

| FED. ROAD DIST. NO. | STATE | JOB PIECE NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|---------------|-------------|-----------|--------------|
| X | OKLA. | 21899(04) | | | |

| DESCRIPTION | REVISIONS | DATE |
|-------------|-----------|------|
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PAY ITEM NOTES - SANITARY SEWER

1. PAY ITEM INCLUDES 1,162 LF OF PVC SDR 26 AND 446 LF OF PVC SDR 35 TO BE INSTALLED AS SHOWN IN THE PLANS.
2. CONTRACTOR IS REMINDED THE PAY ITEM "UNCLASSIFIED EXCAVATION" INCLUDES ALL EXCAVATED MATERIAL INCLUDING ROCK EXCAVATION PER CITY OF TULSA SPECIFICATION 302. NO ADDITIONAL PAYMENT WILL BE MADE.

GENERAL NOTES - SANITARY SEWER

1. ALL CONSTRUCTION SHALL BE CONDUCTED IN STRICT ACCORDANCE WITH CITY OF TULSA DEPARTMENT STANDARDS AND SPECIFICATIONS.
2. CONTRACTOR SHALL SUBMIT A CONSTRUCTION SAFETY PLAN TO THE CITY OF TULSA FIELD ENGINEERING DEPARTMENT PRIOR TO COMMENCEMENT OF WORK. THE SAFETY PLAN SHALL ADDRESS, BUT NOT BE LIMITED TO ISSUES SUCH AS TRAFFIC CONTROL, WORKSITE SAFETY, MANHOLE VENTILATION, WORK EQUIPMENT, FIRST AID, HYGIENE, AND OTHER RELATED TOPICS. THE CONTRACTOR SHALL BE EXPECTED TO PERFORM THE WORK IN A MANNER THAT BEST PROTECTS THE SAFETY OF WORKERS, INSPECTORS, BYSTANDERS, AND OTHERS WHO MAY BE IN THE VICINITY OF THE PROJECT. FAILURE TO PERFORM THE WORK AND MAINTAIN THE SITE IN A SAFE MANNER, IN THE OPINION OF THE ENGINEER OR OWNER, SHALL BE SUFFICIENT CAUSE TO STOP ALL WORK UNTIL SAFETY PROBLEMS ARE CORRECTED.
3. THE CONTRACTOR SHALL HAVE ONE (1) EXECUTED COPY OF THE CONTRACT DOCUMENTS AT THE JOB SITE AT ALL TIMES.
4. THE UTILITIES SHOWN ON THE DRAWINGS ARE BASED ON THE REVIEW OF UTILITY ATLASES AND UTILITY COMPANY COMMENTS. CONTRACTOR IS RESPONSIBLE TO LOCATE ALL UTILITIES PRIOR TO EXCAVATION FOR MANHOLE OR PIPELINE REPAIR OR REPLACEMENT. CONTRACTOR SHALL CONTACT 1-800-CALL-OKIE (1-800-522-6543) TO LOCATE BURIED UTILITIES. UTILITIES DISTURBED BY THE CONTRACTOR SHALL BE CONTRACTOR'S FULL RESPONSIBILITY FOR REPAIR ACCORDING TO THE UTILITY'S SPECIFICATIONS AND REQUIREMENTS AT NO COST TO THE OWNER.
5. THE CONTRACTOR SHALL PROVIDE TEMPORARY ORANGE SAFETY FENCING AROUND ALL EXCAVATION, INCLUDING TRENCHES, PITS, VAULTS, ETC. TO MAINTAIN SECURITY AND SAFETY FOR ANIMALS, CHILDREN OR ANY BYSTANDER. THE COST OF ORANGE SAFETY FENCE SHALL BE INCLUDED IN OTHER PAY ITEMS.
6. THE CONTRACTOR SHALL WORK IN COOPERATION WITH THE CITY OF TULSA TO ESTABLISH, INSTALL, MAINTAIN AND OPERATE COMPLETE, ADEQUATE AND SAFE TRAFFIC CONTROLS DURING THE ENTIRE CONSTRUCTION PERIOD. FOR ALL ROAD CLOSURES, A TRAFFIC CONTROL PLAN (TCP) SHALL BE SUBMITTED TO AND APPROVED BY THE CITY OF TULSA FIELD ENGINEERING DEPARTMENT. THE CONTRACTOR MUST NOTIFY EMSA, POLICE, FIRE AND MTIA 48 HOURS PRIOR TO STREET CLOSURE.
7. PRIOR TO EXCAVATING, THE CONTRACTOR IS RESPONSIBLE FOR BRACING OR SUPPORTING ANY POWER POLE OR GUY WIRE WITHIN 5 FEET OF EXCAVATION TO THE SATISFACTION OF THE OWNER AND THE UTILITY COMPANY, AT NO ADDITIONAL COST TO THE OWNER.
8. DRIVEWAYS, SIDEWALKS, FENCES AND OTHER AREAS PUBLIC OR PRIVATE DAMAGED BY THE CONTRACTOR SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THAT PRIOR TO THE PROJECT AT HIS OWN EXPENSE.
9. ALL PAVEMENT REMOVAL SHALL BE SAW CUT AT THE NEAT LINES AS INDICATED IN THE SPECIFICATIONS AND STANDARD DETAILS. SAW-CUTS REQUIRED FOR REMOVAL AND REPLACEMENT ITEMS SHALL BE FULL DEPTH OF THE EXISTING PAVEMENT. SAW CUTS SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED SUBSIDIARY TO OTHER ITEMS.
10. ALL UNSUITABLE MATERIALS REMOVED DURING TRENCHING OR EXCAVATION SHALL BE DISPOSED OF AT A SITE APPROVED BY THE OWNER. PRIOR TO TRENCHING AND EXCAVATION, THE CONTRACTOR SHALL SUBMIT THE PROPOSED DISPOSAL SITE TO THE ENGINEER FOR HIS REVIEW. STOCKPILING EXCAVATED MATERIAL IN STREET OR ALLEY RIGHT-OF-WAY MAY BE ALLOWED UPON APPROVAL BY THE ENGINEER. MAINTENANCE OF STOCKPILE SITE IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR MUST MAINTAIN STOCKPILE SITES IN A SAFE, POLLUTION FREE CONDITION THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL NOT STOCKPILE MATERIAL OR STORE ANY EQUIPMENT OVERNIGHT IN THE TULSA REGULATORY FLOODPLAIN.
11. ALL CONCRETE PAVEMENTS, FLEXIBLE PAVEMENTS, CURB AND GUTTER, AND UNPAVED SURFACES SHALL BE FINISHED TO MATCH EXISTING SURROUNDING SURFACES.
12. IN ALL AREAS WHERE EXCAVATION WILL OCCUR, CONTRACTOR SHALL VIDEOTAPE ALL CONCRETE PAVEMENT, BUILDINGS, FOUNDATIONS, LANDSCAPING, LAWNS AND TREES PRIOR TO CONSTRUCTION AND SUBMIT THE VIDEOTAPE TO THE ENGINEER FOR PROJECT RECORDS.
13. TRAFFIC ON ALL STREETS AND ACCESS TO ALL BUSINESS SHALL BE MAINTAINED DURING REGULAR BUSINESS HOURS FOR EACH ESTABLISHMENT. CONTRACTOR MUST MAINTAIN PROPER CONSTRUCTION SIGNAGE AND TRAFFIC CONTROL IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
14. CONTRACTOR MUST NOTIFY HOME OR BUSINESS OWNER A MINIMUM OF 48 HOURS (SPECIFICATION 400) PRIOR TO ANY REHAB OR CONSTRUCTION BEING DONE ON HOME OR BUSINESS OWNER'S PROPERTY.
15. ALL HIGH-PRESSURE GAS LINES SHALL BE POTHOLED TO VERIFY LOCATION BEFORE TRENCHING ACTIVITIES.
16. CONTRACTOR TO BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ANY EXISTING STORAGE SHEDS LOCATED WITHIN THE CONSTRUCTION AREA DAMAGED DURING CONSTRUCTION, AT NO COST TO THE CITY OF TULSA OR THE HOME OR BUSINESS OWNER.
17. CONTRACTOR SHALL REPAIR ANY IRRIGATION SYSTEMS DAMAGED OR DISTURBED DURING THE COURSE OF CONSTRUCTION. PAYMENT SHALL BE INCLUDED IN OTHER ITEMS. NO ADDITIONAL PAYMENT SHALL BE MADE.
18. ALL SANITARY AND STORM SEWER MANHOLE CASTINGS AND LIDS THAT ARE LOCATED IN THE STREET AND ARE DISTURBED BY CONTRACTOR SHALL BE REPLACED WITH NEW ONES, AND THE OLD CASTINGS AND LIDS SHALL BE DELIVERED TO THE SEWER BASE AT 9319 E. 42ND ST. NORTH, AND PLACED IN THE METAL RECYCLE BIN (IN THE STOCKROOM AREA), BETWEEN THE HOURS OF 7:30 AM AND 3:00 PM, MONDAY THROUGH FRIDAY.
19. CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIALS IN THE FLOODPLAIN.

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| CITY OF TULSA ENGINEERING SERVICES DEPARTMENT | TMUA-W 14-01 | ES 2014-02 | SECTION MANAGER | <i>ZM</i> 6/15 | DESIGN | CML | 12/14 | TULSA & ROGERS COUNTIES |
| | | | FIELD MANAGER | <i>SDR</i> 6/20/15 | DRAWN | MAM | 12/14 | |
| | | | DEPUTY DIRECTOR | <i>HAS</i> 7/15 | CHECKED | CML | 4/15 | |
| | | | RECOMMENDED: W & S DIRECTOR | <i>CE</i> 8/15 | APPROVED | | | |
| | | | APPROVED: CITY ENGINEER | <i>PBG</i> 8/15 | SQUAD | GARVER | | |

GENERAL NOTES
(SANITARY SEWER)