

GENERAL NOTES:

The contractor shall erect and maintain traffic control devices in accordance with the Manual on Uniform Traffic Control Devices 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 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.

The following numbers are provided:

Kansas One-Call _____ 687-2470
 Cox Communications (Marc Henderson) _____ 262-4270
 Kansas Gas Service (Charlene Pint) _____ 832-3121
 Westar Energy (Miles Capps) _____ 261-6251
 SBC (Jim Toben) _____ 268-2245
 City of Wichita Water (Bill Perkins) _____ 268-4555
 City of Wichita Sewer (Alan Johnson) _____ 268-4924

A saw cut of 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 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 INCIDENTAL to the rock excavation.

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 or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in water 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. All work in connection with underground sprinkler systems shall be bid as "Irrigation Sleeve / Irrigation Repair". This will be a non-participating bid item.

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 incidental to the lump sum bid item "Clearing and Site Preparation".

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.

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.

Where water valves are shown to be adjusted, the work shall include only the adjustment of the water valve 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 Wichita water department at 258-4908 and obtain or coordinate placement of a new valve box capable of meeting final grade.

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 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 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.

Where construction abuts an existing building, the construction limits and temporary easement, if applicable, shall be considered to be at the face of the building. All brick masonry and building facing shall be protected from concrete splatter with visqueen or other approved material. Any splatters or blemishes shall be removed by the Contractor and the surface cleaned and restored to its original appearance.

The Contractor shall adjust existing water meters at the price bid for said adjustments. Existing material, deemed in good condition by the Engineer, may be re-used. Fused welded connections shall be used for extending all plastic water lines. 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. Adjustments beyond the back of curb shall be considered "Non-Participating" and shall be paid for by the City.

Construction of temporary pavement required for business access during construction shall be INCLUDED in the lump sum bid item "TRAFFIC CONTROL" and shall include all grading, fill, compaction, soil scarification, removal, disposal and etc. necessary for business access.

Only existing private drains shown to be reconnected shall be reconnected to the proposed storm sewer system. The Contractor shall notify immediately the Project engineer and/or the Project Inspector if he discovers any private drain connection not shown on the storm sewer plans.

Traffic signal poles, mastarms, cabinet, controller, signals, pedestrian signals, ect. in salvageable condition shall be removed and stockpiled for pickup by City forces. Contact City Maintenance at 268-4033 prior to removal.

The crushed rock base under valley gutter, concrete pavement and bituminous pavement shall conform to the following limits:

Sieve Size	% Passing
2-1/2"	100
3/4"	40-80
No. 4	20-50
No. 40	6-20
No. 200	2-10

Rock quality shall conform to the requirements specified by the KDOT 1990 Edition Standard Specification, Subsection 1102 for Durability Class 1.

Geogrid Reinforcement for the rock base shall be Tensor BX1100 as manufactured by the Tensor Corporation, or approved equal. Geogrid fabric shall be INCIDENTAL to the crushed rock base.

Prior to bidding the project, each bidder shall visit the site and satisfy himself of surface and sub-surface 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 Item "RW Clearing and Site Preparation" 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, parking lot curbs, street pavement, alley pavement, curb and gutter, driveway and sidewalk pavement, 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.

Utilities may be relocated during construction by the facility owners.

Project Control and Coordinate Data						
Point	@ Station	Offset	Side	Description	Easting	Northing
100	10+00.00	0.00	-	Section Corner Meridian & Pawnee	10,000.00	10,000.00
101	16+98.86	0.00	-	P.I. Meridian Street Alignment	9,998.71	10,698.86
102	30+30.00	0.00	-	P.I. Meridian Street Alignment	9,999.59	12,030.00
103	33+33.53	0.00	-	P.I. Meridian Street Alignment	9,996.28	12,333.51
104	36+61.90	0.00	-	P.I. Meridian Street Alignment	9,996.50	12,661.88
105	39+77.10	0.00	-	P.I. Meridian Street Alignment	9,996.79	12,977.08
106	43+63.57	0.00	-	P.I. Meridian Street Alignment	10,008.65	13,363.37
107	56+63.31	0.00	-	P.I. Meridian Street Alignment	10,009.87	14,663.11
108	57+65.01	0.00	-	P.I. Meridian Street Alignment	10,006.96	14,764.77
109	62+21.06	0.00	-	P.I. Meridian Street Alignment	10,007.39	15,220.82
110	63+54.06	0.00	-	P.I. Meridian Street Alignment	10,002.51	15,353.73
111	65+14.48	0.00	-	P.I. Meridian Street Alignment	10,002.66	15,514.15
112	36+61.90	3.50'	Rt.	1/4 Section Corner	10,000.00	12,661.88
113	62+68.80	3.25'	Lt.	Section Corner	10,002.39	15,268.40
200	11+52.70	24.25'	Lt.	Begin Taper (Back of Curb)	9,975.46	10,152.66
201	12+17.14	24.50'	Lt.	End Taper (Back of Curb)	9,975.10	10,217.09
202	12+55.03	47.10'	Rt.	Begin Taper (Back of Curb)	10,046.63	10,255.12
205	33+33.53	30.00'	Lt.	End Taper (Back of Curb)	9,966.28	12,333.49
206	39+77.10	30.00'	Lt.	Begin Taper (Back of Curb)	9,966.79	12,977.11
207	43+62.84	24.49'	Lt.	End Taper (Back of Curb)	9,984.15	13,363.39
208	39+78.00	30.06'	Rt.	Begin Taper (Back of Curb)	10,026.87	12,977.06
209	43+63.57	24.50'	Rt.	End Taper (Back of Curb)	10,033.15	13,363.35
210	56+64.03	24.50'	Lt.	Begin Taper (Back of Curb)	9,985.37	14,663.13
211	57+65.01	22.00'	Lt.	End Taper (Back of Curb)	9,984.96	14,764.46
212	56+63.31	22.00'	Rt.	Begin Taper (Back of Curb)	10,031.87	14,633.09
213	59+33.78	33.00'	Rt.	End Taper (Back of Curb)	10,041.12	14,933.50
300	10+50.22	71.66'	Lt.	NW Cor. 31st St. & Meridian St.	9,928.25	10,050.09
301	10+73.30	75.00'	Rt.	NE Cor. 31st St. & Meridian St.	10,074.86	10,073.44
302	12+42.96	75.00'	Rt.	P.I. along Meridian St.	10,074.55	10,243.09
303	13+53.80	50.00'	Rt.	P.I. along Meridian St.	10,049.35	10,353.89
304	17+08.84	49.98'	Rt.	SE Cor. 30th St. & Meridian St.	10,048.70	10,708.81
305	17+68.80	50.00'	Rt.	NE Cor. 30th St. & Meridian St.	10,048.76	10,768.77
306	20+20.80	50.00'	Rt.	SE Cor. Southgate St. & Meridian St.	10,048.92	11,020.77
307	20+80.80	50.00'	Rt.	NE Cor. Southgate St. & Meridian St.	10,048.96	11,080.77
308	23+32.81	50.00'	Rt.	SE Cor. Sunnysbrook St. & Meridian St.	10,049.13	11,332.77
309	23+92.77	50.00'	Rt.	NE Cor. Sunnysbrook St. & Meridian St.	10,049.17	11,392.74
310	26+44.81	50.00'	Rt.	SE Cor. 29th St. & Meridian St.	10,049.33	11,644.77
311	27+04.81	50.00'	Rt.	NE Cor. 29th St. & Meridian St.	10,049.37	11,704.77
312	29+56.81	50.00'	Rt.	SE Cor. Wildwood St. & Meridian St.	10,049.54	11,956.77
313	30+16.81	50.00'	Rt.	NE Cor. Wildwood St. & Meridian St.	10,049.58	12,016.78
314	32+68.22	52.75'	Rt.	SE Cor. Graber St. & Meridian St.	10,049.74	12,268.78
315	33+28.21	53.44'	Rt.	NE Cor. Graber St. & Meridian St.	10,049.78	12,328.78
316	35+82.83	53.50'	Rt.	SE Cor. 27th St. & Meridian St.	10,049.95	12,582.78
317	36+24.00	68.40'	Lt.	SW Cor. 27th St. & Meridian St.	9,928.07	12,624.03
318	36+62.75	53.50'	Rt.	NE Cor. 27th St. & Meridian St.	10,050.00	12,662.68
319	36+98.09	46.50'	Lt.	NW Cor. 27th St. & Meridian St.	9,950.03	12,698.11

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: hay bales, 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.

Project Control and Coordinate Data						
Point	@ Station	Offset	Side	Description	Easting	Northing
320	39+06.75	53.50'	Rt.	SE Cor. Greenfield St. & Meridian St.	10,050.23	12,906.68
321	39+66.75	53.50'	Rt.	NE Cor. Greenfield St. & Meridian St.	10,050.28	12,966.68
322	41+14.64	50.62'	Lt.	SW Cor. Casado Cir. & Meridian St.	9,950.42	13,116.11
323	41+78.62	52.52'	Lt.	NW Cor. Casado Cir. & Meridian St.	9,950.48	13,180.11
324	42+12.24	46.52'	Rt.	SE Cor. Casado Cir. & Meridian St.	10,500.51	13,210.68
325	42+72.22	44.74'	Rt.	NE Cor. Casado Cir. & Meridian St.	10,500.57	13,270.68
326	43+76.26	58.00'	Lt.	SW Cor. Anita St. & Meridian St.	9,950.67	13,376.11
327	44+33.26	40.00'	Lt.	NW Cor. Anita St. & Meridian St.	9,968.72	13,433.10
328	45+14.93	42.00'	Rt.	SE Cor. Dallas St. & Meridian St.	10,050.80	13,514.69
329	45+74.93	42.00'	Rt.	NE Cor. Dallas St. & Meridian St.	10,050.85	13,574.69
330	46+43.26	40.00'	Lt.	SW Cor. Dallas St. & Meridian St.	9,968.91	13,643.10
331	46+93.26	40.00'	Lt.	NW Cor. Dallas St. & Meridian St.	9,968.96	13,693.10
332	48+18.93	42.00'	Rt.	SE Cor. Crawford St. & Meridian St.	10,051.08	13,818.69
333	48+78.93	42.00'	Rt.	NE Cor. Crawford St. & Meridian St.	10,051.13	13,878.69
334	49+03.26	40.00'	Lt.	SW Cor. Crawford St. & Meridian St.	9,969.16	13,903.10
335	49+53.26	40.00'	Lt.	NW Cor. Crawford St. & Meridian St.	9,969.20	13,953.10
336	51+22.93	42.00'	Rt.	SE Cor. Hadden St. & Meridian St.	10,051.36	14,122.69
337	51+62.13	40.00'	Lt.	SW Cor. Hadden St. & Meridian St.	9,969.40	14,161.97
338	51+82.93	42.00'	Rt.	NE Cor. Hadden St. & Meridian St.	10,051.42	14,182.69
339	52+12.13	40.00'	Lt.	NW Cor. Hadden St. & Meridian St.	9,965.45	14,211.97
340	54+22.13	40.00'	Lt.	SW Cor. Savannah St. & Meridian St.	9,969.64	14,421.97
341	54+26.93	42.00'	Rt.	SE Cor. Savannah St. & Meridian St.	10,051.65	14,426.69
342	54+78.48	58.00'	Lt.	NW Cor. Savannah St. & Meridian St.	9,951.69	14,478.33
343	54+86.93	42.00'	Rt.	NE Cor. Savannah St. & Meridian St.	10,051.70	14,486.69
344	56+80.18	57.53'	Lt.	SW Cor. Maxwell St. & Meridian St.	9,951.88	14,678.33
345	57+40.16	55.76'	Lt.	NW Cor. Maxwell St. & Meridian St.	9,951.94	14,738.33
346	59+20.80	45.00'	Rt.	P.I. along Meridian St.	10,052.11	14,920.52
347	59+38.57	55.00'	Lt.	SW Cor. Atlanta St. & Meridian St.	9,952.12	14,938.38
348	59+93.57	35.00'	Lt.	NW Cor. Atlanta St. & Meridian St.	9,972.17	14,993.36
349	60+19.03	70.00'	Rt.	P.I. along Meridian St.	10,077.20	15,018.72
350	61+94.03	70.00'	Rt.	SE Cor. Pawnee St. & Meridian St.	10,077.36	15,193.72
351	62+32.88	34.58'	Lt.	SW Cor. Pawnee St. & Meridian St.	9,972.40	15,231.36
351A	62+19.57	35.00'	Lt.	New Right of Way Corner	9,972.39	15,219.36
352	62+40.14	41.31'	Lt.	SW Cor. Pawnee St. & Meridian St.	9,965.40	15,238.37
352A	62+40.59	53.30'	Lt.	New Right of Way Corner	9,953.40	15,238.38
353	63+17.21	48.65'	Rt.	NE Cor. Pawnee St. & Meridian St.	10,052.48	15,318.68
353A	63+16.74	63.64'	Rt.	New Right of Way Corner	10,067.48	15,318.77
353B	63+32.20	49.21'	Rt.	New Right of Way Corner	10,052.49	15,333.68
354	63+26.90	69.24'	Lt.	NW Cor. Pawnee St. & Meridian St.	9,934.31	15,324.04
355	63+35.76	60.73'	Lt.	NW Cor. Pawnee St. & Meridian St.	9,942.49	15,333.22
400	13+42.00	26.17'	Lt.	Face Center Std. Type IA Inlet	9,973.20	10,341.95
401	13+46.88	44.10'	Rt.	Face Center Std. Type IA Inlet	10,043.46	10,346.96
402	15+25.66	42.44'	Rt.	Center of Drop Inlet	10,041.47	10,525.74
403	19+92.00	26.16'	Lt.	Face Center Std. Type IA Inlet	9,972.74	10,999.02
404	19+92.00	26.17'	Rt.	Face Center Std. Type IA Inlet	10,025.07	10,991.98
405	26+74.86	26.17'	Rt.	Face Center Std. Type IA Inlet	9,973.19	11,674.87
406	33+42.20	30.00'	Rt.	Center of Manhole	10,026.29	12,342.16
407	35+71.93	31.67'	Rt.	Face Center Std. Type IA Inlet	10,028.11	12,571.89
408	62+03.25	26.50'	Rt.	Face Center Std. Type IA Inlet	9,980.87	15,203.03

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.

Pedestrian Bridge details, specifications and delivery schedule will need to be coordinated with Jason Mohler at Contech Construction (316-619-2199).

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.

REVISIONS		PROJECT NO. 472-2470		CITY OF WICHITA MERIDIAN AVENUE 31ST TO PAWNEE	
DATE		BY		GENERAL NOTES	
WICHITA		KANSAS		DESIGNED: J.R.L.	
TRAN SYSTEMS CORPORATION		245 North Waco, Suite 420 Wichita, Kansas 67202		DRAWN: J.R.L.	
CHECKED: B.A.L.		DATE: 3/2005		SCALE: 1"=10'	
SHEET NO. 2					