

GENERAL NOTES

Unless shown or stated otherwise on these drawings, materials, and construction shall be in accordance with City of Wichita Standard Specifications and special provisions. 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) 1-800-694-8989

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.

Construction staking shall be performed by the City of Wichita Public Works Department. All staking performed by the City of Wichita will be done at no cost to 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.

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.

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.

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.

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.

Contractor shall remove and deliver to 1801 S. McLean all traffic signal components, regulatory signs, street name signs, manhole frames and lids, removed hydrants, etc., noted for removal during construction.

Unless otherwise shown on the plans, all asphaltic concrete pavement placed on city projects shall use PG 64-22 asphalt cement for the full thickness on non-arterial streets and private pavements, with BC-1 and SC-1 mix designs for base and surface asphalt, respectively.

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.

Crushed Rock Base 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 Hookup". No distinction will be made between Hook-ups based on the size and type of inlet.

All private property, signs, fences, 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.

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).

See the Roadside Improvement Plans for delineation of seeding areas.

Existing pavement between Sta. 82+68.27 and Sta. 85+92.65 is 3" asphalt pavement on top of 7" concrete pavement. Existing pavement between Sta. 85+92.65 and Sta. 96+50.25 is 10" concrete pavement.

Select Soil (Topsoil) shall be placed at a minimum depth of 6 inches or as specified on the drawings. The finished grade indicates the surface elevation after the prescribed select soil (topsoil) thickness has been placed.

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. Transitions shall be made over an adequate length to prevent sumps from being created in gutters.

All backfill for storm sewer trenches shall be in accordance with the City of Wichita's standard specifications. Backfill for storm sewer under existing or proposed pavement, including lines running parallel and adjacent to the back of curb, shall be jetted and vibrated sand.

Temporary concrete safety barrier shall be utilized where open utility trenches and non-traversable drop-offs are immediately located adjacent to traffic. The bid price for "Concrete Safety Barrier (Temporary)" shall include providing the barrier and include the cost of multiple installations and removals as necessary for construction.

Prior to installation, Contractor shall verify whether Manholes are shallow or standard. No Adjustment in price will be made for changes from the Bid.

Storm Sewer and structure removals are noted in the paving plans. All storm sewer and structure removals shall be Subsidiary to "Pipe Removed", "Inlet Removed" and "MH Removed".

Sanitary sewer pipes and manholes noted as abandoned on the plans (in current conditions) shall be field verified to confirm abandonment. If the line/manhole has not been abandoned then it shall be abandoned.

Existing concrete barricade waste blocks, located within 21st Street Right-of-Way, shall be removed. Removal of these barricades shall be paid for under the "Removal of Existing Structures" bid item.

All connections between existing Storm Sewer and Storm Sewer Structures and proposed Storm Sewer and Storm Sewer Structures shall be Subsidiary to the cost of installation of the new Storm Sewer and/or Structure.

PROJECT SURVEY CONTROL:

The Horizontal Datum is based on the Kansas Coordinate System of 1983, NAD83(2011), , South Zone, US Survey Foot Grid to ground. Coordinates shown have been modified to the ground using a combined adjustment factor of 1.0001200144.

All elevations shown are based on the NAVD 88 vertical datum, Geoid18.

The following equations can be used for conversion: Ground Coordinates to State Plane Coordinates = Ground x 1/CAF. State Plane Coordinates to Ground Coordinates = State Plane x CAF.

The Vertical Datum used is NAVD88.

There are groundwater monitoring wells located within the project corridor. There are two monitoring wells owned by the City of Wichita; NMW-57S and NMW-57D. These wells are not directly impacted by the proposed improvements.

RRM Properties owns the El Paso project site. They have two active monitoring wells located within the project corridor; PZ-53 and PZ-55. PZ-53 is located on the south side of 21st Street at Station 93+91.62. This monitoring well is located along the alignment of a proposed sidewalk.

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PZ-55 is located on the south side of 21st Street at Station 89+90.56. This monitoring well be located within the new Cleveland intersection; therefore, it is considered in conflict. A replacement well will be drilled/constructed by others. The existing well (PZ-55) shall be plugged and capped by the contractor and paid for as "Monitoring Well Capped".

UTILITY NOTES:

The Contractor is responsible for the support of Existing Water lines during utility trenching operations.

Contractor shall limit the extent of trench open overnight and weekends to less than 50 feet.

Contractor shall provide positive drainage away from all manhole covers.

All stubs and plugged pipes shall be located with green plastic tape in the same manner as risers.

Opening and closing of water valves shall be done slowly to prevent damage to the water distributions system from water hammer. All valves closed by the contractor must be reopened as new construction permits.

The contractor shall lay a tracer wire and set test stations along all water pipe installed in accordance with city specifications and these plans, cost is subsidiary to pipe installation.

The contractor shall provide materials for temporary blowoff of waterlines. Connections to the existing waterline(s) shall be made with clean, swabbed pipe and flushed upon completion of tie-ins.

Deflections at pipe joint or couplings shall not exceed the pipe manufacturer's recommended maximum. Where deflections are greater than the maximum allowed, the contractor shall utilize c/j long sleeve (only if approved by the engineer) or multiple joints.

Any extension greater than one length of pipe shall require testing.

Any existing joint exposed during excavation shall be replaced if within four feet of proposed joint.

The contractor shall protect from damage and support existing utilities through construction as approved by the utility owner and the engineer at the contractor's expense.

All water valves being abandoned shall have the cans removed and the space filled with sand.

Work required for the bid item "MH Adjusted" shall include adjusting the elevation of the manhole ring and lid to match the final plan grade in accordance with the City's standard specifications.

Work required for the bid item "MH Adjusted w/ New Ring & Cover" shall include providing a new City-standard ring and lid in addition to adjusting the elevation of the manhole ring and lid to match the final plan grade in accordance with the City's standard specifications.

If necessary water valve removal shall be subsidiary to the "Removal of Existing Structures."



STREET IMPROVEMENTS FOR 21ST STREET - MOSLEY TO I-135 PHASE 1

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Table with 3 columns: PROJECT NO, DATE, SCALE, DESIGNED, DRAWN, CHECKED, NO, REVISION, DATE. Values include 472-2021-085733, 12/28/2022, NA, SLF, DM, JRA.

SHEET NO.