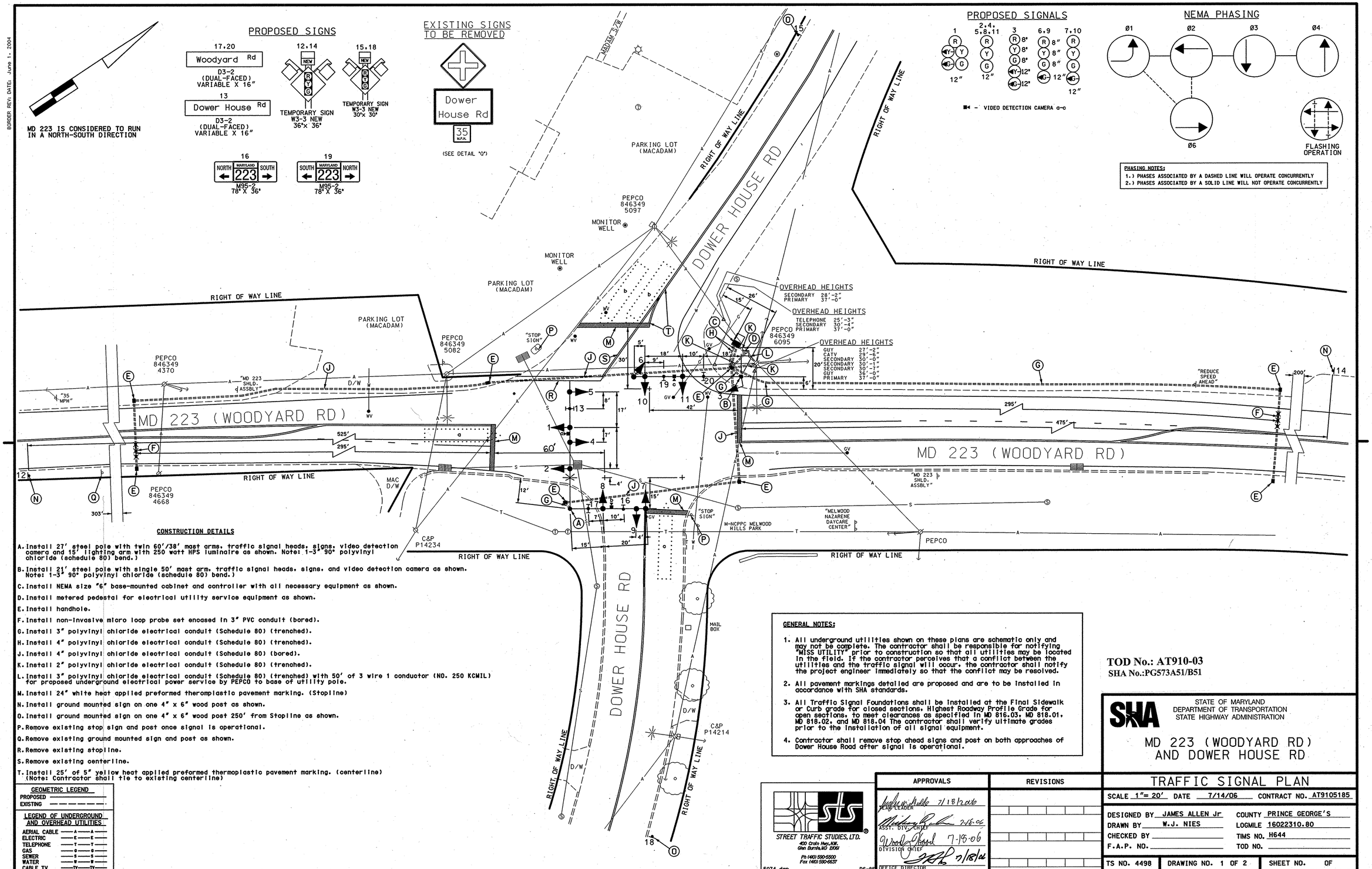

DRILL HOLES

DRILL HOLES

DRILL HOLES

BORDER REV: DATE: June 1, 2004

CONSTRUCTION DETAILS

A. Install 27' steel pole with twin 60'/38' mast arms, traffic signal heads, signs, video detection camera and 15' lighting arm with 250 watt HPS luminaire as shown. Note: 1-3" 90° polyvinyl chloride (schedule 80) bend.)

B. Install 21' steel pole with single 50' mast arm, traffic signal heads, signs, and video detection camera as shown. Note: 1-3" 90° polyvinyl chloride (schedule 80) bend.)

C. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown.

D. Install metered pedestal for electrical utility service equipment as shown.

E. Install handhole.

F. Install non-invasive micro loop probe set encased in 3" PVC conduit (bored).

G. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

H. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

J. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).

K. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

L. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched) with 50' of 3 wire 1 conductor (NO. 250 KCMIL) for proposed underground electrical power service by PEPCO to base of utility pole.

M. Install 24" white heat applied preformed thermoplastic pavement marking. (Stopline)

N. Install ground mounted sign on one 4" x 6" wood post as shown.

O. Install ground mounted sign on one 4" x 6" wood post 250' from Stopline as shown.

P. Remove existing stop sign and post once signal is operational.

Q. Remove existing ground mounted sign and post as shown.

R. Remove existing stopline.

S. Remove existing centerline.

T. Install 25' of 5" yellow heat applied preformed thermoplastic pavement marking. (centerline) (Note: Contractor shall tie to existing centerline)

GEOMETRIC LEGEND

PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	—A—A—
ELECTRIC	—E—E—
TELEPHONE	—T—T—
GAS	—G—G—
SEWER	—S—S—
WATER	—W—W—
CABLE TV	—TV—TV—

GENERAL NOTES:

1. All underground 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.
2. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.
3. All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections. Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04 The contractor shall verify ultimate grades prior to the installation of all signal equipment.
4. Contractor shall remove stop ahead signs and post on both approaches of Dower House Road after signal is operational.

TOD No.: AT910-03
SHA No.:PG573A51/B51

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 223 (WOODYARD RD) AND DOWER HOUSE RD

STREET TRAFFIC STUDIES, LTD.
409 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-5537

5074.dgn 06-85

APPROVALS	
TEAM LEADER	7/18/2006
ASST. DIV. CHIEF	7-18-06
DIVISION CHIEF	7-19-06
OFFICE DIRECTOR	7/18/06

REVISIONS

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 7/14/06 CONTRACT NO. AT9105185

DESIGNED BY JAMES ALLEN Jr
DRAWN BY W.J. NIES
CHECKED BY
F.A.P. NO.
COUNTY PRINCE GEORGE'S
LOGMILE 16022310.80
TIMS NO. H644
TOD NO.

TS NO. 4498 | DRAWING NO. 1 OF 2 | SHEET NO. OF

PLOTTED: $DATETIME$
FILE: $FILE$

25,18,38,2006 14,10,40 C:\DGN\5074\5074.DGN