STREET IMPROVEMENTS
SIERRA HILLS ADDITION
CHERRY CREEK: FROM E.L. OF 127TH EAST TO TRIPLE CROWN
HORSEBACK: FROM N.L. OF CHERRY CREEK TO N P.L. LOT 1 BLOCK 2
SIERRA HILLS: FROM N.L. OF CHERRY CREEK TO MT VERNON
SIERRA HILLS: FROM S.L. OF TRIPLE CROWN TO N.L. SIERRA HILLS CT
SIERRA HILLS CIR: FROM THE S.L. OF SIERRA HILLS CT TO AND INCLUDING CUL-DE-SAC
SIERRA HILLS CT: FROM THE W.L. OF SIERRA HILLS TO AND INCLUDING CUL-DE-SAC
TRIPLE CROWN: FROM N.L. CHERRY CREEK TO N PL LOT 14 BLOCK 4
TRIPLE CROWN CT: FROM S.L. TRIPLE CROWN TO AND INCLUDING CUL-DE-SAC
PROJECT NO. 472 83703
OCA NO. 765791

GENERAL NOTES

A saw cut of at least one-half the depth of existing surface courses or one-fourth the depth of 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, except when such saw cuts are within three (3) feet of an existing joint the limits of removal shall be extended to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered as subsidiary to the removal of the surface or pavement.

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 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 permitting regulations. Any material buried or stockpiled beyond approved of Engineers construction limits would require additional archeological investigations unless buried in a previously approved borrow location.

Limits of earthwork shall match existing ground elevations at the right-of-way line unless otherwise noted on the plans with a new finished grade elevation. When a new finished grade elevation is shown, the earthwork shall extend one foot beyond the right-of-way line and then sloped up or down using permissible slopes to match the existing ground surface.

The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish 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 Contractor shall give all property owners and/or tenants of developed property directly abutting the construction of this project a minimum of ten (10) days advance notice prior to start of construction.

The Contractor shall adjust Water Valve Boxes and Fire Hydrants as directed by the Engineer at the price bid for said adjustments. 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.

Underground utility service lines and overhead utility pole lines 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. Location information has been obtained from the various utility companies and is either from company record drawings or company-provided field locations. 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 notify pipeline companies at least 24 hours in advance of any work being performed across and/or adjacent to pipelines.

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 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 seed, fertilize and mulch all disturbed areas per City specifications upon completion of construction.

Subdivision Bench Marks shall be "Flat Survey Markers No. 8134-08 3" top diameter" provided by Kansas Blue Print Co., Inc. Bench mark installation cost to be subsidiary to curb & gutter.

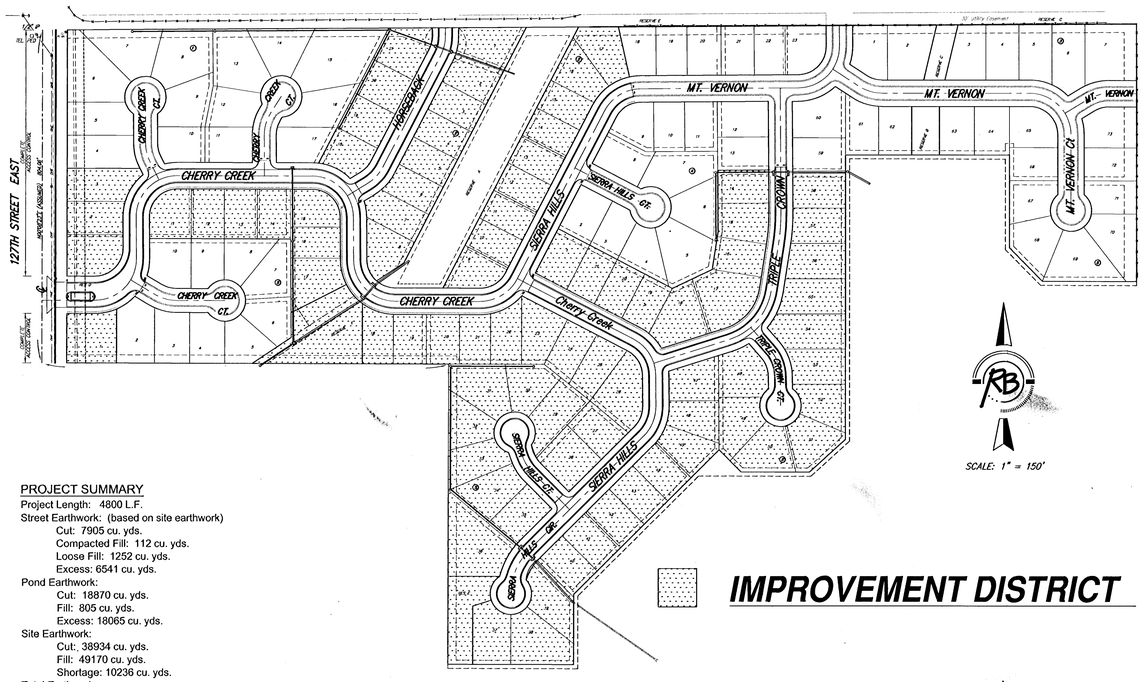
Inlet sediment barriers shall be constructed for all inlets in this project. See detail sheet 39.

Contractor will be required to provide a minimum advance notice of twenty-four (24) hours to utility companies prior to starting any excavation as follows:

Kansas One-Call	*687-2470*

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

Cox Communications	*262-0661*
Kansas Gas Service	*383-8600*
Westar Energy	*383-8600*
Aquila	*1-800-303-0357*
SBC	*1-800-286-8313*
City of Wichita Water Department	*262-6000*
City of Wichita Sewer Maintenance	*262-6000*
Jayhawk Pipeline LLC	*755-0241*
Conoco/Phillips Pipeline Co.	*1-918-661-0989*



SCALE: 1" = 150'

PROJECT SUMMARY

Project Length: 4800 L.F.

Street Earthwork: (based on site earthwork)
- Cut: 7905 cu. yds.
- Compacted Fill: 112 cu. yds.
- Loose Fill: 1252 cu. yds.
- Excess: 6541 cu. yds.

Pond Earthwork:
- Cut: 18870 cu. yds.
- Fill: 805 cu. yds.
- Excess: 18065 cu. yds.

Site Earthwork:
- Cut: 38934 cu. yds.
- Fill: 49170 cu. yds.
- Shortage: 10236 cu. yds.

Total Earthwork:
- Cut: 65709 cu. yds.
- Fill: 51339 cu. yds.
- Excess: 14370 cu. yds.

Note: All excess excavation shall be wasted on site. See Detail Sheet 35.

IMPROVEMENT DISTRICT

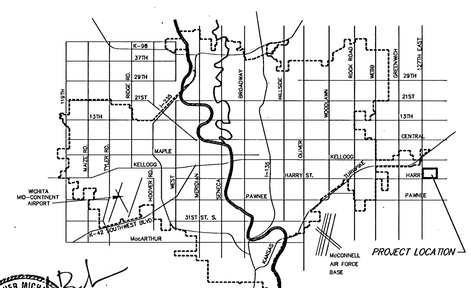
BENCH MARKS

BENCH MARK #1:
Railroad Spike 32.39' East and 40.87' North of the Centerline Intersection of Pawnee Avenue and 127th Street East. Elev. = 1348.62 NGVD

BENCH MARK #2:
SRB Brass Disc 1008.17' East and 55.63' North of the Centerline Intersection of Pawnee Avenue and 127th Street East. Elev. = 1336.63 NGVD

INDEX

1.	TITLE SHEET
2.	TYPICAL 29' PVMT. SECTION
3.	TYPICAL 35' PVMT. SECTION
4.	INTERSECTION & VALLEY GUTTER DETAILS
5.	SIGNAGE DETAILS
6-8.	CHERRY CREEK
9.	SIERRA HILLS
10-11.	SIERRA HILLS
12.	SIERRA HILLS CIR
13.	SIERRA HILLS CT
14.	HORSEBACK
15-16.	TRIPLE CROWN
17.	TRIPLE CROWN CT
18.	CURVE DATA TABLE
19.-25.	INCIDENTAL DRAINAGE
26.	TYPE 1A INLET (SINGLE)
27.	TYPE 1A INLET (DOUBLE)
28.	REINFORCED CONC MH
29.	TYPE P MH
30.	SHALLOW TYPE P MH
31-33.	SOIL EROSION BMP
34-35.	SITE GRADING
36-37.	POND PLANS
38.	WEIR DETAILS
39.	EROSION CONTROL
40-67.	XSECS
68.	XSEC QUANTITIES
69.	FINAL PLAT



VICINITY MAP

CHRISTOPHER MICHAEL BROWN LICENSED 11931 6/15/03 KANSAS PROFESSIONAL ENGINEER

CITY OF WICHITA, KANSAS
Neil Cable, P.E. - CITY ENGINEER