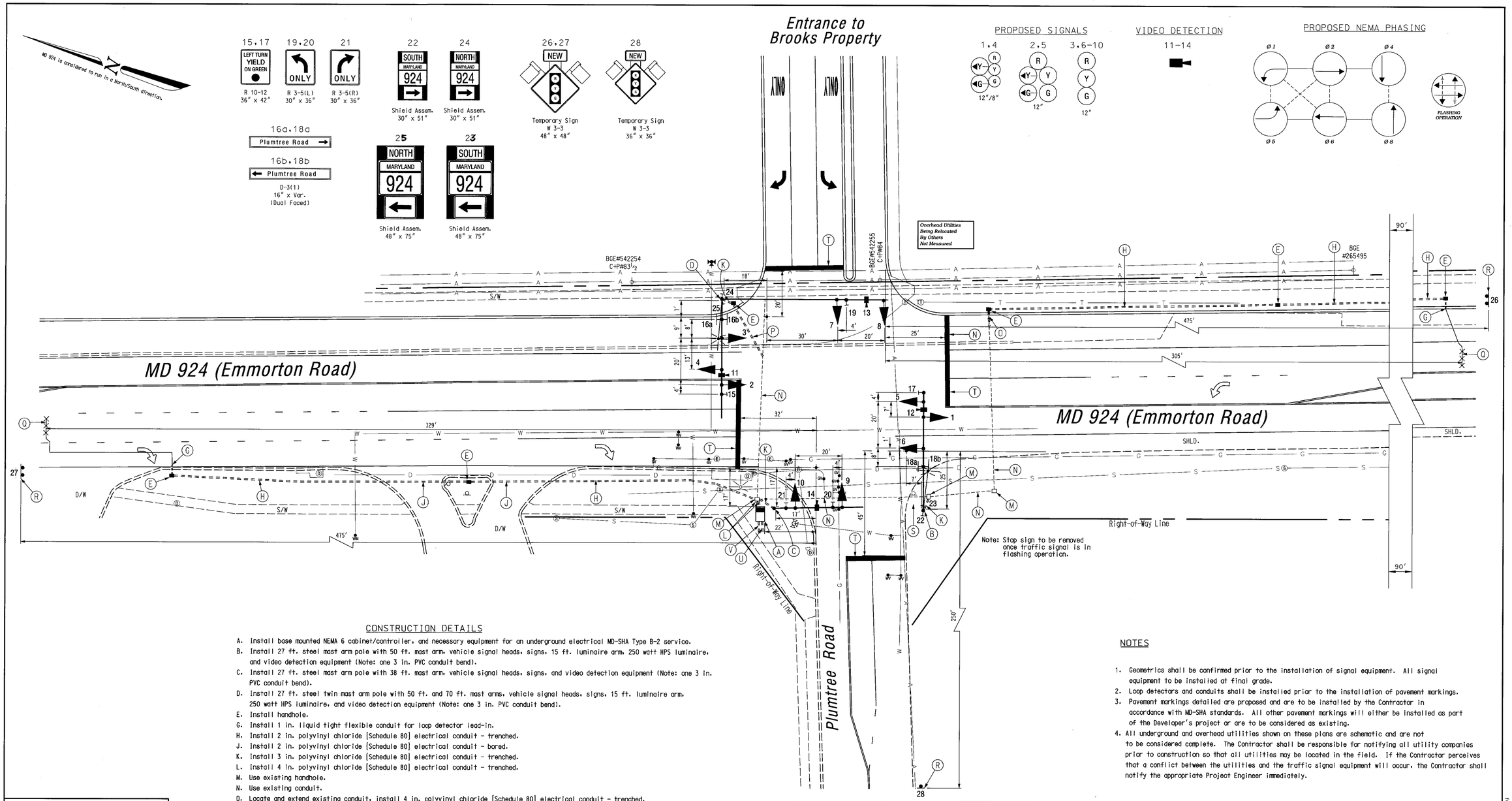

CONSTRUCTION DETAILS

A. Install base mounted NEMA 6 cabinet/controller, and necessary equipment for an underground electrical MD-SHA Type B-2 service.
B. Install 27 ft. steel mast arm pole with 50 ft. mast arm, vehicle signal heads, signs, 15 ft. luminaire arm, 250 watt HPS luminaire, and video detection equipment (Note: one 3 in. PVC conduit bend).
C. Install 27 ft. steel mast arm pole with 38 ft. mast arm, vehicle signal heads, signs, and video detection equipment (Note: one 3 in. PVC conduit bend).
D. Install 27 ft. steel twin mast arm pole with 50 ft. and 70 ft. mast arms, vehicle signal heads, signs, 15 ft. luminaire arm, 250 watt HPS luminaire, and video detection equipment (Note: one 3 in. PVC conduit bend).
E. Install handhole.
G. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
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 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
M. Use existing handhole.
N. Use existing conduit.
O. Locate and extend existing conduit, install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
P. Locate and extend existing conduit, install 30° elbow; 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
Q. Install mirco-loop probe (set of 3).
R. Install ground mounted sign as shown.
S. Remove existing ground mounted sign.
T. Install 24 in. wide pavement marking - white for stop line.
U. Proposed underground electrical service by BGE.
V. Install conduit for phone drop with Verizon.

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment to be installed at final grade.
2. Loop detectors and 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. 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.

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

The Traffic Group
The Traffic Group, Inc.
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REVISIONS

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION 1/8/02
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION 1/09/02
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 1/9/02
DIRECTOR, TRAFFIC & SAFETY 1/9/02

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

MD 924 (Emmorton Road) at Plumtree Road

DRAWN BY: Frank Hoeckel	F.A.P. NO. N/A	TS NO. 4063	SHEET NO.
CHECKED BY:	S.H.A. NO. BW996M82		
SCALE: 1" = 20'	COUNTY: Harford County	T.I.M.S. NO. E-355	1 OF 2
DATE: January 7, 2002	LOG MILE: 12092402.95		

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