

PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KA-1006-04	2010	2	71

GENERAL NOTES

- At borrow area locations adjacent to the right of way, utility poles may be set at the permanent locations prior to construction as approved by the Engineer provided a minimum vertical clearance, in accordance with the National Electrical Safety Code, is obtained. The contractor will be required to work around these poles to complete the work.
- All borrow to be obtained from areas provided by the contractor shall be approved by the Engineer, both as to suitability of material and site location. Locations which, in the opinion of the Engineer, contain unsuitable material or will leave an unsightly appearance on the project will not be approved.
- A gross VMF of 0.68 has been estimated for this project which includes quantities for initial consolidation & settlement.
- The Contractor shall satisfy himself of surface and subsurface conditions prior to bidding. Each bidder shall also fully inform himself as to the extent of the scope of work to be performed.
- Excavation shown to be wasted shall be wasted on sites 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.
- 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 sloped up or down using permissible slopes to match the existing ground surface.
- The existing surfacing, existing inlets & all pipes that are removed during the course of necessary construction, shall become the property of the contractor.
- The information shown in these plans concerning type and location of underground utilities is not guaranteed to be accurate or all-inclusive. The contractor is responsible for making his own determinations as to the type and location of underground utilities as may be necessary to avoid damage thereto.
- The Contractor shall notify pipeline companies at least 24 hours in advance of any work being performed across and/or adjacent to pipelines.
- The field survey information shown on the drawings represents the existing topographic conditions as best as could be determined at the time of the survey. Differences in the vertical and horizontal control between the original grading/surfacing plans and the new survey could result in the field adjustment of transition lengths at locations where the new construction is to match existing features and profile grades.
- Soil for embankment construction: All soil used in the top 18" of the embankment should conform to the following requirements: $2 \leq PI \leq 23$ and $15 \leq LL \leq 40$. Soils which contain substantial organic material, such as those classified as OL or OH according to the unified soil classification system (ASTM D2487) should not be used to construct the embankment or subgrade. The organic material may be used as select soil to cap the sideslopes of the embankment.
- All labor, materials, and equipment necessary to make connections to existing pipe or existing small structures shall not be paid for directly, but shall be SUBSIDIARY to the cost of pipe installation.
- Only active building drain lines are to be reconnected to the new storm sewer construction. It will be the sole responsibility of the Contractor to ascertain which such building drain lines and/or connections are active and which such drains and/or connections have been abandoned. All work involved with building drain line construction and/or building drain line connections shall conform to the applicable sections of the City of Wichita Code. This work, if necessary, will be SUBSIDIARY to other bid items.
- The Contractor must examine the construction site prior to bidding and be satisfied as to the work shown for completion. After bids have been received, the Contractor shall not assert that there was a misunderstanding of the quantities of work or of the nature of the work to be completed.
- All construction and materials, unless otherwise noted, to comply with City of Wichita specifications and standards, and/or standard specifications for State Road and Bridge Construction (2007).
- Any fence removed for construction shall be repaired in a condition equal to, or better than original, at no additional cost to the owner. This cost shall be considered SUBSIDIARY to other bid items.
- 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.
- The Contractor shall be responsible for preserving property irons. The Contractor will be required to reestablish any property irons which are damaged or destroyed by his construction operations. Such irons shall be reestablished by a licensed land surveyor or a licensed professional engineer in accordance with state laws.
- Utilities service lines, poles, valve boxes, gas meters, and etcetera may need to be adjusted by others during construction. The contractor will be required to coordinate construction activities with these utility owners. 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.
- A full depth saw cut of the existing surface courses of the existing total pavement thickness shall be provided at the 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 of 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 bid item of "Pavement Removal".
- 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. Materials 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.
- 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.
- 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.
- 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.
- 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. City of Wichita shall replace Thimbles.
- Excavations for Storm Water Sewer systems beneath and adjacent to pavement shall be sand filled, flushed, and vibrated to 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. Sand Fill, Flush & Vibrate operations shall be SUBSIDIARY to linear foot quantity of Storm Sewer pipe installation.
- 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.
- All lawn/turf areas disturbed by construction shall be restored with same sod as existing. Restoration of disturbed areas shall include, but not be limited to, top soil preparation and sodding. All sodding work shall be in accordance with City Standard specifications and the City Administrative Regulations No. AR6.5, which governs cleanup and restoration or replacement following construction. When the weather/season prevents the installation of sod, the Contractor shall be responsible for installing Erosion Control Blanket (Curlex 1, or approved equal) at the back of curb (8' wide minimum). Erosion Control Blanket shall be paid for as Lin. Ft. of "BMP, Back of Curb Protection".
- 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 five (5) percent unless otherwise approved by the Engineer. The sidewalk location shown on the plan is tentative. The Contractor shall be aware that 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.
- 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 other bid items.
- If this Project impacts Wichita Transit Services bus routes, the Contractor for this Project shall be required to notify WTS of construction activities that prohibit normal bus route operations through the Project. Contact information is Michael Vison at 265-7221.
- Construction of temporary drives required for business access during construction shall be SUBSIDIARY to the bid item "Traffic Control" and shall include all grading, fill, compaction, removal, disposal and etc. necessary for business access.

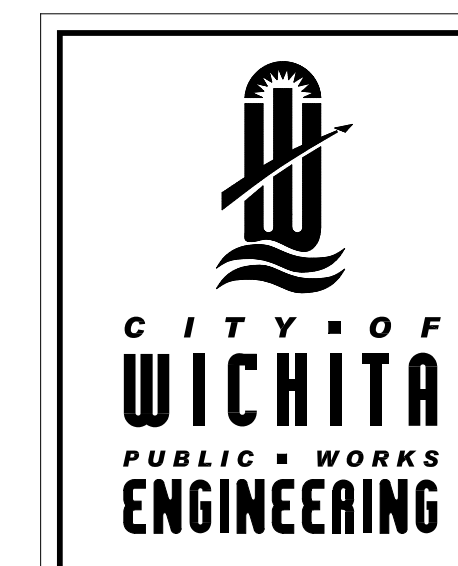
UTILITY OWNERS

KS Gas Service (Gas I)
1021 E. 26th St. N.
Wichita, KS 67219
Emergency
(888) 482-4950

AT&T (F/UGT)
154 N. Broadway Rm. 1070
Wichita, KS 67202
(866) 861-7678

Wichita Water and Sewer (W/SS)
455 N. Main
Wichita, KS 67202
(316) 268-4578

Westar (OHP)
1900 E. Central P.O. Box 208
Wichita, KS 67201
(316) 261-6824



GENERAL NOTES & UTILITY CONTACTS		
CITY ENGINEER		
JAMES L. ARMOUR, P.E., L.S.		
PROJECT NUMBER	OCA NUMBER	DATE
472-84872	991306	03/10
CITY ENGINEER'S OFFICE		DESIGN DRAWN
CITY HALL - SEVENTH FLOOR		EGS RAM
455 NORTH MAIN STREET		SHEET
WICHITA, KANSAS 67202-1620		2 OF 71
(316) 268-4501		
(316) 268-4114 FAX		