

GENERAL NOTES

ALL CONSTRUCTION WORK AND MATERIAL IN THIS PROJECT SHALL COMPLY WITH KANSAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR STATE ROAD AND BRIDGE CONSTRUCTION 2007 EDITION, UNLESS OTHERWISE NOTED IN THE PLANS OR SPECIAL PROVISIONS. THE CONTRACTOR SHALL SUBMIT WORKING DRAWINGS AND MATERIAL CERTIFICATIONS FOR THE ENGINEER'S APPROVAL OF MATERIALS TO BE USED AND FABRICATION AND INSTALLATION DETAILS OF PLANNED WORK FOR THE PROJECT, PRIOR TO BEGINNING CONSTRUCTION OR FABRICATION OF ANY SIGNS.

EXISTING UTILITIES ARE NOT SHOWN ON THESE PLANS. ADJUSTMENTS IN SIGN LOCATIONS TO AVOID CONFLICTS WITH EXISTING UTILITIES WILL BE MADE IN THE FIELD AFTER EXISTING UTILITIES HAVE BEEN FIELD LOCATED. THESE ADJUSTMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE SUBSIDIARY TO THE BID ITEMS FOR GUIDE SIGN INSTALLATIONS. ADJUSTMENTS IN POST LENGTHS DUE TO SIGN LOCATION MODIFICATIONS WILL BE SUBSIDIARY. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.

FIELD LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY EXCAVATION WORK. CONTACT THE KANSAS ONE-CALL SYSTEM AT 316-687-2470 AT LEAST 48 HOURS IN ADVANCE TO REQUEST FIELD LOCATES. FOR UTILITIES THAT ARE NOT MEMBERS OF THE KANSAS ONE-CALL SYSTEM, CONTACT THOSE COMPANIES DIRECTLY. THE CONTRACTOR SHALL EXERCISE CAUTION AT ALL TIMES WHEN INSTALLING SIGN SUPPORTS IN AND AROUND AREAS WHERE UTILITIES EXIST, EITHER UNDERGROUND OR OVERHEAD, AND WILL BE HELD RESPONSIBLE FOR ANY DAMAGE INCURRED TO THE SYSTEM. THE INSTALLATION OF SIGN SUPPORTS SHALL INCLUDE THE EXCAVATION, DRILLING, OR DRIVING THE SUPPORT FOOTING AND THE ERECTION OF THE SIGN SUPPORT. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING AROUND ANY EXISTING SIGNS THAT ARE TO REMAIN AND WILL BE HELD RESPONSIBLE FOR ANY DAMAGE TO THE SIGNS, SUPPORTS, OR FOOTINGS. THE CONTRACTOR SHALL EXERCISE CARE WHEN WORKING AROUND SHRUBBERY WHILE REMOVING OR INSTALLING SIGNS OR SIGN SUPPORTS.

THE CONTRACTOR SHALL SATISFY HIMSELF OF SURFACE AND SUBSURFACE CONDITIONS PRIOR TO BIDDING.

TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.

ALL SIGN POST INSTALLATIONS SHALL BE PLUMB; FAILURE TO MEET THIS REQUIREMENT SHALL BE CAUSE FOR REJECTION OF THE INSTALLATION AND PAYMENT OF ITS CORRESPONDING BID ITEM. THE COMPACTION OF THE BACKFILL SOIL SHALL COMPLY WITH THE SPECIFICATIONS AFTER THE REMOVAL AND RESETTING OF A SIGN OR THE INSTALLATION OF A NEW SIGN.

NEW SIGNS ERECTED ON THE PROJECT WHICH ARE IN CONFLICT WITH EXISTING SIGNING ARE TO BE COMPLETELY COVERED UNTIL THE EXISTING SIGNS ARE REMOVED OR THE NEW SIGNING IS APPLICABLE. THE EXISTING SIGNS THAT ARE BEING REPLACED, REMOVED, OR DO NOT FOLLOW THE CURRENT MUTCD SIGNING STANDARDS ARE TO BE REMOVED WHEN THE PROJECT IS COMPLETED OR AS DETERMINED BY THE ENGINEER.

THE CONTRACTOR SHALL PROVIDE MOUNTING BOLTS THAT ARE OF A LENGTH THAT DOES NOT EXTEND MORE THAN A NOMINAL 1 INCH BEYOND THE SIGN POST. THE CONTRACTOR SHALL NOT MAKE ANY FIELD MODIFICATIONS TO THE MOUNTING BOLT PRIOR TO OR AFTER THE SIGN IS INSTALLED.

THE PRICE BID FOR EACH OF THE "GUIDE SIGN INSTALLATION" BID ITEMS SHALL BE FULL COMPENSATION FOR ALL OF THE WORK AS INDICATED IN THE PLANS INCLUDING ANY REMOVAL OF EXISTING STRUCTURES OR SIGN PANELS, THE RE-LOCATION OF ANY SIGN PANELS, SIGN FOOTING INSTALLATION, SIGN POST INSTALLATION, AND THE MOUNTING OF ALL SIGN PANELS UNDER EACH RESPECTIVE BID ITEM, INCLUDING THE MOUNTING HARDWARE, AS REQUIRED, FOR COMPLETE INSTALLATION. PAYMENT FOR EACH OF THE "GUIDE SIGN INSTALLATION" BID ITEMS SHALL BE MADE BASED ON PART 100 OF THE CITY OF WICHITA STANDARD SPECIFICATIONS AND THE WORK SHALL BE PERFORMED AS INDICATED ON THE PLANS.

AFTER INSTALLATION, CLEAN SOILED SIGN SURFACES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. PROTECT SIGNS FROM DAMAGE UNTIL ACCEPTANCE BY OWNER.

ALL TRAFFIC CONTROL DEVICES AND INSTALLATION OR USE THEREOF SHALL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (LATEST EDITION), AND TRAFFIC CONTROL DEVICES SHALL BE NCHRP 350 COMPLIANT WITH RESPECT TO CRASHWORTHINESS REQUIREMENTS. THE LUMP SUM PRICE BID FOR THE BID ITEM "TRAFFIC CONTROL" SHALL BE FULL COMPENSATION FOR PROVIDING, INSTALLING, MOVING, REPLACING, MAINTAINING, REMOVING, AND CLEANING ALL TRAFFIC CONTROL DEVICES AS REQUIRED OR AS DIRECTED BY THE ENGINEER. IT SHALL ALSO INCLUDE THE ADDITION OF ANY DEVICES DEEMED NECESSARY BY THE ENGINEER WHETHER SPECIFICALLY MENTIONED OR NOT.

THE CITY OF WICHITA HAS OBTAINED SEPARATE HIGHWAY PERMITS FOR USE OF RIGHT OF WAY FOR WORK ON BOTH US-54 AND I-135, RESPECTIVELY. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE REQUIREMENTS GIVEN IN THESE PERMITS. THE CONTRACTOR SHALL DEVELOP A TRAFFIC CONTROL PLAN FOR EACH SIGN INSTALLATION INCLUDED IN THE CONTRACT DOCUMENTS. THE TRAFFIC CONTROL PLANS SHALL BE SUBMITTED TO:

BENJAMIN KOERNER, UTILITY COORDINATOR  
KANSAS DEPARTMENT OF TRANSPORTATION, DISTRICT V, SEDGWICK COUNTY  
3200 EAST 45TH STREET NORTH  
WICHITA, KS. 67220-1436  
TELEPHONE: (316)-744-1271

AND THE PROJECT ENGINEER WITH THE CITY OF WICHITA.

THE TRAFFIC CONTROL PLANS ARE SUBJECT TO REVIEW, REVISION AND APPROVAL. THE CONTRACTOR SHALL RECEIVE APPROVAL FOR EACH TRAFFIC CONTROL PLAN PRIOR TO INSTALLING TEMPORARY TRAFFIC CONTROL DEVICES OR OTHERWISE BEGINNING ANY WORK ALONG THE HIGHWAY AT EACH RESPECTIVE LOCATION. THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO THE BID ITEM "TRAFFIC CONTROL".

PLANS PREPARED BY

 **Professional Engineering Consultants, P.A.**  
303 S. TOPEKA • WICHITA, KANSAS 67202  
316-262-2691 • FAX 316-262-3003

APPROVED - DATE  
  
JAMES L. ARMOUR, P.E. CITY ENGINEER  
CITY OF WICHITA, SEDGWICK COUNTY, KANSAS  
CITY NO. 472-706979

# SIGNING PLANS

## FOR LEGEND AND HIGHWAY SIGNS-

### INTRUST BANK ARENA, PHASE II

OCA NO. 707008

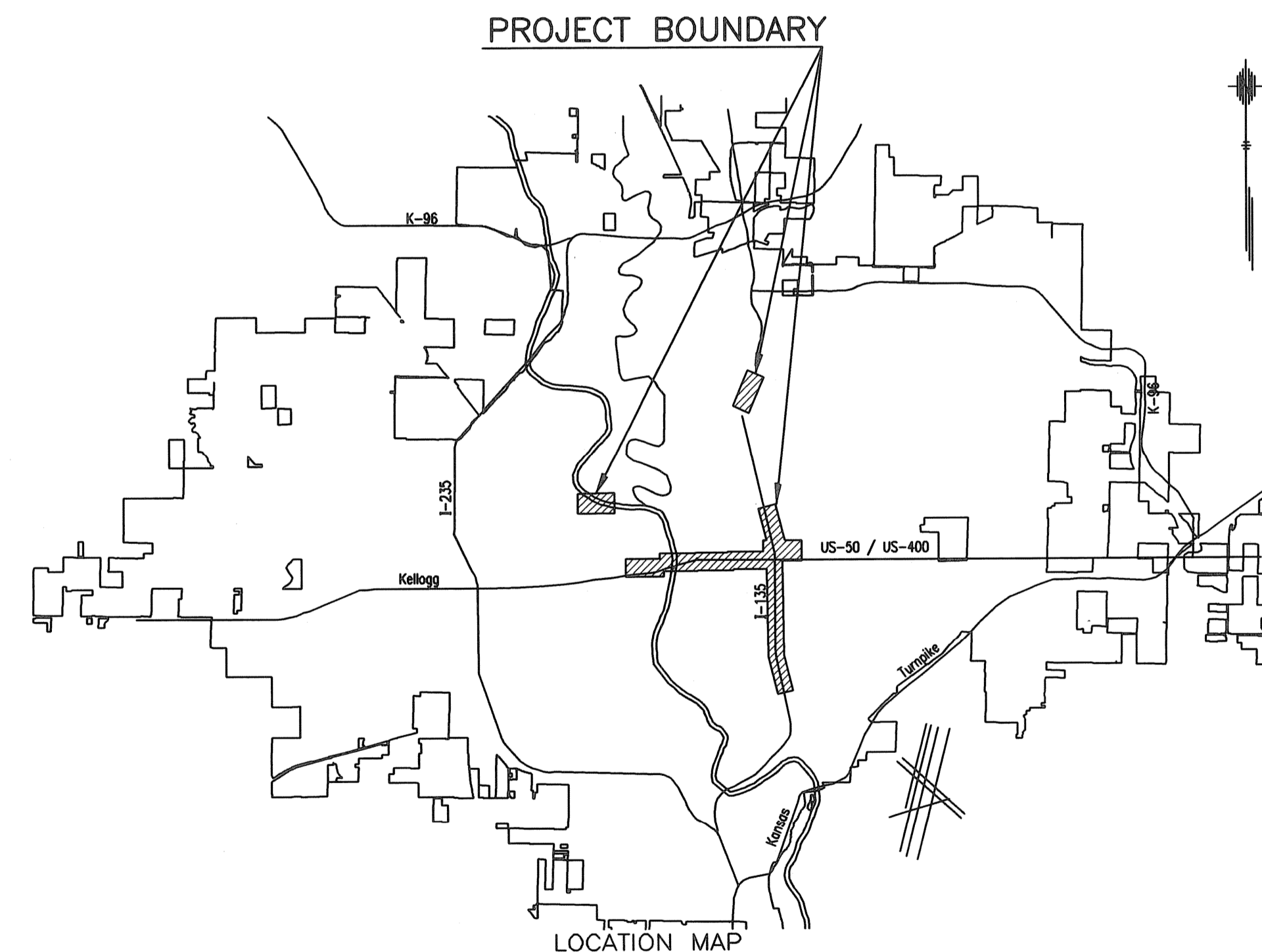
CITY OF WICHITA PROJECT NO. 472-84843A

## CITY OF WICHITA, KANSAS

JAMES L. ARMOUR, P.E. - CITY ENGINEER

**INDEX OF SHEETS**

- 1 Title Sheet
- 2 Key Map
- 3-II Signing Plans
- 12-15 Sign Layouts
- 16 Sign Layouts Details
- 17 Post Spacing and Sign Angle Details
- 18 Height and Lateral Distance for Erection
- 19 Quantities Sheets (Installations)
- 20 Summary Sheets (Installations)
- 21 Recapitulation Sheet
- 22-23 Standard Structural Sign Supports (Steel Posts)
- 24 Mounting of Flat Sheet Signs on I-Beam Posts
- 25 Mounting of Reinforced Panel Signs on I-Beam Posts
- 26 Details for Flat Sheet Sign Blanks
- 27 Details for Processed Signs
- 28-29 Details for Reinforced Panels
- 30 Detailed Sign Specifications
- 31-37 Traffic Control



# SEPTEMBER 2009

PLANS PREPARED BY  
**PROFESSIONAL ENGINEERING CONSULTANTS, P.A.**  
ENGINEERS  
WICHITA, KANSAS