

APPENDIX A: GENERAL NOTES

GENERAL NOTES

General Notes

1. Plans are initially approved for a period of one (1) year, after which they automatically become void and must be updated and re-approved by the City before any construction will be permitted.
2. The City of Lawrence plan review is only for general conformance with City of Lawrence Design Criteria and City Code. The City of Lawrence is not responsible of the accuracy or adequacy of the design. The City of Lawrence through the approval of this document assumes no responsibility other than stated above for the completeness and/or accuracy of this document.
3. Inspection Fees are to be paid by the Developer.
4. The Contractor shall always have one (1) signed copy of the plans (approved by the City of Lawrence) and one (1) copy of the Project Specifications on site.
5. All construction shall conform to the City of Lawrence Complete Standard Technical Specifications and Standard Details in effect on the City's approval date shown on these plans.
6. Material submittals and shop drawings shall be submitted in portable document format (pdf), uploaded using e-Builder, the City's Capital Project Management Software (CPMS) to appropriate City staff and approved prior to Notice to Proceed, unless otherwise directed by the City. The Contractor should anticipate up to ten (10) business days for review per submittal. City approval of submitted shop drawings and details is for general conformance with the plans and specifications only. The City of Lawrence is not responsible for the accuracy or constructability of the shop drawings. Errors or omissions shall be corrected at Contractor expense.
7. All work quality and materials regulated by the City shall be subject to the inspection and approval by City personnel.
8. Unless otherwise noted, construction staking is to be provided by the Contractor. Survey stakes, benchmarks, and property pins destroyed by the Contractor shall be replaced at Contractor's expense.
9. Contractor shall not be allowed to work Sundays. Holiday or Saturday work shall be as approved by the Municipal Services & Operations Department.
10. The Contractor shall notify all landowners in writing at least one (1) week prior to any construction activities which would take place adjacent to their property. Individual detailed notices of access restrictions shall be hand delivered forty-eight (48) hours prior to construction. Twenty-four (24) hour notice shall be given to any water customer prior to interruption of service to make connections.

11. All work shall be confined within the construction limits, right-of-way, easements, or City property as shown in the plans. Any damage to adjacent surfacing, pavement markings, curb, sidewalks, bikeways, driveways, streetlights, signal poles, or other objects within or out of the right-of-way shall be repaired at the Contractor's expense.
12. Contractor shall call 1-800-DIG-SAFE prior to any project excavation.
13. All sidewalk and sidewalk ramps constructed will be required to comply with the Public Right-of-Way Accessibility Guidelines (PROWAG). Building sites located outside of the right-of-way shall comply with the appropriate Americans with Disabilities Act (ADA) requirements.
14. When blasting is permitted by Lawrence-Douglas County Fire and Medical Services, the Contractor shall use the utmost care to protect life and property. The Contractor shall comply with all laws, ordinances, and the applicable safety code requirements and regulations relative to the handling, storage and use of explosives and protection of life and property, and they shall be responsible for all damage thereto caused by their or their subcontractor's operations.
15. The Contractor shall provide insurance as required by the General Provisions and Covenants and Special Project Specifications before performing any blasting. The governing agency shall be notified at least twenty-four (24) hours before blasting operations begin.
16. The Contractor shall contact the City of Lawrence Traffic Division at 785-832-3035 to remove and replace traffic signs which are in conflict with the proposed improvements but are not specified to be removed as a part of this project.
17. All disposal sites must be approved by the Kansas Department of Health and Environment. Materials either stockpiled or disposed of in a flood plain 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.
18. Geological information as shown herein was completed with the best information available to the Engineer at the time of plan preparation. The Contractor shall be responsible for verifying, identifying and making their own determinations of subsurface conditions. All excavation shall be unclassified. No direct payment will be made for rock, debris, or pavement excavation. All work shall be considered subsidiary to other bid items unless otherwise shown in the plans.

Erosion & Sediment Control Notes

1. The Contractor is responsible for providing erosion and sediment control to prevent sediment from reaching paved areas, storm sewer systems,

drainage courses and adjacent properties. In the event the prevention measures are not effective, the Contractor shall remove any debris, silt, or mud and restore all disturbed areas to original or better condition.

2. The Contractor shall comply with Chapter 9, section 903 of the Code of the City of Lawrence regarding storm water pollution prevention. Unless otherwise noted in the plans or special provisions, all work related to this will be paid for in the bid item "Storm Water Pollution Prevention." This shall include, but not be limited to items such as street cleaning, protecting piled soils from eroding, temporary seeding, regular inspection reporting and documentation, etc.
3. All areas disturbed during construction shall be fertilized, seeded, and mulched by the Contractor in accordance with current City of Lawrence Technical Specifications.
4. All surface features disturbed by construction activities shall be restored by the Contractor to original condition.
5. Maintenance of drainage shall be the contractor's responsibility. Dewatering shall be subsidiary to other items of work.

Paving & Sidewalks Notes

1. All concrete for publicly maintained infrastructure shall be KCMMB unless otherwise noted in the plans.
2. All asphalt and concrete to be removed shall be neatly saw cut. Saw cuts shall be full depth and shall be subsidiary to related bid items. If the Contractor exceeds the pavement removal limits without approval from the Engineer, removal and replacement shall be at the Contractor's expense.

Utility Notes

1. In areas to be graded, all exposed manholes shall be backfilled to within 1-foot of the top of rim at a 3:1 (horizontal:vertical) or flatter slope. Place backfill per City Specifications. Positive drainage shall be maintained away from manholes.
2. Where existing utilities and service lines are to be encountered, the Owner thereof shall be notified by the Contractor at least forty-eight (48) hours in advance of performing any work in the vicinity.
3. The utility information shown herein is based on the best information available to the engineer; however, all existing utilities within the construction limits may not be shown. The Contractor shall verify all utility ownership, type, size, depths and locations prior to construction and coordinate any necessary relocations. Utilities damaged through the

negligence of the Contractor to obtain the location of same shall be repaired and replaced by and at the expense of the Contractor.

4. Utilities exposed during construction shall be adequately supported by the Contractor to prevent the conduits/lines from sagging and putting stress on any joints.
5. Abandoned utilities exposed by Contractor operations shall be removed as directed by the Engineer. This work shall be considered subsidiary to other bid items unless otherwise noted on the plans.
6. All manholes, utility valves, and meter pits shall be adjusted or rebuilt to grade as required and set in concrete if in roadway for field adjustment.
7. During a period of one year from the date of acceptance by the City, the City shall perform a video inspection on the sanitary sewer line installed under this contract. Per resolution number 5614, or latest update, an inspection fee is required for this service. Contractor shall be responsible for all repairs needed as determined from the video inspection.
8. Only authorized employees of the City of Lawrence, Municipal Services & Operations Department shall operate valves.
9. The Contractor shall install proposed waterlines without disruption of water service to customers until connections to proposed waterlines are ready to be made. Once service to customers has been interrupted, the Contractor shall work continuously until service is restored.
10. The Contractor shall install and properly maintain a mechanical plug at all connection points with existing lines until such time that the new line is tested and approved.
11. All water required for the construction of this project shall be purchased from the City of Lawrence Municipal Services & Operations Department using a fire hydrant water meter. Meters can be obtained from the Municipal Services & Operations Department for a nominal deposit, refundable upon the return of the meter.
12. Flowable fill shall be used to backfill all excavations within two feet of existing or proposed public pavement areas. Flowable fill shall be placed to the top of the subgrade.

ROW & Temporary Traffic Control Notes

1. A Temporary ROW permit is required for any temporary use of the ROW or work within the ROW. Any placement of barricades, cones, or equipment in the ROW that affects pedestrian, bicycle, or vehicular traffic shall also require the possession of a Temporary Traffic Control ("TTC") Permit.
2. Temporary Traffic Control Plans, when included, are intended to provide a general overview of traffic handling and may not be exhaustive. Traffic control requirements shown on these plans do not attempt to address in

depth the variety of situations that may occur once construction has started. In no way do the requirements shown on these plans relieve the Contractor of their responsibility to select proper traffic control devices and implementation procedures to accommodate the safety of motorists, bicyclists, pedestrians, and workers at all times. Additional signs, temporary striping, barricades, sidewalk closures, or other measures necessary to complete the construction and accommodate Contractor staging, as required by the Engineer, shall not be paid for directly, but shall be considered subsidiary to other Temporary Traffic Control items.

3. Lane closure hour restrictions listed in the ROW Administrative Regulations, section 28.4 shall be complied with unless an exception is approved and noted on the permit.
4. All traffic control devices shall be provided, installed, and maintained in accordance with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD).
5. At least one (1) person present for installation of traffic control devices shall have training in the installation of temporary traffic control devices and provide proof of training on request.
6. All flaggers shall possess a flagger certification card issued by American Traffic Safety Services Association (ATSSA), by Kansas Department of Transportation (KDOT), or other approved entity.
7. Flaggers shall be equipped with sign paddles.
8. All workers in construction zones shall wear MUTCD compliant high-visibility garments.
9. The ROW Permit Holder is responsible for maintenance of traffic control devices at all times. Maintenance may be required after hours and on non-working days. Deficiencies shall be corrected in a timely manner. The permit shall include an individual who can be contacted 24 hours a day, 7 days a week in case of emergencies.
10. The ROW Permit Holder shall contact the City of Lawrence Traffic Division at 785-832-3035 a minimum of 24 hours in advance about any conditions that will impact the operation of a traffic signal. That includes lane closures, turning restrictions, and any other potential impacts.
11. When a difference in pavement elevation is created perpendicular to traffic flow, the ROW Permit Holder shall provide, at the end of the work day, a temporary wedge over an 18" length. The ROW Permit Holder is required to mill the wedge prior to final pavement placement.
12. A traffic lane shall not be considered satisfactorily open to traffic unless it is paved to a condition that matches existing pavement material and markings are in place. Where all existing pavement has been removed, a traffic lane shall not be considered as satisfactorily open to traffic, unless

graded reasonably smooth and maintained dust free as determined by the City. Hot or cold mix asphalt may be used on a conditional basis only in order to open traffic lanes on a temporary basis; a written letter must be submitted to the City at the time of ROW permit application stating when permanent repairs will be made.

13. Small openings in the roadway surface may be bridged with steel plates. An asphalt wedge (or approved device) shall be installed around all edges of the steel plate and the plate shall be anchored so that it does not shift under traffic. Steel plates that are located in travel lanes of roadways with a posted speed of 35 mph or more for a duration of more than 3 days shall be level with the abutting pavement (pavement milled around edges of opening) unless another appropriate solution is approved by the Inspector. Roadway depressions should not exceed 1" in 10'. All visible pushing/shoving of pavement shall be corrected. All temporary pavement shall be inspected daily by the ROW Permit Holder and all maintenance issues corrected within 24 hours.
14. The ROW Permit Holder shall be required to post a W8-1 "Bump" advance warning sign 250 feet ahead of a steel plate.
15. Private vehicles shall not be parked in a roadway within the work zone.
16. Vehicles shall not be parked or driven on sidewalks. If work necessitates that vehicles travel over sidewalks then the condition of the sidewalk should be documented by video or pictures prior to vehicles crossing it. The sidewalk condition shall be inspected after work is complete and any new or undocumented cracks or other damage shall be corrected by the Permit Holder.
17. Vehicles shall not drive over non-mountable curb without first properly ramping the gutter to avoid damage to the curb.
18. The ROW Permit Holder is responsible to remain at the work site until all barricading is removed from the roadway. All barricading must be removed from the roadway within two hours of work completion or prior to any work hour restrictions detailed in the ROW Administrative Regulations or on the Temporary Traffic Control Permit. If barricades remain longer than two hours after work completion, without prior approval, the City may remove the barricades and may charge the contractor for any time and equipment expended on their behalf.
19. Any work zone that requires a TTC Permit shall have a sign posted at each end of the work zone that meets the following requirements:
 - a) Be placed in a position that can be read by traffic from each direction
 - b) Be colored "construction orange" with block letters at least six inches in height

- c) Contain the name of the company using the ROW and a phone number for a representative of the company.

- 20. Placement of temporary signs shall not obstruct or be obstructed by existing signs to remain active during construction. Temporary signs shall be placed so as to not be obstructed by other existing features (such as foliage, utility poles, etc.).
- 21. All existing signs that are contradictory to the temporary traffic control shall be covered or removed by the contractor. Signs shall be restored immediately upon removal of the temporary traffic control.