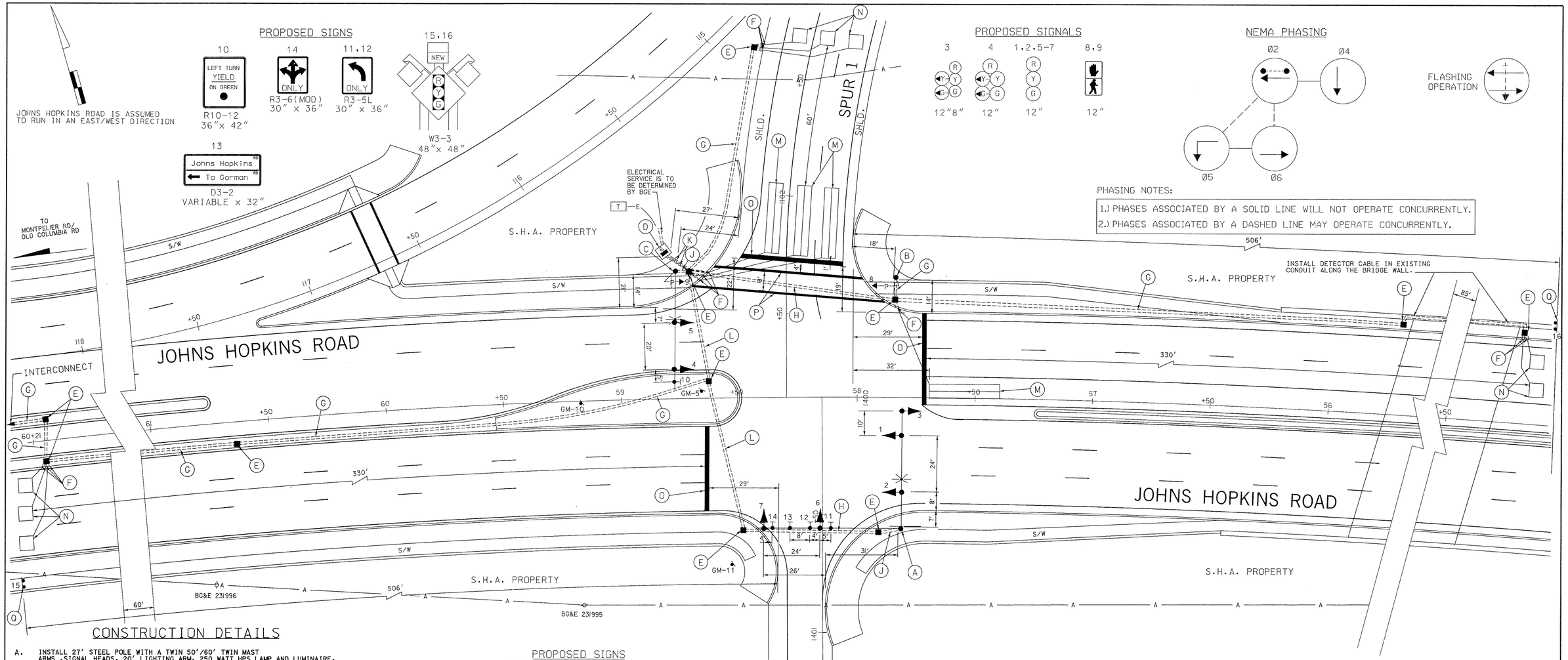

CONSTRUCTION DETAILS

A. INSTALL 27' STEEL POLE WITH A TWIN 50'/60' TWIN MAST ARMS ,SIGNAL HEADS, 20' LIGHTING ARM, 250 WATT HPS LAMP AND LUMINAIRE, AND SIGNS. (NOTE: FOUR 2" X 90" ANCHOR BOLTS, ONE-3" PVC CONDUIT BEND).

B. INSTALL 10' BREAK-AWAY PEDESTAL POLE, PEDESTRIAN SIGNAL HEADS AND SIGN (NOTE: FOUR - 1" X 40" ANCHOR BOLTS, ONE- 2" PVC CONDUIT BEND).

C. INSTALL 27' STEEL POLE WITH A 50' MAST ARM, SIGNAL HEADS,20' LIGHTING ARM, 250 WATT HPS LAMP AND LUMINAIRE (NOTE:FOUR 1¾" X 90" ANCHOR BOLTS, ONE-3" PVC CONDUIT BEND).

D. INSTALL NEMA SIZE "6" CONCRETE 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" 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 - TRENCHED PRIOR TO THE INSTALLATION OF THE FINAL ROADWAY BASE COURSE.

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 - TRENCHED PRIOR TO THE INSTALLATION OF THE ROADWAY BASE COURSE.

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 SIGNS.

PROPOSED SIGNS

REFERENCE FROM SIGNING AND MARKING PLANS TO BE INSTALLED BY OTHERS

GM-5: Johns Hopkins Road / TO Old Columbia Rd

GM-10: Old Columbia Road

GM-11: SOUTH 29

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.

GEOMETRIC LEGEND

EXISTING

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

4 ADDENDUM NO.4 09/7/00

REVISIONS	APPROVALS
	8-23-00 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	8/28/00 ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	8/28/00 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	8/29/00 DIRECTOR, OFFICE OF TRAFFIC & SAFETY

SABRA, WANG & ASSOCIATES, INC.
1506 JOH AVENUE
SUITE 150
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

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

TRAFFIC SIGNALIZATION PLAN

JOHNS HOPKINS ROAD AND SPUR 1/SPUR 4

DRAWN BY:	J ALLEN Jr.	F.A.P. NO.		TS NO. 3913	SHEET NO.
CHECKED BY:	S. RENZI 8/00	S.H.A. NO.	H074515170		
SCALE:	1"= 20'	COUNTY:	HOWARD	T.I.M.S. NO. C-827	274 OF 320
DATE:	MAY, 2000	LOG MILE:			

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