

# GENERAL NOTES:

- The Contractor shall give all property owners and/or tenants of developed property abutting the project limits a minimum of ten (10) days advance notice prior to start of construction. See Project Special Provisions for additional notification requirements.
- Contractor will be required to provide a minimum advance notice of seventy-two (72) hours to utility companies prior to excavation or working adjacent to utilities. Kansas One-Call: 687-2470
- Existing utilities and their locations, as shown on the plan, represent the best information obtainable at the time of design. The Contractor shall be aware that construction will occur in close proximity to existing utilities, and any conflicts with such utilities shall be reported to the Engineer. The Contractor should also be aware that some utility lines within the Project corridor may have been abandoned in place as new lines are installed. Contractor shall be responsible for notifying the affected utility to determine the status of said lines.
- The Water Department shall field locate water valves one time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, water valve boxes or fire hydrant damaged during construction shall be repaired by the Contractor at his own expense.
- All project waste including any trees, milled asphalt, rubble from miscellaneous structures, abandoned pipes, excess excavation & etc. 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.
- 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. Each bidder shall also be aware that no additional compensation will be awarded for extra work that should have been evaluated prior to bidding.
- Irons and monuments found are shown on the Plans. The Contractor shall be responsible for notifying the Engineer prior to excavation or clearing operations that will endanger said irons so that accurate ties can be determined for resetting. The Contractor shall be responsible for replacing shown property irons that are damaged or removed during construction. The Contractor shall procure a licensed Land Surveyor to locate and re-install the property iron.
- The Contractor shall be responsible for implementing erosion control methods during construction to prevent unnecessary silt/sediment discharge through downstream properties and/or storm sewer systems. The Contractor shall install and maintain erosion controls as directed by the Engineer. These controls may include, but not limited to: hay bales; silt fences, temporary seeding, Excelsior I Erosion Control Blanket (Curlex), or approved equal, or other controls necessary to inhibit sediment runoff during construction.
- The Contractor shall not start work on the Project until the Project Inspector is assigned and is present on site. Any work done without inspection will be required to be uncovered for inspection. Staking and inspection for this Project will be the responsibility of the City of Wichita.
- The Contractor shall comply with all applicable safety regulations and City of Wichita Specifications and Standards.
- All water mains and appurtenances shall be installed in accordance with City of Wichita, Kansas Standard Specifications and Special Provisions for Water Main Installations .
- 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".
- Opening and closing of water valves shall be done slowly to prevent damage to the distribution system by a water hammer. All valves that are closed by the Contractor must be reopened as new construction permits. The Project Inspector must ascertain that any valve closed by the Contractor is reopened. The Contractor will be permitted to operate a water valve only when the Project Inspector assigned to the project is present.
- Adjacent Buildings, Structures, Parking Lots, Driveways, etc. other than those shown for replacement shall be protected from damage during construction of this Project.
- Trees that require trimming for the Project construction shall not be done with a back hoe, but only by approved methods concurrent with standard tree trimming methods. All Tree Trimming Operations shall be considered as SUBSIDIARY to "Site Clearing" bid item.
- The Contractor shall remove and stockpile in a central location for the inspector to take to the Central Maintenance Facility, 1801 S. McLean, all regulatory signs, street name signs, information signs, and etc. that conflict with the proposed construction.
- A full depth saw cut of the existing surface courses or the existing total pavement thickness shall be provided at the locations where proposed construction abuts an existing surface course or pavement for which partial removal of that surface or pavement is required. Sawed 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. Such saw cuts will not be paid for directly and this cost shall be considered SUBSIDIARY to the pavement removal.
- All Elevations shown are based on NAVD 88 Datum.
- Valve Boxes and Water Meters within the Project Limits shall be adjusted to match Final Grade.
- The Contractor Shall be required to coordinate with property owners regarding water shutdowns and provide a minimum of 48 hours advance notice in the event of a planned shutdown.
- Temporary Blow-off Valves necessary to flush lines at existing water line tie-ins shall be installed and removed prior to final connections. Cost to be SUBSIDIARY to other items in the project.
- The proposed SS shall be backfilled with sand, flushed and vibrated, from the top of the improved bedding to within 2' below the bottom of the rock base or finished grade when not under pavement. Cost to be SUBSIDIARY to the Measured Quantity Bid Item "Fill Sand, Flushed & Vibrated".
- Existing Power & Light poles may require bracing during certain phases of the Project. The Contractor shall be responsible for coordinating the pole bracing with Randy Truitt with Westar at 261-6521 at least 3 weeks prior to beginning construction.
- The Contractor shall provide, erect, and maintain traffic control devices in accordance with the Manual on Uniform Traffic Control Devices (M.U.T.C.D.) as necessary.
- The Contractor shall maintain access to all sites at all times.
- Records indicate that the existing water line services are 3/4". The Contractor shall provide and install the adapters necessary to connect the proposed 1" water services to the existing consumer service lines. All Cost shall shall be SUBSIDIARY to 1" Water Service Installation.
- Fire hydrant flanges should not be located more than 6" above the bury line with the detailed 2" minimum as the desired distance.
- Existing water mains and service connections are to remain in service until proposed new mains have been completed, tested and passed.
- Water service lines connected to mains being abandoned shall be reconnected to new mains in accordance with the City of Wichita Water and Sewer department regulations. New services shall be provided to all locations along the proposed alignment as shown on the drawings. The contractor shall refer to construction details for service reconnections. Services will be bid per each basis for long and short services. Long service lines cross the centerline of the roadways. Short service lines do not cross the centerline of the roadways.
- The existing water mains are to be plugged and abandoned in place no more than 24" from the point of disconnection from water mains that remain in service. All existing piping to be abandoned shall be plugged and capped at each end and shall be completely removed from service. This includes removal or capping of existing lines, valve removal, and concrete filling of valve boxes no longer needed, as called out on the drawings. Do not plug and abandon existing mains until new mains are placed into service and all services have been transferred to the new main. The water mains to be abandoned shall not be used as part of the thrust blocking.

RECAPITULATION OF PROJECT QUANTITIES		
ITEM	QUANTITY TOTAL	UNIT
<b>LUMP SUM BID ITEMS - WATERLINE</b>		
SITE CLEARING	1	Lump Sum
SITE RESTORATION	1	Lump Sum
SODDING	1	Lump Sum
TRAFFIC CONTROL	1	Lump Sum
<b>MEASURED QUANTITY BID ITEMS - WATERLINE</b>		
PIPE, WL 8" (Trenchless Installation)	390	L.F.
FIRE HYDRANT ASSEMBLY	1	Each
SERVICE LINE, LONG 1"	5	Each
SERVICE LINE, SHORT 1"	5	Each
CONCRETE ENCASEMENT 8", REINFORCED	20	L.F.
PIPE ABANDONED IN PLACE	575	L.F.
<b>MEASURED QUANTITY BID ITEMS - SANITARY SEWER</b>		
PIPE, SS 8" (PVC)	237	L.F.
MH, STANDARD SS (4')	1	Each
MH, SHALLOW SS (4')	1	Each
SERVICE RECONNECTION, SEWER	5	Each
FILL, SAND (Flushed & Vibrated)	237	L.F.
MANHOLE REMOVED	2	Each
<b>MEASURED QUANTITY BID ITEMS - PAVING</b>		
AC PAVEMENT REMOVED & REPLACED (Includes Curb & Gutter)	20	S.F.
CONCRETE PAVEMENT REMOVED & REPLACED (Includes Curb & Gutter)	55	S.F.
CONCRETE DRIVEWAY REMOVED & REPLACED	410	S.F.
CONCRETE SIDEWALK REMOVED & REPLACED (Includes Wheelchair Ramps)	280	S.F.
TRAFFIC CONTROL	1	Lump Sum
<b>MEASURED QUANTITY BID ITEMS - EROSION CONTROL</b>		
BMP, CONSTRUCTION ENTRANCE	2	Each
BMP, BACK OF CURB PROTECTION	300	L.F.

## LIST OF UTILITY COMPANIES

TYPE	OWNER	CONTACT	TELEPHONE	(ALT.)
Locator Service	Kansas One-Call		687-2470	800-344-7233
TV	Cox Communications (Cable)	James Walburn	260-7491	262-0661
Electric	Westar Energy - Distribution	Shane Price	261-6315	383-8600
Gas	Kansas Gas Service	Joe Bridgewater	832-3158	
Gas	Black Hills Energy	Suzette Wilson	941-1608	832-3121
Telephone	AT&T	Jason Edwards	268-2008	800-344-7233
Water	Wichita Water Department	Greg Lolley	268-4555	268-4514
Storm Water Sewer	Wichita SWS Maintenance	Kelly Fleming	268-4090	
Sanitary Sewer	Wichita Sewer Maintenance	LaDonna Lawrenz	268-4073	



BAUGHMAN COMPANY  
315 Ellis St. Wichita, KS 67211 316-262-7271  
BaughmanCo.com

CAPITAL IMPROVEMENT PROJECT  
**GENERAL NOTEPAGE**  
TERRACE DRIVE SANITARY SEWER & WATER IMPROVEMENTS

PROJECT NUMBER:  
18-07-E050  
DESIGN: TPV  
DRAWN: TPV  
DATE: Feb. 2019  
SHEET  
2  
OF  
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