

DRILL HOLES

BORDER REV. DATE: June 1, 2004

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PROJECT DESCRIPTION

I. GENERAL

This project involves the installation of a mast arm Traffic Control Signal at the intersection of MD 27 (Ridge Road) and Skylark Road in Montgomery County. Video detection shall be used for the Skylark Road approach. MD 27 (Ridge Road) is assumed to run in a north-south direction.

II. INTERSECTION OPERATION

- 1. The intersection is to operate in a NEMA three-phase, semi-actuated mode, with the MD 27 (Ridge Road) approaches running concurrently. The Skylark Road approach shall run in its own phase.
2. A full-traffic-actuated, eight-phase controller with video interface and all necessary equipment housed in a NEMA size "6" base-mounted cabinet shall be installed at this intersection.

III. SPECIAL NOTES

- 1. The Contractor shall be responsible for terminating all signal cables, to the appropriate terminals and shall properly label each cable.
2. All controller cabinet wiring will be performed by Montgomery County Forces. Contact Kamal Hamud at (240) 777-8761 seventy-two hours in advance of intended work.
3. All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.
4. The signal contractor must contact Mr. Keith Boone of Verizon at (301) 595-6075 to arrange for a phone drop to the signal.

The contact persons for District #3 (Montgomery County) are as follows:

Mr. Jeff Wentz
Assistant District Engineer - Traffic
Phone: (301) 513-7358

Mr. Richard L. Daff, Sr.
Chief, Traffic Operations Division
Phone: (410) 787-7630

Mr. Raleigh Medley
Assistant District Engineer - Maintenance
Phone: (301) 513-7304

Mr. Keith Lord
Montgomery County Signal Shop
(301) 674-8965

Mr. Augie Rebish
District Engineer - Utility
Phone: (301) 513-7350

Mr. Sonny Bailey
Sign Shop
410-787-7676

The power company representative is:
Ms Syntonia Foster
Allegheny Power
Mount Airy Service Center
2901 Back Acre Circle
Mt Airy, MD 21771
301-829-7025

Trench inspection phone # is 301-829-7020
See Construction Detail - "Q"

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION AND INSTALLED BY THE CONTRACTOR.

Table with 3 columns: ITEM NO., DESCRIPTION, QUANTITY. Includes items like 'M95-1 "Ridge Rd 2200" / NORTH (arrow) / MD 27 SOUTH (arrow) sign (72" x 40") mast arm mounted'.

EQUIPMENT LIST (cont.)

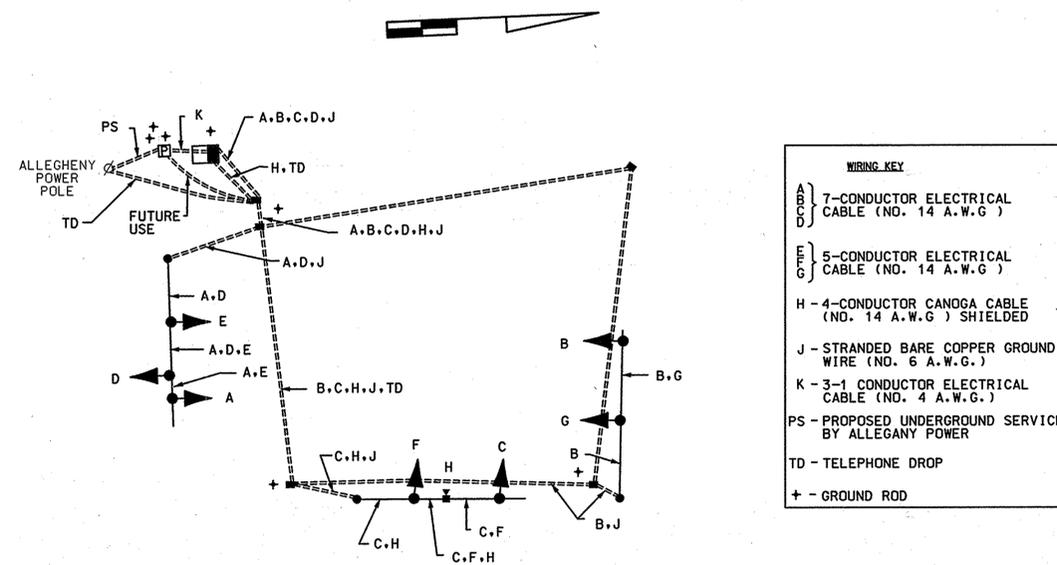
B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

Table with 3 columns: ITEM NO., DESCRIPTION, QUANTITY. Includes items like 'Maintenance of Traffic', 'Test pit excavation', 'Concrete foundation', '2" polyvinyl chloride electrical conduit', etc.

PHASE CHART

Phase chart table showing signal phases (1-7) and their corresponding colors (R, Y, G) and directions (L, T, R, H, V).

WIRING DIAGRAM



SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION
MD 27 (RIDGE RD) AND SKYLARK ROAD CLARKSBURG, MARYLAND
GENERAL INFORMATION SHEET
SCALE NONE DATE 10/12/07 CONTRACT NO.
DESIGNED BY R. ZACHERL COUNTY MONTGOMERY
DRAWN BY ROB CICCHINI LOGMILE 15002702.17
CHECKED BY TIMS NO. 1498X
F.A.P. NO. TOD NO.
TS NO. DRAWING NO. 2 OF 2 SHEET NO. OF

STREET TRAFFIC STUDIES, LTD.
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