PROPOSED SIGNS

17,19 — LEFT TURN YIELD ON GREEN — R 10-12, 36" x 42"

21 — ONLY — R 3-5(L), 30" x 36"

22 — R 3-6(L), 30" x 36"

23 — ONLY — R 3-5(R), 30" x 36"

24 — NO TURN ON RED — R 10-11(b), 30" x 30"

25 — WEST 26 EAST — M 95-1, 24" x 72"

26 — EAST 26 WEST — M 95-1, 24" x 72"

18,20 — Milford Mill AD — D-3(1), 16" x Var. (Dual Face)

EXISTING SIGNS - to be relocated

29,30

PROPOSED SIGNALS

1,4 — 12"

2,5 — 12"

3,6,8,10 — 12"

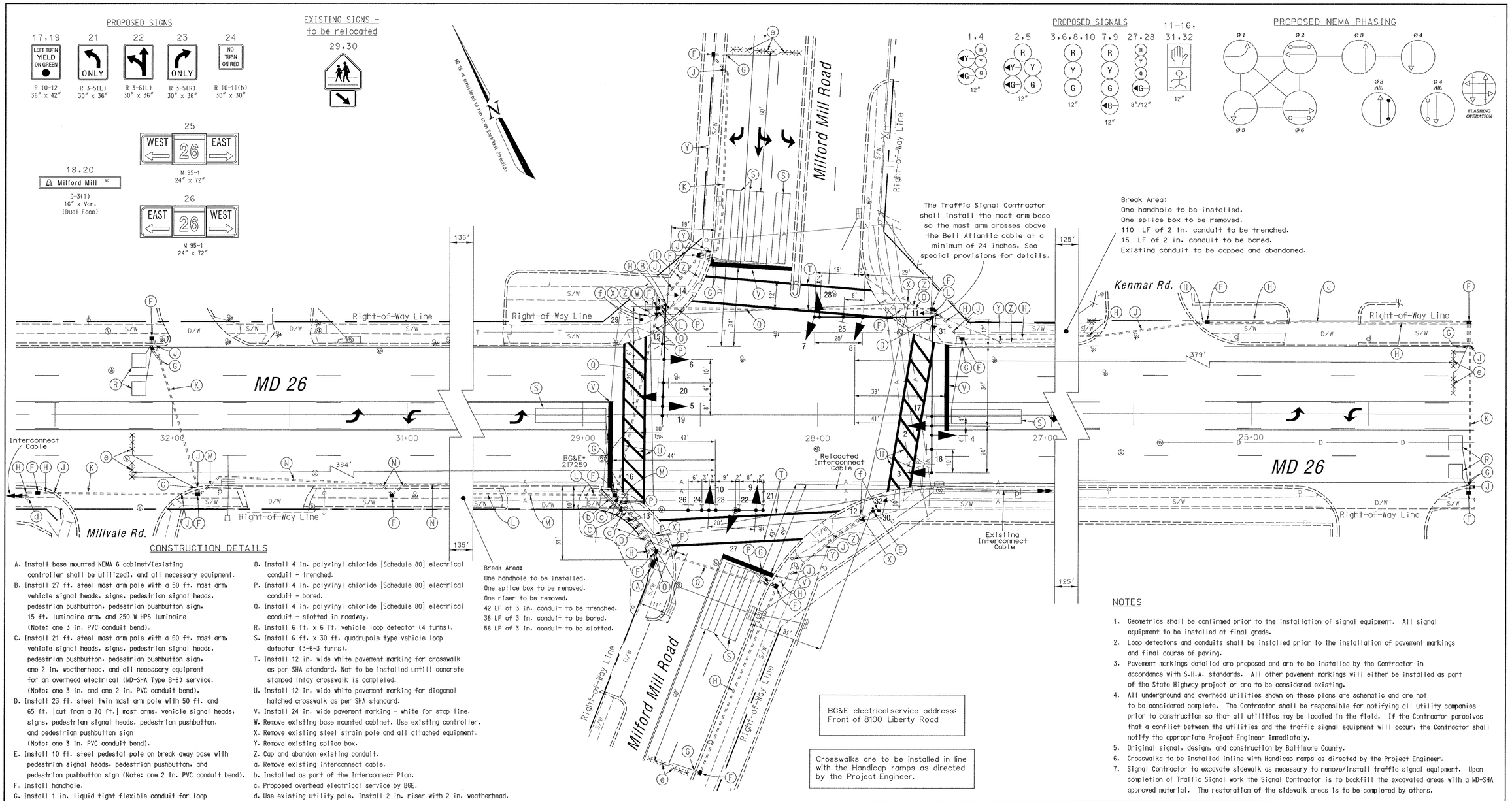
7,9 — 12"

27,28 — 8"/12"

11-16, 31,32 — 12"

PROPOSED NEMA PHASING

Ø1, Ø2, Ø3, Ø4, Ø5, Ø6, Ø3 Alt., Ø4 Alt., FLASHING OPERATION



CONSTRUCTION DETAILS

A. Install base mounted NEMA 6 cabinet/(existing controller shall be utilized), and all necessary equipment.
B. Install 27 ft. steel mast arm pole with a 50 ft. mast arm, vehicle signal heads, signs, pedestrian signal heads, pedestrian pushbutton, pedestrian pushbutton sign, 15 ft. luminaire arm, and 250 W HPS luminaire (Note: one 3 in. PVC conduit bend).
C. Install 21 ft. steel mast arm pole with a 60 ft. mast arm, vehicle signal heads, signs, pedestrian signal heads, pedestrian pushbutton, pedestrian pushbutton sign, one 2 in. weatherhead, and all necessary equipment for an overhead electrical (MD-SHA Type B-8) service. (Note: one 3 in. and one 2 in. PVC conduit bend).
D. Install 23 ft. steel twin mast arm pole with 50 ft. and 65 ft. [cut from a 70 ft.] mast arms, vehicle signal heads, signs, pedestrian signal heads, pedestrian pushbutton, and pedestrian pushbutton sign (Note: one 3 in. PVC conduit bend).
E. Install 10 ft. steel pedestal pole on break away base with pedestrian signal heads, pedestrian pushbutton, and pedestrian pushbutton sign (Note: one 2 in. PVC conduit bend).
F. 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 2 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
L. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
M. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
N. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
O. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
P. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
Q. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
R. Install 6 ft. x 6 ft. vehicle loop detector (4 turns).
S. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
T. Install 12 in. wide white pavement marking for crosswalk as per SHA standard. Not to be installed until concrete stamped inlay crosswalk is completed.
U. Install 12 in. wide white pavement marking for diagonal hatched crosswalk as per SHA standard.
V. Install 24 in. wide pavement marking - white for stop line.
W. Remove existing base mounted cabinet. Use existing controller.
X. Remove existing steel strain pole and all attached equipment.
Y. Remove existing splice box.
Z. Cap and abandon existing conduit.
a. Remove existing interconnect cable.
b. Installed as part of the Interconnect Plan.
c. Proposed overhead electrical service by BGE.
d. Use existing utility pole. Install 2 in. riser with 2 in. weatherhead.
e. Install microloop probe.
f. Relocate existing school sign from steel strain pole to new wood sign support.

BG&E electrical service address: Front of 8100 Liberty Road

Crosswalks are to be installed in line with the Handicap ramps as directed by the Project Engineer.

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 and final course of paving.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards. All other pavement markings will either be installed as part of the State Highway project or are to be considered 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.
5. Original signal, design, and construction by Baltimore County.
6. Crosswalks to be installed inline with Handicap ramps as directed by the Project Engineer.
7. Signal Contractor to excavate sidewalk as necessary to remove/install traffic signal equipment. Upon completion of Traffic Signal work the Signal Contractor is to backfill the excavated areas with a MD-SHA approved material. The restoration of the sidewalk areas is to be completed by others.

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

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

The Traffic Group
The Traffic Group, Inc.
410-931-6600
Fax 410-931-6601

REVISIONS

APPROVALS

1/3/00 — TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

1/3/00 — CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

1/4/00 — DIRECTOR, TRAFFIC & SAFETY

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

MD 26 at Milford Mill Road

DRAWN BY:	J.E.S.	F.A.P. NO.	SEE TITLE SHEET	TS NO.	SHEET NO.
CHECKED BY:		S.H.A. NO.	BA273A22	3969	
SCALE:	1" = 20'	COUNTY:	Baltimore	T.I.M.S. NO.	
DATE:	December 28, 1999	LOG MILE:	030026007.50	XXX	1 OF 8

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