GENERAL NOTES

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.

The City of Wichita Public Works Dept. shall take field ties to all quarter section corners. The contractor shall set a city survey monument in the required location where such quarter section corners fall within the limits of pavement construction. Survey monuments will be furnished at no cost by the city. The City of Wichita Public Works Dept. will accurately locate and install the iron at the quarter section corner. This work shall be paid for under the contract unit price for Survey Monument.

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. 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.

The contractor shall adjust 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 the construction process. Water valves or water valve boxes damaged during construction shall be repaired by the contractor at his own expense.

The contractor shall adjust water meter vaults, boxes and lids that fall within the area of the new construction. The water department shall field locate water meters 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 meter vaults, boxes or lids damaged during construction shall be repaired by the contractor at his own expense. Coppersetters may also have to be adjusted to maintain the 750 mm dimension from the meter connections to the top of the meter box lid. All work related to adjusting water meter vaults, boxes, lids, and coppersetters shall be bid as Subsidiary to the project.

All stationing, radii, pavement widths, offset distances, etc... are measured to the high edge of the curb and gutter and along the project baseline unless otherwise noted on the plans.

A full depth saw cut of the existing surface shall be provided at locations where proposed new construction abuts an existing concrete or bituminous surface for which at least partial removal of that surface is required. Saw cuts shall not be paid for directly, but shall be considered Subsidiary to various surfacing items involved.

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.

All trees to be removed are marked ⊗. Costs shall be paid as site clearing and restoration.

All trees, hedge rows, shelter belts, and woody shrubs not shown to be removed and located between the right-of-way line or easement line shall be spared unless directed by the engineer to be removed. All trees within the appropriate clear zone shall be removed.

Contractor shall remove and deliver to 1801 S. McLean all regulatory signs-street name, speed limit sign, etc. during construction. Contractor shall be responsible for the installation of new signs. All associated costs shall be bid as "Removal of Existing Structures".

All concrete paving shall be reinforced with 150 x 300 MW25xMW25 wire mesh.

Connection of existing storm sewers, sanitary sewers or drainage structures to proposed conduits and/or 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 conduits or structures. This work shall be as directed by the Engineer and shall be Subsidiary to the specific structure bid items.

Elevations are in City of Wichita Datum. (Meters)

Select Soil (Topsoil shall be placed at a minimum depth of 150 mm or as specified at all locations within the right-of-way outside of pavement. The finished grade indicates the surface elevation after the prescribed select soil (topsoil) thickness has been placed.

All gravel or other similar debris larger that 10 mm in diameter shall be raked up and removed during final grade preparation.

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 Landscape Architect prior to placement.

Equipment and construction materials shall remain out of and away from the driplines of trees that are to remain 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 driplines.

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

Pavement underdrain and median pipe underdrain are to be installed on a minimum slope of 0.5%. In crests and sags of vertical curves where the street slope may be less than 0.5%, the depth of the underdrain pipe is to be adjusted as required to satisfy the minimum slope requirement.

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

Trees are an important asset to the City of Wichita. Every effort should be made to preserve each and every tree (unless noted for removal) as directed in these plans.

Before any type of construction begins within the construction limits, the contractor shall install protection fence around all trees that are not noted for removal.

Unless indicated otherwise in the plans, the City of Wichita will shut off all water services in conflict and remove the water meters, vault, lid and setter. The meter at Sta. 0+391.63 will remain in service to be used for irrigation of proposed project improvement. The Contractor may relocate and reuse this meter for irrigation purposes. If not needed, the Contractor shall remove and deliver the meter to 1801 S. Mclean. This will be subsidiary to "Removal of Existing Structures."

Demolition Backfill Stabilization:
In the areas designated on the plans, the existing ground shall be excavated to the depth of undisturbed earth. The excavated area shall be backfilled with a suitable material in compacted lifts not to exceed 150 mm and compacted to a uniform density of not less than 95%. The work associated with demolition backfill stabilization shall be considered subsidiary to "Removal of Existing Structures". A summary of locations is provided on the "Summary of Quantities" Sheet. If the demolished structure had a basement, it will be indicated in the summary. No indication signifies that the structure had a crawlspace. The summary is provided for information only and may not be comprehensive or completely reliable.

UTILITIES

E –	Weststar Energy (Electric)	261-6512
G –	Farmland Industries (Gas)	1-918-333-4111
G –	Kansas Gas Service (Gas)	832-3101
G –	Williams Pipeline (Gas)	529-6601
SWS –	City of Wichita Stormwater Utility	268-4071
SS & W –	City of Wichita Water Dept.	262-6000
CATV –	Cox Communications (Cable)	262-0661
T –	SBC (Telephone)	800-870-8390

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

NORTH HILLSIDE STREET PAVING PLANS
PROJECT NAME

GENERAL NOTES
SHEET TITLE

JRA	DPG	JRA
DESIGN BY:	DRAWN BY:	CHECKED BY:
APRIL 2003	01053	2 / 73
DATE	JOB NO.	SHEET/OF