| F H W A REGION NO. | STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| 3 | MD | | | |

MD 755 IS ASSUMED TO RUN IN A NORTH–SOUTH DIRECTION

## EXISTING SIGNAL HEADS

2–4,6,7,9,10 — R, Y, G — 12"

1 — R, Y-Y, G-G — 12"

5,8 — R, Y, G — 8"

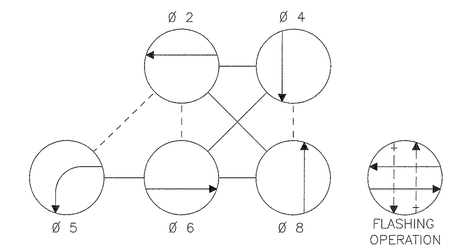
## EXISTING SIGNS

11 — LEFT TURN YIELD ON GREEN — R10–12 (36" x 42")

12a,12b — Willoughby Beach Road — D3–2 SIGN

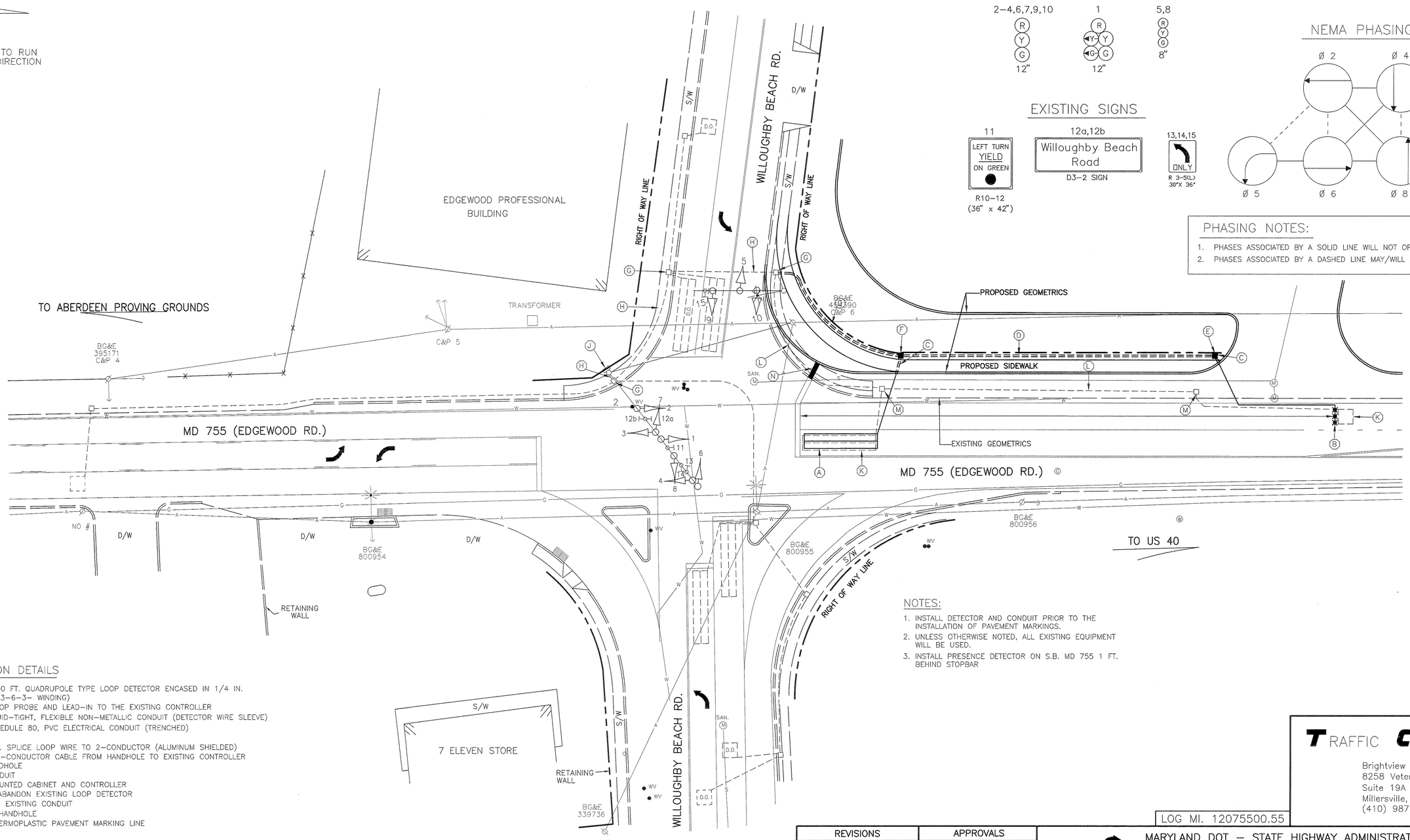
13,14,15 — ONLY — R 3–50(L) 30"X 36"

## NEMA PHASING




## PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.




## NOTES:

1. INSTALL DETECTOR AND CONDUIT PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
2. UNLESS OTHERWISE NOTED, ALL EXISTING EQUIPMENT WILL BE USED.
3. INSTALL PRESENCE DETECTOR ON S.B. MD 755 1 FT. BEHIND STOPBAR

## CONSTRUCTION DETAILS

A. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3–6–3– WINDING)
B. INSTALL MICRO–LOOP PROBE AND LEAD–IN TO THE EXISTING CONTROLLER
C. INSTALL 1 IN. LIQUID–TIGHT, FLEXIBLE NON–METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
D. INSTALL 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT (TRENCHED)
E. INSTALL HANDHOLE
F. INSTALL HANDHOLE. SPLICE LOOP WIRE TO 2–CONDUCTOR (ALUMINUM SHIELDED) CABLE AND RUN 2–CONDUCTOR CABLE FROM HANDHOLE TO EXISTING CONTROLLER
G. USE EXISTING HANDHOLE
H. USE EXISTING CONDUIT
J. EXISTING POLE MOUNTED CABINET AND CONTROLLER
K. DISCONNECT AND ABANDON EXISTING LOOP DETECTOR
L. CAP AND ABANDON EXISTING CONDUIT
M. REMOVE EXISTING HANDHOLE
N. INSTALL 24 IN. THERMOPLASTIC PAVEMENT MARKING LINE

## LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

| | |
|---|---|
| AERIAL CABLE | A |
| ELECTRICAL | E |
| TELEPHONE | T |
| GAS | G |
| SEWER | S |
| WATER | W |
| CABLE TV | TV |


TRAFFIC CONCEPTS, INC.
Brightview Business Center
8258 Veterans Highway
Suite 19A
Millersville, MD 21108
(410) 987–0427


LOG MI. 12075500.55

| REVISIONS | APPROVALS |
|---|---|
| C 11–13–98 REPLACE DETECTION ON S.B. MD 755 DUE TO GEOMETRIC IMPROVEMENTS — TMZ | ASSISTANT DIVISION CHIEF |
| B 5–25–94 ASBUILT, INSTALL MAST ARM, LOOPS FOR NEW GEOMETRICS CONTRACT NO. 970100 — STS | ASST. DISTRICT ENGINEER, TRAFFIC |
| | CHIEF, TRAFFIC ENG. DESIGN DIV. |
| | DIR., OFFICE OF TRAFFIC AND SAFETY |

ORIGINAL ON FILE

MARYLAND DOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN

# MD 755 AND WILLOUGHBY BEACH ROAD

| | | | | | |
|---|---|---|---|---|---|
| DATE: 7–24–78 | DRAWN BY: B. THOMPSON | F.A.P. NO. | | PLAN SHEET NO.: | SHEET NO. |
| SCALE: 1"=20' | DESIGNED BY: H. KILIAN | S.H.A. NO. | H 801–501–485 | TS–1732 C | ___ OF ___ |
| APPROVED BY: | CHECKED BY: D. ZAFIRIS | COUNTY | HARFORD | | |