

GENERAL NOTES FOR CONSTRUCTION DOCUMENTS  
STREET and STORM SEWER

- (1) The specifications for this project regarding street & storm sewer, shall be current American Public Works Association, Kansas City Chapter standard specifications. In addition, the Kansas Department of Transportation, Road and Bridge Specifications, Latest Edition, shall govern for all items or work shown on these plans that are not addressed by the APWA specifications.
- (2) The contractor shall call 1-800-DIG-SAFE prior to project excavation.
- (3) All utility information shown herein is based on the information available to the engineer at the time of design. Contractor shall be responsible for verifying locations and depth of utilities prior to construction. The contractor shall promptly, and before such conditions are disturbed, notify the engineer if the conditions on the site differ from those shown on the plans.
- (4) The contractor shall have all utilities located by the respective utility owners prior to any on-site excavation. Key locations as noted shall be located vertically/horizontally by utility owners and/or utility owners shall be present onsite for location prior to excavation. Contractor shall coordinate any utility conflicts with the respective utility company. Required relocations will be paid by the contractor.
- (5) The contractor shall protect existing utilities at all times. Relocation of existing utilities by contractor must be coordinated with and approved by the utility owner, the city, and the engineer.
- (6) The contractor shall maintain drainage during construction and is responsible for any dewatering necessary for construction. Dewatering shall be subsidiary to other bid items.
- (7) The contractor shall give notice to the city, police, and utility departments 48 hours in advance of beginning construction work on any existing street. No excavation shall be left unattended and unprotected. Contractor is responsible for all traffic control and signage required.
- (8) All "Clearing & Grubbing" shall include clearing of trees, stumps, brush, fences, posts, mailboxes, signs, existing asphalt & concrete and other existing surface features as necessary by the contractor to perform the work as shown on the plans.
- (9) All debris shall be disposed of by the contractor off site in accordance with current City of De Soto, Kansas regulations. Disposal of debris shall be subsidiary to "Clearing & Grubbing".
- (10) Contractor shall promptly replace any existing features removed, including mailboxes, fences, posts, signs, etc. as necessary upon completion of construction. This work shall be subsidiary to "Clearing & Grubbing".

- (11) The areas within the proposed alignments shall require stripping and removal of all vegetation and topsoil. Care should be taken to separate these materials to avoid incorporation of the organic material in the pavement area. Minimum stripping depths on the order of 8 to 18 inches may be expected. The soils removed during site stripping operation shall not be used for structural fill material in building areas or where other structures are planned, except for shale bedrock which could be reused as structural fill within pavement areas.
- (12) Stabilization of the subgrade soils with fly ash is required for all new street constructions, in accordance with the standard details.
- (13) Fill material shall be free of organic matter and debris. Fill should be placed in lifts having a maximum loose lift thickness of 9 inches. Fill should be compacted to a minimum of 95% maximum dry density per ASTM D-698. The moisture content at the time of compaction should be within a range of 0 to 4 percent above optimum moisture content.
- (14) The subgrade shall be proof-rolled using a 25 ton loaded tandem-axle dump. Rolling shall consist of at least three cycles of loading over at least three separate paths across the roadway. Proof rolling shall be in addition to required testing. An inspection of the proof-rolling by the City of De Soto is also required.
- (15) Any prepared subgrade not covered with the first base course lift within 24 hours, shall be scarified to a depth of 8" min. and to 12" max. outside the back of curblines and recompacted as required at the contractor's expense just prior to beginning pavement operation. The subgrade shall be moisture conditioned as required during the operation.
- (16) The contractor shall apply 6" type B (MR-90) compaction under all new sidewalk paving. Compaction shall be subsidiary to the concrete sidewalk bid item. Removal of any existing access ramps shall be subsidiary to the concrete sidewalk bid item.
- (17) All areas disturbed during construction shall be fertilized, seeded, and mulched by the contractor in accordance with section 2400 of the American Public Works Association Standard Specifications, Latest Edition.
- (18) The contractor shall provide adequate traffic control signing, barrels, and barricades as recommended in the manual on uniform traffic control devices, current edition, or as otherwise by the city. Type and placement of all street identification and permanent traffic control signage shall be in accordance with the manual on uniform traffic control devices, current edition, or as otherwise required by the city.
- (19) The contractor shall comply with Section 5100 of the APWA in observing soil erosion control measures during and after construction, on and off site.

- (20) During the period of two years from the date of final acceptance by the city, the contractor is responsible for making any necessary repairs arising out of defective workmanship or materials. This includes, but is not limited to, trench settlement of storm sewers, waterlines, and sanitary sewers constructed as part of the project. The city shall perform an inspection 23 months after the projects has been accepted by the city to determine what repairs need to be made.
- (21) Development plans are approved initially for one year after which they automatically become void and must be updated and re-approved by the city engineer before any construction will be permitted.
- (22) The City of De Soto plan review is only for general conformance with the city of De Soto design criteria and the city code. The city is not responsible for the accuracy and adequacy of the design, or dimensions and elevations which shall be confirmed and correlated at the job site. The City of De Soto through approval of the document assumes no responsibility, other than that as stated above, for the completeness and/or accuracy of this document.
- (23) The contractor shall have one copy of the plans approved by the City of De Soto with state approval stamp on cover sheet and one copy of the appropriate design and construction standards and specifications at the job site at all times.
- (24) The contractor shall not be allowed to work on Sundays, holidays or Saturday work shall be approved by the city engineer.
- (25) Construction of the improvements shown or implied by this set of drawings shall not be initiated of any part thereof and all required and properly executed bonds and contract agreements are received and approved by the city engineer.
- (26) The Contractor shall submit a performance & 2-year maintenance bond to the City of De Soto prior to the start of construction.
- (27) The Contractor shall submit proof of contractor's liability insurance prior to construction. This insurance shall list the City of De Soto as an additional insured.
- (28) Construction inspection will be provided by the City of De Soto. A fee in the amount of 3% of the bonded improvement costs will be assessed to the owner.