

# GENERAL NOTES

- Utility service lines, poles, valve boxes, gas meters, etcetera 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 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.
- Contractor will be required to provide a minimum advance notice of two working days to utility companies prior to excavation or working adjacent to utilities. Kansas One-Call @ 687-2470
- A saw cut of at least one-half the depth of 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 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 removal of the surface or pavement.
- 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.
- The Project Engineer shall be responsible for replacing shown block corners that are damaged or removed during construction. A licensed Land Surveyor shall be required to locate and re-install the property iron after construction.
- 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.
- Contractor shall be aware that some gas & telephone lines within the project corridor may have been abandoned in place as new lines are installed. The Contractor shall be responsible for contacting the appropriate owners 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 hydrants damaged during construction shall be repaired by the Contractor at his own expense.
- The Contractor shall be made aware that he will be working in close proximity of existing utilities. Any conflicts with such utilities shall be reported to the Engineer. The Contractor shall coordinate the construction of this project with relocation of any existing utilities by the utility companies.
- The proposed SWS and Water Lines shall be backfilled with sand, flushed and vibrated, from 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 Lump Sum Bid Item "Fill, Sand (Flushed & Vibrated)".

- 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. 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 mulching or other controls necessary to inhibit sediment runoff during construction.
- Existing traffic signs that conflict with the Project shall be removed, protected, and re-installed following construction operations. Signs damaged by the Contractor shall be replaced and the Contractor's expense. Costs to be SUBSIDIARY to the Lump Sum Bid Item "Site Restoration".
- 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.
- Trees that require trimming for 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".
- Existing Water Lines that have been abandoned and that conflict with the proposed construction shall be cut, removed as necessary and the remaining pipe shall be capped. Costs to be SUBSIDIARY to the Pipe or Inlet Installation.
- The Contractor shall comply with all applicable safety regulations.
- Existing and Proposed Power Poles may require bracing during certain phases of the Project. The Contractor shall be responsible for coordinating the pole bracing with Westar Energy at 261-6828.
- TRAFFIC CONTROL:  
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 shown on the Traffic Control plans and subject to the Engineer's approval. Access to Residences & Businesses shall be maintained at all times. See Construction Sequencing Plan, Sheet 19.
- STORMWATER COMPLIANCE STATEMENT:  
The proposed area of disturbance for this project is less than 0.55 acres. Since the soil disturbing activities are less than 1 acre, stormwater quality treatment has not been included in this design.

## LIST OF UTILITY COMPANIES

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.

TYPE	OWNER	CONTACT	TELEPHONE	(ALT.)
Locator Service	Kansas One-Call		687-2470	800-344-7233
TV	Cox Communications (Cable)	Jeremy Wallace	260-7195	
Electric	Westar Energy	Miles Capps	261-6512	
Gas	Kansas Gas Service	Jim Coe	832-3126	
Telephone	AT&T	Jason Edwards	268-2008	800-286-8313
Water	Wichita Water Department	Greg Lalley	268-4555	268-4908
Storm Water Sewer	Wichita SWS Maintenance	Alan Johnson	268-4090	
Sanitary Sewer	Wichita Sewer Maintenance	Bill Perkins	268-4073	262-6000

RECAPITULATION OF PROJECT QUANTITIES		
ITEM	QUANTITY TOTAL	UNIT
<b>LUMP SUM BID ITEMS - STORM SEWER</b>		
PIPE, RCP 15"	235	L.F.
PIPE, RCP 18"	109	L.F.
PIPE, RCP 24"	409	L.F.
PIPE, RCP 30"	663	L.F.
FILL, SAND (Flushed and Vibrated)	1,416	L.F.
INLET, CURB (Type 1) (L=15', W=3')	2	Each
INLET, CURB (Type 1) (L=10', W=3')	12	Each
INLET, CURB (Type 1) (L=5', W=3')	1	Each
INLET, CURB (Type 1a) (L=10', W=3')	2	Each
MH, Shallow SWS (4')	2	Each
MH, Shallow SWS (5')	6	Each
MH, Shallow SWS (6')	1	Each
<b>MEASURED QUANTITY BID ITEMS - STORM SEWER</b>		
PIPE, SWS, PVC 4", PERFORATED	340	L.F.
<b>MEASURED QUANTITY BID ITEMS - WATER</b>		
PIPE, WL DI/CL 6"	44	L.F.
PIPE, WL DI/CL 8"	19	L.F.
<b>LUMP SUM BID ITEMS - STORM SEWER</b>		
MOBILIZATION	1	Lump Sum
SITE CLEARING	1	Lump Sum
SITE RESTORATION	1	Lump Sum
SODDING	1	Lump Sum
REMOVAL OF EXISTING STRUCTURES	1	Lump Sum
<b>LUMP SUM BID ITEMS - TRAFFIC</b>		
TRAFFIC CONTROL	1	Lump Sum
<b>MEASURED QUANTITY BID ITEMS - PAVING</b>		
CONCRETE &/or ASPHALT PAVEMENT REMOVED	2,045	S.Y.
CONCRETE &/or ASPHALT SDWLK, DR.&/or PKG LOT REM'D	50	S.Y.
CONCRETE PAVEMENT 6" (Reinforced)	1,760	S.Y.
CRUSHED ROCK BASE 5", REINFORCED	2,150	S.Y.
CONCRETE C & G, COMB. TYPE 4 (6-5/8" & 1-1/2")	1,070	L.F.
CONCRETE SIDEWALK 4"	307	S.F.
INLET HOOKUP	17	Each
WHEELCHAIR RAMP w/ DETECTABLE WARNINGS	4	Each
<b>MEASURED QUANTITY BID ITEMS - EROSION CONTROL</b>		
BMP, CURB INLET PROTECTION	17	Each
BMP, BACK OF CURB PROTECTION	1,070	L.F.

REMOVAL OF EXISTING STRUCTURES		
ITEM	BL STATION	OFFSET
Inlet	6+10	26' Rt.
Inlet	6+10	17' Lt.
Inlet	6+22	26' Rt.
Inlet	6+22	17' Lt.
Manhole	6+29	6' Rt.
Inlet	6+30	26' Rt.
Inlet	6+30	17' Lt.
Inlet	16+44	40' Rt.
Inlet	16+76	41' Rt.

The Quantities in this table are FOR INFORMATION ONLY. All cost associated with the Sodding activities shall not be paid for directly, but shall be SUBSIDIARY to the Lump Sum Bid Item "Removal of Existing Structures".

TURF RESTORATION	
RESTORATION	AREA (Sq. Yds)
Sodding	530

The Quantities in this table are FOR INFORMATION ONLY. All cost associated with the Sodding activities shall not be paid for directly, but shall be SUBSIDIARY to the Lump Sum Bid Item "Sodding".

Drawing File: E:\Projects\11th - Grove to Estelle 11-10-E681\Notespage.dwg

Design: TPV  
Drawn: STAFF  
Approved: TPV  
Scale: None

Project No. 1012E575 CAPITAL IMPROVEMENT PROJECT

## GENERAL NOTEPAGE

11th STREET NORTH - GROVE TO ESTELLE DRAINAGE IMPROVEMENTS

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ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

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