GENERAL NOTES:

1. 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 (316) 687-2470

   The Contractor must notify the following in case of an emergency:

Multimedia Cablevision	(316) 262-0661
Multimedia Security	(316) 263-2061
Kansas Gas Service	(316) 662-0884
Energy One Gas Company (Peoples)	(316) 942-8350
Kansas Gas & Electric Company	(316) 383-8600
Southwestern Bell Telephone Company	(800) 344-7233
City of Wichita Water Department	(316) 268-4908
City of Wichita Sewer Maintenance	(316) 268-4071
City of Wichita SWS Maintenance	(316) 268-4095
Kinnet Fiber Optic Communications	(800) 344-7233
Wiltel	(800) 248-0133

2. Utility service lines, poles, valve boxes, meters, and 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.

3. All Project waste including any trees, milled asphalt, and rubble from the removal of miscellaneous structures 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.

4. Traffic Control:
   The Murdock-Wichita Intersection may be closed to traffic during construction for a period of time not to exceed two (2) weeks. At all other times during construction, a minimum of one lane in each direction shall be maintained along Murdock Avenue and Wichita Avenue may be closed. Traffic control plan shall be subject to the Engineer's approval.

5. The Contractor shall comply with all applicable safety regulations.

6. 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.

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

8. Geogrid Reinforcement for the rock base shall be Tensar BX1100 as manufactured by the Tensar Corporation, or approved equal. Geogrid fabric shall be INCIDENTAL to the '8" Crushed Rock Base.'

9. 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

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

11. 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. All saw cuts shall be considered INCIDENTAL to "R/W Clearing & Site Preparation."

12. 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 the scope of work to be performed.

13. 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.

14. The lump sum bid item "Site Restoration" shall INCLUDE all costs for temporary pole bracing, valve box adjustments, sanitary sewer cleanout adjustments, sand road re-establishment, seeding, mulching, and final grading of the work area, and other such items requiring replacement for which a pay item is not provided for in the Proposal.

15. The Contractor shall notify pipeline companies at least forty-eight (48) hours in advance of any work being performed across from and/or adjacent to any pipelines.

16. Upon award of the contract, the Contractor shall be responsible for contacting the Central Kansas Railway and coordinating the project construction.

17. 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.

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

19. New Sidewalk shall have a maximum sideslope of not more than one-half inch (1/2") per foot and a maximum longitudinal slope of five (5) percent unless otherwise approved by the Engineer. The sidewalk location shown on the plan is tentative. The Contractor shall be aware that the final sidewalk alignment may be subject to field changes based on the new location of power poles, utility pedestals and trees. However the, Contractor shall make every effort to adhere to the sidewalk plan with respect to slope and drainage conditions. Sidewalk grades shall match existing grades at the property line unless specified otherwise specified on the plans.

20. The Contractor shall be aware that some gas lines within the project corridor have been abandoned in place. The Contractor shall be responsible for contacting the appropriate owners to determine the status of said lines.

21. 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 be limited to: hay bales, silt fences, gravel sediment traps, temporary mulching or other controls necessary to inhibit sediment runoff during construction. Erosion control shall not be paid for directly, but shall be INCIDENTAL to the Project.

22. Central Kansas Railway shall be responsible for the removal of the Railroad Signals, Signal Controls, and Shack.

23. The Contractor shall be responsible for the removal of railroad rails, ties, signal bases, control shack foundation, guard fence, and any miscellaneous railroad equipment in conflict with new roadway construction. Cost of removal to be INCIDENTAL to "R/W Clearing & Site Preparation."

24. Contractor to support 20" waterline during RCBC installation. Method to be approved by the Engineer.

25. The Contractor shall contact Jerry Lynn, Wichita Concrete Pipe (316-838-8651), for delivery of 6' x 4' RCBC.

26. The Contractor shall contact the City of Wichita SWS Maintenance (316-268-4095) for location of drop gate to be temporarily installed at the 6' x 4' RCBC outfall structure for dewatering purposes.

27. The Contractor shall erect and maintain traffic control devices in accordance with the Manual of Uniform Traffic Control Devices (M.U.T.C.D.) subject to the Engineer's approval.

28. The lump sum Bid Item "R/W Clearing & 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, guard posts, wheel chair ramps, concrete barriers, parking lot curbs, street pavement, alley pavement, curb & gutter, driveway & 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.

29. 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.

30. Prior to seeding, the Contractor shall haul 4" min. of top soil to set finish grade on the project. Topsoil hauled onsite shall be fertile, friable, natural loam topsoil, of uniform quality characteristic of representative local soils which produce heavy growth of crops, grass, or other vegetation. It shall be free of trash, rocks, or other matter toxic to plant growth. Topsoil shall be delivered in an unfrozen and non-muddy condition and shall be subject to the approval by the Engineer. Topsoil, grading, and etc shall be INCIDENTAL to "Site Restoration."

31. All disturbed areas not intended for pavement or sidewalk construction shall be seeded with Kansas Premium Fescue Blend at a rate of 6-8 #/ 1000 S.F., fertilized with a 16-20-6 ratio at a rate of 4# / 1000 S.F., and mulched with Prairie Hay at a rate of 2 tons / acre. Mulch shall be "patted" with forks or punched into soil to reduce loss due to wind.

32. Removal of pavement markings and installation, relocation and removal of traffic signs shall be INCIDENTAL to the bid item "Pavement Marking and Signage." Relocation of traffic signs shall be per Engineer's directive. Removed traffic signs shall be salvaged and stockpiled for pickup by city forces.

ENTITIES TO BE CONTACTED PRIOR TO CONSTRUCTION

CENTRAL KANSAS RAILWAY COMPANY
L.R. Mitchell, Supervisor or
Ron Preuss, Roadmaster
(316) 261-6140 -or-
(316) 263-3240

KINNET FIBER OPTIC COMMUNICATIONS
Jason Coleman, Network Technician
(316) 386-0750 mobile
(316) 386-5845 pager
(316) 345-8818 fax

WICHITA CONCRETE PIPE
Jerry Lynn
(316) 838-8651

PROJECT NUMBER	SHEET NAME	ENGINEERING DIRECTORY
472-76-245-82026	NOTEPAGE	F:\\MURDOCK\

DESIGN	DRAWN	APPROVED	DATE	SCALE	BAUGHMAN NO
JFB/JMN	KWR/JMN		SEPT 99	NONE	98-06-E100

GENERAL NOTES
MURDOCK & WICHITA INTERSECTION IMPROVEMENTS

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211