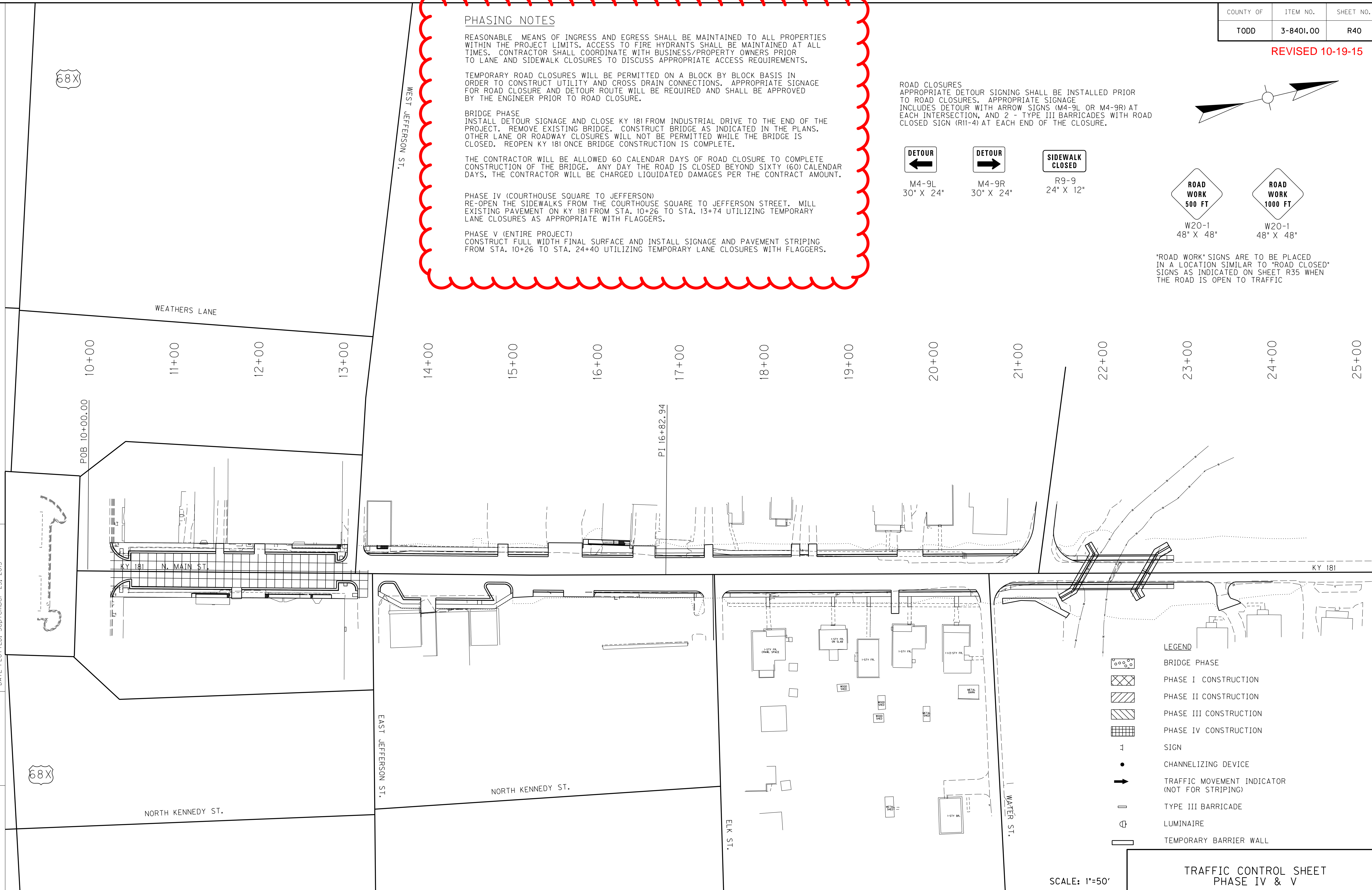


FILE NAME: M:\PROJ\13\0037 KYTC - TODD KY 181\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ESHEETS\R04000MT.DGN

USER: imicroc  
DATE PLOTTED: September 25, 2015

E-SHEET NAME: R04000MT

MicroStation v8.11.7.443



**LEGEND**

|  |   |
|--|---|
|  | BRIDGE PHASE                                  |
|  | PHASE I CONSTRUCTION                          |
|  | PHASE II CONSTRUCTION                         |
|  | PHASE III CONSTRUCTION                        |
|  | PHASE IV CONSTRUCTION                         |
|  | SIGN  |
|  | CHANNELIZING DEVICE                           |
|  | TRAFFIC MOVEMENT INDICATOR (NOT FOR STRIPING) |
|  | TYPE III BARRICADE                            |
|  | LUMINAIRE                                     |
|  | TEMPORARY BARRIER WALL                        |

SCALE: 1"=50'

TRAFFIC CONTROL SHEET  
PHASE IV & V



**PROPOSAL BID ITEMS**

REVISED ADDENDUM #1: 10-19-15

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Report Date 10/19/15

**Section: 0001 - PAVING**

| LINE | BID CODE | ALT | DESCRIPTION                               | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|---|----------|------|-----------|----|--------|
| 0010 | 00003    |     | CRUSHED STONE BASE<br>(REVISED: 10-19-15) | 1,899.00 | TON  |           | \$ |        |
| 0020 | 00214    |     | CL3 ASPH BASE 1.00D PG64-22               | 3,389.00 | TON  |           | \$ |        |
| 0030 | 00339    |     | CL3 ASPH SURF 0.38D PG64-22               | 413.00   | TON  |           | \$ |        |
| 0040 | 02676    |     | MOBILIZATION FOR MILL & TEXT              | 1.00     | LS   |           | \$ |        |
| 0050 | 02677    |     | ASPHALT PAVE MILLING & TEXTURING          | 74.00    | TON  |           | \$ |        |

**Section: 0002 - ROADWAY**

| LINE | BID CODE | ALT | DESCRIPTION  | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT     |
|------|----------|-----|--|----------|------|-----------|----|------------|
| 0060 | 00080    |     | CRUSHED AGGREGATE SIZE NO 23                             | 613.00   | TON  |           | \$ |            |
| 0070 | 01005    |     | PERFORATED PIPE EDGE DRAIN-4 IN                          | 2,582.00 | LF   |           | \$ |            |
| 0071 | 01015    |     | INSPECT & CERTIFY EDGE DRAIN SYSTEM<br>(ADDED: 10-19-15) | 1.00     | LS   |           | \$ |            |
| 0080 | 01310    |     | REMOVE PIPE  | 232.00   | LF   |           | \$ |            |
| 0090 | 01740    |     | CORED HOLE DRAINAGE BOX CON-4 IN                         | 27.00    | EACH |           | \$ |            |
| 0100 | 01810    |     | STANDARD CURB AND GUTTER<br>(REVISED: 10-19-15)          | 1,569.00 | LF   |           | \$ |            |
| 0110 | 01987    |     | DELINEATOR FOR GUARDRAIL BI<br>DIRECTIONAL WHITE         | 8.00     | EACH |           | \$ |            |
| 0120 | 02014    |     | BARRICADE-TYPE III                                       | 8.00     | EACH |           | \$ |            |
| 0130 | 02101    |     | CEM CONC ENT PAVEMENT-8 IN<br>(REVISED: 10-19-15)        | 643.00   | SQYD |           | \$ |            |
| 0140 | 02159    |     | TEMP DITCH   | 707.00   | LF   |           | \$ |            |
| 0150 | 02160    |     | CLEAN TEMP DITCH   | 354.00   | LF   |           | \$ |            |
| 0160 | 02200    |     | ROADWAY EXCAVATION                                       | 3,514.00 | CUYD |           | \$ |            |
| 0170 | 02242    |     | WATER<br>(FOR DUST CONTROL)                              | 30.00    | MGAL |           | \$ |            |
| 0180 | 02351    |     | GUARDRAIL-STEEL W BEAM-S FACE                            | 462.50   | LF   |           | \$ |            |
| 0190 | 02360    |     | GUARDRAIL TERMINAL SECTION NO 1                          | 1.00     | EACH |           | \$ |            |
| 0200 | 02363    |     | GUARDRAIL CONNECTOR TO BRIDGE END<br>TY A                | 4.00     | EACH |           | \$ |            |
| 0201 | 02381    |     | REMOVE GUARDRAIL<br>(ADDED: 10-19-15)                    | 600.00   | LF   |           | \$ |            |
| 0210 | 02391    |     | GUARDRAIL END TREATMENT TYPE 4A                          | 2.00     | EACH |           | \$ |            |
| 0220 | 02429    |     | RIGHT-OF-WAY MONUMENT TYPE 1                             | 6.00     | EACH |           | \$ |            |
| 0230 | 02430    |     | RIGHT-OF-WAY MONUMENT TYPE 1A                            | 4.00     | EACH |           | \$ |            |
| 0240 | 02432    |     | WITNESS POST   | 3.00     | EACH |           | \$ |            |
| 0250 | 02484    |     | CHANNEL LINING CLASS III                                 | 56.00    | TON  |           | \$ |            |
| 0260 | 02545    |     | CLEARING AND GRUBBING<br>(APPROXIMATELY 0.576 ACRES)     | 1.00     | LS   |           | \$ |            |
| 0270 | 02551    |     | CONCRETE-CLASS A FOR STEPS                               | 8.00     | CUYD |           | \$ |            |
| 0280 | 02562    |     | TEMPORARY SIGNS  | 395.00   | SQFT |           | \$ |            |
| 0281 | 02565    |     | OBJECT MARKER TYPE 2<br>(ADDED: 10-19-15)                | 4.00     | EACH |           | \$ |            |
| 0290 | 02585    |     | EDGE KEY   | 191.00   | LF   |           | \$ |            |
| 0300 | 02599    |     | FABRIC-GEOTEXTILE TYPE IV                                | 4,556.00 | SQYD |           | \$ |            |
| 0310 | 02600    |     | FABRIC GEOTEXTILE TY IV FOR PIPE                         | 4,100.00 | SQYD | \$2.00    | \$ | \$8,200.00 |
| 0320 | 02611    |     | HANDRAIL-TYPE A-1  | 250.00   | LF   |           | \$ |            |

**PROPOSAL BID ITEMS**

REVISED ADDENDUM #1: 10-19-15

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Report Date 10/19/15

| LINE | BID CODE   | ALT | DESCRIPTION  | QUANTITY  | UNIT | UNIT PRIC | FP | AMOUNT      |
|------|------------|-----|--|-----------|------|-----------|----|-------------|
| 0330 | 02650      |     | MAINTAIN & CONTROL TRAFFIC                         | 1.00      | LS   |           | \$ |             |
| 0340 | 02671      |     | PORTABLE CHANGEABLE MESSAGE SIGN                   | 3.00      | EACH |           | \$ |             |
| 0350 | 02690      |     | SAFELoading  | 2.00      | CUYD |           | \$ |             |
| 0360 | 02701      |     | TEMP SILT FENCE                                    | 708.00    | LF   |           | \$ |             |
| 0370 | 02704      |     | SILT TRAP TYPE B                                   | 1.00      | EACH |           | \$ |             |
| 0380 | 02705      |     | SILT TRAP TYPE C                                   | 33.00     | EACH |           | \$ |             |
| 0390 | 02707      |     | CLEAN SILT TRAP TYPE B                             | 1.00      | EACH |           | \$ |             |
| 0400 | 02708      |     | CLEAN SILT TRAP TYPE C                             | 33.00     | EACH |           | \$ |             |
| 0410 | 02720      |     | SIDEWALK-4 IN CONCRETE                             | 1,429.00  | SQYD |           | \$ |             |
| 0420 | 02721      |     | REMOVE CONCRETE SIDEWALK                           | 120.00    | SQYD |           | \$ |             |
| 0430 | 02726      |     | STAKING  | 1.00      | LS   |           | \$ |             |
| 0440 | 02731      |     | REMOVE STRUCTURE                                   | 1.00      | LS   |           | \$ |             |
| 0450 | 03171      |     | CONCRETE BARRIER WALL TYPE 9T                      | 68.00     | LF   |           | \$ |             |
| 0460 | 04799      |     | CONDUIT-4 IN<br>(REVISED: 10-19-15)                | 608.00    | LF   |           | \$ |             |
| 0470 | 05950      |     | EROSION CONTROL BLANKET                            | 900.00    | SQYD |           | \$ |             |
| 0480 | 05985      |     | SEEDING AND PROTECTION                             | 2,481.00  | SQYD |           | \$ |             |
| 0490 | 05990      |     | SODDING  | 758.00    | SQYD |           | \$ |             |
| 0500 | 06510      |     | PAVE STRIPING-TEMP PAINT-4 IN                      | 3,228.00  | LF   |           | \$ |             |
| 0510 | 06514      |     | PAVE STRIPING-PERM PAINT-4 IN                      | 3,228.00  | LF   |           | \$ |             |
| 0520 | 06565      |     | PAVE MARKING-THERMO X-WALK-6 IN                    | 57.00     | LF   |           | \$ |             |
| 0530 | 06566      |     | PAVE MARKING-THERMO X-WALK-12 IN                   | 54.00     | LF   |           | \$ |             |
| 0540 | 06568      |     | PAVE MARKING-THERMO STOP BAR-24IN                  | 75.00     | LF   |           | \$ |             |
| 0550 | 06570      |     | PAVE MARKING-PAINT CROSS-HATCH                     | 200.00    | SQFT |           | \$ |             |
| 0560 | 06571      |     | PAVE MARKING-PAINT PARKING LOT                     | 745.00    | LF   |           | \$ |             |
| 0570 | 06574      |     | PAVE MARKING-THERMO CURV ARROW                     | 2.00      | EACH |           | \$ |             |
| 0580 | 08100      |     | CONCRETE-CLASS A                                   | 19.00     | CUYD |           | \$ |             |
| 0590 | 10020NS    |     | FUEL ADJUSTMENT                                    | 5,918.00  | DOLL | \$1.00    | \$ | \$5,918.00  |
| 0600 | 10030NS    |     | ASPHALT ADJUSTMENT                                 | 14,864.00 | DOLL | \$1.00    | \$ | \$14,864.00 |
| 0610 | 20206EC    |     | PAVE MARK HANDICAP SYMBOL                          | 1.00      | EACH |           | \$ |             |
| 0620 | 20430ED    |     | SAW CUT  | 602.00    | LF   |           | \$ |             |
| 0630 | 23158ES505 |     | DETECTABLE WARNINGS                                | 172.00    | SQFT |           | \$ |             |
| 0640 | 23274EN11F |     | TURF REINFORCEMENT MAT 1                           | 175.00    | SQYD |           | \$ |             |
| 0650 | 24663ED    |     | WITNESS R/W MONUMENT TYPE 4                        | 1.00      | EACH |           | \$ |             |
| 0651 | 24631EC    |     | BARCODE SIGN INVENTORY<br>(ADDED: 10-19-15)        | 9.00      | EACH |           | \$ |             |
| 0660 | 24751ED    |     | REMOVE STORE & REINSTALL<br>(ORNAMENTAL SIGN POST) | 1.00      | EACH |           | \$ |             |

**Section: 0003 - DRAINAGE**

| LINE | BID CODE | ALT | DESCRIPTION                    | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|--------------------------------|----------|------|-----------|----|--------|
| 0670 | 00441    |     | ENTRANCE PIPE-18 IN            | 38.00    | LF   |           | \$ |        |
| 0680 | 00521    |     | STORM SEWER PIPE-15 IN         | 326.00   | LF   |           | \$ |        |
| 0690 | 00522    |     | STORM SEWER PIPE-18 IN         | 699.00   | LF   |           | \$ |        |
| 0700 | 00524    |     | STORM SEWER PIPE-24 IN         | 698.00   | LF   |           | \$ |        |
| 0710 | 00526    |     | STORM SEWER PIPE-30 IN         | 180.00   | LF   |           | \$ |        |
| 0720 | 01000    |     | PERFORATED PIPE-4 IN           | 2,265.00 | LF   |           | \$ |        |
| 0730 | 01208    |     | PIPE CULVERT HEADWALL-24 IN    | 1.00     | EACH |           | \$ |        |
| 0740 | 01434    |     | SLOPED BOX OUTLET TYPE 1-24 IN | 1.00     | EACH |           | \$ |        |



### PROPOSAL BID ITEMS

REVISED ADDENDUM #1: 10-19-15

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| LINE | BID CODE | ALT | DESCRIPTION                  | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|------------------------------|----------|------|-----------|----|--------|
| 0750 | 01452    |     | S & F BOX INLET-OUTLET-30 IN | 1.00     | EACH |           | \$ |        |
| 0760 | 01456    |     | CURB BOX INLET TYPE A        | 15.00    | EACH |           | \$ |        |
| 0770 | 01480    |     | CURB BOX INLET TYPE B        | 2.00     | EACH |           | \$ |        |
| 0780 | 01550    |     | DROP BOX INLET TYPE 12A      | 10.00    | LF   |           | \$ |        |
| 0790 | 01577    |     | DROP BOX INLET TYPE 14       | 13.00    | EACH |           | \$ |        |
| 0800 | 01650    |     | JUNCTION BOX                 | 10.00    | EACH |           | \$ |        |
| 0810 | 01756    |     | MANHOLE TYPE A               | 2.00     | EACH |           | \$ |        |
| 0820 | 03385    |     | PVC PIPE-6 IN                | 32.00    | LF   |           | \$ |        |
| 0830 | 03391    |     | PVC PIPE-12 IN               | 144.00   | LF   |           | \$ |        |
| 0840 | 24814EC  |     | PIPELINE INSPECTION          | 1,903.00 | LF   |           | \$ |        |

#### Section: 0004 - BRIDGE - ELK CREEK - DWG. 27355

| LINE | BID CODE | ALT | DESCRIPTION                      | QUANTITY  | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|----------------------------------|-----------|------|-----------|----|--------|
| 0850 | 02231    |     | STRUCTURE GRANULAR BACKFILL      | 720.00    | CUYD |           | \$ |        |
| 0860 | 02555    |     | CONCRETE-CLASS B                 | 8.30      | CUYD |           | \$ |        |
| 0870 | 02998    |     | MASONRY COATING                  | 323.00    | SQYD |           | \$ |        |
| 0880 | 03299    |     | ARMORED EDGE FOR CONCRETE        | 64.70     | LF   |           | \$ |        |
| 0890 | 08001    |     | STRUCTURE EXCAVATION-COMMON      | 1,120.00  | CUYD |           | \$ |        |
| 0900 | 08002    |     | STRUCTURE EXCAV-SOLID ROCK       | 118.00    | CUYD |           | \$ |        |
| 0910 | 08019    |     | CYCLOPEAN STONE RIP RAP          | 280.00    | TON  |           | \$ |        |
| 0920 | 08100    |     | CONCRETE-CLASS A                 | 345.00    | CUYD |           | \$ |        |
| 0930 | 08104    |     | CONCRETE-CLASS AA                | 97.60     | CUYD |           | \$ |        |
| 0940 | 08150    |     | STEEL REINFORCEMENT              | 40,072.00 | LB   |           | \$ |        |
| 0950 | 08151    |     | STEEL REINFORCEMENT-EPOXY COATED | 14,886.00 | LB   |           | \$ |        |
| 0960 | 08256    |     | HANDRAIL-METAL                   | 151.90    | LF   |           | \$ |        |
| 0970 | 08670    |     | PRECAST PC BOX BEAM SB27         | 450.00    | LF   |           | \$ |        |
| 0980 | 24684EN  |     | RAIL SYSTEM TYPE 4               | 153.90    | LF   |           | \$ |        |

#### Section: 0005 - UTILITY - STREETScape & LIGHTING

| LINE | BID CODE | ALT | DESCRIPTION   | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|---|----------|------|-----------|----|--------|
| 0990 | 17001    |     | EC COMMUNICATIONS PULL BOX<br>(MEDIACOM 17-IN X 30-IN)                    | 1.00     | EACH |           | \$ |        |
| 1000 | 17006    |     | EC DUCT - 03 BANK CONCRETE ENCASED<br>(SINGLE, WITHOUT WIRE, 1-1/4=IN, Ø) | 300.00   | LF   |           | \$ |        |
| 1010 | 17026    |     | EC DUCT - SINGLE CONCRETE ENCASED<br>(WITH WIRE)                          | 500.00   | LF   |           | \$ |        |
| 1020 | 17501    |     | EC COMMUNICATIONS PULL BOX INST<br>(BOX PROVIDED BY PRECC)                | 1.00     | EACH |           | \$ |        |
| 1030 | 17519    |     | EC ELECTRIC STRUCTURE SPECIAL INST<br>(LIGHT POLES AND FIXTURES PROVIDED) | 5.00     | EACH |           | \$ |        |

#### Section: 0006 - SEWER

| LINE | BID CODE | ALT | DESCRIPTION  | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|--|----------|------|-----------|----|--------|
| 1040 | 15021    |     | S ENCASEMENT STEEL OPEN CUT RANGE 2<br>(FOR LATERAL LINES) | 180.00   | LF   |           | \$ |        |

**PROPOSAL BID ITEMS**

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| LINE | BID CODE | ALT | DESCRIPTION   | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|---|----------|------|-----------|----|--------|
| 1050 | 15086    |     | S LATERAL CLEANOUT<br>(AS NEEDED FOR MISCELLANEOUS BENDS)       | 10.00    | EACH |           | \$ |        |
| 1060 | 15087    |     | S LATERAL LONG SIDE 04 INCH                                     | 18.00    | EACH |           | \$ |        |
| 1070 | 15088    |     | S LATERAL LONG SIDE 06 INCH                                     | 1.00     | EACH |           | \$ |        |
| 1080 | 15089    |     | S LATERAL SHORT SIDE 04 INCH                                    | 7.00     | EACH |           | \$ |        |
| 1090 | 15092    |     | S MANHOLE   | 6.00     | EACH |           | \$ |        |
| 1100 | 15093    |     | S MANHOLE ABANDON/REMOVE  | 5.00     | EACH |           | \$ |        |
| 1110 | 15095    |     | S MANHOLE CASTING STANDARD                                      | 7.00     | EACH |           | \$ |        |
| 1120 | 15098    |     | S MANHOLE SPECIAL<br>(CUT INTO EXISTING SEWER LINE)             | 1.00     | EACH |           | \$ |        |
| 1130 | 15112    |     | S PIPE PVC 08 INCH<br>(SDR 26, DEEP)                            | 787.00   | LF   |           | \$ |        |
| 1140 | 15113    |     | S PIPE PVC 10 INCH<br>(SDR 26, SHALLOW)                         | 441.00   | LF   |           | \$ |        |
| 1150 | 15118    |     | S PIPE SPECIAL<br>(RECONNECT NEW S PIPE TO OLD S PIPE)          | 1.00     | LF   |           | \$ |        |
| 1160 | 15120    |     | S SPECIAL ITEM<br>(LATERAL RECONNECTION BY LICENSED<br>PLUMBER) | 26.00    | EACH |           | \$ |        |

**Section: 0007 - SIGNING**

| LINE | BID CODE | ALT | DESCRIPTION                  | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|------------------------------|----------|------|-----------|----|--------|
| 1170 | 06406    |     | SBM ALUM SHEET SIGNS .080 IN | 60.00    | SQFT |           | \$ |        |
| 1180 | 06410    |     | STEEL POST TYPE 1            | 106.00   | LF   |           | \$ |        |
| 1190 | 24631EC  |     | BARCODE SIGN INVENTORY       | 9.00     | EACH |           | \$ |        |

**Section: 0008 - WATERLINE**

| LINE | BID CODE | ALT | DESCRIPTION                                    | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|--|----------|------|-----------|----|--------|
| 1200 | 14003    |     | W CAP EXISTING MAIN<br>(6-IN)                  | 2.00     | EACH |           | \$ |        |
| 1210 | 14014    |     | W ENCASEMENT STEEL OPEN CUT RANGE 3<br>(12-IN) | 60.00    | LF   |           | \$ |        |
| 1220 | 14020    |     | W FIRE HYDRANT RELOCATE<br>(W/ NEW 6-IN VALVE) | 3.00     | EACH |           | \$ |        |
| 1230 | 14023    |     | W FLUSHING ASSEMBLY<br>(BURIED)                | 1.00     | EACH |           | \$ |        |
| 1240 | 14024    |     | W MAIN POINT RELOCATE<br>(6-IN)                | 3.00     | EACH |           | \$ |        |
| 1250 | 14030    |     | W METER RELOCATE<br>(ALL NEW ACCESSORIES)      | 12.00    | EACH |           | \$ |        |
| 1260 | 14034    |     | W PIPE DUCTILE IRON 03 INCH                    | 58.00    | LF   |           | \$ |        |
| 1270 | 14036    |     | W PIPE DUCTILE IRON 06 INCH                    | 454.00   | LF   |           | \$ |        |
| 1280 | 14047    |     | W PIPE DCTL IRON RSTRND JOINT 06 IN            | 200.00   | LF   |           | \$ |        |
| 1290 | 14056    |     | W PIPE PVC 02 INCH                             | 364.00   | LF   |           | \$ |        |
| 1300 | 14080    |     | W SERV PE/PLST LONG SIDE 3/4 IN<br>(COPPER)    | 1.00     | EACH |           | \$ |        |
| 1310 | 14085    |     | W SERV PE/PLST SHORT SIDE 3/4 IN<br>(COPPER)   | 16.00    | EACH |           | \$ |        |



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| LINE | BID CODE | ALT | DESCRIPTION  | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|--|----------|------|-----------|----|--------|
| 1320 | 14089    |     | W TAPPING SLEEVE AND VALVE SIZE 1<br>(6-IN X 6-IN) | 1.00     | EACH |           | \$ |        |
| 1330 | 14091    |     | W TIE-IN 02 INCH                                   | 1.00     | EACH |           | \$ |        |
| 1340 | 14094    |     | W TIE-IN 06 INCH                                   | 3.00     | EACH |           | \$ |        |
| 1350 | 14102    |     | W VALVE 02 INCH                                    | 1.00     | EACH |           | \$ |        |
| 1360 | 14103    |     | W VALVE 03 INCH                                    | 1.00     | EACH |           | \$ |        |
| 1370 | 14105    |     | W VALVE 06 INCH                                    | 2.00     | EACH |           | \$ |        |
| 1380 | 14113    |     | W VALVE BOX ADJUST                                 | 6.00     | EACH |           | \$ |        |
| 1390 | 14124    |     | W VALVE SPECIAL<br>(INSERTION METHOD, 6-IN)        | 3.00     | EACH |           | \$ |        |

**Section: 0009 - DEMOBILIZATION &/OR MOBILIZATION**

| LINE | BID CODE | ALT | DESCRIPTION    | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|----------------|----------|------|-----------|----|--------|
| 1400 | 02568    |     | MOBILIZATION   | 1.00     | LS   |           | \$ |        |
| 1410 | 02569    |     | DEMOBILIZATION | 1.00     | LS   |           | \$ |        |