

# GENERAL NOTES:

- Utility service lines, poles, valves boxes, meters, and etceteras are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- The Contractor will be required to provide a minimum advance notice of two (2) working days to utility companies prior to excavation or working adjacent to utilities.  

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- 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 archaeological investigations unless buried in a previously approved borrow location.
- Contractor shall be responsible for implementing erosion control methods during construction to prevent unnecessary silt/sediment discharge through downstream properties and/or sewer systems. Contractor shall install and maintain erosion controls as needed during Construction. These controls may include but not be limited to: straw wattles, silt fences, temporary mulching or other controls necessary to inhibit sediment runoff during construction.
- Unless otherwise noted, all work and materials shall conform to the appropriate sections of the 1990 edition "Standard Specifications for the State Road and Bridges Construction" by the Kansas Department of Transportation.
- Prior to bidding the project, each bidder shall visit the site and satisfy himself of surface & subsurface conditions. Each bidder shall also fully inform himself as to the extent of the scope of work to be performed.
- The Contractor shall comply with all applicable safety regulations.
- All Concrete Pavement shall be reinforced with wire mesh. Wire mesh shall be SUBSIDIARY to the Concrete Sidewalk Pavement Bid Item.
- All guard posts and cables removed for construction access shall be replaced. Costs to be included in the bid items "Site Clearing" and "Site Restoration".
- Unless called out for Landscaping, all areas disturbed by construction operations shall be seeded with 50/50 Buffalo Grass (2lb/1000sf) and Rye Grass (1lb/1000sf). The cost of seeding shall be SUBSIDIARY to "Seeding".
- All Elevations shown are based on NAVD 88 Datum.
- Proposed Path to be Constructed Flush w/ Existing Surface Unless Otherwise Noted on Plans (Flume Grades). Path Cross Slope to Match Existing Runoff Direction as Shown on Plans and at 2% Max.
- Excess Excavation to be Spread on Site in Areas Approved by the Parks Department and in Areas which maintain Positive Drainage throughout the Project Site.
- Excavation & Fill Required for Construction of the Proposed Bike Path shall be Incidental to the Path Material Bid Item.
- Proposed Path Route to be Staked & Field Verified by the Parks and Rec. Dep't. Prior to Construction.
- See Sheet 23 for Information Regarding Add Alternates for the Project. Contractor is Responsible for Understanding the Add Alternates Prior to the Bid Date.
- Bid Item "Removal of Existing Structures" to Cover Any Incidental Removal Necessary for Construction Not Noted in the Plans.
- Parks Department Responsible for Constructing and Installing Pedestrian Bridge off Tyler Road. Contractor to Coordinate with Parks Department for Construction of the Necessary Concrete Near the Pedestrian Bridge.
- Bid Item "Concrete Sidewalk (5") (Reinforced) (Special)" to Cover Concrete at the Trailheads, Concrete Connection East of Creek Crossing, Concrete Work at the Tyler Road Parking Lot and the Concrete Around Detectable Warning Pavers.

## EXISTING VEGETATION NOTES

- Trees and shrubs on Park Property which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage. Trees that are to be relocated are noted on the plans.  
  
Prior to removal of vegetation, Contractor shall schedule a walk-through with project Landscape Architect, Engineer, and City Parks Department to review staked location of paths and plant materials to be removed. Field adjustment of paths may be required to obtain a more desirable alignment to avoid plant materials that may be desirable to save.  
  
Tree removal and relocation costs to be SUBSIDIARY to "Site Clearing and Restoration". Existing Treeline Shown is Based on Best Available Aerial at the Time of Design. A Number of Trees have been Removed by the Parks Department. Contractor shall visit the site Prior to Bid to Determine the Extent of the Needed Tree Removal.
- Tree pruning shall be performed by an I.S.A. or State Certified Arborist only. This will include trunk, limbs, or roots.
- Trim back plant materials within 10 ft of center line of new paths and within 5 ft of edge of seating areas unless otherwise directed by City of Wichita or project engineer. Use industry-accepted trimming methods to avoid damage to remaining plant materials.
- Where construction requires, roots shall be pruned.

Root pruning is the physical cutting of tree roots to minimize root damage and promote healing. Unsuitable means for root pruning include trenching, vibrating plow, and stump grinders. Any method that tears roots or disturbs the soil beyond the grading limit is unacceptable. Only clean cutting methods are acceptable.

Trees to be root pruned shall be pruned to a depth no greater than required by construction excavation. Any roots severed by excavation activity shall be pruned.

Trenches remaining after root pruning shall be backfilled with existing soil and lightly tamped to set soil.

If tree roots larger than 2 inches in diameter are encountered while digging or trenching, they shall be tunneled under for any improvements if possible. The Contractor shall physically inspect excavation around root zones to determine damage and health of trees. The Contractor shall not tear the roots out. Removal of roots larger than 2 inches in diameter encountered during construction, will not be allowed.

Wood mulch shall be applied to a minimum depth of 4 to 5 inches at a minimum 10 to 15 foot radius around the tree to reduce compaction and increase moisture retention. Soil shall be kept moist in root pruning areas. Surface root growth shall be avoided in the mulch.

## LAYOUT NOTES

- Contractor shall be required to provide notice to Kansas One Call at 687-2470 a minimum of two (2) working days prior to any excavation or work adjacent to utilities.
- Existing utilities and their locations, 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 Contractor will be required to work around existing utilities which do not conflict with proposed construction.
- Traffic affected by the construction on this project shall be handled in accordance with the latest edition of the Local Manual on Uniform Traffic Control Devices.
- The Contractor shall verify all utility locations prior to construction of this project.
- Signing and striping shall be installed in accordance with Local City Specifications and Codes. Striping shall be painted markings in conformance with the latest edition of the Standard Specifications for State Road and Bridge Construction by the Kansas Department of Transportation.
- The Contractor shall receive written approval from adjacent landowners prior to proceeding with any construction work on landowner's property.
- The Contractor shall be responsible for all traffic control measures to facilitate construction. All Construction Zone markings and signage shall conform to the latest version of the Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Dept. of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be SUBSIDIARY to the lump sum Bid Item "Traffic Control".

## UTILITY CONTACTS

OWNER	CONTACT	TELEPHONE
Kansas One-Call	-	1-800-344-7233
Cox Communications (Cable)	James Walburn	316-260-7491
AT&T	Jason Edwards	316-268-2102
Westar Energy	Ken McLemore	316-648-9190
Kansas Gas Service	Joe Bridgewater	316-832-3158
Black Hills Energy (Gas)	Suzette Wilson	316-941-1628
City of Wichita Water	Greg Lolley	316-268-4545
City of Wichita Storm Water	Kelly Fleming	316-268-4545
City of Wichita Sanitary Sewer	LaDonna Lawrenz	316-268-4329
City of Wichita Traffic	Brian Coon	316-268-4448
Zayo Group	Jeff Capps	316-833-9032
Southern Star Central Pipeline	Mike DeGraeve	270-862-5125
Conoco Phillips Pipeline	Andre Martinez	316-655-5058
KPC Pipeline	Adam Cowart	620-886-0082
Level 3 Communications	Mike Stephens	316-858-6146
Kansas Fiber Network	Steve Lindner	316-712-6016
Wichita Parks Department	Larry Hoetmer	316-268-4179