

GENERAL NOTES

- Utility service lines, poles, valve boxes, meters and etc. 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. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- A saw cut of at least one-half the depth of existing surface courses or one-fourth the depth of the existing total pavement thickness shall be provided at locations where proposed construction abuts an existing surface course or pavement. Removal of that surface or pavement is required. Sowed joint to facilitate removal within three (3) feet of existing joints will not be permitted and for such instances the limits of removal shall extend to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered as subsidiary to the project costs.
- Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted 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 suitable excavation shall be wasted on low lying lots within the addition before any material is disposed of off site.
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.
- 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.
- Limits of earthwork shall match existing ground elevations at the right-of-way line unless otherwise noted on the plans with a new finished grade elevation. When a new finished grade elevation is shown, the earthwork shall extend one foot beyond the right-of-way line and then slope up or down using permissible slopes to match the existing ground surface.
- All transition curb paid for as Roll Type Curb.
- The Contractor shall be responsible for preserving property irons. The Contractor will be required to reestablish any property irons which are damaged or destroyed by his construction operations. Such irons shall be reestablished by a licensed land surveyor in accordance with state laws.
- Contractor shall remove and stockpile organic material (topsoil) to surface all fills (to a minimum of six (6) inches), embankments and any other areas on the site where the original topsoil would be covered or damaged. Topsoil shall be free from trash, debris and surface vegetation of six (6) inches in height or more. After all work has been completed in each area, topsoil shall be placed and graded. (Cost shall be subsidiary to Excavation)
- The contractor shall satisfy himself as to the site conditions and the work that is required to bring the site to grade in accordance with the intent of the plans. No adjustments will be made to the line items for earthwork quantities for items including but not limited to the borrow that has been previously placed on site, the excavation for the reinforced concrete box, etc. Contractors should take into account this material in preparing their bids and no adjustment to the quantities will be made.
- Contractor shall notify adjoining property owners prior to the commencement of the work.
- Trees are to be removed as needed. The cost is Subsidiary to street construction costs.
- All disturbed areas within street right-of-ways shall be seeded with temporary rye grass within 14 days of disturbance at a rate of 250 lbs. per acre.
- Subdivision benchmarks will be flat survey markers, No. 8134-08 3" top diameter available at Kansas Blue Print Co., Inc. (Cost is incidental to curb construction)
- Contractor shall maintain all existing BMPs on project site during construction. Contractor shall repair or replace any existing BMPs that are damaged (cost subsidiary to site restoration). If BMPs were damaged prior to contractor beginning work on project, notify construction inspector or engineer.
- The contractor shall field verify all dimensions and bring any discrepancies to the attention of the engineer.
- All traffic control will be per the latest addition of the MUTCD.
- The city will perform all inspections, testing, as-builts and shop drawing review other than compaction testing. The city shall also provide construction staking as required.
- All work shall be in accordance with the City of Wichita specifications.
- The precast manufacturer shall provide a sealed design detail for all precast items used on the project to insure the intent of the plans are met.
- Detention pond shall be constructed concurrently with initial grading of property, ensure any sediment accumulated during construction is dredged upon completion of each project phase.
- The Contractor shall provide an as-built survey of the mass grading upon completion. The cost shall be subsidiary to the bid items.
- The compaction requirement for the fill under the mass grading shall be Type B, MR-90. The contractor shall be responsible for the compaction and testing of the mass grading to insure the compaction requirements are met. The cost of the testing shall be incidental to other bid items.
- The contractor is to sand fill, flush, and vibrate. If suitable material is found on site for backfill, contractor may be allowed to use on site material at the discretion of the Project Engineer. If the Project Engineer determines on-site material is not suitable, then contractor must haul in fill sand. In the event not enough suitable material for backfill is found on-site, the balance shall be provided by the contractor.
- The cost of a temporary crossing including pipe and backfill to access the site from 47th Street is subsidiary to Site Clearing.
- All silt fence required for this project is provided in the Group 3 bid item. The bid item for BMP, Silt Fence has been removed from the bid proposal for both Group 1 and Group 2.
- All de-watering as necessary shall be subsidiary to Group 3 Site Clearing.
- The right-of-way fence along the KTA shall be removed and reset using existing materials. The new location shall tie into the bridge abutment.
- Any work within the 47th Street right-of-way or access to 47th Street will require a permit from KDOT. Contractor shall coordinate with Ben Koerner at (316) 744-1271 or (316) 217-0367.
- The work within the KTA right-of-way shall be coordinated with the KTA. Contact John Potter at (316) 682-4537.

CONSTRUCTION PLANS FOR PRIVATE STREET AND DRAINAGE IMPROVEMENTS

SOUTHFORK COMMERCIAL ADDITION

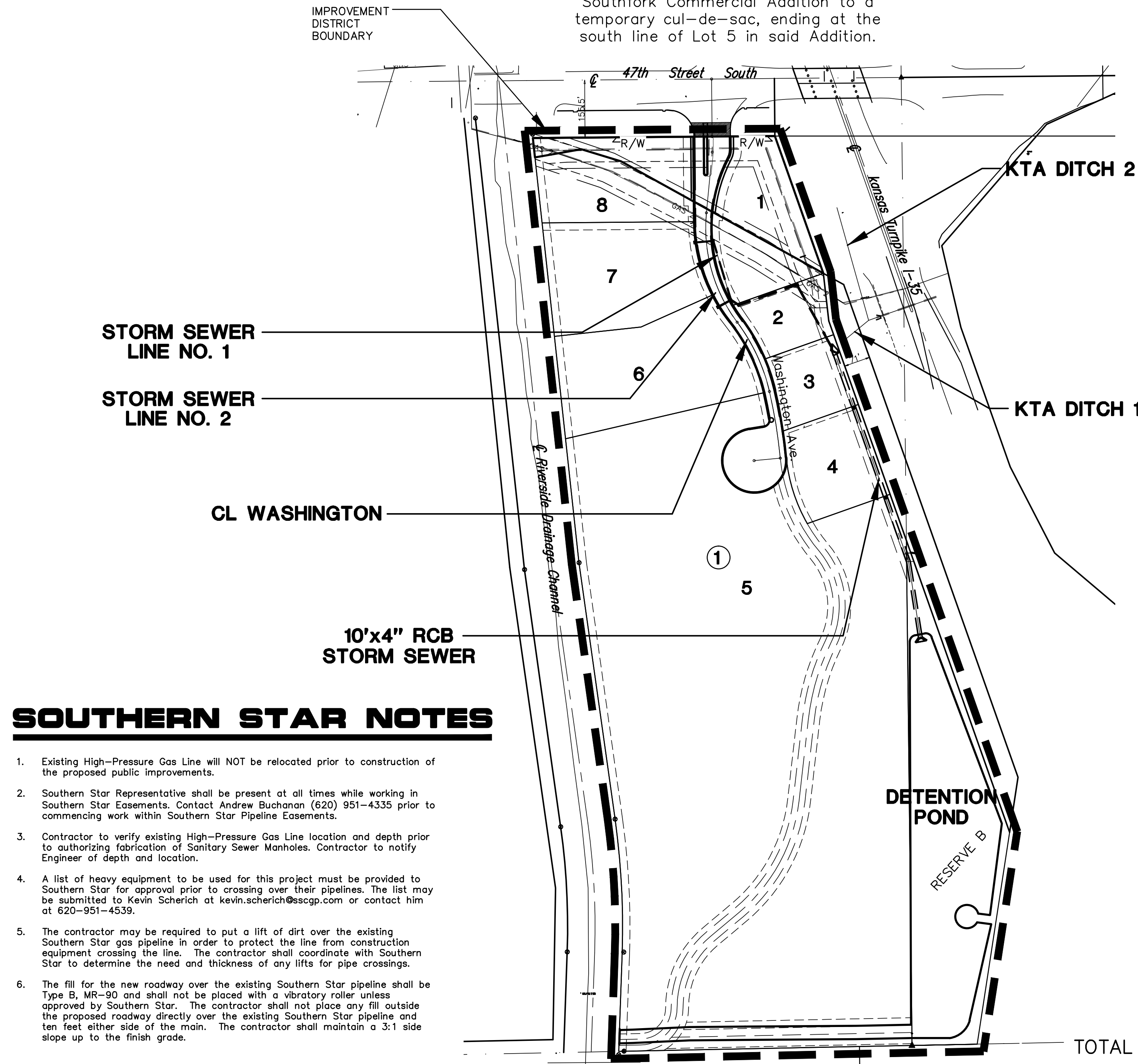
TO

THE CITY OF WICHITA, KANSAS

GARY JANZEN, P.E. - CITY ENGINEER

PROJECT NO. 468-84826(SWD #385) OCA NO. (751507)
472-85050(PAVING) OCA NO. (766279)

Washington Court from the north line of Southfork Commercial Addition to a temporary cul-de-sac, ending at the south line of Lot 5 in said Addition.



SOUTHERN STAR NOTES

- Existing High-Pressure Gas Line will NOT be relocated prior to construction of the proposed public improvements.
- Southern Star Representative shall be present at all times while working in Southern Star Easements. Contact Andrew Buchanan (620) 951-4335 prior to commencing work within Southern Star Pipeline Easements.
- Contractor to verify existing High-Pressure Gas Line location and depth prior to authorizing fabrication of Sanitary Sewer Manholes. Contractor to notify Engineer of depth and location.
- A list of heavy equipment to be used for this project must be provided to Southern Star for approval prior to crossing over their pipelines. The list may be submitted to Kevin Scherich at kevin.scherich@sscgp.com or contact him at 620-951-4539.
- The contractor may be required to put a lift of dirt over the existing Southern Star gas pipeline in order to protect the line from construction equipment crossing the line. The contractor shall coordinate with Southern Star to determine the need and thickness of any lifts for pipe crossings.
- The fill for the new roadway over the existing Southern Star pipeline shall be Type B, MR-90 and shall not be placed with a vibratory roller unless approved by Southern Star. The contractor shall not place any fill outside the proposed roadway directly over the existing Southern Star pipeline and ten feet either side of the main. The contractor shall maintain a 3:1 side slope up to the finish grade.

JANUARY 2014

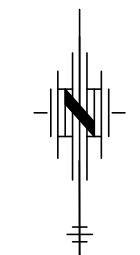
PLANS PREPARED BY



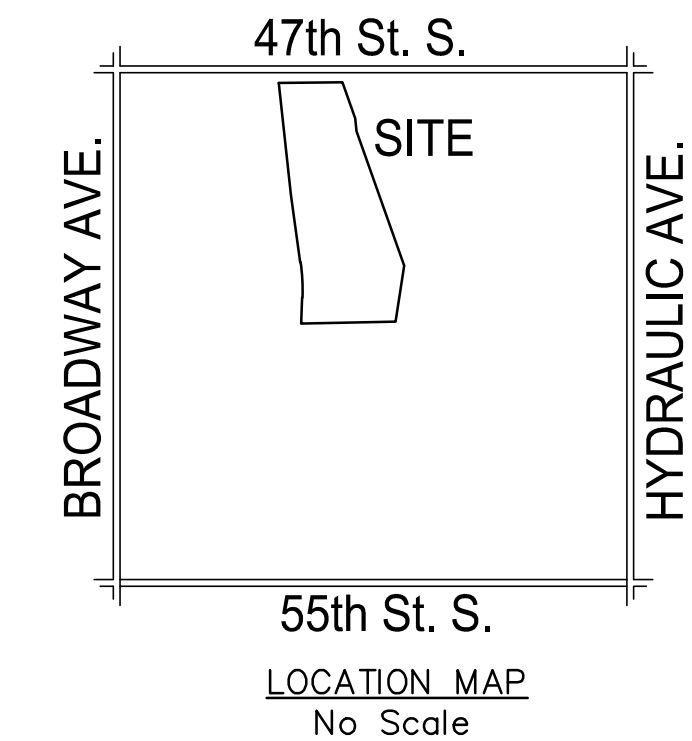
POE & ASSOCIATES, INC.
CONSULTING ENGINEERS
5940 E. Central, Suite 200 ■ Wichita, KS 67208-4242
Phone 316/685-4114 ■ FAX 316/685-4444

INDEX

| | |
|---------------------------------------|-------------|
| TITLE SHEET | SHEET 1 |
| TYPICAL 31' PAVEMENT DETAILS | SHEET 2 |
| WASHINGTON STREET | SHEET 3-5 |
| 10'x4' RCB & KTA DITCH 1 | SHEET 6-7 |
| KTA DITCH 2 | SHEET 8 |
| SWD LINE 1 & 2 | SHEET 9-10 |
| DETENTION POND & OVERFLOW | SHEET 11-12 |
| RETAINING WALL DETAIL | SHEET 13 |
| RCB DETAILS | SHEET 14-16 |
| MISC. STORM SEWER DETAILS | SHEET 17 |
| TYPE 1A INLET DETAIL | SHEET 18 |
| AREA INLET DETAIL | SHEET 19 |
| TYPE "P" MANHOLE DETAIL | SHEET 20 |
| PAVEMENT UNDERDRAIN DETAIL | SHEET 21 |
| SOIL EROSION BMP DETAILS | SHEET 22-25 |
| STORM WATER POLLUTION PREVENTION PLAN | SHEET 26 |
| DRIVEWAY DETAILS | SHEET 27 |
| COORDINATE POINTS LIST | SHEET 28 |
| CROSS SECTIONS | SHEET 29-37 |
| MASS GRADING PLAN | SHEET 38 |
| SUMMARY OF EARTHWORK | SHEET 39 |
| PAVEMENT MARKING PLAN | SHEET 40 |
| TRAFFIC SIGNAL PLAN | SHEET 41 |
| STREET SIGN DETAILS | SHEET 42 |
| SOUTHFORK COMMERCIAL ADDITION PLAT | SHEET 43 |



Scale 1" = 150'



UTILITY CONTACTS:

JOHN FAGEN
AT & T DISTRIBUTION
154 N. BROADWAY
WICHITA, KS 67202
316-268-2245

MARC HENDERSON
COX COMMUNICATIONS
701 EAST DOUGLAS
WICHITA, KS 67202
316-262-4270 / 263-2061

JAMES COE
KANSAS GAS SERVICE
1021 EAST 26TH STREET
NORTH WICHITA, KS 67219
316-832-3126

GREG LOLLEY
WICHITA WATER DEPARTMENT
455 NORTH MAIN, 8TH FLOOR
WICHITA, KS 67202
316-268-4555

KEVIN SCHERICH
SOUTHERN STAR
620-951-4539

KANSAS ONE CALL
1-800-344-7233

BENCH MARKS

Bench Mark #72
City of Wichita bench mark disk. 20.7' E. of E. Broadway curb and 41.5' S. of centerline Custy. Elevation 1274.71 NGVD88 (Elevation 86.82 city datum)

Bench Mark #60
"C" cut on S.E. corner of bridge abutment over Riverside Drainage District on 47th St. S. Elevation 1273.80 NAVD88

TOTAL PROJECT LENGTH: 1,104.02 L.F. = 0.209 Mi.

EARTHWORK SUMMARY (FOR INFORMATION ONLY)

| | PAVING (Road Only) | | MASS GRADING (w/ Pond, Outlet, Channel & Road) |
|-------------------------------|--------------------|------|--|
| Excavation | 1,115 | C.Y. | Excavation 101,404 C.Y. |
| Fill (15%) | 10,077 | C.Y. | Fill (15%) 100,348 C.Y. |
| Borrow (from M.G.P. dirtwork) | 8,962 | C.Y. | *Waste 1,056 C.Y. |

*Waste earthwork shall be spread by contractor on Lots to follow drainage indicated on Mass Grading Plan (See General Note 3 this sheet and sheet 38). Some stockpile has occurred on site that is not included in quantity.