## GENERAL NOTES

The contractor shall erect and maintain traffic control devices in accordance with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD) subject to the Engineer's approval.

Utility service lines, poles, valve boxes, gas meters and 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 not start work on the project until the Project Inspector is assigned to the project is present on the site. Any work done without inspection will be required to be uncovered for inspection.

The Contractor shall notify pipeline companies at least forty-eight (48) hours in advance of any work being performed over or adjacent to existing pipelines.

The Contractor will be required to provide a minimum advance notice of forty-eight (48) hours to utility companies prior to excavation or working adjacent to utilities.

A saw cut the full depth of the existing pavement thickness shall be provided at locations where proposed construction abuts an existing surface course of pavement where the existing pavement is to be removed. Sawed joint to facilitate removal within six (6) 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 and 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 of 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.

Properties within the project limits may have underground sprinkler systems in public right-of-way which conflict with new construction. The Contractor will be required to remove such improvements should they not be removed by their owner at the time of construction of the project. The Contractor will be required to salvage all sprinkler heads and/or valves and give such material to their owner. Portions of underground sprinkler systems not in conflict with new construction shall be protected from damage and shall remain in place.

Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed and disposed of 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. Removal of trees and shrubs shall be bid as measured quantity as the Bid Items "Tree Removed, Large" & "Tree Removed, Small"

The Contractor shall be responsible for preserving shown property irons and quarter section corners. The Contractor will be required to re-establish any shown property irons or quarter section corners which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws. This work will not be paid for directly, but shall be considered SUBSIDIARY to other pay items of work in the contract.

All water mains and appurtenances shall be installed in accordance with City of Wichita, Kansas Standard Specifications for Water Main Installations NO. PW005240.

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 boxes or fire hydrants damaged during construction shall be repaired by the Contractor at his own expense.

Temporary Blowoff Valves necessary to flush line at existing water line tie-ins shall not be paid for directly, but shall be considered INCIDENTAL to other items in the bid.

Opening and closing of water valves shall be done slowly to prevent damage to the water distribution system from water hammer. All valves closed by the Contractor must be opened as new construction permits. Project Inspector must ascertain that any valve closed by the Contractor is reopened. Contractor will be permitted to operate water valves only when the Project Inspector assigned to the project is present.

All saw cuts needed for the project shall not be paid for directly but shall be considered SUBSIDIARY to other items on the contract.

Where water valves are shown to be adjusted, the work shall include only the adjustment of the water box to the finished grade as shown or as directed by the Engineer. At locations where available adjustment is insufficient to match design grade, the Contractor shall notify the Engineer.

The Contractor shall adjust existing water valves at the price bid for said adjustments. Soldered connections shall be used for extending all copper water service lines. Existing lead or galvanized lines shall be abandoned in place, and shall require a new service to the main. The number of services requiring relocations and full replacement has been provided by the Water Department utilizing the best information available. The Contractor shall notify the businesses and/or residences a minimum of three (3) business days prior to any water line shutdowns or disruptions of service.

The Contractor shall give all property owners and/or tenants of developed property abutting the project limits a minimum of 10 days advance notice prior to the start of construction.

The Contractor shall comply with all applicable safety regulations.

The Contractor is 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 with the utility companies to locate any existing utilities that have not been previously located. The Contractor shall coordinate the construction of this project with the relocation of any existing utilities by the utility companies.

Areas over-excavated in pavement removal shall be filled to subgrade elevation and compacted to 95% Std. Density.

Contractor to coordinate with the United States Postal Service prior to any temporary or permanent relocation of existing mailboxes.

Prior to bidding the project, each bidder shall visit the site and satisfy himself of surface and subsurface conditions. Each bidder shall also fully inform himself as to the extent of Site Clearing and Site Restoration to be performed.

The lump sum Bid Items "Site Clearing" & "Site Restoration" shall INCLUDE all costs for the removal of signs, foundations, light pole bases, abandoned water meters, manholes, pole bases, fences, traffic service boxes, planter boxes, trees, shrubs, stumps, traffic signal appurtenances, sprinkler heads, irrigation control devices, drain pipes (≤10"), aprons, flumes, valve boxes, pavement markings, guard posts, wheel chair ramps, concrete barriers, monitoring wells, abandoned pipes, parking blocks, and any other item(s) slated for removal for which a pay item is not provided for in the proposal.

The Contractor shall remove existing fences within the construction limits that conflict with construction. Fence shall be removed by property owner, if not done prior to construction or spelled out in the specifications it is the contractors property. The removal of existing fence shall be paid for by the bid item "Fence Removed".

The Contractor shall provide an on-site office trailer or building as specified in the Special Provisions, during all phases of project construction or unless otherwise approved by the Engineer. The on-site office shall be equipped with a telephone and electrical service. This item shall be bid as "Construction Field Office and Lab (Type A)".

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 be limited to: silt fences, gravel sediment traps, temporary mulching or other controls necessary to inhibit sediment runoff during construction. Sidewalk grades shall match existing grades at the property line unless specified otherwise in the plans.

The Contractor shall be aware that some gas lines within the project corridor may be 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.

Existing SWS pipes that will be connected to new inlets shall be flushed and cleaned from the first existing junction with all debris removed prior to hook-up. This work along with any connections to existing manholes and or inlets shall be SUBSIDIARY to storm sewer pipe installation.

The hook-up of Proposed SWS pipes to new inlets and manholes shall be paid for by the bid item "Inlet Hookup".

℄ Elevations shown on plans are to the ℄ of gutter, unless specified otherwise. No allowance is made for drops at inlet.

The Contractor shall be made aware that the City of Bel Aire water line has been abandoned in place. If the Contractor runs into any conflicts, other than those called out in the plans, the pipe shall be removed to an extent decided upon by the Engineer to where the conflict is eliminated. This removal shall be considered SUBSIDIARY to other items on the contract.

## UTILITY OWNERS

AT&T
c/o Jason Edwards
154 N. Broadway, Room 210
Wichita, KS 67202
Phone: 316-268-2102

Cox Communications
c/o James Walburn
901 George Washington Blvd.
Wichita, KS 67211
Phone: 316-260-7491

Westar Energy
c/o Ken McLemore
P.O. Box 208
Wichita, KS 67201
Phone: 316-648-9190

Kansas Gas Service
c/o Joe Bridgewater
1021 East 26th Street North
Wichita, KS 67219-4308
Phone: 316-832-3158

Southern Star Central Pipeline
c/o Mike DeGraeve
9120 S. Meridian Street
Haysville, KS 67060
Phone: 270-862-5125

Zayo Group
c/o Jeff Capps
10400 E. 69th Street
Buhler, KS 67522
Phone: 316-833-9032

Conoco Phillips Pipeline
c/o Andre Martinez
2400 E. 37th Street
Wichita, KS 67219
Phone: 316-655-5058

KPC Pipeline
c/o Adam Cowart
19970 W. 161st Street
Olathe, KS 66062
Phone: 620-886-0082

City of Kechi - Gas
c/o Larry Kallenberger
220 Kechi Road
Kechi, KS 67067
Phone: 316-744-9287

Kansas Department of Transportation - Underground Electric/Fiber Optic
c/o Jerald Runnebaum
3200 East 45th Street
Wichita, KS 67220
Phone: 316-744-1271

Water
City Of Bel Aire Water Dept.
c/o Anne Stephens
7651 E. Central Park Avenue
Bel Aire, KS 67226
Phone: 316-744-2451

Water
City Of Wichita Water Dept.
c/o Greg Lolley
City Hall, 455 N. Main, 8th Floor
Wichita, KS 67202
Phone: 316-268-4555

Storm Water
City Of Wichita Storm Water
c/o Kelly Fleming
City Hall, 455 N. Main, 8th Floor
Wichita, KS 67202
Phone: 316-268-4545

Traffic Signals
City Of Wichita, Traffic Dept.
c/o Brian Coon
City Hall, 455 N. Main, 7th Floor
Wichita, KS 67202
Phone: 316-268-4393

Sanitary Sewer
City Of Wichita, Sanitary Sewer
c/o LaDonna Lawrenz
City Hall, 455 N. Main, 8th Floor
Wichita, KS 67202
Phone: 316-268-4329

Verizon Wireless
c/o Elaine Phillips
10830 E. 45th Street
Tulsa, OK 74146
Phone: 918-688-8890

## RAILROAD COORDINATION GENERAL NOTES

The Contractor is made aware that he will be working in close proximity of the active U.P.R.R railroad tracks. The Contractor shall coordinate all construction of this project within U.P.R.R. Right-of-Way with Eric Puttroff - the U.P.R.R. Manager of Track Maintenance, 402-319-7663.

The DOT number for the railroad crossing on Hillside Avenue is 595025N and the DOT number for the railroad crossing on 45th Street is 595024G.

The Contractor will be required to coordinate with Morgan Riley, - U.P.R.R. Manager of Signal Maintenance, 620-252-6248 regarding crossing signal improvements.

The Contractor shall contact the Union Pacific "Call Before You Dig" 1-800-336-9193 prior to any construction within the railroad right-of-way.

The Contractor is placed on notice that fiber optic, communication and other cable lines and systems (collectively the "Lines") owned by various telecommunications or utility companies may be buried on U.P.R.R.'s property or right-of-way. The Contractor must contact appropriate personnel to have the Lines located and make arrangements with the owner of the Lines regarding protective measures that must be followed prior to the commencement of any work on U.P.R.R.'s property. The Contractor will be responsible for contacting U.P.R.R. and notifying them of any work that may damage these Lines or facilities and/or interfere with their service. The Contractor must also mark all Lines in order to verify their locations. The Contractor must also use all reasonable methods when working in the U.P.R.R. right-of-way or on U.P.R.R. property to determine if any other Lines (fiber optic, cable, communication or otherwise) may exist.

The Contractor shall comply with all Union Pacific Railroad special provisions and complete all construction right of agreements prior to doing any construction within the railroad right-of-way.

It will be the responsibility of the Contractor to have the City of Wichita surveyors set solid benchmarks around the crossing and the top of rail elevations shot prior to the railroad starting construction. The Contractor will also be responsible in keeping the stakes and re-staking if one is destroyed during construction. The railroad crossings are to remain at their current elevation with no changes with the improvements.

The U.P.R.R. shall do all work necessary to upgrade the railroad crossings at both Hillside Avenue and 45th Street. This work shall include but not limited to the installation of new flashing light signals with crossing gate arms, new surface crossing panels, new signal housings, and the installation of all new equipment and wiring needed to sufficiently run the signals. The railroad crossings are to remain at their current elevation with no changes with the improvements.

The Contractor is to complete all necessary earthwork and storm sewer installations at the crossings prior to the U.P.R.R. construction the crossing improvements.

The concrete railroad crossing panels must be in place prior to the railroad approach slabs being constructed.

The Contractor shall install concrete safety barrier on Hillside Avenue south of the railroad crossing and on 45th Street east of the railroad crossing when concrete crossing protection is removed by the U.P.R.R. Concrete safety barriers should remain in place until crossing improvements are completed and new crossing protection is operational.

The Contractor will be prohibited from using Hillside Avenue and 45th Street for any hauling operations during the time the railroad is making improvements to the track. Upon completion of the track improvements, the Contractor shall obtain a Haul Road Agreement with the U.P.R.R. to cross the new tracks with any material that might be hauled in. The Contractor is responsible for any damage done to the railroad immediately after the railroad constructs the new crossing and installs the equipment.

The Contractor is required to have a U.P.R.R. railroad flagman or a U.P.R.R. approved 3rd party flagman any time work is within twenty-five (25) feet of the tracks or when they are doing any work that might have the potential of fouling the track. The Contractor needs to give the U.P.R.R. a 30 day advance notice prior to the day the flagger is needed. If the flagger is released of duty by the Contractor, a new 30 day advance notice will need to be submitted to the U.P.R.R.

*Utility Notes:*

Visual indications of utilities are as shown. Underground locations shown, as furnished by their lessors, are approximate and should be verified in the field at the time of construction. For actual field locations of underground utilities, call 1-800-344-7233. Verification of utilities is the Contractor's responsibility.


TranSystems
245 NORTH WACO
SUITE 222
WICHITA, KANSAS 67202
PHONE: 316-303-3000
FAX: 316-303-0156


CONSULTANTS:

45TH & HILLSIDE
INTERSECTION IMPROVEMENT
WICHITA, KANSAS

CITY OF WICHITA

REVISIONS:

| MARK | DATE | DESCRIPTION |
|---|---|---|

| | |
|---|---|
| PROJ NO: | 87 N-0616-01 |
| SCALE: | N/A |
| DATE: | 10/9/2017 |
| DESIGNED BY: | TAU |
| DRAWN BY: | TAU |
| CHECKED BY: | MDB |

SHEET TITLE:

GENERAL NOTES

SHEET NO.
2
SHEET 2 OF 166


taummel
10/9/2017 - 2:18:35 PM - c:\transystems\pw_local\transyscorp-pw1\taummel\d0258284\C-GEN-M01-501.dgn

IF THIS DRAWING IS LESS THAN 22" X 36" IT IS A REDUCED SIZE DRAWING