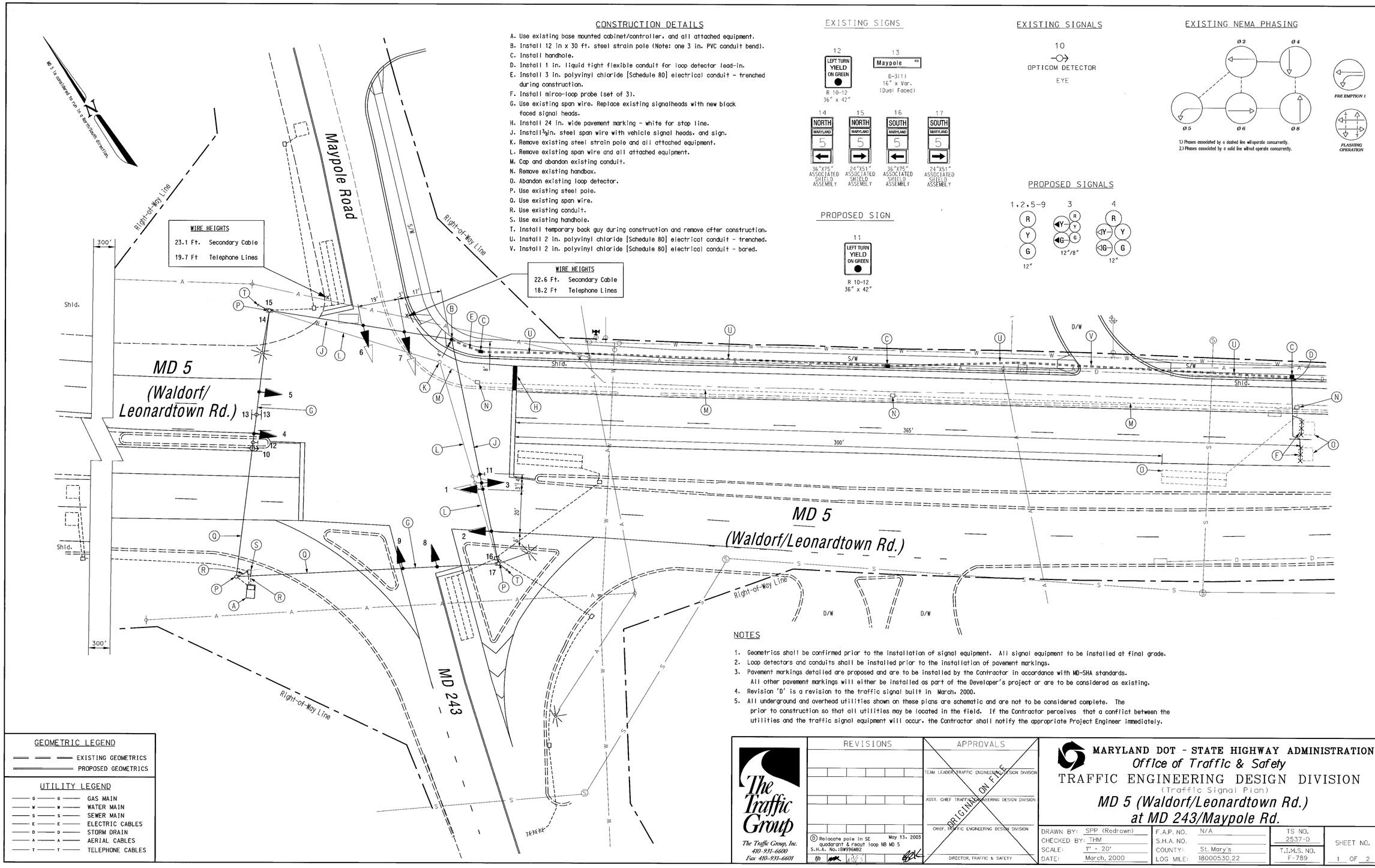

CONSTRUCTION DETAILS

A. Use existing base mounted cabinet/controller, and all attached equipment.
B. Install 12 in x 30 ft. steel strain pole (Note: one 3 in. PVC conduit bend).
C. Install handhole.
D. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
E. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched during construction.
F. Install mirco-loop probe (set of 3).
G. Use existing span wire. Replace existing signalheads with new black faced signal heads.
H. Install 24 in. wide pavement marking - white for stop line.
J. Install 3/8 in. steel span wire with vehicle signal heads, and sign.
K. Remove existing steel strain pole and all attached equipment.
L. Remove existing span wire and all attached equipment.
M. Cap and abandon existing conduit.
N. Remove existing handbox.
O. Abandon existing loop detector.
P. Use existing steel pole.
Q. Use existing span wire.
R. Use existing conduit.
S. Use existing handhole.
T. Install temporary back guy during construction and remove after construction.
U. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
V. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.

EXISTING SIGNS

12 — LEFT TURN YIELD ON GREEN — R 10-12 36" x 42"

13 — Maypole RD — D-3(1) 16" x Var. (Dual Faced)

14 — NORTH MARYLAND 5 — 36"X75" ASSOCIATED SHIELD ASSEMBLY

15 — NORTH MARYLAND 5 — 24"X51" ASSOCIATED SHIELD ASSEMBLY

16 — SOUTH MARYLAND 5 — 36"X75" ASSOCIATED SHIELD ASSEMBLY

17 — SOUTH MARYLAND 5 — 24"X51" ASSOCIATED SHIELD ASSEMBLY

PROPOSED SIGN

11 — LEFT TURN YIELD ON GREEN — R 10-12 36" x 42"

EXISTING SIGNALS

10 — OPTICOM DETECTOR — EYE

PROPOSED SIGNALS

1,2,5-9 — R, Y, G — 12"

3 — Y, G — 12"/8"

4 — R, Y, G — 12"

EXISTING NEMA PHASING

Ø2 Ø4 Ø5 Ø6 Ø8

FRE EMPTION 1

FLASHING OPERATION

1.) Phases associated by a dashed line will operate concurrently.
2.) Phases associated by a solid line will not operate concurrently.

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. Revision 'D' is a revision to the traffic signal built in March, 2000.
5. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The 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.
410-931-6600
Fax 410-931-6601

REVISIONS

(D) Relocate pole in SE quadrant & reout loop NB MD 5 — May 13, 2003
S.H.A. No.:BW996M82

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 5 (Waldorf/Leonardtown Rd.) at MD 243/Maypole Rd.

DRAWN BY:	SPP (Redrawn)	F.A.P. NO.	N/A	TS NO. 2537-D	SHEET NO.
CHECKED BY:	THM	S.H.A. NO.			
SCALE:	1" - 20'	COUNTY:	St. Mary's	T.I.M.S. NO. F-789	1 OF 2
DATE:	March, 2000	LOG MILE:	18000530.22		

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