



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

December 9, 2014

CALL NO. 404
CONTRACT ID NO. 141301
ADDENDUM # 2

Subject: Morgan County, 121GR14DO01-JL04 & FD04
Letting December 12, 2014

- (1) Revised - Plan Sheet - R1
- (2) Utility Plans U1-U23 have been made available at the electronic plan room

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

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

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

Sincerely,

A handwritten signature in blue ink that reads "Diana Castle Radcliffe".

Diana Castle Radcliffe
Director
Division of Construction Procurement

DR:ks
Enclosures



An Equal Opportunity Employer M/F/D

Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS

PLANS OF PROPOSED PROJECT MORGAN COUNTY KY 172 FD04 SPP 088 0172 005-008



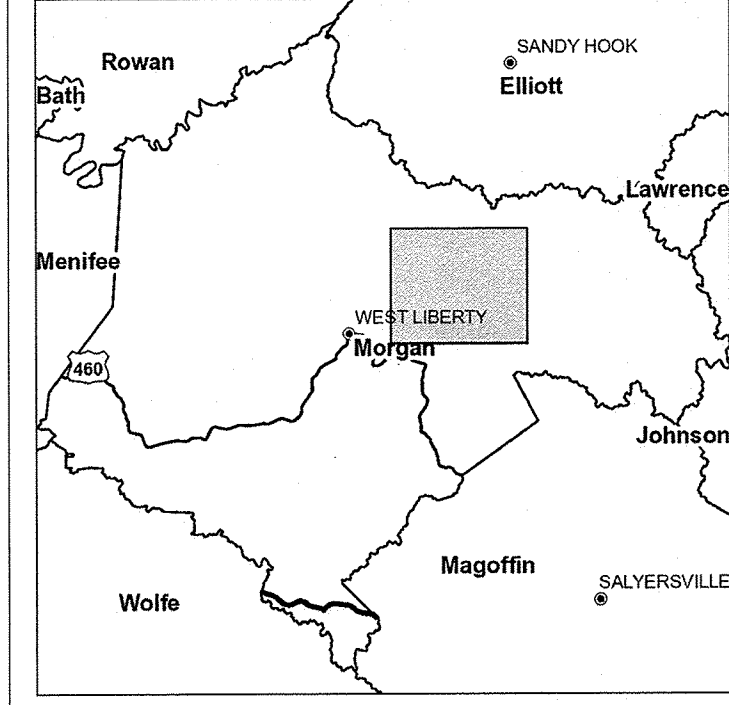
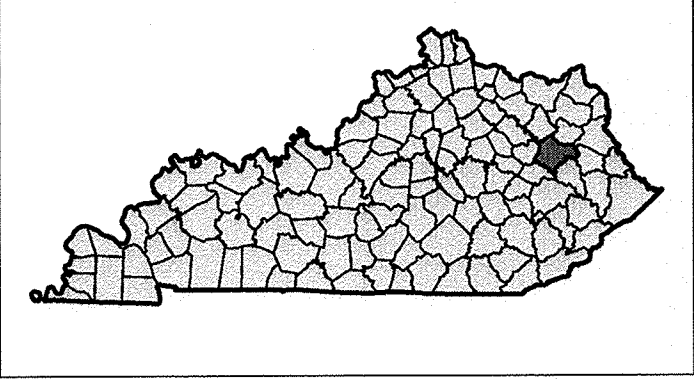
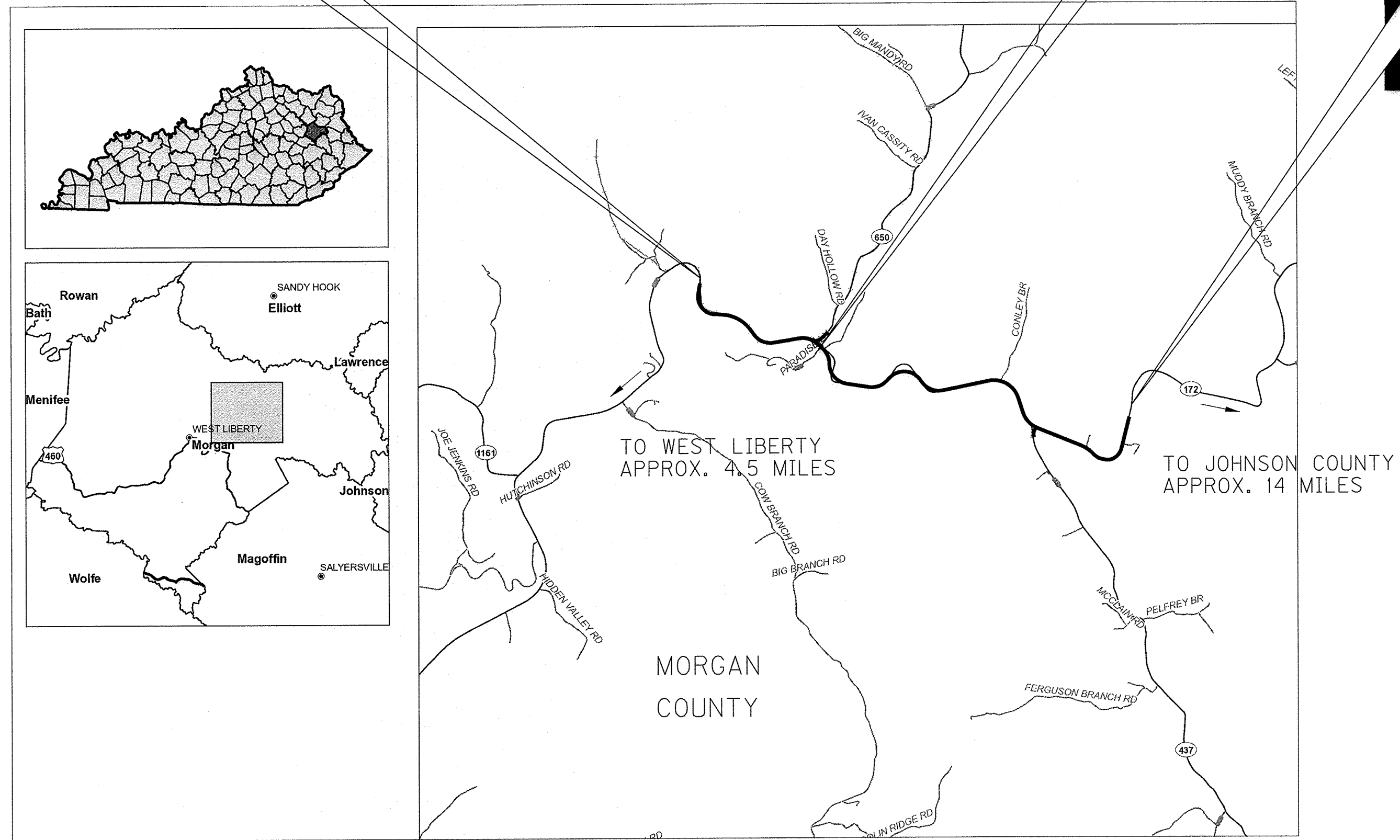
STA. 1000+49.96 (AHD.)
BEGIN CONSTRUCTION

STA. 1046+11
KY 172
97'-0" SIMPLE SPAN
TYPE IV PCIB

STA. 1169+38.61 (BK.)
END CONSTRUCTION

THE CONTROL OF ACCESS ON THIS
PROJECT SHALL BE BY PERMIT

THESE PLANS ARE FOR
GRADE, DRAIN AND SURFACING



INDEX OF SHEETS

| SHEET NO. | DESCRIPTION |
|-------------|--|
| R1 | LAYOUT SHEET |
| R2 - R2g | TYPICAL SECTIONS-SUMMARY OF QUANTITIES |
| R2h | GENERAL NOTES |
| R3 - R29 | PLAN AND PROFILE SHEETS |
| R30 - R31 | RIGHT OF WAY SUMMARY SHEETS |
| R32 - R37 | RIGHT OF WAY STRIP MAP SHEETS |
| R38 - R39k | DETAILS |
| R40 - R45 | COORDINATE CONTROL SHEETS |
| R46 - R61 | TRAFFIC CONTROL SHEETS |
| R62 - R74 | EROSION CONTROL SHEETS |
| R75 - R98 | GEOTECHNICAL SHEETS |
| R99 - R130 | PIPE DRAINAGE SHEETS |
| S1 - S19 | STRUCTURE PLANS |
| T1-T19 | TRAFFIC PLANS |
| X1 - X224 | CROSS SECTION SHEETS KY 172 MAINLINE |
| X225 - X244 | CROSS SECTION SHEETS KY 650 |
| X245 - X247 | CROSS SECTION SHEETS KY 437 |
| X248 - X252 | CROSS SECTION SHEETS CEMETERY RD |
| U1- U 23 | Utility Relocation |

SHEETS NOT INCLUDED IN TOTAL SHEETS
R21a, R38a-R38e, R39a-R39k

STANDARD DRAWINGS

| NUMBER | | | |
|------------|------------|------------|--|
| RBB-001-07 | RDH-020-03 | RDX-215 | |
| RBC-001-10 | RDH-110-02 | RDX-220-04 | |
| RBC-002-02 | RDH-210-03 | RDX-230 | |
| RBI-001-10 | RDH-220-02 | RGS-001-06 | |
| RBI-002-06 | RDI-001-09 | RGX-001-05 | |
| RBM-115-09 | RDI-002-04 | RGX-010-03 | |
| RBR-010-05 | RDI-003-04 | RGX-100-05 | |
| RBR-016-04 | RDI-011-02 | RGX-105-07 | |
| RBR-035-10 | RDI-016-02 | RGX-200 | |
| RDB-005-08 | RDI-020-08 | RPM-100-09 | |
| RDB-155-01 | RDI-021 | RPM-110-06 | |
| RDB-160-01 | RDI-025-04 | RPM-140-04 | |
| RDB-280-05 | RDI-026 | TPM-140-02 | |
| RDB-281-02 | RDI-035-01 | TPM-150-01 | |
| RDB-282-03 | RDI-041 | TPM-155-01 | |
| RDB-283-03 | RDP-001-05 | TTC-100-03 | |
| RDB-410-05 | RDP-005-04 | TTC-150-02 | |
| | RDP-006-03 | TTD-120-01 | |
| | RDP-010-08 | TTD-125-01 | |
| | RDX-001-05 | TTS-105-01 | |
| | RDX-002-03 | | |
| | RDX-210-02 | | |

TOTAL STANDARD DRAWINGS = 65

DESIGN CRITERIA

| | |
|-------------------------|----------------------|
| CLASS OF HIGHWAY | RURAL COLLECTOR ROAD |
| TYPE OF TERRAIN | MOUNTAINOUS |
| DESIGN SPEED | 45 MPH |
| REQUIRED NPSD | 360' |
| REQUIRED PSD | 1,625' |
| LEVEL OF SERVICE | C |
| ADT PRESENT (CURRENT) | 2,000 |
| ADT FUTURE (2032) | 3,000 |
| DHV (2032) | 370 |
| D % | 75/25 |
| T % | 5% |

GEOGRAPHIC COORDINATES

LATITUDE 37 DEGREES 57 MINUTES 34 SECONDS NORTH
LONGITUDE 83 DEGREES 11 MINUTES 03 SECONDS WEST

DESIGNED

% RESTRICTED SD 0%
LEVEL OF SERVICE C
MAX. DISTANCE W/O PASSING 5,710'

KY 172

LENGTH 16,885 LIN. FT. 3.20 MILES
ADDED FOR EQUALITIES _____ LIN. FT.
DEDUCTED] _____ NOT INCLUDED
RAILROAD CROSSINGS NO. _____ LIN. FT.
BRIDGES _____ LIN. FT.

KY 650

LENGTH 495 LIN. FT. 0.09 MILES
ADDED FOR EQUALITIES _____ LIN. FT.
DEDUCTED] _____ NOT INCLUDED
RAILROAD CROSSINGS NO. _____ LIN. FT.
BRIDGES _____ LIN. FT.

KY 437

LENGTH 256 LIN. FT. 0.04 MILES
ADDED FOR EQUALITIES _____ LIN. FT.
DEDUCTED] _____ NOT INCLUDED
RAILROAD CROSSINGS NO. _____ LIN. FT.
BRIDGES _____ LIN. FT.

LAYOUT MAP

**Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF
MORGAN
KY 172**

ITEM NO. 10-8100.0
PROJECT NUMBER: FD04 SPP 088 0172 005-008
LETTING DATE: _____

RECOMMENDED BY: Darren Back PROJECT MANAGER DATE: 10-31-14
PLAN APPROVED BY: [Signature] STATE HIGHWAY ENGINEER DATE: 10-31-14

PLANS PREPARED and SUBMITTED BY
QK4
1046 East Chestnut Street
Louisville, Kentucky 40204
Phone: 502-585-2222
Fax: 502-581-0406
www.qk4.com

Signed: [Signature] ALBERT H. ZIMMERMAN
Date: 10/22/2014
15493
PROFESSIONAL ENGINEER

FILE NAME: U:\09104 MORGAN KY 172\ROADWAY\PHASE2\SUBMITTED\10-8100.00\CONTRACT PLAN SET\ROADWAY\ROO100L.S.DCN
USER: Snodgrass
DATE PLOTTED: January 9, 2013
E-SHEET NAME: ROO100L
MicroStation v8.11.7.443

REVISED 12-9-14



Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS

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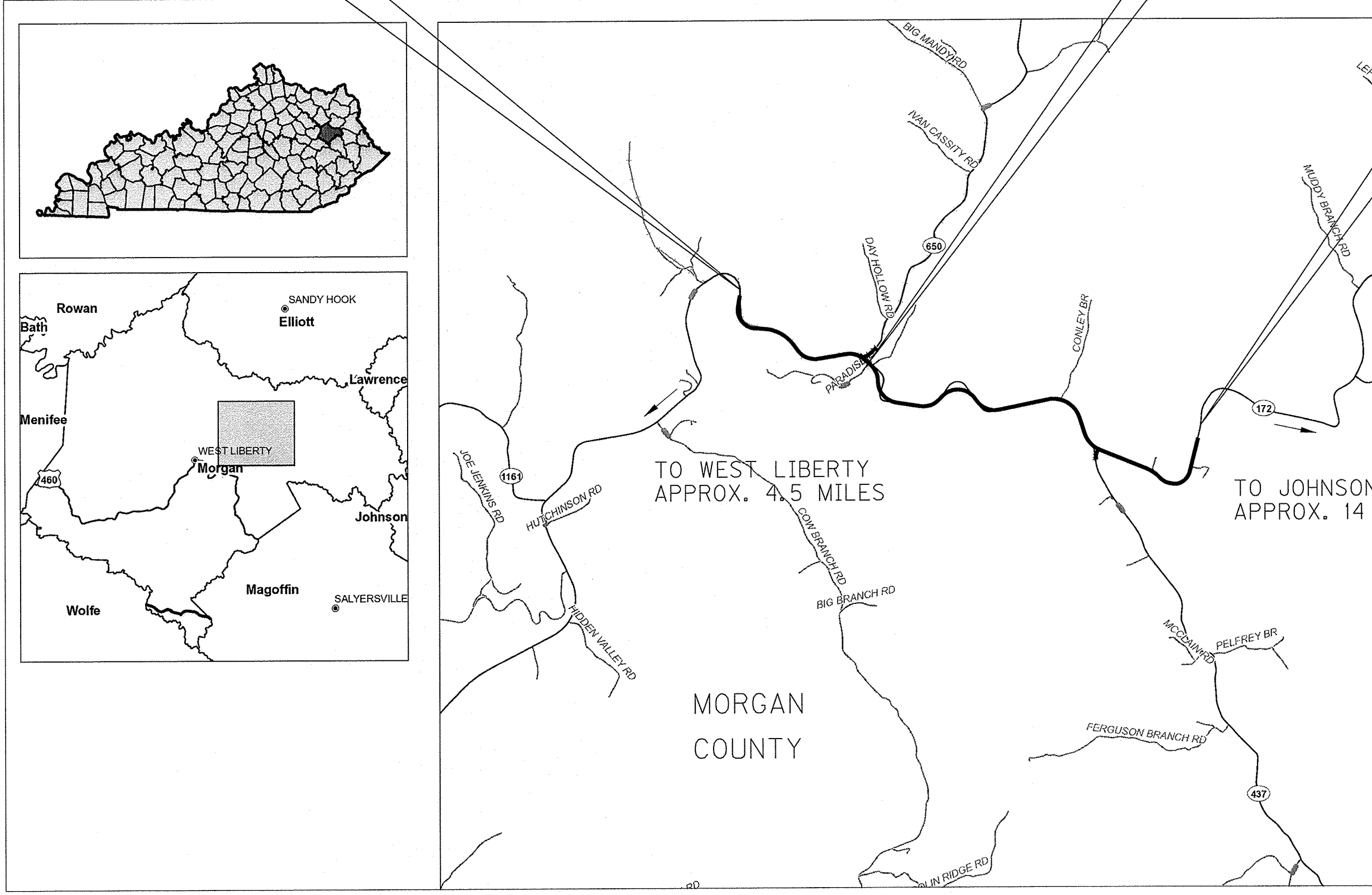
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PLAN APPROVED BY: [Signature] 10-31-14
STATE HIGHWAY ENGINEER DATE:

PLANS PREPARED and SUBMITTED BY
OK4
1046 East Chestnut Street
Louisville, Kentucky 40204
Phone: 502-585-2222
Fax: 502-581-0406
www.ok4.com

Signed: [Signature] 10/22/2014
DATE:
BERT H. ZIMMERMAN
15493
PROFESSIONAL ENGINEER