

WATER MAIN REPLACEMENT PLANS TO SERVE EASTBOROUGH SOUTH

PROJECT NO. 448-90213

THE CITY OF WICHITA, KANSAS
GARY L. JANZEN, P.E. - INTERIM CITY ENGINEER

OCA NO. 635807

GENERAL NOTES

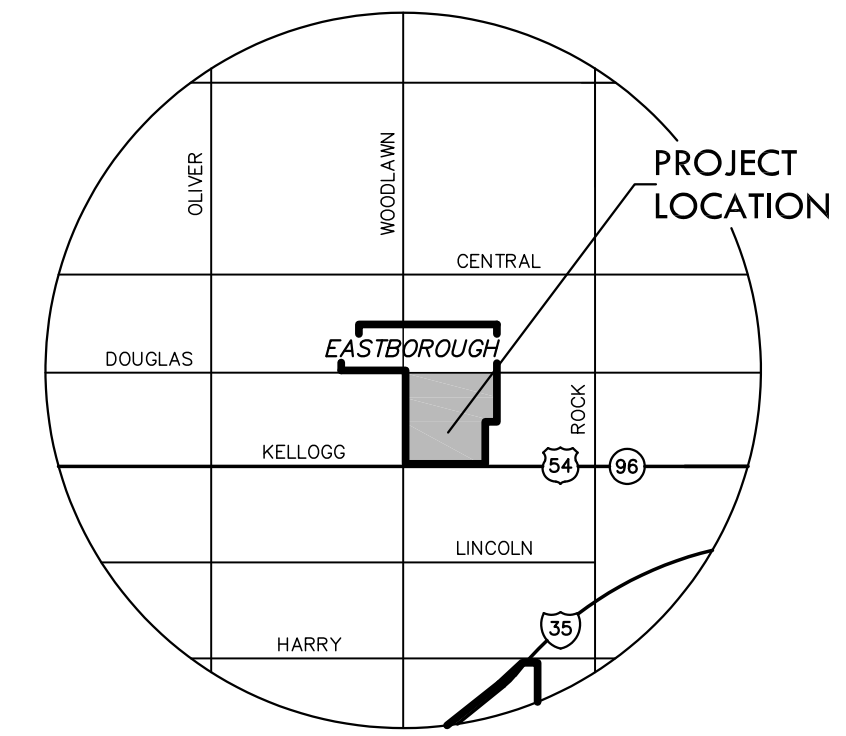
- ALL WATER MAINS AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF WICHITA, KANSAS STANDARD SPECIFICATIONS FOR WATER MAIN INSTALLATIONS.
- CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF SEVENTY-TWO (72) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

KANSAS ONE-CALL OR LOCAL (WICHITA)	1-800-344-7233 687-2470
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THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF EMERGENCY:

COX COMMUNICATIONS (CABLE)	262-0661
WESTAR (ELECTRIC)	383-8600
KANSAS GAS SERVICE (GAS)	832-3101
AT&T (TELEPHONE)	800-870-8390
CITY OF WICHITA WATER & SEWER	262-6000
BLACK HILLS ENERGY (GAS)	800-303-0357

- THE WATER MAIN SHALL BE CONSTRUCTED ON THE ALIGNMENT SHOWN ON THE PLANS. 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, AND SHALL BE INCLUDED IN THE PRICE BID FOR THE INSTALLED WATER PIPE. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
- OPENING AND CLOSING WATER VALVES SHALL BE DONE SLOWLY TO PREVENT DAMAGE TO THE WATER DISTRIBUTION SYSTEM FROM WATER HAMMER. ALL VALVES CLOSED BY THE CONTRACTOR MUST BE REOPENED AS NEW CONSTRUCTION PERMITS. PROJECT INSPECTOR MUST ASCERTAIN THAT ANY VALVE CLOSED BY THE CONTRACTOR IS REOPENED. CONTRACTOR WILL BE PERMITTED TO OPERATE WATER VALVES ONLY WHEN THE PROJECT INSPECTOR ASSIGNED TO THE PROJECT IS PRESENT.
- CONTRACTOR SHALL NOT START WORK ON THE PROJECT UNTIL THE PROJECT INSPECTOR IS ASSIGNED TO THE PROJECT AND IS PRESENT ON THE SITE. ANY WORK DONE WITHOUT INSPECTION WILL BE REQUIRED TO BE UNCOVERED FOR INSPECTION.
- CONTRACTOR IS REQUIRED TO CALL PATSY (316-219-8915) 24 HOURS IN ADVANCE TO PICKING UP NEW WATER METERS AT 1825 S. McLEAN BLVD. PAPERWORK IS DUE TO PATSY NEXT BUSINESS DAY AFTER METER REPLACEMENT.
- 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.
- THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY DIRECTLY ADJUTING CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS NOTICE PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS. ALL COSTS FOR THIS WORK SHALL BE SUBSIDIARY TO SITE RESTORATION.
- THE CONTRACTOR SHALL RESTORE ALL DITCHES, SWALES, ROAD SHOULDERS, ENTRANCES AND BANK LINES TO THEIR ORIGINAL SLOPES AND GRADES EXCEPT AS SHOWN OTHERWISE.
- INTERURBAN TRAFFIC GENERATED OUTSIDE THE PROJECT AREA, AND LOCAL BUSINESS OR RESIDENTIAL TRAFFIC GENERATED WITHIN THE PROJECT AREA, ARE TO BE CARRIED THROUGH CONSTRUCTION AS FURTHER PROMULGATED BY PROJECT SPECIAL PROVISIONS.
- RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES INCLUDING ANY TREES REMOVED AND TREE TRIMMINGS SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. 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 ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.
- ALL LAWN/TURF AREAS DISTURBED BY CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE RESTORED WITH THE SAME GRASS/SOD AS EXISTING. RESTORATION OF DISTURBED AREAS SHALL INCLUDE, BUT NOT BE LIMITED TO, TOP SOIL PREPARATION, SODDING, AND MULCH. ALL SODDING WORK SHALL BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD SPECIFICATIONS AND THE CITY OF WICHITA ADMINISTRATIVE REGULATION NO. AR78 WHICH GOVERNS CLEANUP AND RESTORATION OR REPLACEMENT FOLLOWING CONSTRUCTION. ALL COSTS FOR THIS WORK SHALL BE SUBSIDIARY TO THE LUMP SUM PRICE BID FOR "SODDING".
- THE CONTRACTOR SHALL LAY A TRACER WIRE & SET TEST STATIONS ALONG ALL WATER LINE PIPE INSTALLED IN ACCORDANCE WITH CITY OF WICHITA SPECIFICATIONS & TRACER WIRE DETAIL ON DETAIL SHEET. COST IS SUBSIDIARY TO PIPE INSTALLATION.
- THE CONTRACTOR SHALL USE DIRECTIONAL DRILLING METHODS AS MUCH AS POSSIBLE AND SHALL OPEN CUT ONLY WHERE ABSOLUTELY NECESSARY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LIMIT DISTURBANCES TO PROPERTIES INSIDE OF AND ADJACENT TO CONSTRUCTION AREAS.
- THE CONTRACTOR SHALL SCHEDULE CONSTRUCTION ACTIVITIES SO AS TO LIMIT WATER SERVICE DOWN TIME TO RESIDENCES. WHEREVER POSSIBLE, THE PROPOSED WATER DISTRIBUTION SYSTEM SHALL BE IN PLACE AND ACTIVE ALONGSIDE THE EXISTING SYSTEM WHILE NEW SERVICE LINES ARE INSTALLED TO THE PROPOSED MAINS. ALL PROPOSED SERVICES SHALL BE CONNECTED TO THE PROPOSED MAINS PRIOR TO DISCONNECTING EXISTING WATER MAINS. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING A COPY OF HIS CONSTRUCTION SCHEDULE TO THE PROJECT ENGINEER AND THE CITY OF EASTBOROUGH, KANSAS FOR APPROVAL PRIOR TO CONSTRUCTION START.
- THE CONTRACTOR IS REQUIRED TO CALL PATSY (316-219-8915) 24 HOURS IN ADVANCE TO PICKING UP NEW WATER METERS AT 1825 S. McLEAN BLVD. PAPERWORK IS DUE TO PATSY THE NEXT BUSINESS DAY AFTER METER REPLACEMENT.
- AFTER NEW FIRE HYDRANTS HAVE BEEN PLACED IN SERVICE, THE OLD FIRE HYDRANT IS TO BE REMOVED, HYDRANT VALVE ABANDONED IN-PLACE, THE BRANCH CAPPED AND THE HYDRANT DELIVERED TO 1801 S. McLEAN. COST TO BE SUBSIDIARY TO "TRANSPORTATION OF SALVAGED MATERIAL".
- THE "ABANDON EXISTING SYSTEM" BID ITEM WILL COVER ALL COSTS FOR TAKING THE EXISTING WATER MAINS TO BE ABANDONED OUT OF SERVICE WITH THIS PROJECT. THIS INCLUDES PARTIAL REMOVAL OR CAPPING OF EXISTING LINES, VALVE REMOVAL, CONCRETE FILLING OF VALVE BOXES NO LONGER NEEDED, ETC. CALLED OUT IN THE PLANS FOR MAINS AND LINES CONNECTED TO MAINS. ALL REMAINING ABANDONED PIPE TO BE SAND FILLED.



VICINITY MAP

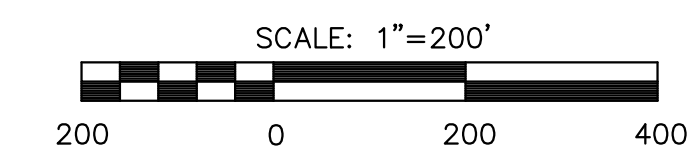


KELLOGG / US-54

**NOTE: WATER LINE VALVES TO BE OPERATED BY
CONTRACTOR ONLY IF WATER INSPECTOR IS ON SITE.**

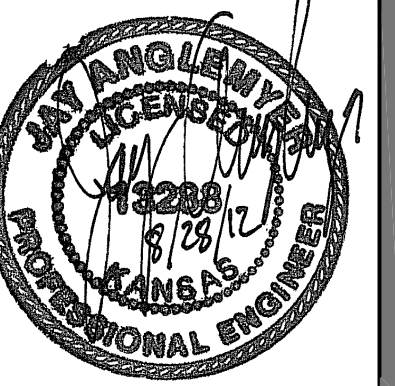
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MKEC
ENGINEERING
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**WATER MAIN REPLACEMENT PLANS FOR
EASTBOROUGH SOUTH**

TITLE SHEET

SHEET TITLE
448-90213
PROJECT NUMBER

DFL / JWC / JRA
DESIGNED DRAWN CHECKED

ISSUED
August 2012

REVISED

SHEET NO.

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