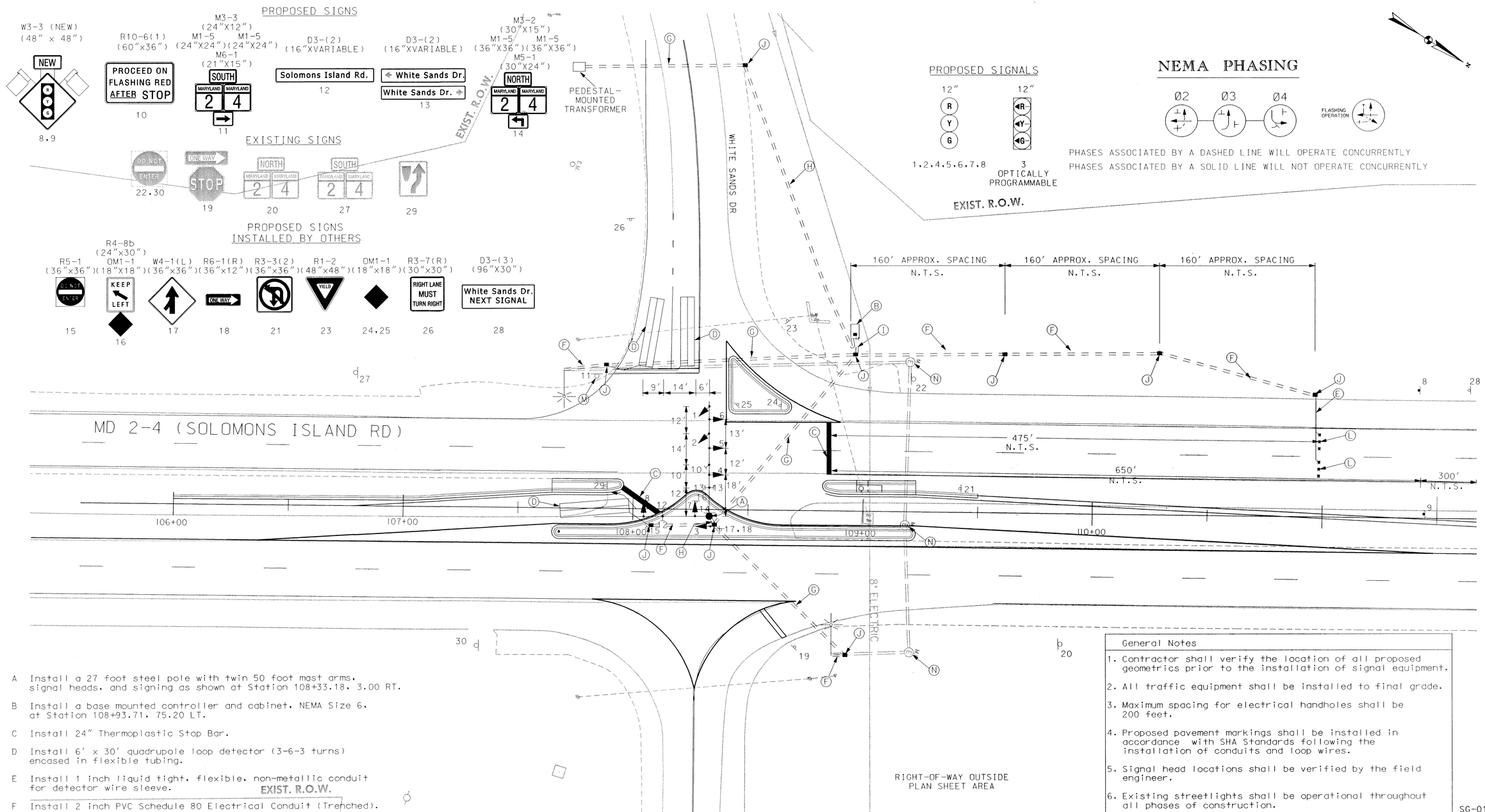


A Install a 27 foot steel pole with twin 50 foot mast arms, signal heads, and signing as shown at Station 108+33.18, 3.00 RT.

B Install a base mounted controller and cabinet, NEMA Size 6, at Station 108+93.71, 75.20 LT.

C Install 24" Thermoplastic Stop Bar.

D Install 6' x 30' quadrupole loop detector (3-6-3 turns) encased in flexible tubing.

E Install 1 inch liquid tight, flexible, non-metallic conduit for detector wire sleeve.

F Install 2 inch PVC Schedule 80 Electrical Conduit (Trenched).

G Install 3 inch PVC Schedule 80 Electrical Conduit (Pushed/Bored).

H Install 3 inch PVC Schedule 80 Electrical Conduit (Trenched).

I Install 4 inch PVC Schedule 80 Electrical Conduit (Trenched).

J Install Electrical Handhole.

L Install Microloop Probe Detector Set with 1000 foot lead-in cable.

M Remove Stop Sign at time of signal turn on. Retain post for proposed sign assembly # 11.

N Remove existing electric manhole.

## General Notes

1. Contractor shall verify the location of all proposed geometrics prior to the installation of signal equipment.
2. All traffic equipment shall be installed to final grade.
3. Maximum spacing for electrical handholes shall be 200 feet.
4. Proposed pavement markings shall be installed in accordance with SHA Standards following the installation of conduits and loop wires.
5. Signal head locations shall be verified by the field engineer.
6. Existing streetlights shall be operational throughout all phases of construction.

SG-01

| REVISIONS | APPROVALS |
|---|---|
| | 3-29-02 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION |
| | 4/2/02 ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION |
| | 4/3/02 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION |
| | 4/4 DIRECTOR, TRAFFIC & SAFETY |

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

MD 2-4 AT WHITE SANDS DRIVE

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY: | C.R.W. | F.A.P. NO. | SEE TITLE SHEET | TS NO. 4156 | SHEET NO. |
| CHECKED BY: | G.L.G. | S.H.A. NO. | CA4055176 | | |
| SCALE: | 1"= 20' | COUNTY: | CALVERT | T.I.M.S. NO. E994 | 17 OF 18 |
| DATE: | 3/26/02 | LOG MILE: | 02002008.75 | | |