

**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
Black Hills (gas)	946-0096
City of Maize Utilities	371-6559
USD 266	722-0614

The Contractor shall be responsible for preserving existing property irons shown on 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 contractors 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 regulatory signs and street name signs noted for removal during construction. Contractor shall be responsible for the installation of new signs. All street name signs on the north side of the street shall be delivered to the City of Maize. All associated costs to transport the salvaged material will be Subsidiary to the bid item "Transportation of Salvaged Materials".

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".

The contractor shall reseed all undeveloped areas disturbed by construction with a mixture of Ryegrass (applied at a rate of 200 lbs. per acre) and Buffalo grass, depending on the soil conditions (applied per Standard Specifications). Pure nitrogen fertilizer shall also be applied at a rate of 1.5 lbs. per thousand square feet. The seed shall be watered with a deep soaking every two (2) weeks during dry periods until a mature stand of grass is obtained. The "Recapitulation of Quantities" shows the estimated square yards of disturbed area to be seeded, with a bid item for the same. The permanent seeding may be omitted only if sodding is required. The contractor shall be responsible for installing Erosion Control Blanket (Curlex I, or approved equal) at the back of curb, to and including the limits of all seeded areas. All costs for this work shall be subsidiary to the seeding bid item.

See sheet 67 and the Roadside Improvement Plans for delineation of seeding and sodding areas.

All business signs, posts and landscaping features 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 shall be removed and disposed of by the contractor unless otherwise noted.

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 USGS Mean Sea Level Datum. (NADV 89)


Select Soil (Topsoil) shall be placed at a minimum depth of 12 inches or as specified on the drawings. The finished grade indicates the surface elevation after the prescribed select soil (topsoil) thickness has been placed. Where offsite select soil is needed, it shall be fertile natural topsoil, typical of the locality, obtained from well drained areas. Stockpiled topsoil may be used. It shall be without admixture of subsoil or slag and shall be free of stones, lumps, sticks, plants, or their roots, toxic substances or other extraneous matter that may be harmful to plant growth or would interfere with future maintenance. Topsoil ph range shall be 5.5 to 7.0. Topsoil shall be approved by the Project Engineer prior to placement.

All gravel or other similar debris larger than 1/2 inch in diameter shall be raked up and removed during final grade preparation.

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 and Mill & Overlay sections. Transitions shall be made over an adequate length to prevent sumps from being created in gutters.

Trees to be removed are marked  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".

TREE PRESERVATION:  
Existing trees noted to be saved are an important asset to this project. Preserve each tree noted as directed in these plans & notes.

Equipment and construction materials shall remain out of and away from tree driplines so as to not compact the root zone or damage the tree. Chemical spill damage shall be prevented by filling gas tanks, cleaning tools & repairing equipment well outside tree protected root zones. Concrete mortar shall be mixed on a thick plastic tarp. Mixing trucks shall be rinsed out off site. Where it occurs that a construction route or a proposed improvement occurs within a trees (prz) it may be necessary dependent upon the type of construction and equipment used, to install a root protection bridge (i.e. 24" layer of wood mulch) or approved equivalent, this may be determined in the field at the direction of the landscape architect.

Any tree that must have branches removed shall be trimmed with sharp instrument/tool that is intended for such operations. Consult landscape architect prior to trimming. Knocking branches off with a back hoe or other similar machine is not acceptable! Refer to tree trimming detail on sheet ## for trimming procedure.

Where root cutting is necessary on trees which are to remain, the roots shall be vertically cut with a sharp instrument or trencher prior to excavating soil around to roots.

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.

"Remove and Replace Mailbox" will consist of temporarily relocating the mailbox as required to maintain mail service during construction and permanently reinstalling the mailbox at an Engineer-approved location after construction. In no instance shall mail service be disrupted.

Telecommunication vaults and risers will be adjusted to finish grade by private utility companies during Construction. Contractor shall coordinate this work with the appropriate companies.

The contractor shall install 80 I.f. of 16" steel casing pipe across 37th street at a location and elevation directed by the engineer. Casing shall be Grade A and a minimum of 0.188" thick. Cap both ends. This note to be part of OCA # 766235.

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.

**UTILITIES**

- UGE - Westar
- OHE - Westar
- G - Black Hills
- W (COW) - City of Wichita
- W (Maize) - City of Maize
- UGT - AT&T
- UGT - Cox
- UGT - USD 266



411 N. WEBB ROAD  
WICHITA, KS. 67206  
316-684-9600

**37TH STREET IMPROVEMENTS  
FROM  
MAIZE ROAD TO TYLER ROAD**

**GENERAL NOTES**

SHEET TITLE  
**472-84693**  
PROJECT NUMBER

DESIGN BY

DRAWN BY

CHECKED BY

ISSUED  
**March 24, 2009**

REVISED

SHEET NO.