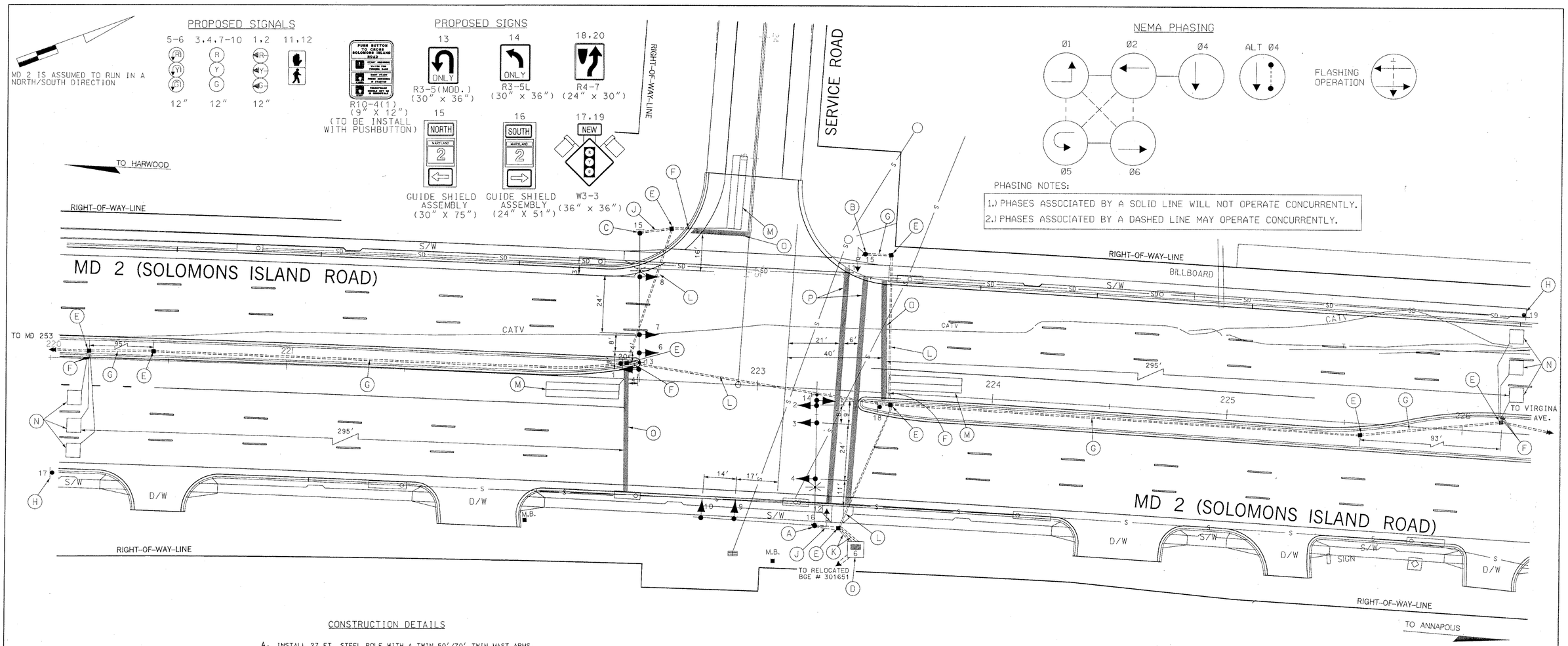


## CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH A TWIN 50'/70' TWIN MAST ARMS, SIGNAL HEADS, 15' LIGHTING ARM, 250 WATT HPS LAMP AND LUMINAIRE, PEDESTRIAN SIGNAL HEAD, PUSH BUTTON, AND SIGN AT STATION 223+25; RIGHT 59 FT. (NOTE: FOUR - 2" X 90" ANCHOR BOLTS AND ONE - 3 IN. PVC CONDUIT BEND).

B. INSTALL 10' BREAK-AWAY PEDESTAL POLE, PEDESTRIAN SIGNALS HEAD, AND SIGN AT STATION 223+45; LEFT 58 FT. (NOTE: FOUR - 1" X 40" ANCHOR BOLTS, ONE-2" PVC CONDUIT BEND).

C. INSTALL 27 FT. STEEL POLE WITH A 60' MAST ARM, SIGNAL HEADS, 15' LIGHTING ARM, 250 WATT HPS LAMP AND LUMINAIRE AT STATION 222+47, LEFT 61 FT. (NOTE: FOUR - 1¾" X 90" ANCHOR BOLTS, ONE-3" PVC CONDUIT BEND).

D. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH CONTROL AND DISTRIBUTION EQUIPMENT FOR UNDERGROUND ELECTRICAL SERVICE. (NOTE: TWO-2" SCHEDULE 80, TWO-4" SCHEDULE 80 PVC CONDUIT BENDS).

E. INSTALL HANDHOLE.

F. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT FOR A DETECTOR WIRE SLEEVE.

G. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT- TRENCHED.

H. INSTALL GROUND MOUNTED SIGN.

J. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

K. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

L. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED PRIOR TO THE INSTALLATION OF THE ROADWAY SURFACE COURSE

M. INSTALL 6 FT. X 30 FT. QUADRUPOLE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN ¼ IN. FLEXIBLE TUBING PRIOR TO ROADWAY SURFACE COURSE.

N. INSTALL 6 FT. X 6 FT. LOOP DETECTOR (4-TURNS) ENCASED IN ¼ IN. FLEXIBLE TUBING PRIOR TO THE INSTALLATION OF THE ROADWAY SURFACE COURSE.

O. INSTALL 24 IN. WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING TAPE (STOP LINE).

P. INSTALL 24 IN. WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING.

## GENERAL NOTES:

1. LOOP DETECTORS AND CONDUITS ARE TO BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
2. REFER TO SIGNING AND PAVEMENT MARKING, INTERCONNECT AND LANDSCAPE PLANS FOR ADDITIONAL DETAILS.
3. ALL PROPOSED TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.

## GEOMETRIC LEGEND

EXISTING
PROPOSED

## UTILITY LEGEND

| | |
|---|---|
| SD | STROM DRAIN |
| G | GAS MAIN |
| W | WATER MAIN |
| S | SEWER MAIN |
| E | ELECTRIC CABLES |
| A | AERIAL CABLES |
| T | TELEPHONE CABLES |

| REVISIONS | APPROVALS |
|---|---|
| | 10-28-99 PROJECT MANAGER/TEDD |
| | 10-28-99 ASST. TRAFFIC ENGINEERING DESIGN DIVISION for OAZ |
| | 10-28-99 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION |
| | 10-28-99 DIRECTOR, OFFICE OF TRAFFIC & SAFETY |

SABRA, WANG & ASSOCIATES, INC.
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SUITE 180
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(410) 737-8564

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

TRAFFIC SIGNALIZATION PLAN
# MD 2 (SOLOMONS ISLAND ROAD) AND SERVICE ROAD

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY: | M.A. MEARS | F.A.P. NO. | | TS NO. 3891 | SHEET NO. |
| CHECKED BY: | D. PETERS | S.H.A. NO. | | | |
| SCALE: | 1"= 20' | COUNTY: | ANNE ARUNDEL | T.I.M.S. NO. | OF |
| DATE: | OCTOBER, 1999 | LOG MILE: | 0200201 7.35 | | |