NOTE:
MD 170 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

## EXISTING SIGNS

13 — LEFT TURN YIELD ON GREEN — R10-12 (36"x 42")

17 — NORTH MARYLAND 170 — (30"x 51")

18 — SOUTH MARYLAND 170 — (48"x 75")

11,14 — Mathison Way — D3-2

15

9,16

10,12 — STOP — (18"x 18") (FOR BIKE PATH)

## EXISTING SIGNALS

4: R 8", Y 8", G 8" — 12", 12", 12"

5: R, Y, G — 12"

1-3, 6-8: R, Y, G — 12", 12"

OPTICOM DETECTOR EYE

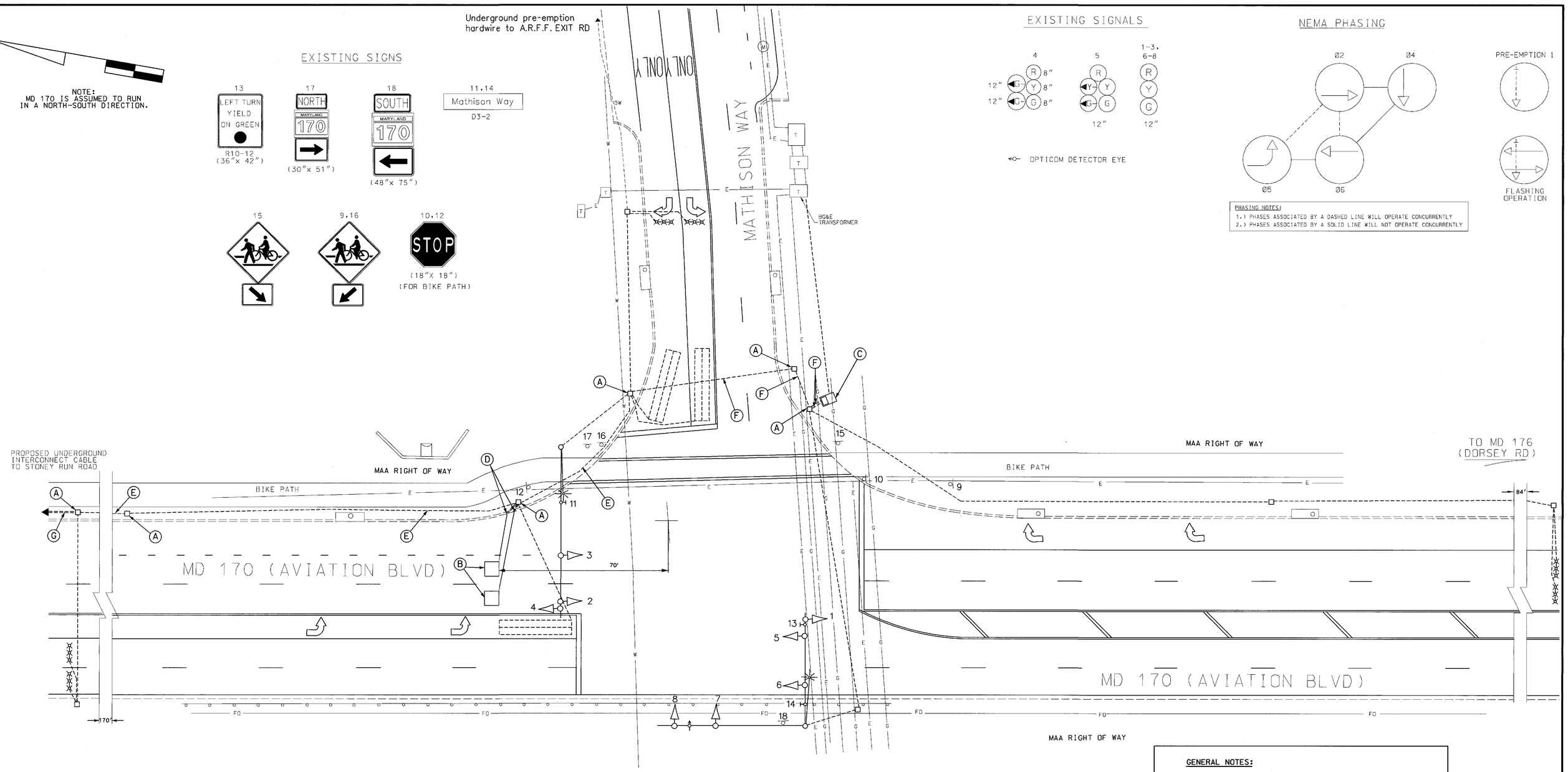
## NEMA PHASING

Ø2, Ø4, Ø5, Ø6

PRE-EMPTION 1

FLASHING OPERATION

PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY




## CONSTRUCTION DETAILS

A. Use existing handhole.

B. Install 6' x 6' loop detector encased in flexible tubing (4 Turns).

C. Use existing cabinet and controller with control and distribution, wire the new 2-conductor (No. 14 A.W.G.) aluminum shielded for the sampling loop detectors and the interconnect cable to the appropriate controller connectors. The signal shop shall install a telemetry panel and harness

D. Install 1" liquid tight flexible non-metallic conduit detector sleeve for the installation of the sampling loop detectors.

E. Use existing 3" PVC Schedule 80 electrical conduit for the installation of the sampling loop detector cables and the interconnect cable.

F. Use existing 4" PVC Schedule 80 electrical conduit for the installation of the sampling loop detector cables and interconnect cable.

G. Install 3" PVC Schedule 80 electrical conduit (trenched) for the installation of 12-pair voice grade interconnect cable.

## GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.

2. Any modification to this subject signal should be proceeded by a thorough identification of all existing utilities.

## 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 |

REVISION "B"

STREET TRAFFIC STUDIES, LTD.®
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

3922n.DGN — TASK 2

| REVISIONS | |
|---|---|
| B | 5-10-02 ASBUILT. ADD NB. SAMPLING & I/C SHA# XX1085185 |
| EMM | |
| A | 6/00 ICB TO FULL COLORS W/ SB E/P LT (MAA NO. |
| DA | |

APPROVALS (ORIGINAL ON FILE)
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**
*Office of Traffic & Safety*
TRAFFIC ENGINEERING DESIGN DIVISION

MD 170 (AVIATION BLVD) & MATHISON WAY

| | | | |
|---|---|---|---|
| DRAWN BY: R. CICCHINI | F.A.P. NO. A129-152-1B52 | TS NO. 3557B | SHEET NO. 14 OF 23 |
| CHECKED BY: D. PETERS | S.H.A. NO. | | |
| SCALE: 1"= 20" | COUNTY: ANNE ARUNDEL | T.I.M.S. NO. E 451 | |
| DATE: 6/1/98 | LOG MILE: 02017007.00 | | |

..\3922\3922n\3922n.dgn May. 13, 2002 13:02:52