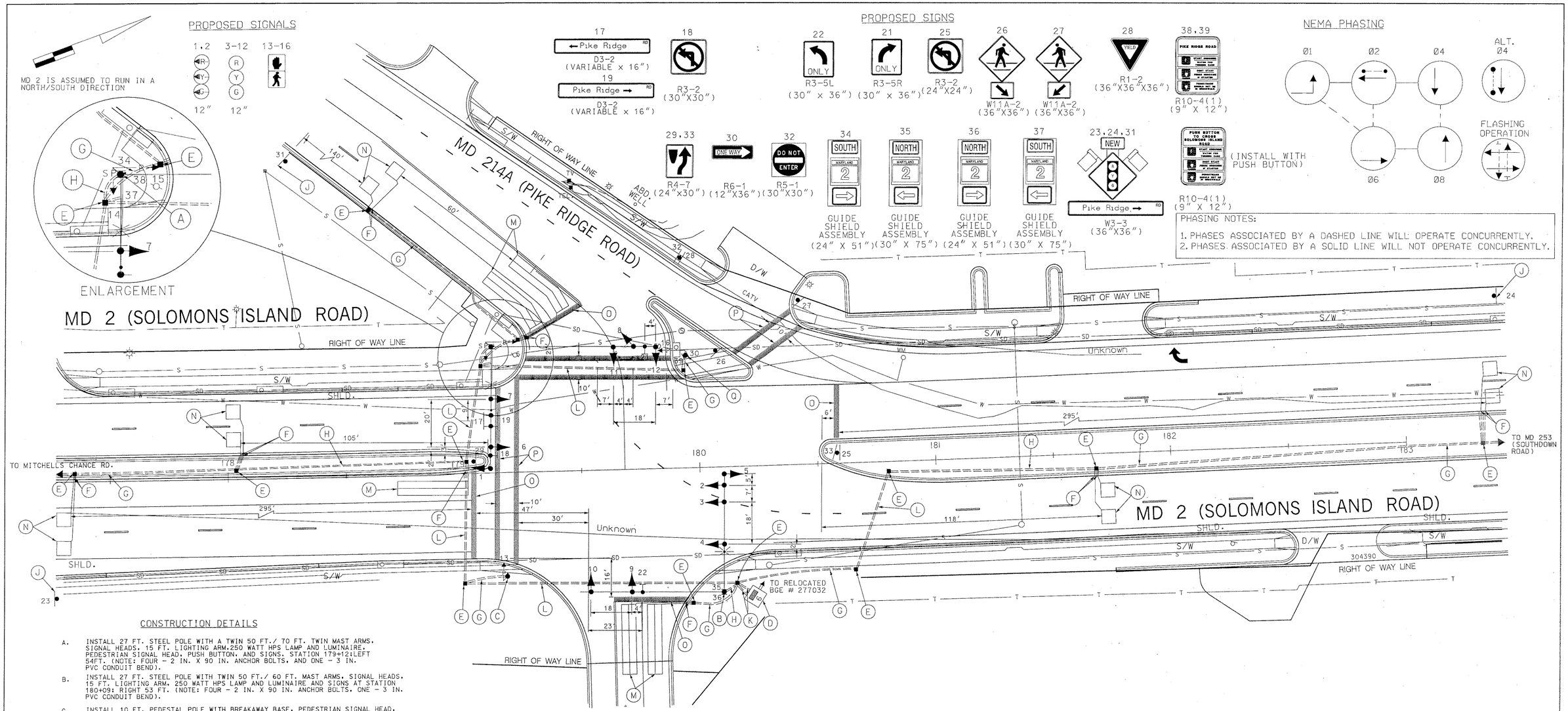

CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH A TWIN 50 FT./ 70 FT. TWIN MAST ARMS, SIGNAL HEADS, 15 FT. LIGHTING ARM,250 WATT HPS LAMP AND LUMINAIRE, PEDESTRIAN SIGNAL HEAD, PUSH BUTTON, AND SIGNS. STATION 179+12;LEFT 54FT. (NOTE: FOUR – 2 IN. X 90 IN. ANCHOR BOLTS, AND ONE – 3 IN. PVC CONDUIT BEND).

B. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT./ 60 FT. MAST ARMS, SIGNAL HEADS, 15 FT. LIGHTING ARM, 250 WATT HPS LAMP AND LUMINAIRE AND SIGNS AT STATION 180+09; RIGHT 53 FT. (NOTE: FOUR – 2 IN. X 90 IN. ANCHOR BOLTS, ONE – 3 IN. PVC CONDUIT BEND).

C. INSTALL 10 FT. PEDESTAL POLE WITH BREAKAWAY BASE, PEDESTRIAN SIGNAL HEAD, PUSH BUTTON AND SIGN AT STATION 179+19.5; RIGHT 44 FT. (NOTE: FOUR – 1 IN. X 40 IN. ANCHOR BOLTS, ONE – 2 IN. PVC CONDUIT BEND).

D. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH CONTROL AND DISTRUBTION EQUIPMENT FOR UNDERGROUND ELECTRICAL SERVICE AT STATION 180+21.5; RIGHT 55 FT. (NOTE: TWO – 2" IN. PVC SCHEDULE 80 AND TWO – 4 IN. PVC SCHEDULE 80 CONDUIT BENDS).

E. INSTALL HANDHOLE.

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

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

H. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT – TRENCHED.

J. INSTALL GROUND MOUNTED SIGN.

I. DELETED.

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 BASE.

M. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN 1/4 IN.FLEXIBLE TUBING.

N. INSTALL 6 FT. X 6 FT. LOOP DETECTOR ENCASED (4 TURNS) IN 1/4 IN. FLEXIBLE TUBING.

O. INSTALL 24 IN. WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.

P. INSTALL 12 IN. WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING.

Q. INSTALL A 10 FT. PEDESTAL POLE WITH BREAKAWAY BASE, SIGNAL HEAD AND SIGNS AT STATION 179+96; LEFT 47.5 FT. (NOTE: ONE – 2IN. PVC SCHEDULE 80 CONDUIT BEND, AND FOUR – 1 IN. X 40 IN. ANCHOR BOLTS).

GENERAL NOTES:

1. THE LOOP DETECTORS AND CONDUIT ARE TO BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
2. REFER TO THE SIGNING AND PAVEMENT MARKING, INTERCONNECT AND LANDSCAPE PLANS FOR ADDITIONAL DETAILS.
3. ALL PROPOSED TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
4. HANDHOLES SHALL BE SPACED A MAXIMUM OF 200 FT. APART.

ULTIMATE SIGNAL

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

SABRA, WANG & ASSOCIATES, INC.
1506 JOH AVENUE
SUITE 180
BALTIMORE, MD 21227
(410) 737-6564

REVISIONS	APPROVALS
	ASST. TRAFFIC ENGINEERING DESIGN DIVISION 10-28-99
	ASST. DISTRICT ENGINEER, TRAFFIC 10-28-99
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 11/5/99
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

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

TRAFFIC SIGNALIZATION PLAN
MD 2 (SOLOMONS ISLAND ROAD) AND MD 214A (PIKE RIDGE ROAD)

DRAWN BY:	J. CHAVIS/M. MEARS	F.A.P. NO.		TS NO. 3890	SHEET NO.
CHECKED BY:	D. PETERS	S.H.A. NO.	AA5308II		
SCALE:	1"=20'	COUNTY:	ANNE ARUNDEL	T.I.M.S. NO.	OF
DATE:	OCTOBER, 1999	LOG MILE:	0200201 6.68		