

GENERAL NOTES:

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-84295	2010	2	194

The contractor shall erect and maintain traffic control devices in accordance with the Manual on Uniform Traffic Control Devices subject to the Engineer's approval.

Utility service lines, poles, valve boxes, gas 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 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.

The 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.

The following numbers are provided:

Kansas One-Call	687-2470
Cox Communications	262-4270
Kansas Gas Service	831-5615
Kansas Gas Service Emergency	1-888-482-4950
Westar Energy	261-6251
Black Hills Energy	942-8811
AT&T	268-2245
City of Wichita Water Department	268-4940
City of Wichita Sewer Maintenance	268-4924

A saw cut the full depth of the existing pavement thickness shall be provided at locations where proposed construction abuts an existing surface course of pavement where the existing pavement is to be removed. Sawed joint to facilitate removal within six (6) 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 removal of the surface or pavement.

All project waste including any trees, milled asphalt, rubble from miscellaneous structures, abandoned pipes, excess excavation and 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.

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 remove such improvements should they not be removed by their owner at the time of construction of the project. The Contractor will be required to salvage all sprinkler heads and/or valves and give such material to their owner. Portions of underground sprinkler systems not in conflict with new construction shall be protected from damage and shall remain in place.

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. Removal of trees and shrubs shall be SUBSIDIARY to the lump sum bid item "Site Clearing & Restoration".

The Contractor shall be responsible for preserving shown property irons and quarter section corners. The Contractor will be required to re-establish any shown property irons or quarter section corners which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor 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.

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 boxes or fire hydrants damaged during construction shall be repaired by the Contractor at his own expense.

Where water valves are shown to be adjusted, the work shall include only the adjustment of the water box to the finished grade as shown or as directed by the Engineer. At locations where available adjustment is insufficient to match design grade, the Contractor shall notify the Wichita Water Department at 268-4908 and obtain or coordinate placement of a new valve box capable of meeting final grade.

The Contractor shall adjust existing water valves at the price bid for said adjustments. Existing material, deemed in good condition by the Engineer, may be re-used. Fused welded connections shall be used for extending all plastic water lines. Soldered connections shall be used for extending all copper water service lines. Existing lead or galvanized lines shall be abandoned in place, and shall require a new service to the main. The number of services requiring relocations and full replacement has been provided by the Water Department utilizing the best information available. The Contractor shall notify the businesses and/or residences a minimum of three (3) business days prior to any water line shutdowns or disruptions of service. Adjustments beyond the back of curb shall be considered "Non-Participating" and shall be paid for by the City.

Construction of temporary pavement required for business access during construction shall be SUBSIDIARY to the lump sum bid item "TRAFFIC CONTROL" and shall include all grading, fill, compaction, soil scarification, removal, disposal and etc. necessary for business access.

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

The Contractor shall comply with all applicable safety regulations.

The Contractor is made aware that he will be working in close proximity of the active BNSF railroad tracks. The Contractor shall coordinate all construction of this project within BNSF Right-of-Way with the BNSF ROADMASTER, Nathan Anderson; 316-284-3479.

The Contractor will be required to coordinate with BSNF Signal Department on Temporary Railroad Gates throughout construction. The at-grade railroad crossing protection must be maintained at all times.

The Agency and its contractor is placed on notice that fiber optic, communication and other cable lines and systems (collectively, the "Lines") owned by various telecommunications or utility companies may be buried on BNSF's property or right-of-way. The Agency or its contractor must contact appropriate personnel to have the Lines located and make arrangements with the owner of the Lines regarding protective measures that must be followed prior to the commencement of any work on BNSF's property. The Agency or its contractor will be responsible for contacting BNSF's Engineering Representative (913-551-4564), BNSF's Signal Representative (316-655-8624), and the telecommunications or utility companies and notifying them of any work that may damage these Lines or facilities and/or interfere with their service. The Agency or its contractor must also mark all Lines in order to verify their locations. Agency or its contractor must also use all reasonable methods when working in the BSNF right-of-way or on BNSF property to determine if any other Lines (fiber optic, cable, communication or otherwise) may exist.

The Contractor is 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 with the utility companies to locate any existing utilities that have not been previously located. The Contractor shall coordinate the construction of this project with the relocation of any existing utilities by the utility companies.

Areas over-excavated in pavement removal shall be filled to subgrade elevation and compacted to 95% Std. Density.

Where construction abuts an existing building, the construction limits and temporary easement, if applicable, shall be considered to be at the face of the building. All brick masonry and building facing shall be protected from concrete splatter with visqueen or other approved material. Any splatters or blemishes shall be removed by the Contractor and the surface cleaned and restored to its original appearance.

Only existing private drains shown to be reconnected shall be reconnected to the proposed storm sewer system. The Contractor shall notify immediately the Project Engineer and/or the Project Inspector if he discovers any private drain connection not shown on the storm sewer plans.

Traffic signal poles, mastarms, cabinet, controller, signals, pedestrian signals, ect. in salvageable condition shall be removed and delivered to the City's Central Maintenance Facility. Contact City Maintenance at 268-4033 prior to removal.

The crushed rock base under valley gutter, 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 2007 Edition Standard Specification, Subsections 1102 for Durability Class 1.

Geogrid Reinforcement for the rock base shall be Tensor BX1100 as manufactured by the Tensor Corporation, or approved equal. Geogrid fabric shall be SUBSIDIARY to the crushed rock base.

Prior to bidding the project, each bidder shall visit the site and satisfy himself of surface and subsurface conditions. Each bidder shall also fully inform himself as to the extent of Site Clearing and Site Restoration to be performed.

The lump sum Bid Item "Site Clearing & Restoration" shall INCLUDE all costs for the removal of signs, foundations, light pole bases, abandoned water meters, manholes, pole bases, fences, traffic service boxes, planter boxes, trees, shrubs, stumps, traffic signal appurtenances, sprinkler heads, irrigation control devices, drain pipes (≤10"), aprons, flumes, valve boxes, pavement markings, guard posts, wheel chair ramps, concrete barriers, monitoring wells, abandoned pipes, parking blocks, and any other item(s) slated for removal for which a pay item is not provided for in the proposal.

The Contractor shall remove existing fences within the construction limits that conflict with construction. Salvageable fencing material shall be neatly stockpiled on fence owner's property.

The Contractor shall provide an on-site office trailer or building as specified in the Special Provisions, during all phases of project construction or unless otherwise approved by the Engineer. The on-site office shall be equipped with a telephone and electrical service. This item shall be bid as "Construction Field Office and Lab (Type A)".

The 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. The Contractor shall install and maintain erosion controls as directed by the Engineer. These controls may include but not be limited to: hay bales, silt fences, gravel sediment traps, temporary mulching or other controls necessary to inhibit sediment runoff during construction. Sidewalk grades shall match existing grades at the property line unless specified otherwise in the plans.

The Contractor shall be aware that some gas lines within the project corridor may be 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.

Existing SWS pipes that will be connected to new inlets shall be flushed and cleaned from the first existing junction with all debris removed prior to hook-up. This work along with any connections to existing manholes and or inlets shall be SUBSIDIARY to storm sewer pipe installation.

The hook-up of Proposed SWS pipes to new inlets and manholes shall be SUBSIDIARY to storm sewer pipe installation.

Elevations shown on plans are to the E of gutter, unless specified otherwise. No allowance is made for drops at inlet.

All pavement markings shall be Epoxy. Pavement markings shall be installed per manufacturer's recommendations and shall meet KDOT's 07-08024 (latest) specification. Full traffic may not be restored (and substantial project completion achieved) until all pavement markings are in place. Should construction timing be such that restoration of traffic becomes necessary during temperatures prohibiting the installation of thermoplastic markings, the contractor shall install and maintain temporary markings until such time that thermoplastic markings may be properly installed. Except for the material requirement, temporary pavement markings shall be placed equivalent, in every manner (i.e. dimension, frequency, spacing, etc.), to the permanent marking layout. The cost for temporary pavement markings will not be paid for directly, but shall be considered SUBSIDIARY to the bid item for "Pavement Markings".

Due to geometric restraints, the full depth pavement section along Park Place shall be 8" Reinforced Crushed Rock Base, 6" Concrete Pavement Base Course and a 2" AC overlay. The concrete base course shall be placed to the bottom of the asphalt overlay and shall be paid for by the Bid Item "Concrete Pavement (6")", and paid for by the Square Yard.

The asphalt millings from Park Place shall become property of the contractor. The transporting of the millings will not be paid for directly, but shall be considered SUBSIDIARY to the Bid Item "Cold Milling Asphalt Pavement (2" nom.)".

Salvaged Brick Pavers & Signage:
Salvage all existing brick pavers (approx. 86 s.y.) located within the four foot (4') wide strip immediately behind the back of curb, along the north and south side of 21st Street, from Broadway Avenue to Park Place. Some of the brick pavers may be located just beyond the back of curb. The salvaged pavers shall be cleaned and stacked on pallets by the Contractor. The salvage of the brick pavers shall be paid for by the Bid Item "Sidewalk Removal". The contractor shall coordinate with the Project Engineer for transporting the salvaged pavers to the West Substation by the City of Wichita.

Salvage the "21st Street Market" sign located in the island of of the right hand turn lane of Market Street on the north side of 21st Street. It is a wide steel flange beam planted in the island with the referenced signage.

The salvaged pavers and signage will be delivered to the West Substation and stockpiled for use in the Streetscape, Nomar Parking Site and Nomar Market project.

The salvaged pavers for Planter Bed Columns, adjacent to the Nomar Parking Site, will be delivered to the project site, cleaned and on pallets by the City of Wichita. The contractor shall coordinate with the Project Engineer for the delivery.

DATE			
BY			
REFERENCES NOTED			
REFERENCES CHECKED			

Plotted By : danavarro
File : g:\W05\0001\ROAD\001gen.sht
Plotted : 1/11/2010

CITY OF WICHITA 21ST STREET NORTH & BROADWAY AVENUE INTERSECTION GENERAL NOTES WICHITA, KANSAS	
DESIGNED M.D.B.	DRAWN D.A.N.
CHECKED B.A.L.L.	DATE 1/11/2010

TranSystems