

# INTERCHANGE IMPROVEMENTS

## K-96 AT GREENWICH ROAD

CITY OF WICHITA PROJECT NO. 472-85066 OCA NO. 707041

## WATERLINE IMPROVEMENTS

CITY OF WICHITA PROJECT NO. 448-90621 OCA NO. 620661

INDEX OF SHEETS

PART A:

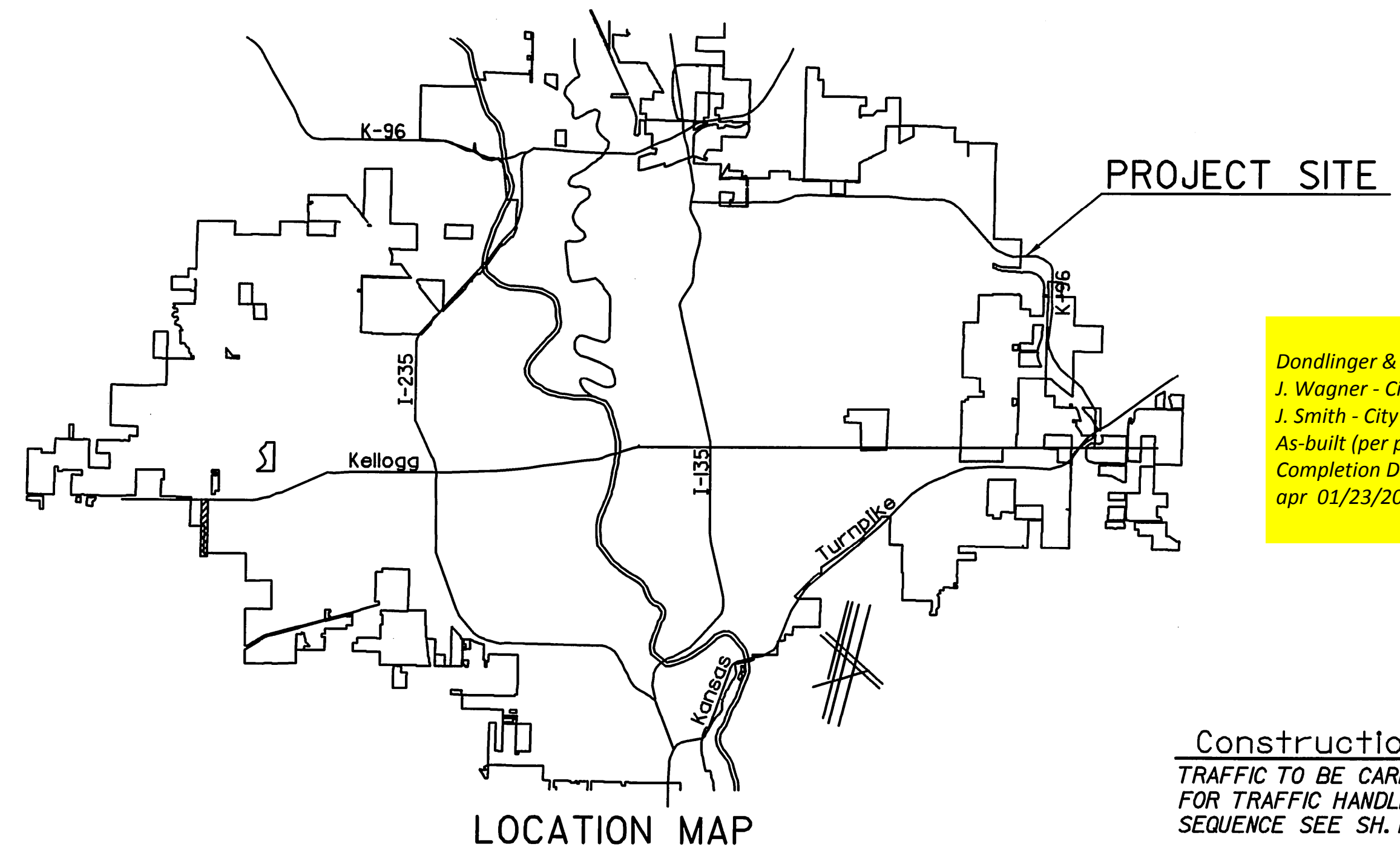
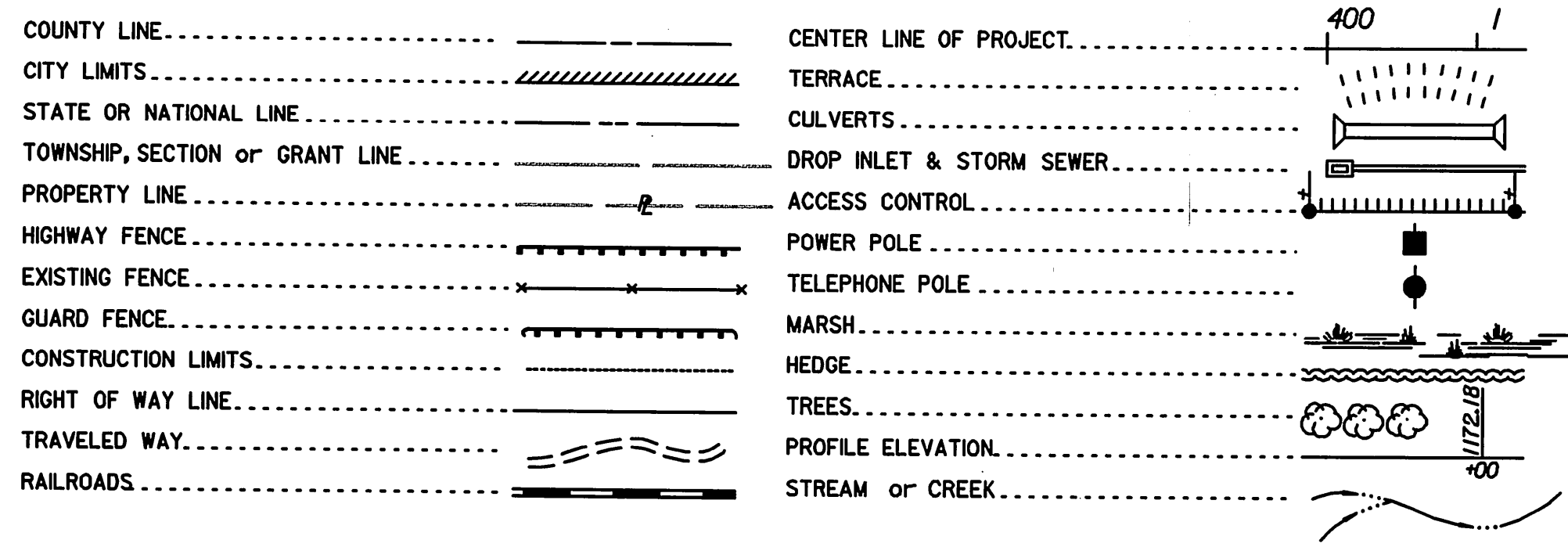
- 1. Title Sheet
- 2 - 8. Typical Sections
- 9. Foundation Treatment & Compaction Diagram
- 10 - 19. K-96 Plan/Profiles
- 20 - 22. Greenwich Road Plans
- 23 - 30. Coordinate Geometry Plans
- 31 - 33. Curve Stake Out Tables
- 34 - 37. Storm Sewer Plan & Profiles
- 38 - 39. Schedule of Inlets and Manholes
- 40 - 42. Interchange Details
- 43 - 45. Intersection Details
- 46 - 51. Paving Plans
- 52 - 55. Concrete Pavement Details
- 56 - 58. Bridge Approach Slab Details
- 59. Curb & Gutter Details
- 60. Valley Gutter Details
- 61. Drive Entrance Details
- 62. Wheelchair Ramp Details
- 63. Miscellaneous Details
- 64. Ditch Lining
- 65. Flume Inlet and Slope Drain
- 66 - 67. Edge Drain Details
- 68 - 72. Inlet and Manhole Details
- 73 - 85. Guardrail Details
- 86 - 89. End Sections
- 90 - 91. 2'-6" x 3' RCB Ext. Details (K-96 Sta. 465+50)
- 92 - 94. 3'-6" x 3' RCB Ext. Details (Rmp W-NS Sta. 461+10)
- 95. RCB Auxiliary Details
- 96. Precast Concrete Box Culvert Details
- 97. Typical Culvert Extensions
- 98 - 126. Bridge No. 96-87-32.78 (412) & 32.79 (411)
- 127 - 129. Retaining Wall Plans and Details
- 130 - 132. Fencing Plans and Details
- 133 - 136. Summary and Recapitulation of Quantities
- 137 - 138. SWPPP Plan
- 139 - 143. Erosion Control - BMP's
- 144 - 148. Landscape Plans
- 149 - 155. Lighting Plans and Details
- 156 - 163. Traffic Signal Plans and Quantities
- 164 - 245. Signing Plans and Details
- 246 - 256. Marking Plans and Details
- 257. Traffic Handling and Construction Sequence
- 258 - 290. Traffic Control Plans
- 291 - 293. Concrete Safety Barrier (Temporary)
- 294 - 338. Cross-Sections (K-96 Mainline)
- 339 - 362. Cross-Sections (K-96 Ramps)
- 363 - 383. Cross-Sections (Greenwich Rd.)
- 384 - 386. Cross-Sections (Greenwich Village)
- 387 - 388. Cross-Sections (26th St.)

Remove these 2 sections

PART B: WATERLINE

- B1. Waterline Title Sheet
- B2. Waterline Key Map
- B3 - B5. Miscellaneous Water Adjustment Plans
- B6. Standard Water Assembly Detail
- B7. Miscellaneous Water Details
- B8. Standard Water Service Detail

CONVENTIONAL SIGNS



Dandlinger & Sons - Contractor  
J. Wagner - City of Wichita, Field Project Engineer  
J. Smith - City of Wichita, Inspector  
As-built (per plan)  
Completion Date: 8/30/2017  
apr 01/23/2018

Construction Traffic Notes  
TRAFFIC TO BE CARRIED THROUGH CONSTRUCTION.  
FOR TRAFFIC HANDLING AND CONSTRUCTION SEQUENCE SEE SH. NO. 257

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 316-687-2470 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.

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 CUTTER 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 RCB, STORMWATER SEWER AND WATERLINE EXCAVATION UNDER PROPOSED PAVEMENT SHALL BE SAND FILLED AND FLUSHED (JETTED AND VIBRATED) WITH WATER PER REQUIREMENTS LISTED IN THE STANDARD SPECIFICATIONS FOR THE CITY OF WICHITA, UNLESS FLOWABLE FILL OR OTHER IMPROVED BACKFILL MATERIAL IS OTHERWISE SPECIFIED. THE SAND FILL SHALL BE BROUGHT UP UNIFORMLY TO AN ELEVATION 12 INCHES ABOVE THE TOP OF THE PIPE OR 2 FEET BELOW THE BOTTOM OF PROPOSED PAVEMENT, WHICHEVER IS HIGHER. ALL COSTS FOR SAND FILLING AND FLUSHING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "FILL, SAND (FLUSHED AND VIBRATED)". THIS ITEM SHALL BE PAID FOR AT THE UNIT PRICE BID PER LINEAR FOOT OF TRENCH FILLED REGARDLESS OF THE TRENCH DEPTH AND/OR PIPE SIZE UNLESS INDICATED OTHERWISE BY THE PLANS OR CONTRACT.

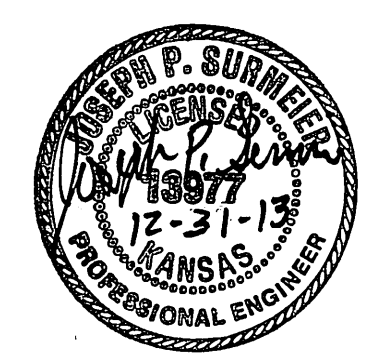
ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO MAKE CONNECTIONS TO EXISTING PIPE OR EXISTING SMALL STRUCTURES SHALL NOT BE PAID FOR DIRECTLY; BUT SHALL BE SUBSIDIARY TO OTHER ITEMS OF THE CONTRACT.

# CITY OF WICHITA, KANSAS

GARY JANZEN, P.E. - CITY ENGINEER

JANUARY 2014

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



PLANS PREPARED BY  
**PEC** PROFESSIONAL ENGINEERING CONSULTANTS, P.A.  
303 SOUTH TOPEKA WICHITA, KS 67202  
316-262-2691 www.pec1.com

APPROVED - DATE  
GARY JANZEN, P.E. CITY ENGINEER  
CITY OF WICHITA, SEDGWICK COUNTY, KANSAS  
CITY NO. 472-85066