

STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
KANSAS	87 N-0349-01	2009	2	133

**GENERAL NOTES**

Unless shown or stated otherwise on these drawings, drawings, materials, and construction shall be in accordance with City of Wichita Concrete Pavement and Asphaltic Concrete Pavement Specifications. References within these plans to KDOT Concrete Grades may be ignored.

Contractor will be required to provide a minimum advance notice of seventy-two (72) hours to utility companies prior to starting any excavation as follows:

Kansas One-call 1-800-344-7233  
or local Wichita 687-2470

The Contractor must notify the following in case of an emergency:

AT&T (telephone) 1-800-870-8390  
Cox Communications (cable) 262-0661  
Westar (electric) 383-8600  
Kansas Gas Service (gas) 1-888-482-4950  
City of Wichita Water & Sewer Maint. 262-6000  
Wichita State University (fiber) 978-7913

The Contractor shall be responsible for preserving existing property irons shown or not shown on the plans. The Contractor will be required to reestablish any shown property irons which are damaged or destroyed by his construction operations. Such irons shall be reestablished at the Contractor's expense by a licensed land surveyor in accordance with state laws.

All construction staking shall be performed by the City of Wichita Public Works Department at no cost to the contractor. The contractor shall coordinate the survey staking with the City of Wichita Public Works Department and give the surveyor 24 hours notice when stakes are required.

Utility service lines, poles, valve boxes, meters, etc... 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. Some utilities have been relocated and may not reflect so on the plans. Location information has been obtained from the various utility companies and is either from company record drawings or company provided field locations. The plan locations shown are not guaranteed. Additional existing utilities may also be encountered. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

Existing storm sewer inlets and pipes noted to be removed within the paved roadway and not being replaced within the same trench shall be back filled with flowable fill to the subgrade line. Removal of existing storm sewer inlets and pipes shall be Subsidiary to "Removal of Existing Structures". Portions of pipe that are being abandoned and left in place are to have the ends plugged per these plans.

The contractor shall adjust or remove and replace water valve boxes as directed by the engineer at the price bid for said adjustments. 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 or water valve boxes damaged during construction shall be repaired by the contractor at his own expense.

All stationing, radii, pavement widths, offset distances, etc... are measured to the back of the curb and gutter and along the project baseline unless otherwise noted on the plans. Spot elevations on plan sheets are at Back of Curb and Gutter flow line. Spot elevations on Intersection Details are as noted.

Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted 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 archeological investigations unless buried in a previously approved borrow location. Millings from the "Mill and Overlay" operation shall become the property of the contractor and disposed of on sites provided by the contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location.

A saw cut of at least one-half the depth of the 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 or Pavement for which partial removal of that surface or pavement is required. Saw 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.

Contractor shall remove and deliver to 1801 S. McLean all sewer manhole frame and lids, regulatory signs, street name signs, traffic signal poles, mast arms, signals, controller, and junction box castings, etc. noted for removal during construction. Contractor shall be responsible for the installation of new signs. All associated costs to transport the salvaged material will be Subsidiary to the bid item "Transportation of Salvaged Materials" and will be Non-Participating.

Bid Item A.C. Pavement, 7" (5" Bit. Base):  
Asphalt Cement for Bituminous material shall be PG 70-28 for Surface and Base Courses. BM-2 Aggregate shall be used in Surface and Base Courses.

Bid Item 5" Asphalt Pavement (3" Bit. Base):  
Material shall conform to City of Wichita. SC-1 for Surface Courses and BC-1 for Base Courses

Bituminous Surface Course shall be placed with a laydown machine having automatic controls for line and grade.

A tack coat of emulsified Asphalt (SC-1H or CSS-1H) shall be applied at an approximate rate of 0.05 gal. per square yard between each lift of Bituminous Material.

Construction Joints in each lift shall be staggered a minimum distance of 12 inches from joints in preceding lifts and placed so that a joint will be constructed on the centerline of the top lift.

Crushed Rock Subgrade is to be compacted and smoothed with a steel faced roller prior to placement of pavement. Tack coat will not be applied to Rock Base.

Inlet Hook-ups shall be constructed as indicated on the inlet detail drawings and shall be Bid as "Inlet Hook-up". No distinction will be made between Hook-ups based on the size and type of inlet.

All areas disturbed by construction that are adjacent to developed properties shall be restored with sod to match existing turf type. 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 Regulation No. AR6.5, which governs cleanup and restoration or replacement following construction. The "Recapitulation of Quantities" shows the estimated Square Yards of Sodding, with a bid item for the same. When the weather/season prevents the installation of Sod, the Contractor shall be responsible for installing Erosion Control Blanket (Curlex I, or approved equal) at the Back of Curb (8' wide minimum). All costs for Erosion Mat installation shall be Subsidiary to "Site Restoration".

All business signs, posts and landscaping features within public rights-of-way in conflict with the new construction will be relocated by others prior to construction. Upon the start of construction, all items that remain within the construction limits in public rights-of-way shall be removed and disposed of by the contractor unless otherwise noted. Items in conflict with sanitary sewer in alleys shall be removed and replaced by the Contractor as required to allow for the installation of the Sanitary Sewer. Cost to be Subsidiary to Sanitary Sewer Installation.

Connection of existing storm sewers to proposed structures shall include all material, equipment and labor. These connections shall not be paid for directly, but shall be considered Subsidiary to the various proposed structures. Connections of proposed storm sewers to existing structures shall be Subsidiary to the proposed pipe.

Elevations are in City of Wichita Datum. (Feet)

New storm sewer installed under proposed pavements shall be protected from construction traffic during construction operations.

Proposed curbs matching existing curbs shall be altered to match the shape and dimensions of the existing curb. Positive drainage shall be maintained through such transitions.

Pavement cross-slope transitions will be required where proposed pavement matches existing pavement. Transitions shall be made over an adequate length to prevent sumps from being created in gutters.

Trees to be removed are marked ~~X~~ or are noted on the plan. Tree removal shall be paid for as "Large Tree Removal" or "Small Tree Removal". Removal of brush, shrubs and other vegetative debris shall be paid for as "Clearing and Grubbing".

Items noted for removal may be abandoned in-place if done so in conformance with city standard specifications at no additional cost to owner. Items noted to be abandoned in place may be removed at the contractor's discretion or if in conflict with the proposed improvements at no additional cost to owner. Cost for removal or abandonment is Subsidiary to "Removal of Existing Structures" and includes all removal items noted and not-noted on the plan sheets. Exceptions: Sanitary sewer Pipe to be removed shall be paid for as "Remove Existing Sanitary Sewer". Sanitary sewer manholes to be removed shall be paid for as "Remove Existing Manhole".

After new fire hydrants have been placed in service, the old fire hydrant is to be removed, hydrant valve abandoned in-place. the branch capped and the hydrant delivered to 1801 S. McLean.

Pavement underdrain will be installed as part of this project. Payment for "Pavement Underdrain" will include all pipe, aggregate, filler fabric and installation. See sheet 51.

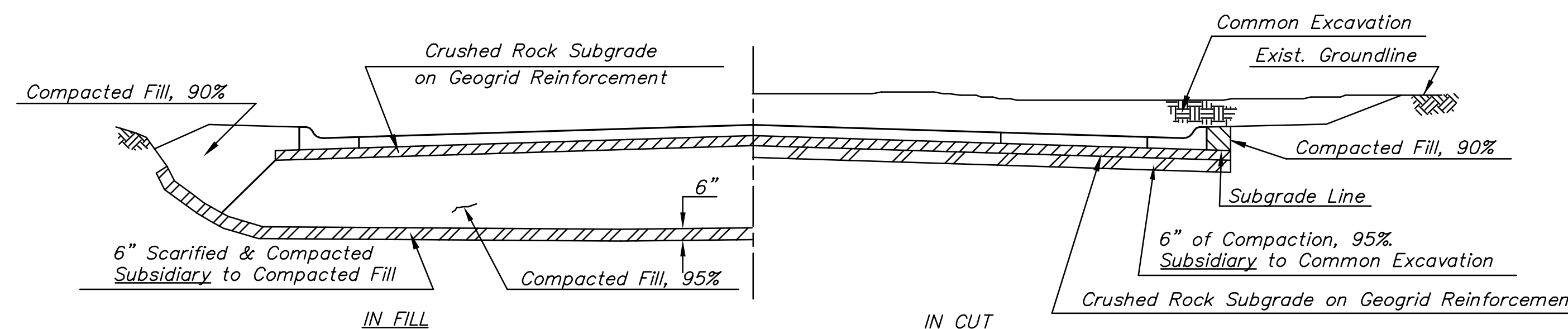
All Excavations for Storm Sewer installations shall be Sand-Filled and Flushed (Jetted and vibrated) with water in accordance with the City of Wichitas' Standard Specifications. The Sand Fill shall be brought up uniformly to an Elevation 12 inches above the top of the pipe or two feet below the bottom of Proposed Pavement (Ground Surface) whichever is higher. Cost is Subsidiary to Storm Sewer installation.

Prior to any landscape or retaining wall construction on WSU property, contractor shall contact the landscape architect at 684-9600 a minimum of 48 hours prior to beginning work.

Protection Curb is shown in the plans to be installed adjacent to the sidewalk near side road intersections. The actual length and size of curb shall be modified to fit actual site conditions. See Sheet 67 for Protection Curb plan quantities.

Contractor shall provide and maintain a Temporary Fence, if necessary, to provide equal or greater security on the WSU President's residence property during construction. At a minimum, the Temporary Fence shall be a 6' tall chain link fence. Cost to be Subsidiary to "Remove and Relocate Fence".

The Bid item "Relocate Water Line" will consist of re-aligning a 2" or 2 1/2" existing water line below the proposed 30" Storm Sewer. All work necessary to complete the operation at each location is Subsidiary to this item.



**FOUNDATION TREATMENT AND COMPACTION OF EARTHWORK**

**MKEC**  
ENGINEERING  
CONSULTANTS, INC.  
411 N. WEBB ROAD  
WICHITA, K.S. 67206  
316-684-9600

**17th STREET  
FROM GROVE TO HILLSIDE**

**GENERAL NOTES**

SHEET TITLE  
**87 N-0349-01**  
PROJECT NUMBER

DESIGN BY  
DRAWN BY  
CHECKED BY

ISSUED  
**June 3, 2009**  
REVISED

SHEET NO.  
**2 of 133**

PLOTTER: McHenry, June 03, 2009 @ 01:51PM