

TRAFFIC SIGNALIZATION PHASE A 39TH ST. N. AND WEBB RD.

OCA NO. 706979

CITY OF WICHITA PROJECT NO. 472-84720

CITY OF WICHITA, KANSAS

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

INDEX OF SHEETS

1. Title Sheet
2. Typical Sections and Compaction Diagram
3. 39th St. & Webb Rd. Plan
4. Coordinate Geometry Plan
5. Intersection Details
6. Concrete Pavement
7. Curb & Gutter Details
8. Valley Gutter Details
9. Wheelchair Ramp Details
10. Sidewalk & Steps
11. Summary & Recapitulation of Quantities
- 12.-15. Erosion Control - BMP's
- 16.-20. Traffic Signal Plan, Quantities, & Details
- 21.-22. Signing & Marking Plans & Details
23. Traffic Handling & Construction Sequence
- 24.-31. Traffic Control Plan & Details

GENERAL NOTES

ALL CONSTRUCTION WORK AND MATERIAL IN THIS PROJECT SHALL COMPLY WITH CITY OF WICHITA STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF CITY PROJECTS UNLESS OTHERWISE NOTED IN THE PLANS OR SPECIAL PROVISIONS.

UNDERGROUND UTILITY SERVICE LINES AND OVERHEAD UTILITY POLE LINES ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.

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.

RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR AND APPROVED AS NOTED BELOW.

ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WOULD REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.

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

FIELD LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY EXCAVATION WORK. CONTACT THE KANSAS ONE-CALL SYSTEM AT 316-887-2470 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.

CONTRACTOR IS RESPONSIBLE FOR PRESERVING EXISTING PROPERTY IRONS. RE-ESTABLISH ANY EXISTING PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY CONSTRUCTION OPERATIONS, OR WHICH ARE COVERED BY 12" OR MORE OF FILL MATERIAL BY THIS PROJECT. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS AND AT NO ADDITIONAL COST TO THE CITY.

THE WATER DEPARTMENT SHALL FIELD LOCATE WATER VALVES ONE TIME DURING CONSTRUCTION WHEN REQUESTED BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE SUCH FIELD LOCATIONS DURING THE CONSTRUCTION PROCESS. WATER VALVES, WATER METER BOXES OR FIRE HYDRANTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.

WATER VALVES, METERS AND FIRE HYDRANTS SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET FINAL GRADES, AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL REMOVE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION. SIGNS DAMAGED THRU NEGLIGENCE OF THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE CITY. THE CONTRACTOR SHALL STOCKPILE THE SIGNS ALONG THE R/W (AT A CENTRAL LOCATION) FOR REMOVAL BY CITY FORCES.

ALL EXISTING PAVEMENT AND CURB AND GUTTER WITHIN THE CONSTRUCTION LIMITS SHALL BE SAW CUT, FULL DEPTH, TO THE NEAT LINES SHOWN ON THE PLANS, OR TO THE NEAREST JOINT, AND REMOVED, UNLESS OTHERWISE NOTED. SAW CUTTING SHALL BE SUBSIDIARY TO THE BID ITEM "PAVEMENT REMOVED".

ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO MAKE CONNECTIONS TO EXISTING PIPE OR EXISTING SMALL STRUCTURES SHALL NOT BE PAID FOR DIRECTLY; BUT SHALL BE SUBSIDIARY TO OTHER ITEMS OF THE CONTRACT.

ALL SIGNAL SECTIONS SHALL HAVE 12" LED SIGNAL LENSES.

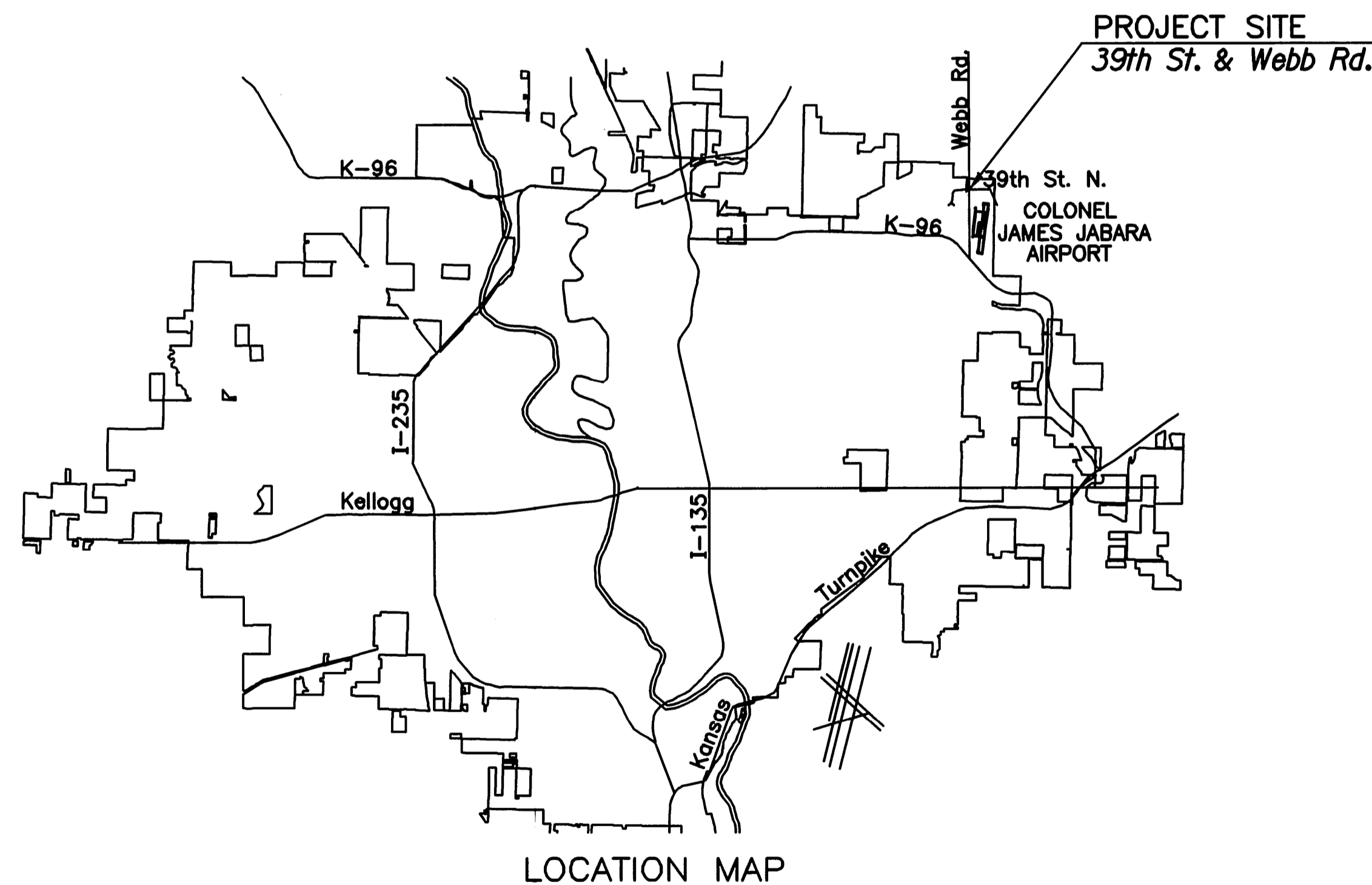
ALL PEDESTRIAN SIGNAL HEADS SHALL HAVE 16" X 18" LED SIGNAL LENSES WITH COUNTDOWN DISPLAYS.

JOINT USE LUMINAIRES ARE SHOWN FOR INFORMATION ONLY. LUMINAIRE, LUMINAIRE ARM, AND WIRING TO BE PROVIDED AND INSTALLED BY WESTAR ENERGY. LUMINAIRE ORIENTATION TO BE ALIGNED WITH MAST ARM AND PERPENDICULAR TO CURB.

THE CONTRACTOR SHALL NOTIFY WESTAR ENERGY TO COORDINATE ENCLOSURE SERVICE CONNECTION, METER INSTALLATION, JOINT USE STREET LIGHT INSTALLATION, AND ALL OTHER ACTIVITIES TO COMPLETE THE TRAFFIC SIGNAL INSTALLATION. FEES ASSOCIATED WITH THIS WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. JOINT USE STREET LIGHTS TO BE SERVED OVERHEAD BY WESTAR ENERGY. THE CONTRACTOR SHALL INSTALL CONDUIT UNDER EXISTING PAVEMENT USING DIRECTIONAL BORING METHODS.

PLACEMENT OF SIGNAL POLES, SERVICE/JUNCTION BOXES, CONDUIT RUNS AND CONTROLLER ARE TYPICAL AND MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO FACILITATE INSTALLATION.

EXISTING STOP SIGNS SHALL REMAIN IN PLACE. CONTRACTOR SHALL REMOVE STOP SIGNS AT THE TIME THE TRAFFIC SIGNAL IS FULLY FUNCTIONAL.

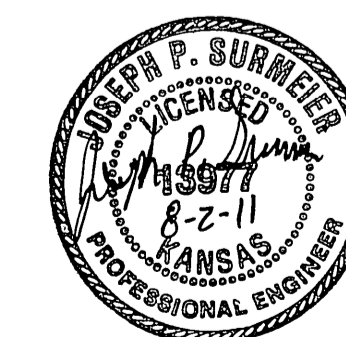


AUGUST 2011

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

PLANS PREPARED BY

Professional Engineering Consultants, P.A.
303 S. TOPKA • 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. 472-84720

CITY OF WICHITA PROJECT NO. 472-84720