

COUNTY	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
SEDGWICK	KANSAS	87 N-0386-01	2009	3	255

GENERAL NOTES

1. Interurban traffic generated outside the project area and local business or apartment traffic generated within the project area are to be carried through construction, as described in the proposed construction sequencing.

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. 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. 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 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.

4. 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.

5. The Construction Engineer shall be responsible for preserving all sections line monuments. The Construction Engineer shall take accurate ties to said monuments as well as submittal of the required forms to the Dept. of Archives, Kansas State Historical Society. Survey monuments will be furnished and installed by the City.

6. 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.

7. Mailboxes within the limits of the project shall be removed and replaced by the Contractor as approved by the Engineer. Contractor will be required to make satisfactory provisions for mail delivery to properties affected by this project during its construction.

8. 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.

9. 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 be sloped up or down using a 4:1 Slope (Max.) to match the existing ground surface.

10. All entrance and cross road pipe within the project limits shall be removed by the Contractor unless otherwise noted on the plans. Removal of such pipes shall conform to the applicable section of the Standard Specifications.

11. 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 at the Contractor's expense, by a licensed land surveyor or a licensed professional engineer in accordance with state laws. This work will not be paid for directly, but shall be considered subsidiary to other pay items of work in the contract.

12. Valve boxes and water meters within the project limits shall be adjusted to match final grade. The Water Department will 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 hydrants damaged during construction shall be repaired by the Contractor at his own expense.

13. The Contractor shall give all property owners/tenants of developed property abutting the project limits a minimum of ten (10) days advance notice prior to start of construction.

14. 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.

15. 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.

16. The Contractor shall be 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 company.

17. Contractor shall remove and deliver to 1801 S. McLean all sewer manhole frame and lids, regulatory signs, street name signs, signal poles, signals, mast arms, cabinet, etc. noted for removal during construction. All associated costs to transport the salvaged material will be SUBSIDIARY to the bid item "Transportation of Salvaged Materials" (Non-Participating).

18. All areas disturbed by the construction that are adjacent to developed properties shall be restored with sod to match the existing turf type. Restoration of disturbed areas shall include, but not be limited to, top soil preparation, fertilizer, and sod installation. All sodding work shall be in accordance with the City of Wichita Standard Specifications and City of Wichita Administrative Regulation No. AR6.5, which governs cleanup and restoration or replacement following construction. The "Recapitulation of Quantities" shows the estimated Square Yards of disturbed area to be sodded, from construction limit to construction limit. When the weather/season prevents the installation of sod, the Contractor shall be responsible for installing Erosion Control Blanket (Curllex 1, or approved equal) at the back of curb (8' minimum wide). All costs for this work will be paid for through the bid item "Sodding".

All areas disturbed by construction that are adjacent to non-developed properties shall be restored by seeding with a mixture of Ryegrass (applied at a rate of 50 lbs. per acre) and Buffalo grass (applied at a rate of 200 lbs. per acre). Restoration of disturbed areas shall include, but not be limited to, topsoil preparation, seeding, fertilizer and mulching. All seeding work shall be in accordance with the City of Wichita Standard Specifications and City of Wichita Administrative Regulation No. AR6.5, which governs cleanup and restoration or replacement following construction. The seed shall be watered with deep soaking for a period of 20 days, starting with the last placement of seed on the project. The "Recapitulation of Quantities" shows the estimated Square Yards of disturbed area to be seeded, from construction limit to construction limit.

The contractor shall be responsible for installing Erosion Control Blanket (Excelsior - Curllex 1, or approved equal), over all seeded areas. All costs associated with permanent seeding and erosion blanket will be paid for through the bid item "Project Seeding".

18. (Cont'd.) The plans indicate which areas are to be sodded and, when applicable, which areas are to be seeded, and provide estimated quantities accordingly.

19. Contractor must implement erosion control methods during construction to prevent unnecessary silt/sediment discharge to downstream properties and/or storm sewer systems. Contractor will install and maintain erosion controls as shown on the plans or directed by the Engineer. These controls may include: hay bales, silt fences and other controls as approved by the City Engineer's office.

20. 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.

21. Construction staking will be performed by the City of Wichita Public Works Department. The contractor must coordinate the survey staking with the City of Wichita Public Works Department and give the surveyor forty-eight (48) hours notice when stakes are required.

22. Geogrid Reinforcement for the rock base shall be Tensar BX1100 as manufactured by the Tensar Corporation, or Geolon HP570 as manufactured by Mirafi Corporation. Geogrid fabric shall be SUBSIDIARY to the installation of the Reinf. Crushed Rock Base.

23. When beginning or ending full height curb, the height of the curb shall transition from 1.5' to 6' in a minimum of 5.00'.

24. Any tree that must have branches removed shall be trimmed with a sharp instrument/tool that is intended for such operations. Consult with Design Engineer prior to trimming. Knocking branches off with a backhoe or other similar machine is not acceptable!


25. Traffic Control: With traffic as detailed in Construction Sequencing shown elsewhere in these plans, contractor shall provide, erect, and maintain traffic control devices in accordance with the Manual on Uniform Traffic Control Devices (M.U.T.C.D.) as shown on the Traffic Control plans and subject to Engineer's approval. Access to Residences & Businesses shall be maintained at all times.

26. The handrail depicted in the Greenwich Road Section (Sta. 137+54.10 to Sta. 139+12.11) will conform to the handrail details contained in the plans. Contractor to submit shop drawings for review prior to fabrication.

27. The Contractor has the option of utilizing cast in place or pre-cast box culverts. This work will be paid for as per plan quantity.

28. The Contractor shall give the KTA a minimum of thirty (30) days advance notice prior to starting construction and/or traffic control items affecting the KTA. Contact John Potter of the KTA at 652-2672.

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CITY OF WICHITA JAMES ARMOUR, P.E., CITY ENGINEER GREENWICH ROAD		
GENERAL NOTES		
 Wichita, Kansas		
SCALE 1"=20'	DATE 11/23/2009	DWG. NO. 35751A