

GENERAL NOTES

1. Utility service lines, poles, valve boxes, gas 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 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.
2. The Contractor shall give all property owners and/or tenants of developed property abutting the project limits a minimum of ten (10) days advance notice prior to start of construction.
3. Contractor will be required to provide a minimum advance notice of forty-eight (48) hours to utility companies prior to excavation or working adjacent to utilities. Kansas One-Call 687-2470
4. 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 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 or removal shall extend to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered SUBSIDIARY to the removal of the surface or pavement.
5. All project waste including any trees, milled asphalt, rubble from miscellaneous structures, abandoned pipes, excess excavation & etc. 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 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.
6. The Contractor shall be responsible for preserving all sections line & block corner monuments. The Contractor shall procure a licensed Land Surveyor to take accurate ties to said monuments as well as submittal of the required forms to the Dept. of Archives, Kansas State History Society. The Contractor shall set a City survey monument in the required location where said monuments fall within the limits of pavement construction. Survey monuments will be furnished by the City. A licensed Land Surveyor shall locate and install the iron within the monument. The Contractor shall also be responsible for replacing shown Property Irons that are damaged or removed during construction.
7. Prior to bidding the project, each bidder shall visit the site and satisfy himself of surface & subsurface conditions. Each bidder shall also fully inform himself as to the extent of the scope of work to be performed.
8. Contractor shall be aware that some gas & telephone lines within the project corridor may have been abandoned in place as new lines are installed. The Contractor shall be responsible for contacting the appropriate owners to determine the status of said lines.
9. The Water Department shall field locate water valves one time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, water valve boxes or fire hydrant damaged during construction shall be repaired by the Contractor at his own expense.
10. The Contractor shall be made aware that he will be working in close proximity of existing utilities. Any conflicts with such utilities shall be reported to the Engineer. The Contractor shall coordinate the construction of this project with relocation of any existing utilities by the utility companies.

11. The Reinforced Concrete Box Culvert (RCBC) & manholes shall be pre-cast, unless otherwise noted. The RCBC shall conform to ASTM C-850 Standards for loading unless otherwise noted in the plans. The bedding shall be Type 1 Pipe Bedding, crushed rock conforming to ASTM C-33, Gradation No. 67 or clean, crushed concrete. Bedding material shall be compacted. Contractor shall provide the Engineer with shop drawings of the structures for approval prior to construction. All Pre-cast RCB Sections shall have filter fabric wrapped at each joint to prevent infiltration of fines and other material into the conduit.
12. Properties within the project limits may have underground sprinkler systems in public right-of-way which conflict with new construction. The Contractor will be required to repair or replace any system disturbed by project construction. Portions of underground sprinkler systems not in conflict with new construction shall be protected from damage and shall remain in place. All work in connection with underground sprinkler systems shall be considered SUBSIDIARY to the bid item "Private Sprinkler System Restoration".
13. The Contractor shall remove and deliver to the Central Maintenance Facility, 1801 S. McLean, all regulatory signs, street name signs, information signs, and etc. that conflict with the proposed construction. Cost of removal and delivery shall be SUBSIDIARY to the bid item "Transportation of Salvage Material" (Non-Participating)
14. Trees and Shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed and disposed of 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.
15. Fences within the public right-of-way which are in direct conflict with proposed new construction shall be removed and stockpiled on the land owners property by the Contractor with the Engineer's approval. Cost to be SUBSIDIARY to "R/W Clearing and Site Preparation".
16. All lawn/turf areas disturbed by construction shall be restored with the same sod as existing. Restoration of disturbed areas shall include, but not limited to, top soil preparation, sodding, mulch, etc. All sodding work shall be in accordance with City Standard specifications and the City Administrative Regulations No. AR78 which governs cleanup and restoration or replacement following construction. All costs for this work shall be INCIDENTAL to "Site Restoration."
17. The Contractor shall be responsible for installing Erosion Control Blanket (Curlex) at the back of curb (8' wide minimum) when the weather/season prevents the installation of sod. All costs for this work shall be INCIDENTAL to "Site Restoration."
18. The Contractor shall temporarily seed the landscaped medians with Rye applied at a rate of 120 lbs per acre. Prior to seeding, the medians shall be fertilized with 12-24-12 fertilizer applied at 350 lbs per acre. An 8' wide Erosion Control Blanket (Curlex) shall then be installed along the landscaped median.
19. Contractor shall be responsible for implementing erosion control methods during construction to prevent unnecessary silt/sediment discharge through downstream properties and/or storm sewer systems. Contractor shall install and maintain erosion controls as directed by the Engineer. These controls may include, but not limited to: hay bales; silt fences, temporary mulching or other controls necessary to inhibit sediment runoff during construction.
20. All sign post, light pole and traffic signal removal shall include removal of footings as SUBSIDIARY to such removal.
21. The Contractor shall not start work on the Project until the Project Inspector is assigned and is present on site. Any work done without inspection will be required to be uncovered for inspection.
22. New Sidewalk shall have a maximum side slope of not more than one-quarter inch (1/4") per foot and a maximum longitudinal slope of two (2) percent unless otherwise approved by the Engineer. The sidewalk location shown on the plan is tentative. The Contractor shall be aware that the final sidewalk alignment may be subject to field changes based on the new location of power poles, utility pedestals, and trees. However, the Contractor shall make every effort to adhere to the sidewalk plan with respect to slope and drainage conditions.

23. Areas over-excavated in surface or pavement removal shall be filled to sub grade elevation and compacted to 95% Std. Density. Cost shall be SUBSIDIARY to the Project.
24. Geogrid Reinforcement for the rock base shall be Tensar BX1100 as manufactured by the Tensar Corporation, or approved equal. Geogrid fabric shall be SUBSIDIARY to the installation of the Reinf. Crushed Rock Base.
25. The crushed rock base under valley gutters, concrete pavement, and bituminous pavement shall conform to the following limits:

Sieve Size	% Passing
2-1/2"	100
3/4"	40-80
No. 4	20-50
No. 40	6-20
No. 200	2-10

Rock quality shall conform to the requirements specified by the KDOT 1990 Edition Standard Specification, Subsection 1102 for Durability Class 1.
26. The Contractor shall comply with all applicable safety regulations.
27. Existing and Proposed Power Poles may require bracing during certain phases of the Project. The Contractor shall be responsible for coordinating the pole bracing with Miles Capps with Westar Energy at 261-6828.
28. Valve Boxes and Water Meters within the Project Limits shall be adjusted to match Final Grade. Cost to be SUBSIDIARY to the bid item "Adjustment of Water Valves" (Non-Participating).
29. Excavations for Storm Water Sewer systems beneath pavement shall be sand filled and flushed for a minimum distance of two (2) feet behind curb lines, to a level of one (1) foot below the subgrade. The upper one foot of fill shall be approved backfill material, compacted to a minimum of 95% Standard Density. Approved Additional material and Sand Flush and Fill operations will not be paid for directly, but shall be considered SUBSIDIARY to the installation of the pipe

LIST OF UTILITY COMPANIES

Contractor shall be required to provide notice to Kansas One Call at 687-2470 a minimum of two (2) working days prior to any excavation or work adjacent to utilities.

TYPE	OWNER	CONTACT	TELEPHONE	(ALT.)
Locator Service	Kansas One-Call		687-2470	800-344-7233
TV	Cox Communications (Cable)	Marc Henderson	262-4270	
Electric	Westar Energy (K.G.E.)	Miles Capps	261-6824	
Gas	Aquila Energy	Calvin Briggs	941-1608	
Telephone	Southwestern Bell Telephone	Jim Tabin	268-2759	800-286-8313
Water	Wichita Water Department	Bill Perkins	268-4563	268-4908
Storm Water Sewer	Wichita SWS Maintenance	Bob Jennings	268-4095	
Sanitary Sewer	Wichita Sewer Maintenance	Calvin Fugit	268-4024	262-6000



PROJECT NUMBER 472-83863		SHEET NAME Notepage		ENGINEERING DIRECTORY F:\Eng\29th North	
DESIGN TPV	DRAWN TPV	APPROVED JFB	DATE May 2003	SCALE None	BAUGHMAN NO 02-02-E232

CAPITAL IMPROVEMENT PROJECT
GENERAL NOTES

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211