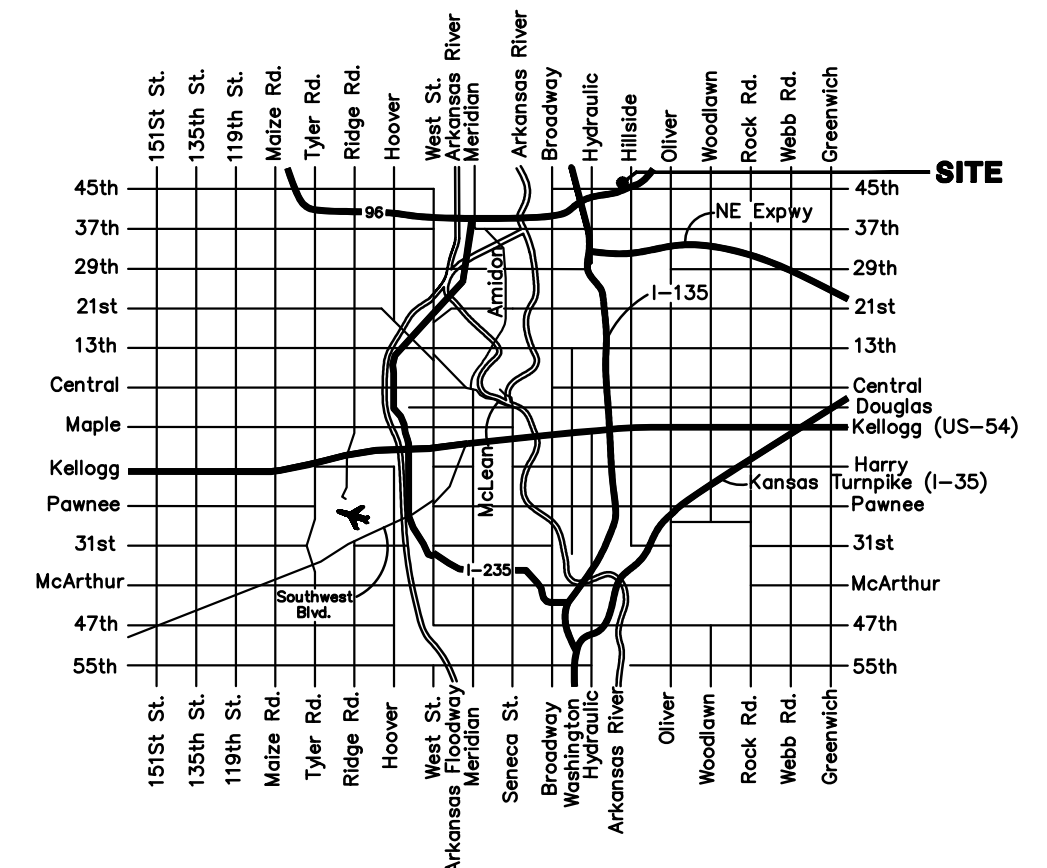


STREET PAVING and INCIDENTAL STORM WATER SEWER FOR 45th COURT NORTH to serve FALCON FALLS 6TH ADDITION - PHASE I

45th COURT NORTH from the north line of 45th St. N.,
north to and including the cul-de-sac

CITY OF WICHITA, KANSAS

Gary Janzen, P.E. City Engineer
Project Number
472-85185 and 448-90681
O.C.A. Number
766326



VICINITY MAP

GENERAL NOTES:

1. Contractor will be required to provide notice to utility companies a minimum of forty-eight (48) hours prior to any excavation, as follows:

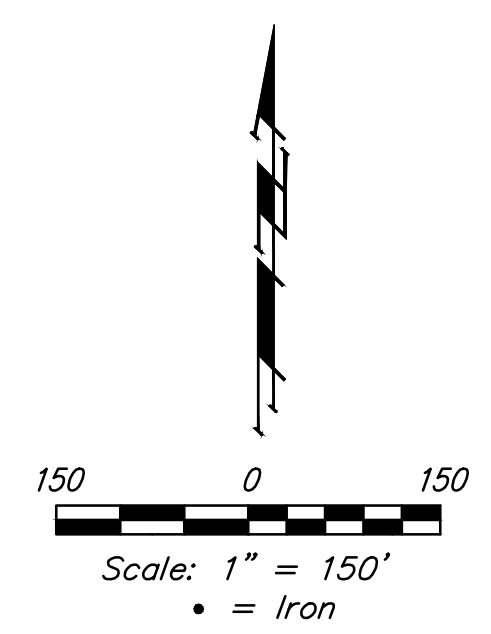
| | |
|---|----------------|
| Kansas One-Call | 687-2470 |
| The Contractor must notify the following in case of an emergency: | |
| Cox Communications | 262-4270 |
| Kansas Gas Service | 1-888-482-4950 |
| Westar Energy | 383-8650 |
| Aquila Energy | 1-800-303-0357 |
| ATT | 268-2245 |
| City of Wichita Water Dept. | 268-4563 |
| City of Wichita Sewer Maint. | 268-4024 |
| City of Wichita Storm Sewer Maint. | 268-4090 |
| City of Wichita Traffic Maint. | 268-4034 |
| Conoco Phillips Pipeline Co. | 1-877-267-2290 |
| Southern Star Pipeline Co. | 529-6600 |
| Kinder-Morgan Pipeline Co. | 1-888-844-5658 |
2. Utility service lines, poles, valve boxes, meters, and etcetera are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. 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.
3. 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, in the opinion of the Engineer, that 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.
4. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor ONLY with the Developer or Baughman Company approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
5. The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days notice prior to start of construction.
6. 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.
7. All existing and proposed erosion control measures including silt fencing, erosion control mat, straw bales, inlet barriers, and const. entrance shall be maintained throughout construction by the Contractor and until project is accepted by the City of Wichita. The on-site Engineer shall complete weekly reports on the status of erosion control measures. The Contractor shall be required to comply with maintenance and/or replacement of erosion control measures as determined by the on-site Engineer until project is accepted by City of Wichita.
8. 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 the existing surface course or pavement for which partial 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 removal of the surface or pavement.
9. All areas disturbed within 45th St. N. right-of-way disturbed by construction shall be seeded and mulched as follows: (Permanent Seeding)

| | |
|-------------------------------------|--|
| SEED -- Kansas Premium Fescue Blend | 8 Lbs./1000 ft. ² & Annual Rye 3 Lbs./1000 ft. ² |
| FERTILIZER -- | 12-24-12 Ratio at 45 Lbs./Ac. |
| MULCH -- | prairie hay at 2 tons/Ac. |

All other disturbed areas not in street R/W are to be seeded as follows: (Temporary seeding)

| | |
|---------|--|
| SEED -- | Rye grass (PLS) 5 Lbs./1000 ft. ² |
|---------|--|

All costs associated with seeding shall be included in bid item "Seeding". All seeding operations shall conform to City of Wichita Standard Specifications.
10. The Contractor shall adjust valve boxes as necessary to match proposed grade. Cost to be included in bid item, "Site Restoration."
11. The Contractor shall drain any standing water in sump areas of the proposed pavement. Contractor shall overexcavate and recompact these areas as required to maintain compaction of 95% Standard Proctor Density. Cost to be incidental to pavement.
12. 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.
13. The Developer for this project is Jay Russell and may be reached at (316) 744-2417.
14. Excess excavation shall be stockpiled or spread on-site at a location determined by the Developer or Design Engineer.



BENCHMARKS

- Chiseled square cut on top of headwall of R.C.B.C., 31.1' southeast of the most southerly corner of Lot 1, Block A, Falcon Falls 5th Addition & 36.6' northeast of the northeast corner of Lot 1, Block "A", Falcon Falls 6th Addition.
Elev. = 1349.83 NAVD88
- Chiseled square cut on top of curb at west end of median, 89.6' south-southwest of the southwest corner of Lot 25, Block A & 86.2' south-southeast of the southeast corner of Lot 43, Block A.
Elev. = 1348.62 NAVD88

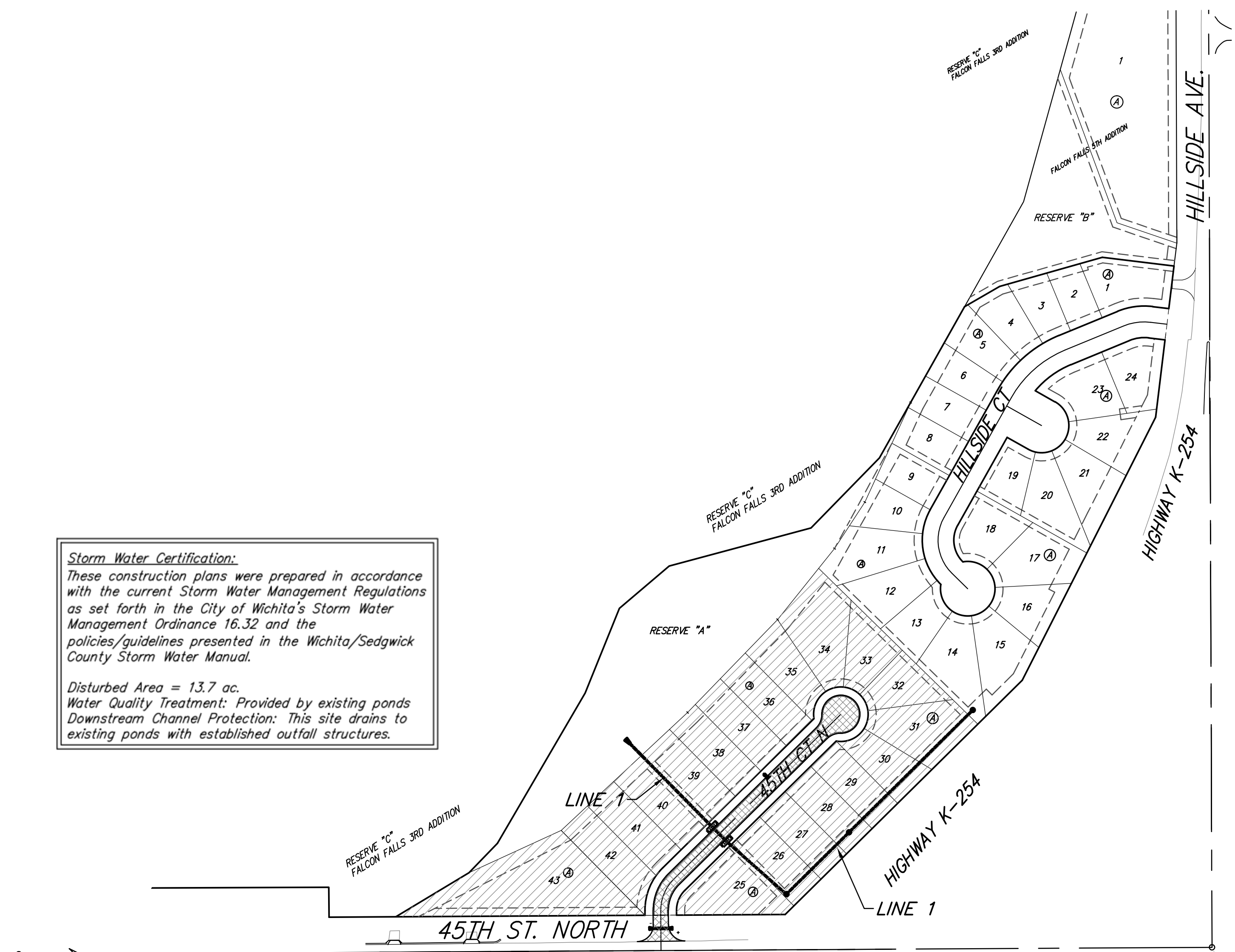
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| Project Earthwork Totals | C.Y. EXCAVATION | C.Y. FILL |
|-----------------------------|-----------------|-----------|
| Street (R/W) | 334 | 244 |
| Total Project Length | | |
| 552 L.F. = 0.10 Miles | | |

Storm Water Certification:
These construction plans were prepared in accordance with the current Storm Water Management Regulations as set forth in the City of Wichita's Storm Water Management Ordinance 16.32 and the policies/guidelines presented in the Wichita/Sedgwick County Storm Water Manual.

Disturbed Area = 13.7 ac.
Water Quality Treatment: Provided by existing ponds
Downstream Channel Protection: This site drains to existing ponds with established outfall structures.



SW COR., SE1/4, SEC. 22,
TWP. 26-S, R-1-E

SE COR., SE1/4, SEC. 22,
TWP. 26-S, R-1-E

Proposed Streets: Benefit District:



Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE