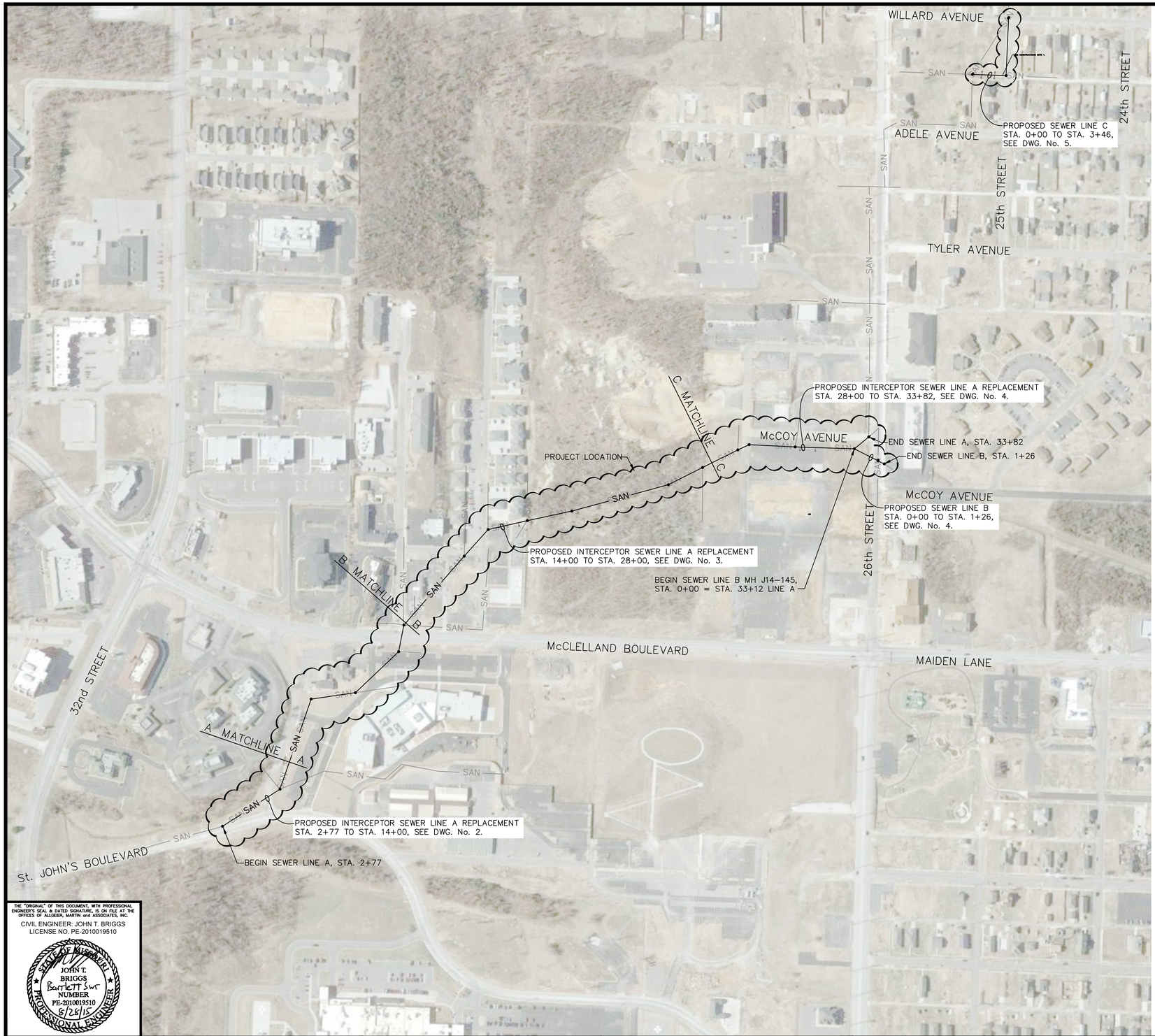
Z:\Joplin MO\City of Joplin\Wastewater\CDBG San. Sewer 2014\Drawings\Bartlett Addition Public (32nd and McIntosh)\01 (overall).dwg, 01, 8/28/2015 9:14:04 AM, Mjones



SPECIAL NOTES – EXISTING LINE REPLACEMENT AREAS:

1. PORTIONS OF PROPOSED REPLACEMENT SEWER ARE TO BE INSTALLED IN THE SAME TRENCH AS THE EXISTING SEWER. PROPOSED SEWER TO BE INSTALLED AS EXISTING SEWER IS REMOVED. EXISTING SEWER AND ASSOCIATED CASING, CONCRETE ENCASEMENT, ETC. SHALL BE REMOVED AND DISPOSED OF OFF SITE BY CONTRACTOR. SEE PLAN AND PROFILE DWG's FOR FLOW LINE ELEVATIONS.
2. FLOW LINE OF EXISTING SEWER IS SHOWN ON PROFILES AS A SHADED DASHED LINE. WHERE NO SHADED DASHED LINE IS SHOWN, FLOW LINE OF PROPOSED REPLACEMENT SEWER MATCHES THAT OF EXISTING SEWER.
3. UNLESS NOTED OTHERWISE ON PLAN AND PROFILE DWG.'S, PROPOSED MANHOLES TO BE INSTALLED AT THE SAME LOCATIONS OF EXISTING MANHOLES. EXISTING MANHOLES SHALL BE REMOVED AND DISPOSED OF OFF SITE BY CONTRACTOR.
4. ALIGNMENT OF PROPOSED REPLACEMENT SEWER IS TO FOLLOW THAT OF EXISTING SEWER. STATIONING AND DEFLECTION ANGLES SHOWN ON PLAN AND PROFILE DWG's MAY HAVE TO BE ADJUSTED IN THE FIELD IN ORDER TO FOLLOW EXISTING ALIGNMENT.
5. IN AREAS WHERE THE EXISTING SEWER LINE OR MANHOLES ARE TO BE REMOVED AND REPLACED WITH THE EXISTING SEWER "LIVE", CONTRACTOR SHALL UTILIZE ALL METHODS, TECHNIQUES AND EQUIPMENT NECESSARY TO MAINTAIN UNRESTRICTED FLOW OF WASTEWATER DURING CONSTRUCTION. THE CONTRACTOR SHALL NOT ALLOW WASTEWATER TO OVERFLOW FROM MANHOLES OR OPEN TRENCHES ONTO THE GROUND SURFACE OR INTO WATERWAYS. ALL WASTEWATER SHALL EITHER BE DIRECTED THROUGH THE TRENCH TO THE DOWNSTREAM SECTIONS OF THE COMPLETED REPLACEMENT SEWER LINE, OR AROUND THE OPEN TRENCH TO DOWNSTREAM SECTIONS OF THE COMPLETED REPLACEMENT SEWER LINE BY PORTABLE, TEMPORARY PUMPING SYSTEMS.
6. CARE SHALL BE TAKEN DURING CONSTRUCTION TO PREVENT SURFACE RUNOFF FROM ENTERING SEWER LINES VIA OPEN TRENCH EXCAVATIONS.
7. THE AMOUNT OF TRENCHING OPENED IN A DAY SHALL NOT EXCEED THE FOOTAGE OF SEWER LINE THAT CAN BE REMOVED AND REPLACED THAT DAY. NO PIPE GAPS BETWEEN SECTIONS OF EXISTING AND REPLACEMENT SEWER LINES SHALL BE ALLOWED TO REMAIN UPON COMPLETION OF A DAY'S WORK.
8. IN AREAS WHERE SEWER IS INSTALLED "LIVE", EACH MANHOLE-TO-MANHOLE SECTION OF REPLACEMENT SEWER SHALL BE INDIVIDUALLY AIR TESTED, PER SPECIFICATIONS, IMMEDIATELY UPON INSTALLATION. UPON SATISFACTORY COMPLETION OF THE AIR TEST, CONTRACTOR SHALL COMPLETE THE CONNECTION OF EXISTING SEWER MAINS CONNECTED TO THE REPLACEMENT SEWER.
9. ALL EXISTING ACTIVE SERVICE TAPS SHALL BE RECONNECTED TO NEWLY INSTALLED SEWER MAIN UPON SATISFACTORY COMPLETION OF AIR TEST.

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE CITY OF JOPLIN STD SPECS UNLESS OTHERWISE NOTED.
2. ALL WORK SHALL BE IN ACCORDANCE WITH THE WORK ZONE SAFETY GUIDELINES OF PART VI OF THE MUTCD & WITH THE BARRICADING SECTION OF THE CITY OF JOPLIN SAFETY MANUAL.
3. ALL PEDESTRIAN FACILITIES SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF THE ADA.
4. CONTRACTOR SHALL, AT HIS EXPENSE, PROVIDE ACCESS TO PRIVATE PROPERTY AT ALL TIMES.
5. CONTRACTOR SHALL, AT HIS EXPENSE, RETAIN THE SERVICES OF A PLS LICENSED IN MISSOURI, WHO SHALL BE RESPONSIBLE FOR RESTORING ANY INCIDENTALLY DAMAGED SURVEY MONUMENTS NOT SCHEDULED FOR REMOVAL AS PART OF CONSTRUCTION PROJECT. CONTRACTOR SHALL NOTIFY THE CITY OF JOPLIN OF ANY MONUMENTS DAMAGED BY AN OUTSIDE PARTY.
6. CONTRACTOR SHALL REMOVE, PRESERVE AND REPLACE ALL SIGNS, MAIL BOXES AND FENCES WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENTS.
7. ALL TRAFFICWAYS INCLUDING DRIVEWAYS, ALLEYWAYS AND SIDEWALKS SHALL REMAIN ACCESSIBLE TO RESIDENTIAL AND EMERGENCY VEHICLES DURING PROJECT DURATION.
8. ALL CONSTRUCTION AND EXCAVATION ACTIVITIES SHALL BE CONFINED TO EASEMENTS, RIGHT-OF-WAY AND / OR WORK AREA LIMITS AS SHOWN ON DRAWINGS.
9. LOCATIONS OF EXISTING UTILITIES AS SHOWN ON PLANS ARE APPROXIMATE, LOCATED WITH INFORMATION PROVIDED BY OTHERS. CONTRACTOR SHALL CONTACT ALL UTILITIES PRIOR TO EXCAVATION, AND SHALL BE RESPONSIBLE FOR THE EXACT LOCATION AND PRESERVATION OF ALL BURIED UTILITY LINES. UTILITY LOCATING SERVICE, SUCH AS MISSOURI DIG-RITE, SHALL BE CONTACTED BY THE CONTRACTOR 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
10. CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITY WITH ALL UTILITY CO.'s, MISSOURI AMERICAN WATER COMPANY, MISSOURI GAS ENERGY, AND THE CITY OF JOPLIN.
11. ALL SURFACES (CONCRETE, ASPHALT, GRAVEL OR DIRT) AND THEIR APPURTENANCES (CURBS, CULVERTS, ETC.) DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH LIKE MATERIALS PER PLANS AND SPECIFICATIONS. CONTRACTOR SHALL OPEN CUT AND REPLACE PAVEMENT ON STREET AND DRIVE CROSSINGS PER SPECIFICATIONS AND STANDARD DRAWING DETAILS, EXCEPT AS NOTED ON THE PLANS WHERE BORES SHALL BE REQUIRED. EACH DRIVE SURFACE CROSSED SHALL REMAIN OPEN TO TRAFFIC AT ALL TIMES, UNLESS APPROVED BY THE CITY OF JOPLIN PRIOR TO START OF CONSTRUCTION.
12. TRAFFIC CONTROL SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE, PLACE AND MAINTAIN ALL BARRIERS (CONES, BARRELS, ETC.) AND SAFETY PERSONNEL (FLAGMEN) AS NECESSARY FOR A SAFE WORKING ENVIRONMENT.
13. IN AREAS WHERE PROPOSED SEWER LINE IS PLACED CLOSE TO EDGE OF ROADWAY, CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS OF ANY DAMAGE OR RUTTING TO EXISTING PAVEMENT MADE BY CONSTRUCTION EQUIPMENT. UPON PROJECT COMPLETION, EXISTING PAVEMENT SHALL BE OF EQUAL TO OR BETTER CONDITION OF THAT IN EXISTENCE PRIOR TO BEGINNING.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LINE AND GRADE STAKING REQUIRED TO COMPLETE THE PROJECT.
15. CONTRACTOR SHALL EXERCISE CAUTION TO GUARD AGAINST THE DEGRADATION OF THE WATERS OF THE STATE DUE TO CONSTRUCTION RELATED POLLUTANTS (SILT, DEBRIS, AND PETROLEUM PRODUCTS).
16. ALL EXISTING ACTIVE SERVICE LATERAL TEES LOCATED ON EXISTING LINES THAT ARE TO BE REPLACED SHALL BE RECONNECTED TO MAIN LINE, PER SPECIFICATIONS.
17. IN SOME LOCATIONS MULTIPLE UTILITIES ARE LOCATED IN EXTREMELY CLOSE PROXIMITY TO THE SEWER LINES TO BE REPLACED AS PART OF THIS PROJECT. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO THESE OTHER EXISTING UTILITIES. IN THE EVENT ANY OTHER UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE RESPECTIVE UTILITY AND MAKE EVERY ATTEMPT TO KEEP INTERRUPTION OF SAID UTILITY SERVICE TO A MINIMUM. ALL COST ASSOCIATED WITH DAMAGE TO OTHER UTILITIES AND THEIR SUBSEQUENT REPAIRS DUE TO CONSTRUCTION ACTIVITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BY-PASS PUMPING OR OTHER METHODS TO KEEP SEWER LINE IN SERVICE AT ALL TIMES DURING THE PROJECT.

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)

LEGEND

- SAN —— PROPOSED GRAVITY SEWER LINE
- SAN —— EXISTING SANITARY SEWER LINE
- PROPOSED MANHOLE
- EXISTING SEWER LATERAL

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REV DATE:	REVISION:

DWN BY:	MHJ
CKD BY:	GDW
APD BY:	JTB
DATE:	AUGUST, 2015

PROJECT
OVERALL SITE PLAN
BARTLETT ADDITION INTERCEPTOR SEWER LINE REPLACEMENT

PLAN NO:

SHEET 1