DRILL HOLES

BORDER REV: DATE: June 1, 2004

NOTE: MD 97 IS CONSIDERED TO RUN IN A NORTH SOUTH DIRECTION.

EXISTING SIGNS

10

13

Mc CLINTOCK DRIVE

11

SOUTH — M3-3 30"x 15"
MARYLAND 97 — M1-5 36"x 36"
M6-1 30"x 24"

ASSOCIATED SHIELD ASSEMBLY 36" x 75"

PROPOSED SIGNS

12

Roxbury Mills Rd

D3-2
VARIABLE X 16"

8 Burntwoods Rd

8A Burntwoods Rd

D3-2
(DUAL-FACED)
VARIABLE X 16"

9

NORTH — M3-1 24"x 12"
MARYLAND 97 — M1-5 24"x 24"
M6-1 21"x 15"

ASSOCIATED SHIELD ASSEMBLY 24" x 51"

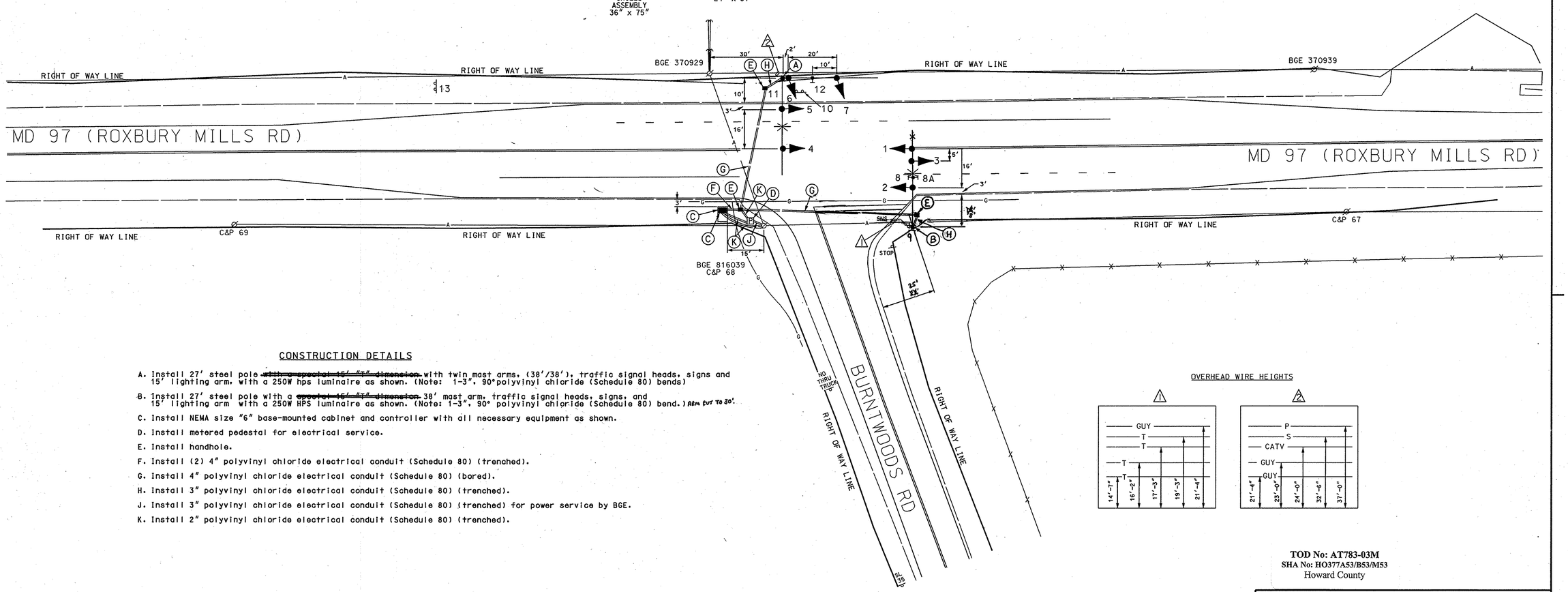
PROPOSED SIGNALS

1-5 Y 12"

6-7 R 12"

NEMA PHASING

FLASHING OPERATION



CONSTRUCTION DETAILS

A. Install 27' steel pole ~~with a special 15' "T" dimension~~ with twin mast arms, (38'/38'), traffic signal heads, signs and 15' lighting arm, with a 250W hps luminaire as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bends)

B. Install 27' steel pole with a ~~special 15' "T" dimension~~ 38' mast arm, traffic signal heads, signs, and 15' lighting arm with a 250W HPS luminaire as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.) ARM CUT TO 30'.

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

D. Install metered pedestal for electrical service.

E. Install handhole.

F. Install (2) 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

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

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

J. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for power service by BGE.

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

OVERHEAD WIRE HEIGHTS

1: GUY, T, T, T, T — 14'-7", 16'-2", 17'-3", 19'-3", 21'-4"

2: P, S, CATV, GUY, GUY — 21'-4", 23'-0", 24'-0", 32'-6", 37'-0"

TOD No: AT783-03M
SHA No: HO377A53/B53/M53
Howard County

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 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.

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 —

STREET TRAFFIC STUDIES, LTD.
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Glen Burnie, MD 21061
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M. Ruckr 4-4-06
TODD APPROVAL

APPROVALS	REVISIONS
TEAM LEADER 3-15-06	
ASST. DIV. CHIEF 3-15-06 for Mickey Rucker	
DIVISION CHIEF 3/19/06	
OFFICE DIRECTOR 3/22	

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 97 (ROXBURY MILLS RD) AND BURNTWOODS RD

GLENWOOD, MARYLAND

SCALE 1"= 20' DATE 1-23-06 CONTRACT NO. AT7835185

DESIGNED BY JAMES ALLEN JR. COUNTY HOWARD
DRAWN BY D.A.NIES LOGMILE 13009703.54
CHECKED BY TIMS NO. H216
F.A.P. NO. TOD NO.

TS NO. 4472 DRAWING NO. 1 OF 2 SHEET NO. OF

PLOTTED: WEDNESDAY, MARCH 15, 2006 AT 2:02:19 PM
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