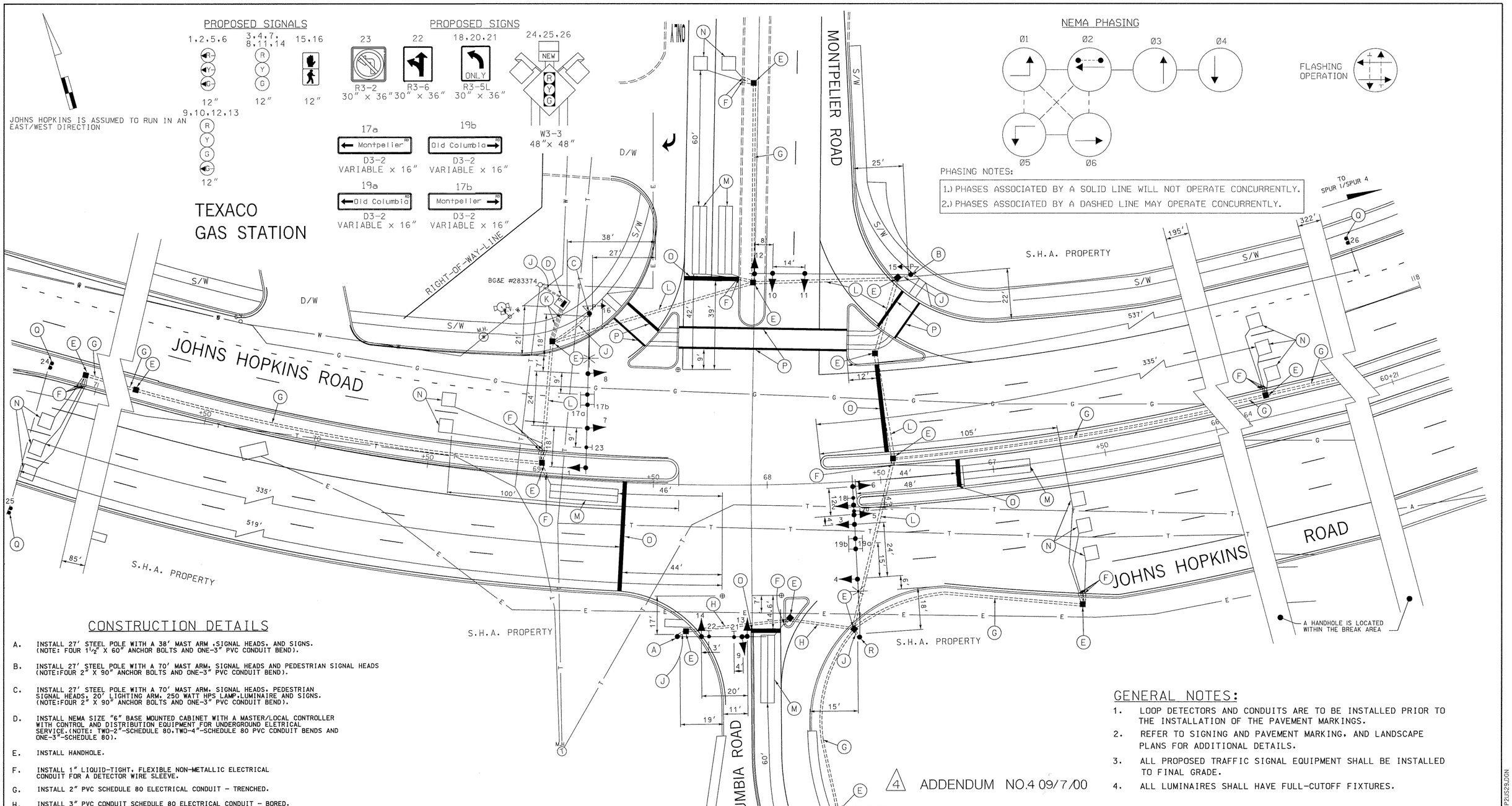

CONSTRUCTION DETAILS

A. INSTALL 27' STEEL POLE WITH A 38' MAST ARM ,SIGNAL HEADS, AND SIGNS. (NOTE: FOUR 1½" X 60" ANCHOR BOLTS AND ONE-3" PVC CONDUIT BEND).

B. INSTALL 27' STEEL POLE WITH A 70' MAST ARM, SIGNAL HEADS AND PEDESTRIAN SIGNAL HEADS (NOTE:FOUR 2" X 90" ANCHOR BOLTS AND ONE-3" PVC CONDUIT BEND).

C. INSTALL 27' STEEL POLE WITH A 70' MAST ARM, SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, 20' LIGHTING ARM, 250 WATT HPS LAMP,LUMINAIRE AND SIGNS. (NOTE:FOUR 2" X 90" ANCHOR BOLTS AND ONE-3" PVC CONDUIT BEND).

D. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET WITH A MASTER/LOCAL CONTROLLER WITH CONTROL AND DISTRIBUTION EQUIPMENT FOR UNDERGROUND ELETRICAL SERVICE.(NOTE: TWO-2"-SCHEDULE 80,TWO-4"-SCHEDULE 80 PVC CONDUIT BENDS AND ONE-3"-SCHEDULE 80).

E. INSTALL HANDHOLE.

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

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

H. INSTALL 3" PVC CONDUIT SCHEDULE 80 ELECTRICAL CONDUIT - BORED.

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

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

L. INSTALL 4" PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.

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

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

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

P. INSTALL 12" WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING.

Q. INSTALL GROUND MOUNTED SIGN.

R. INSTALL 27' STEEL POLE WITH A 70' MAST ARM, SIGNAL HEADS, 20' LIGHTING ARM, 250 WATT HPS LAMP,LUMINAIRE AND SIGNS. (NOTE:FOUR 2" X 90" ANCHOR BOLTS AND ONE-3" PVC CONDUIT BEND).

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, AND LANDSCAPE PLANS FOR ADDITIONAL DETAILS.
3. ALL PROPOSED TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
4. ALL LUMINAIRES SHALL HAVE FULL-CUTOFF FIXTURES.

4 ADDENDUM NO.4 09/7/00

GEOMETRIC LEGEND

PROPOSED

UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES

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

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION 8-23-00
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION 8/25/00
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 8/25/00
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY 8/25/00

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

TRAFFIC SIGNALIZATION PLAN
JOHNS HOPKINS ROAD AND MONTPELIER ROAD/OLD COLUMBIA ROAD

DRAWN BY:	M.A. MEARS	F.A.P. NO.		TS NO. 3836A	SHEET NO.
CHECKED BY:	S. RENZI	S.H.A. NO.	H07415170		
SCALE:	1"= 20'	COUNTY:	HOWARD	T.I.M.S. NO. C-827	276 OF 320
DATE:	MAY, 2000	LOG MILE:			

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