STORM SEWER IMPROVEMENTS TO SERVE

HARVEY'S WALNUT GROVE ADDITION

OF

CITY OF WICHITA, KANSAS

JAMES ARMOUR, P.E. – CITY ENGINEER

468-84721 OCA NO. 133117

UTILITY CONTACTS

AT&T	Jason Edwards	(316) 268-2008
COX Communications	Jeremy Wallace	(316) 260-7195
Kansas Gas Service	Jim Coe	(316) 832-3126
Westar Energy	Shane Price	(316) 261-6315
Wichita Water Dept.	Greg Lolley	(316) 268-4555

GENERAL NOTES:

1. Existing utilities, both above and below ground, and their locations as shown on the plans, represent the best information available for design. The locations of utilities as shown on the plans are not guaranteed and the Contractor shall verify all utilities and their locations before beginning construction. Additional utilities, including relocated utilities, which are not shown on the plans may be encountered. In this event, the Contractor shall adjust his schedule and cooperate with the utility companies to ensure that their facilities be adjusted as required to clear construction. The Contractor shall exercise extreme caution while working near utilities.

2. All storm sewer lines and appurtenances shall be installed in accordance with the City of Wichita, Kansas Standard Specifications for Storm Sewer Construction.

3. The Contractor shall not start work or authorize the work on the project until the City Inspector assigned to the project is present. Any work done without inspection will be required to be uncovered for inspection.

4. Telephone poles within close proximity to the new storm sewer may require temporary bracing to facilitate construction. Contractor shall contact Jason Edwards with AT&T at (316) 268-2008 prior to construction to coordinate pole bracing.

5. All open cut pipe trench under new pavement shall be back-filled with sand, flushed with water and vibrated.

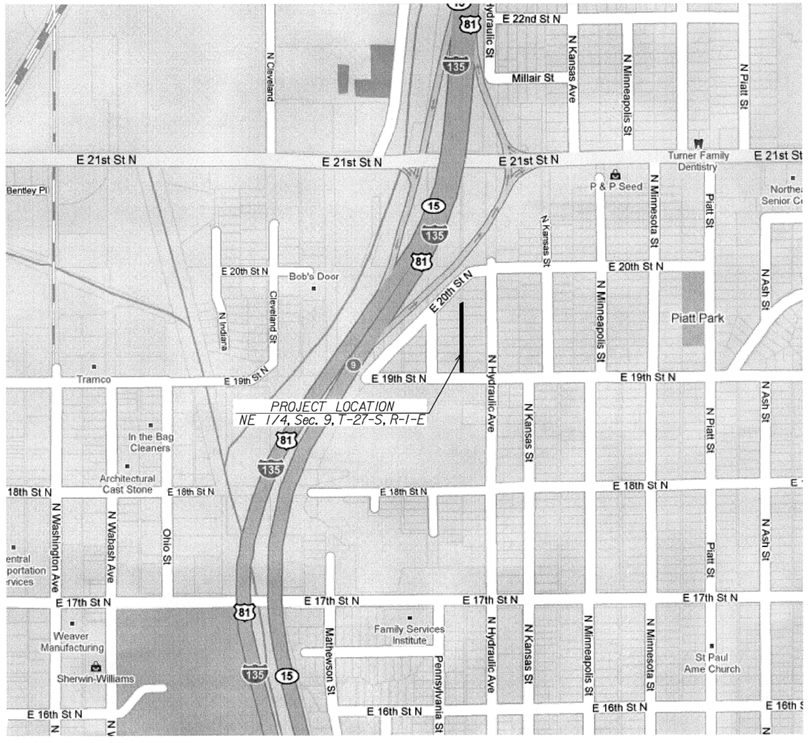
6. All trenches in pavement or driveways which will be required to carry traffic until permanent replacement shall be topped with a Minimum of 6" Crushed Rock (compacted) to be INCIDENTAL to "SITE RESTORATION." Contractor shall be required to maintain temporary crushed rock until permanent pavement is installed.

7. Contractor shall give all Property Owners and/or Tenants of developed property directly abutting the construction of the project a minimum of ten (10) days notice prior to the start of construction. Contractor shall also give adjacent Property Owners and/or Tenants forty-eight (48) hours notice prior to shutting down 2" water main. The City Inspector must also be onsite when the water main valves are opened and closed.

8. Each bidder shall visit the site of the project before submitting a proposal in order to become better informed of the existing field condition and obstacles which might be encountered during construction. Each bidder should understand that no additional compensation will be awarded for extra work that should have been evaluated prior to bidding.

9. 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 permitting regulations. Any material buried or stockpiled beyond approved of Engineers construction limits would require additional archeological investigations unless buried in a previously approved borrow location.

10. The Contractor shall promptly, and before such conditions are disturbed, notify the Engineer if conditions on the site differ from those shown on the plans.



VICINITY MAP

Approximately 437.0 LF of Storm Sewer

NO SCALE

SHEET INDEX

C100	TITLE SHEET
C101	SITE SURVEY
C200	SWS PLAN & PROFILE
C201	CURB INLET DETAILS
C202	MH FRAME & COVER DETAILS
C203	DROP INLET DETAILS
C300-C304	EROSION BMP DETAILS

GENERAL NOTES CONT'D:

11. The Contractor shall use Best Management Practices (BMP's) to prevent eroded soil from entering ditches, culverts, and drainage areas. Standard details for erosion BMP's are included in these plans. The Contractor shall follow the intent of the BMP's, which act as a guideline.

12. The Contractor will be required to provide a minimum of seventy-two (72) hours advanced notice to Kansas One Call (1-800-344-7233) and all utility owners within the project prior to the beginning of construction and request that any existing lines be flagged.

13. All adjacent buildings, structures, parking lots, drives, street pavements, utility lines, utility structures and appurtenances other than shown for replacement shall be protected from damage during construction of the project. Items damaged beyond the limits shown on the drawings shall be removed and replaced by the Contractor at no additional cost to the Owner.

14. The Contractor shall comply with all applicable safety regulations, insuring the safety of personnel directly involved with the project and insuring the safety of the public shall be the Contractor's responsibility.

15. Survey stakes, bench marks, and property pins destroyed by the Contractor will be replaced at the Contractor's expense. The Contractor shall survey and stake property irons on the west side of the southern-most property, along the alley, within the project prior to construction and notify the Engineer if irons cannot be located. If the property irons are located prior to the project's construction, the same property irons must be verified by a surveyor, licensed in Kansas, with stamped and sealed documentation submitted to the Engineer at the conclusion of the project. If property irons are missing or disturbed, the licensed surveyor shall reset the property irons and submit stamped and sealed documentation to the Engineer. Cost of surveys and documentation are subsidiary to the bid item "SITE RESTORATION."

16. The Contractor shall field verify all utility depths prior to construction and shall notify the Engineer of any conflicts.

17. The topographic and boundary survey, including but not limited to property lines, legal descriptions, existing utilities, site topography including spot elevations, existing structural locations and outstanding physical features, has been provided by Savoy Company, P.A.

18. The City shall provide all construction staking.

19. The City shall provide all construction inspection, testing and shop drawing review.

20. The Contractor shall provide all materials, labor and equipment for lowering the 2" Water Main at Sta. 0+28.06, SWS. This work shall be bid Lump Sum as "Relocate 2" Water Main". All waterlines shall be installed in accordance with the City of Wichita, Kansas Standard Specifications for Waterline Construction.

21. The 18" Flapgate shall be a Waterman AF-41 Flatback Aluminum Drainage (Flap) Gate or approved equal by the Engineer. The 18" Flapgate shall be installed per the manufacturer's recommendations.

22. The Temporary 40' Construction Easement is only for access and removal of existing concrete. It is the Contractor's responsibility to make arrangements with property owners for staging areas.

BRYCE L. BARKLEY LICENSED 19755 1-5-11 KANSAS PROFESSIONAL ENGINEER

Rev.	Date	By	Description

Designer: BLB
Drawn By: JGF
Date: January 5, 2011
Revision No.

ASM Engineering Consultants, LLC
12469 SW 15th
Benton, KS 67017
O: 316-778-2215
F: 316-778-1204

Client: STORMWATER MANAGEMENT CITY OF WICHITA, KANSAS

HARVEY'S WALNUT GROVE ADDITION
WICHITA, KANSAS

TITLE SHEET

JAMES ARMOUR, P.E. - CITY ENGINEER
Project No. 468-84721 OCA No. 133116

Drawing No. C100

Project No. 462

Y:\2010\462_COW_North Hydraulic SWS\Sheets\462_C100_Title Sheet.dgn