

GENERAL NOTES:

1. Contractor will be required to provide notice to utility companies a minimum of seventy-two (72) hours prior to any excavation, as follows:

Kansas One-Call 687-2470

The Contractor must notify the following in case of an emergency:

AT&T 1-800-246-8464
 Black Hills Energy 1-800-694-8989
 City of Wichita Water & Sewer 1-316-219-8921
 City of Wichita Stormwater 1-316-268-4090
 City of Wichita Traffic 1-316-268-4034
 Cox Communications 1-888-249-3530
 Kansas Gas Service 1-888-482-4950
 Westar Energy 1-800-544-4857

2. Utility service lines, poles, etc. 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 will 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 will 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 with the City Engineer's 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 elevations shown are NAVD 88.

8. The Contractor shall protect from damage and support existing utilities through construction as approved by the utility owner and the Engineer at the contractor's expense.

9. Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.

10. All construction equipment, including vehicles, materials, and debris, shall be stored outside of the clear zone. Where this cannot be achieved the contractor shall place appropriate signs, object identifiers, and/or barricades in compliance with the MUTCD.

11. 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. Sawed 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.

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. 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. Maintenance and/or replacement of erosion control measures to be paid by L.S. bid item "Maintain Existing BMPs".

14. Street R/W adjacent to Reserve "L" shall be seeded and mulched as follows:

Seed -- Kansas Premium Fescue Blend; 8 lbs. PLS/1000 Sq. Ft.
 Annual Rye grass; 3 lbs./1000 Sq. Ft.
 Fertilizer -- 12-24-12 Ratio; 45 Lbs./Ac.
 Mulch -- 2 Tons Prairie Hay/Ac.

All other areas disturbed by construction are to be seeded as follows:

Seed -- Rye grass; 5 lbs./1000 Sq. Ft.

All costs associated with seeding including mobilization, preparation of ground, seeding, fertilizing, mulching, etc. shall be included in the L.S. bid item "Seeding".

An additional bid item for "Seeding, Temporary" has been included and may be used at the discretion of the design engineer. Temporary seed shall be Annual Rye at 5 lbs./1000 Sq. Ft. unless otherwise noted and shall be planted when permanent seed or sod cannot be used due to seasonal limitations. If the "Seeding, Temporary" bid item is not used, 100% of the pay item will be deducted from the contract. All costs associated with temporary seeding including mobilization, preparation of ground, seeding, etc., shall be included in the L.S. bid item "Seeding, Temporary".

15. The developer for this project is Ritchie Development, Kevin Mullen, (316)684-7300.

16. Contractor borrow available on-site from storm sewer trench spoils.

STREET PAVING FOR BRACKEN WITH INCIDENTAL SWS IMPROVEMENTS to serve FIREFLY WAY ADD. Ph. 6

Bracken St. from the north line Lot 27, Block E, north to the north line of Reserve "L"
 Bracken Ct. (Lots 49 through 55, Block D) from west line of Bracken St. west to and including the cul-de-sac
 Bracken Ct. (Lots 56 through 64, Block D) from the west line of Bracken St. west to and including the cul-de-sac

CITY OF WICHITA, KANSAS

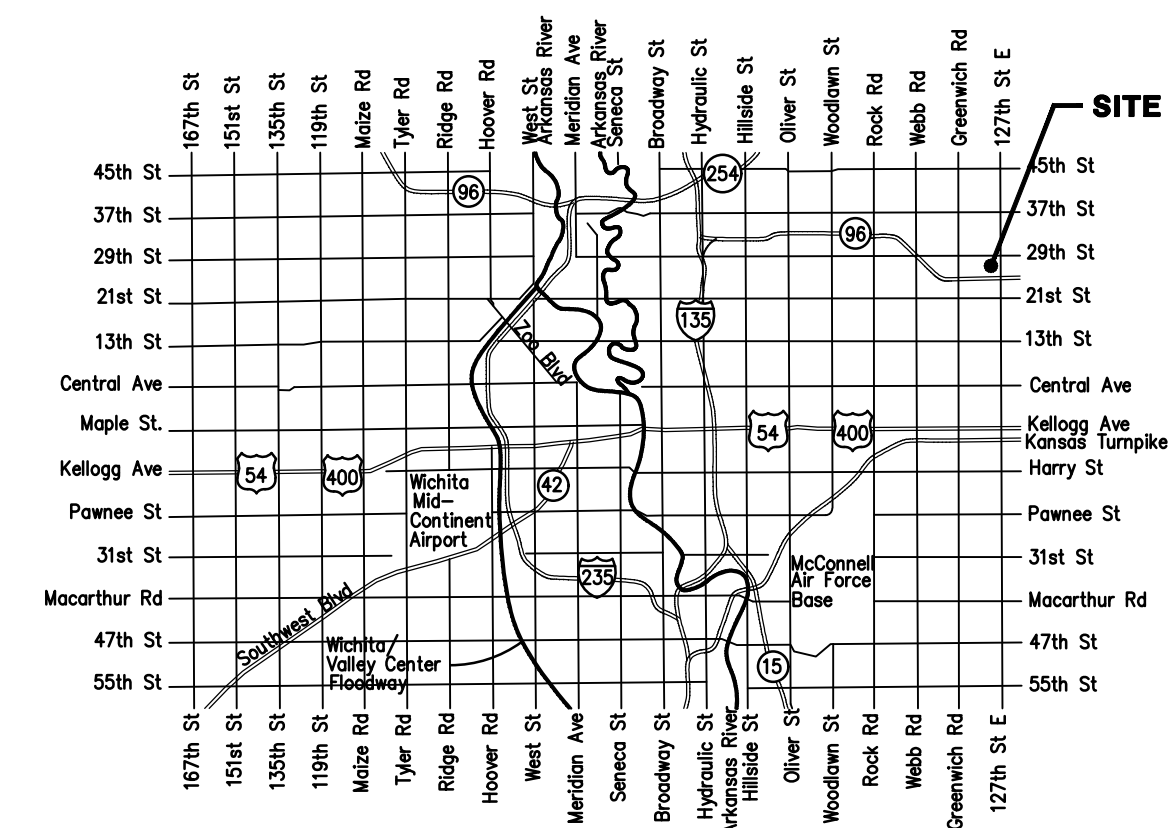
Gary Janzen, P.E. City Engineer

Project Number

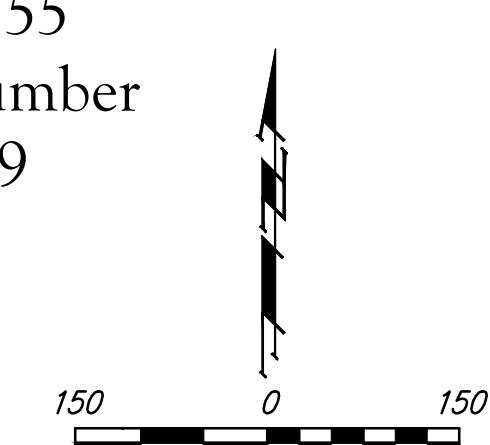
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O.C.A. Number

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Vicinity Map



Sheet Index

Title Sheet	1
Bracken	2-3
Bracken Ct. (Lots 56-64)	4
Bracken Ct. (Lots 49-55)	5
SWS Lines 1	6
SWS Lines 2 & 3	7
SWS Line 4	8
Erosion Control & Esmt. Grading Plan	9
Asphalt Paving Detail	10
Curb & Gutter Detail	11
Sign Detail	12
Type 1A Inlet L=5' and 10' Detail	13
Pavement Underdrain Detail	14
Backyard Inlet Detail	15
Miscellaneous Detail	16
Erosion Control BMP Details	17-21
Street X-Sections	22-27
Coordinate Sheet	28
Copy of Plat	29

Benchmarks

BM#1: RR spike in high line pole, 40' west and 30' south of Lot 60, Block D, Firefly Way Addition.
 Elev. = 1,399.54 NAVD88

BM#2: Benchmark disc in top of curb, adjacent to fire hydrant 15' south of SE corner of Lot 2, Block C, Firefly Way Addition.
 Elev. = 1,396.95 NAVD88

Benefit District 
 Proposed Streets 



Project Earthwork Totals (Unadjusted)
 Excavation = 749 C.Y.
 Loose Fill = 644 C.Y.
 Borrow Exc. = 45 C.Y.
 (Assumes 20% shrinkage of excavation)
 Total Project Length
 1,267 L.F. = 0.24 Miles



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 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE