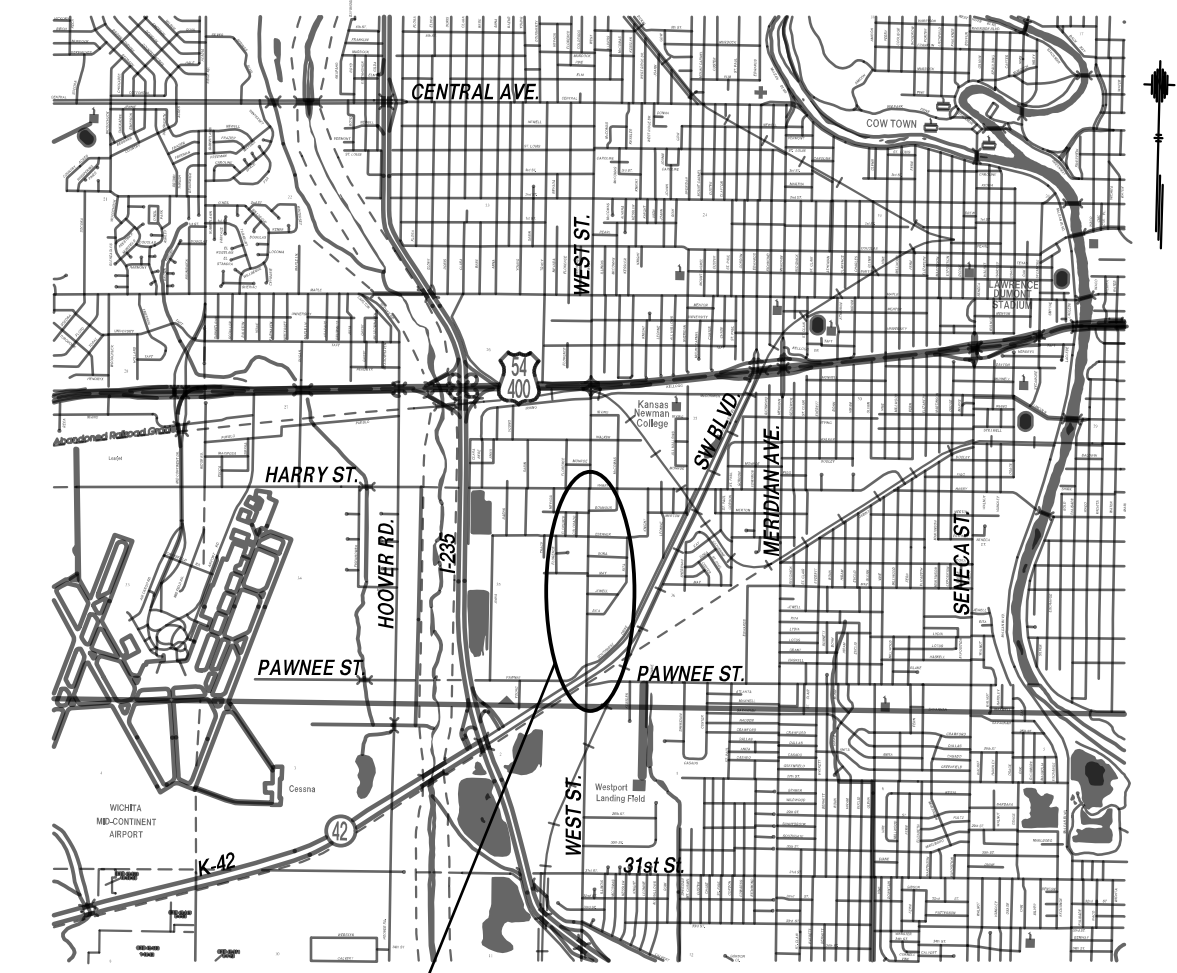


GENERAL NOTES

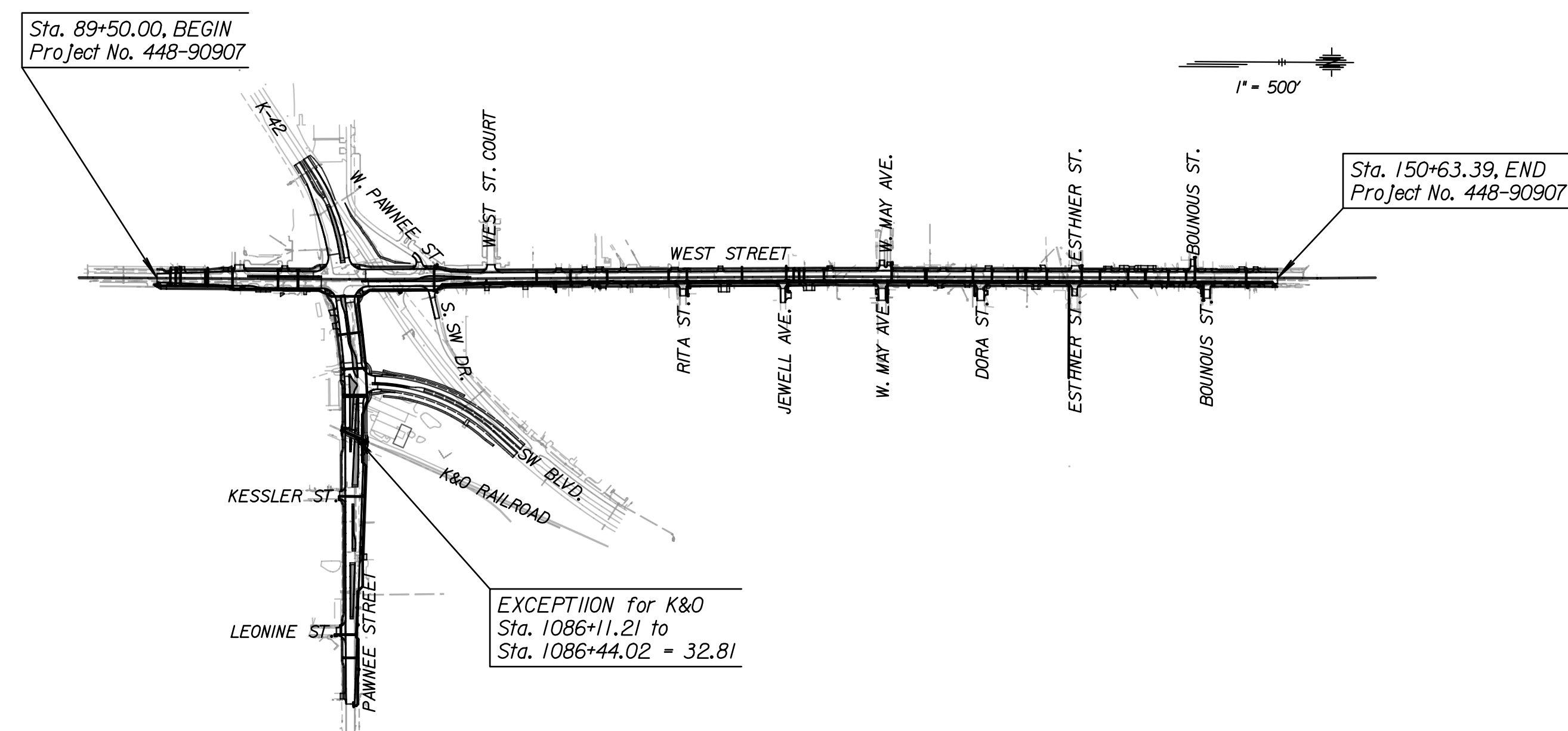
- The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City of Wichita Standard Specifications and Special Provisions.
- Contractor will be required to provide notice to utility companies a minimum of seventy-two (72) hours prior to any excavation, as follows.
Kansas One-Call 687-2470
The Contractor must notify the following in case of an emergency:
AT&T 1-800-246-8464
Black Hills Energy 1-800-694-8989
City of Wichita Water & Sewer 1-316-219-8921
City of Wichita Stormwater 1-316-268-4090
City of Wichita Traffic 1-316-268-4034
Cox Communications 1-888-249-3530
Kansas Gas Service 1-888-482-4950
Lumen 1-917-207-4604
Westar Energy 1-800-544-4857
- Utility service lines, poles, etc. 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.
- 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, in the opinion of the Engineer, that 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 will 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 will require additional archaeological investigations unless buried in a previously approved borrow location.
- Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the City Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
- The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days notice prior to start of construction.
- The Contractor shall be responsible for preserving property irons. The Contractor will be required to reestablish any property irons 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.
- The Engineering Division 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, valve boxes or fire hydrants damaged during construction shall be repaired by Contractor at his own expense. Valve boxes and water meters within the project limits shall be adjusted to match final grades by the contractor.
- The Contractor shall notify the inspecting engineer and Dawnnita Reinhardt at 316-268-4574 with the City of Wichita with the anticipated construction start date and notify them of project completion. Staking and inspection for this project will be the responsibility of the Contractor.
- All elevations shown are NAVD 88.
- All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.
- All applicable fees (tap, equity, in lieu of & main benefit) must be paid before any connections can be made on this project. Quotes can be obtained on fees by calling 316-268-4555.
- City maintenance of water mains ends at right-of-way or easement line or within two feet of vault.
- 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 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 water valves only when the project inspector assigned to the project is present.
- Connections to existing water lines shall not be paid for directly, but shall be considered INCIDENTAL to other items in the bid.
- The Contractor shall lay a Tracer Wire and Set Test Stations along all water pipe installed in accordance with City Specifications and Tracer Wire Detail on detail sheet WL101 cost is SUBSIDIARY to pipe installation.
- The contractor shall provide materials for temporary blowoff of waterlines. Connections to the existing waterline(s) shall be made with clean, swabbed pipe and flushed upon completion of tie-ins.
- Temporary Blowoff Valves necessary to flush lines at existing water line tie-ins shall not be paid for directly, but shall be considered INCIDENTAL to other items in the bid.
- Requests for short term water interruptions shall be made to the City Water Distribution Division and will be subject to their approval. The Contractor shall give written notice to any property owner, business, and/or tenants that will have water service interrupted at least 5 days in advance. Such notifications should indicate the time and date that the water will be turned off and when the service will be restored. No business, property owner, and/or tenants shall be without water service for more than 8 hours. Proposed tie in locations which will affect water service to property owners shall be preformed during non-peak hours.
- The Contractor must schedule the connections to the existing main with the City such that there is a minimum disruption of service. Connections shall be made during periods of low water usage. The Contractor shall submit his proposed schedule for completing work for City approval at least 10 days prior to beginning construction.
- Deflections at pipe joint or couplings shall not exceed the pipe manufactures recommended maximum. Where deflections are greater than the maximum allowed, the contractor shall utilize fittings.
- Any existing joint exposed during excavation shall be replaced if within four feet of proposed joint.
- Valves 12 inch and larger are to be operated by the City Water Distribution Division. 48 hours of advance notice is required with the water Dispatch at 316-291-8921.
- All wet taps shall be installed by the City of Wichita. The Contractor will reimburse the City for tapping fees prior to tap being made. Unless noted on plans.
- Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.
- Existing underground utilities are shown at estimated depths. The Contractor shall verify the exact depths of underground utilities that are critical to the construction before beginning work. The cost for this shall be SUBSIDIARY to the project.
- The Contractor shall protect from damage and support existing utilities through construction as approved by the utility owner and the Engineer at the contractor's expense.
- The Contractor shall understand that utilities may have been relocated to new locations and that additional coordination with Utility Companies may be required. The Contractor shall be required to work around existing utilities within the right-of-way.
- Contractor shall verify horizontal and vertical location, type size and class of existing waterlines prior to making connections. The existing waterline locations as shown on the plans are approximate. The contractor shall make adjustments as required and approved by the Engineer. Provisions and installation of pipe adaptors, short sections of pipe, and couplers shall be SUBSIDIARY to other pay items of work.
- Contractor shall not start work on the project until the Project Inspector is assigned to the project and is present on the site. Any work done without inspection will be required to be uncovered for inspection.
- The "Fire Hydrant Assembly" shall include installation of a New Fire Hydrant, thrust blocking, fittings and all necessary adjustments required to bring the hydrant into complete and working order.
- All existing waterline structures (i.e. water valve assemblies, fire hydrant assemblies, ect.) called out for removal in the plans shall be taken to the City of Wichita Water Department Material Yard located at 1701 Sim Park Drive.
- Contractor shall make minor adjustments to the new construction if required by the location of any existing utility at no cost to the owner. Should a conflict occur Contractor shall contact Engineer and utility owner as shown in plans.
- Contractor shall obtain all permissions and permits as required for disposal of any materials. The Contractor shall hold the Owner and Engineer harmless from any claims related to the transporting or disposal of demolition materials. The cost for this effort shall be SUBSIDIARY to the project.
- The Contractor shall be responsible for all traffic control measures to facilitate construction as shown in the construction phasing plan. The Contractor shall erect and maintain traffic control devices in accordance with the Manual of Uniform Traffic Control Devices (Latest Edition) subject to the Engineer's approval.
- All pipe 11.00 LF or less shall be Ductile Iron Cement Lined (DICTL) pipe.
- Waterlines shall have a minimum depth of bury of 48 inches from proposed improvements, unless shown otherwise.
- All labor and materials needed to accomplish connections to existing waterline and capping of existing service lines shall be considered INCIDENTAL to other items of the bid.
- Maintain a minimum of 10-foot horizontal separation between all waterlines (mains, services, and fire hydrants) and all sanitary sewer lines (mains, services and manholes). All separation distances are to be measured from the edge-to-edge, at the closest point.
- Maintain a minimum of 2-foot vertical separation between all waterlines (mains and services) and all gravity sanitary sewer lines (mains, services and manholes) at crossings. All separation distances are to be measured from the edge-to-edge, at the closest point.
- Maintain a minimum of 2-foot vertical separation between all waterlines (mains and services) and all pressurized sanitary sewer lines (force mains and services) at crossings. Waterline must always be placed above pressurized sanitary sewer lines where they cross. All separation distances are to be measured from the edge-to-edge, at the closest point.

WATER DISTRIBUTION SYSTEM TO SERVE WICHITA, KANSAS WEST STREET ROAD IMPROVEMENTS WATERLINE PROJ. NO. 448-9097 MUNIS NO. W8018 ORD CODE 54250321

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0720-01	2023	357	517



LOCATION MAP



INDEX OF SHEETS

357	Cover Sheet
358 - 359	Control Data & Summary of Quantities
362 - 373	West Street Waterline Plan Sheets
374 - 384	Pawnee Street Waterline Profile Sheets
385 - 389	Pawnee Street Waterline Plan Sheets
390 - 392	Pawnee Street Waterline Profile Sheets
393 - 396	Waterline Detail Sheets

TRAFFIC SHALL BE CARRIED THROUGH CONSTRUCTION ON EXISTING ALIGNMENTS OR DETOURS.
EXISTING ALIGNMENTS AND DETOURS ARE TO BE SIGNED AND MAINTAINED BY THE CONTRACTOR.

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS
ENGINEERING DIVISION
BY WICHITA FIRE DEPARTMENT

Engineering _____
Utilities _____
Wichita Fire Dept. _____

NOTE TO CONTRACTORS

Public Property:
Inspection and testing for the waterline is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection is to be in accordance with the City of Wichita standard construction engineering practices and certified by a Professional Engineer Licensed in the state of Kansas. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection nor shall any work be commenced without written authorization by City Engineering. All Construction and Materials shall comply with the City of Wichita Specifications and Standards and Special Provision (on file and available in the City Engineer's Office) or on the City's Website.

Private Property:
Installation and testing for the fire protection line is to be performed by a City of Wichita licensed fire protection contractor in accordance with the fire codes as adopted by the City of Wichita. All material and construction practices for the fire protection line shall comply with the fire codes as adopted by the City of Wichita (available from the City of Wichita Fire Department). The Contractor shall not commence work without notification and approval of the Wichita Fire Department. Inspection of the fire protection line is to be provided by a licensed Engineering Firm under contract with the Owner/Developer and the Fire Department. The contractor shall not start work until the project inspector is assigned to the project and present on the site. Any work done without inspection will be required to be uncovered for inspection.



PREPARED BY:

TRANSYSTEMS

245 N. WACO, SUITE 222
WICHITA, KANSAS 67202
MAIN: 316-303-3000
FAX: 316-462-5629

An approved copy of these plans signed by City staff are required on-site.

DATE	
BY	
SURVEY	
CADD TECHNICIAN	
DESIGNERS	
SQUAD	

Drawn By : jlovhs
 File : c:\transystems\pw_local\transyscorp-pw\1a-e_jlovhs\009845491C-WTR-COV-101.DGN
 Plotted : 9/25/2023