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GENERAL NOTES

Unless shown or stated otherwise on these drawings, all labor, materials and construction shall be in accordance with the City of Wichita's Standard Specifications and Special Supplemental Specifications. Section 601 of the standard specifications defers to the 2007 edition of the Kansas Department of Transportation's Standard Specifications for State Road and Bridge Construction. The latter will also be applicable for all concrete structure construction included in these plans.

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 Contractor.

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.

Unless noted in the plans, water valve boxes and water meter boxes in conflict with proposed construction shall be adjusted by the Water & Sewer Dept. The contractor is responsible for coordinating this work in a timely manner. Water valves or water valve boxes damaged during construction shall be repaired by the contractor at his own expense.

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. Portions of pipe that are being abandoned and left in place are to have the ends plugged per these plans.

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.

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.

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.

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

All Excavations for Storm Sewer installations shall be Sand-Filled and Flushed (Jetted and vibrated) with water in accordance with the City of Wichita 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.

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 or are noted on the plan. Tree removal shall be paid for as "Tree Removal, Large" or "Tree Removal, Small". Removal of brush, shrubs and other vegetative debris shall be Subsidiary.

All areas disturbed by construction that are adjacent to developed properties shall be restored with Bermuda Sod 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".

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.

Project surveys were performed on the NAD83 State Plane Coordinate System, South Zone. No coordinates were modified to ground. Elevations are in USGS Mean Sea Level Datum. (NAVD 88).

See sheet 50-51 for bridge general notes.
 See sheet 93 for dam general notes.

Placed concrete must be isolated from contact with the river for a minimum of two weeks. Runoff from the concrete must not be allowed to enter the river during this two week period. All work associated with this task is subsidiary to the bid item "Diversion and Care of River".

Contractor shall remove and deliver to 1801 S. McLean all sewer manhole frame and lids, regulatory signs, street name signs, traffic signal appurtenances, dam appurtenances, 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.

When casting concrete adjacent to existing concrete and at all construction joints, the Contractor shall brush blast, power wash and water soak surface immediately prior to casting.

The Contractor shall locate the 24" water line that runs parallel to McLean Blvd. prior to any excavation along the west bank of the river. Based on City locates, the water line is located approximately 22 feet east of the back of west curb and is approximately 8 feet depth to the top of pipe. The water line is shown in the cross sections of these plans.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0361-01	2011	2	169



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

**LINCOLN STREET BRIDGE AND
 DAM IMPROVEMENTS OVER
 ARKANSAS RIVER**

DRAWING LIST AND GENERAL NOTES

SHEET TITLE
 472-84883
 PROJECT NUMBER

JRA
 DESIGN BY
 DPG
 DRAWN BY
 CHECKED BY

ISSUED
 1/24/2011
 REVISED

SHEET NO.
 2 of 169