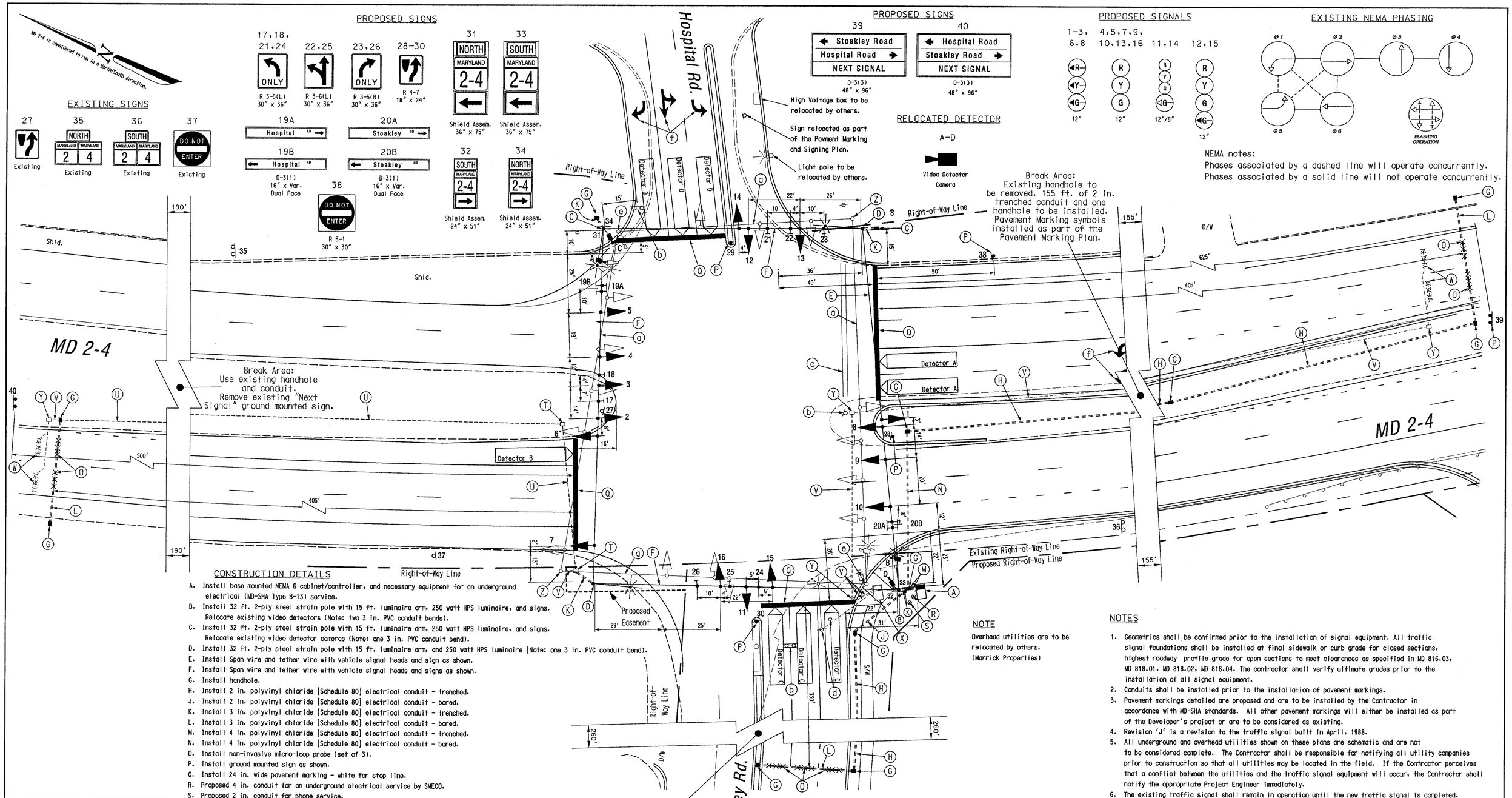

NEMA notes:
Phases associated by a dashed line will operate concurrently.
Phases associated by a solid line will not operate concurrently.

CONSTRUCTION DETAILS

A. Install base mounted NEMA 6 cabinet/controller, and necessary equipment for an underground electrical (MD-SHA Type B-13) service.
B. Install 32 ft. 2-ply steel strain pole with 15 ft. luminaire arm, 250 watt HPS luminaire, and signs. Relocate existing video detectors (Note: two 3 in. PVC conduit bends).
C. Install 32 ft. 2-ply steel strain pole with 15 ft. luminaire arm, 250 watt HPS luminaire, and signs. Relocate existing video detector cameras (Note: one 3 in. PVC conduit bend).
D. Install 32 ft. 2-ply steel strain pole with 15 ft. luminaire arm, and 250 watt HPS luminaire [Note: one 3 in. PVC conduit bend).
E. Install Span wire and tether wire with vehicle signal heads and sign as shown.
F. Install Span wire and tether wire with vehicle signal heads and signs as shown.
G. Install handhole.
H. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
J. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
K. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
L. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
M. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
N. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
O. Install non-invasive micro-loop probe (set of 3).
P. Install ground mounted sign as shown.
Q. Install 24 in. wide pavement marking - white for stop line.
R. Proposed 4 in. conduit for an underground electrical service by SMECO.
S. Proposed 2 in. conduit for phone service.
T. Use existing handhole.
U. Use existing conduit run.
V. Cap and abandon existing conduit run.
W. Abandon existing micro-loop probe.
X. Remove existing cabinet including concrete base.
Y. Remove existing handhole.
Z. Remove existing signal pole and all attached equipment including concrete base.
a. Remove existing span wire and all attached equipment.
b. Remove existing sign.
c. Remove existing stop line by grinding.
d. Utilities to be relocated by others.
e. Remove existing signal pole and all attached equipment including concrete base. Relocate video detector cameras.
f. Installed as part of the Pavement Marking and Signing Plan.

NOTE

Overhead utilities are to be relocated by others. (Marrick Properties)

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All traffic signal foundations shall be installed at final sidewalk or curb grade for closed sections, highest roadway profile grade for open sections to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
2. Conduits shall be installed prior to the installation of pavement markings.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with MD-SHA standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
4. Revision 'J' is a revision to the traffic signal built in April, 1988.
5. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.
6. The existing traffic signal shall remain in operation until the new traffic signal is completed.

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

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

Revision "J"

The Traffic Group
The Traffic Group, Inc.
410-931-6600
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REVISIONS				
G Install exclusive NB and SB left turns on MD 2-4. S.H.A. No.:AW-104-501-585				April 7, 1996
WM	DJD	DAZ	BRK	TH
H Upgrade detection. S.H.A. No.:CA4865177				August, 2001
TMD	SWA			
J Rebuild traffic signal due to intersection improvements. S.H.A. No.:AW996W02				April 9, 2004
JES				

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)

MD 2-4 at Stoakley Rd./ Hospital Road

DRAWN BY:	Robert Ligon	F.A.P. NO.	N/A	TS NO. 1260J	SHEET NO.
CHECKED BY:	Robert Ligon	S.H.A. NO.	C 319X-000-585		
SCALE:	1" = 20'	COUNTY:	Calvert	T.I.M.S. NO. G200	1 OF 2
DATE:	April, 1988	LOG MILE:	04002021.52		

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