

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 electric 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.
- Embankment quantities for initial consolidation and settlement included in the earthwork quantities are SUBSIDIARY to other earthwork items. Material for the embankment is included in the excavation quantities. The Volume Multiplication Factor (VMF) has been computed to include quantities for initial consolidation and settlement.
- The Contractor shall satisfy himself of surface and subsurface conditions prior to bidding. Each bidder shall also fully satisfy himself as to the extent of the scope of work to be performed.
- 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.
- The Contractor shall notify pipeline companies at least 24 hours in advance of any work being performed across and/or adjacent to pipelines.
- 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.
- All construction work and materials, unless otherwise noted, shall comply with City of Wichita standard specifications (1998) and/or KDOT 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 cost to the owner. This cost shall be considered SUBSIDIARY to other bid items.
- The Contractor shall give 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 existing property irons. The Contractor will be required to reestablish any property irons which are damaged or destroyed by construction operations or which are covered by 12' or more of fill material by this project. Such irons shall be reestablished by a licensed land surveyor in accordance with state laws and at no additional cost to the City.
- 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 right-of-way which do not conflict with proposed construction.
- Any incidental grading, in addition to that shown in the plans, which is required to maintain drainage during construction shall be SUBSIDIARY to other items of work. All existing or temporary drainage pipes that are to be abandoned in place shall be backfilled with Controlled Low Strength Flowable Fill.
- All trees, hedge rows, shelter belts, and woody shrubs in public right-of-way which are in direct conflict with proposed construction shall be removed and disposed of by the Contractor with the Engineer's approval. Those that are located between the construction limits and right-of-way line or easement line that are not in direct conflict with construction activities shall be spared unless directed by the Engineer to be removed. All trees within the appropriate clear zone shall be removed.
- Existing trees that are to remain in place are to be protected such that construction equipment will not damage them and that material will not be stock piled within the drip line of them.
- All connections to existing pipe or existing structures shown shall be as detailed in the plans and/or as approved by the Engineer. All labor, materials, equipment, and incidentals necessary to make connections to existing pipe or existing structures shall not be paid for directly; but shall be SUBSIDIARY to other items of the contract.
- The exact angles and dimensions of all pipes shall be determined in the field, by the Contractor and approved by the Engineer, prior to fabrication.
- It shall be the Contractor's responsibility to coordinate with the utility owner to locate and flag all underground utilities prior to excavation to avoid damaging the utilities. Contact the Kansas One-Call System at 316-687-2470 at least 48 hours in advance to request field locates. For utilities that are not members of the Kansas One-Call System, contact those utilities directly.
- 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 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.
- A full depth saw cut of the existing pavement and curb and gutter 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 "Pavement Removed".
- 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.
- 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 meter boxes, or fire hydrants 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 the site. Any work done without inspection will be required to be uncovered for inspection.
- The Contractor shall be responsible for preserving all section and survey monuments. The Engineer shall take accurate ties to said monuments as well as submittal of the required forms to the Department 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, and vibrate operations shall be paid for as linear foot quantity of "Fill, Sand (Flushed & Vibrated)".
- All lawn/turf areas disturbed by construction shall be restored with the same sod as existing or as noted in the Landscape Plans. 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 (Curlax 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".
- Areas over-excavated in surface or pavement removal shall be filled to subgrade 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.
- All existing drainage structures and pipes to be removed as part of this project will become the property of the Contractor.
- The Contractor shall remove existing road signs that interfere with construction. Signs damaged through negligence of the Contractor shall be replaced by the Contractor at no cost to the City. The removal of existing signs will be SUBSIDIARY to "Removal of Existing Structures".
- The Contractor shall be responsible to provide access (including vehicular access) to all adjacent properties during the construction of the project.
- Construction vehicles are not to park in private parking lots unless the Contractor has made arrangements with the property owner and provided the Engineer with a copy of written agreement between the property owner and the Contractor allowing use of the private property by the Contractor. The Contractor shall be solely liable for any compensation resulting from such an arrangement and will not be reimbursed.
- Existing pavement, driveways, sidewalks, and other areas damaged by the Contractor shall be restored to a condition equal to or better than existing before damage occurred.
- Prior to sidewalk construction, all sidewalk locations to be field verified by the Engineer.
- The Contractor shall remove and deliver to Central Maintenance Facility (1801 S. McLean) all salvageable regulatory signs, street name signs, information signs, and etc. Contractor shall contact shop supervisor, Robert Craddock (268-4033) to coordinate delivery. Cost of loading and transporting shall be SUBSIDIARY to the bid item "Transportation of Salvageable Material."

UTILITY CONTACTS & LEGEND

	One Call System for Kansas 1-800-DIG-SAFE	Water	Wichita Water Utilities (Water) Greg Lalley 8th Floor - City Hall 455 N. Main Wichita, KS 67202 Phone: 316-268-4555 Emergency: 316-262-6000 glolley@wichita.gov
UGT	AT&T Jason Edwards Wichita Central Unit 154 N. Broadway, Rm. 210 Wichita, KS 67202 Phone: 316-268-2008 Emergency: 1-800-870-8390 jel682@att.com		
Cable	Cox Communications Marc Henderson Engineering Dept. 901 George Washington Blvd. Wichita, KS 67211 Phone: 316-262-4270, Ext. 7745 Mobile: 316-734-6938 Emergency: 316-262-0661 marc.henderson@cox.com	San. Sew.	Wichita Water Utilities (Sanitary Sewer) Ladonna Lawrenz 8th Floor - City Hall 455 N. Main Wichita, KS 67202 Phone: 316-268-4498 Emergency: 316-262-6000 llawrenz@wichita.gov
UGG-1	Kansas Gas Service Jim Coe 1021 E. 26th St. N. Wichita, KS 67219 Mobile: 316-832-3126 Emergency: 1-888-482-4950 jcoe@kgas.com		Storm Water Management Tim Davidson 8th Floor - City Hall 455 N. Main Wichita, KS 67202 Phone: 316-268-4545 Emergency: 316-262-6000 tdavidson@wichita.gov
UGG-2	Black Hills Energy Daryl Keller 1611 S. Hoover Rd. Wichita, KS 67209 Phone: 316-941-1608 Emergency: 1-800-527-0357 daryl.keller@blackhillscorp.com		Wichita Traffic Engineering Paul Gunzelman 7th Floor - City Hall 455 N. Main Wichita, KS 67202 Phone: 316-268-4393 pgunzelman@wichita.gov
Power	Westar Energy Randy Truitt PO Box 208 Wichita, KS 67201 1900 E. Central (3rd Floor) Phone: 316-261-6512 Emergency: 316-383-8600 randy.truitt@westarenergy.com		Westar Transmission Engineering Scott Benortham PO Box 889 818 S. Kansas Avenue Topeka, KS 66612 Phone: 785-575-8160 Emergency: 316-383-8600 scott.benortham@westarenergy.com

Plotted on: Monday October 24, 2011 09:27 AM  
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 Plot Scale: 1:000000.000000 Pen Table: \\ovpwp00\jobs\4809\Common\Highway\Library\lib\pen\CC-22x36.pen  
 Design Filename: \\ovpwp00\jobs\4809\Hoover\CD\Detail\WVr\_gen-notes.dgn



<b>GENERAL NOTES AND UTILITY CONTACTS</b>		
CITY ENGINEER <b>JAMES L. ARMOUR, P.E., L.S.</b>		
PROJECT NUMBER 472-84817 PHASE II	OCA NUMBER 770005	DATE 11/2011
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		DESIGN DRAWN SHEET <b>2 of 93</b>

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