EXISTING SIGNS

25,26
ONLY
R 3-5(R)
30" x 36"

28a,29a
Veirs Mill Road

28b,29b
Veirs Mill Road

D-3(1)
16" x Var.
[Dual Faced]

32-35
R 10-4(1)
9" x 12"
(Installed
With Pushbutton)

30
NO TURN ON RED
R 10-11b
24" x 24"

31
M
Metro
Existing Signs

EXISTING SIGNALS

1,2,5,6,9, 10,13,14 — 12"

3,4,7,8 11,12,15 — 12"

16 — 12"

17-24 — 12"

EXISTING NEMA PHASING

Ø1 Ø2 Ø3 Ø4
Ø5 Ø6 Ø7 Ø8

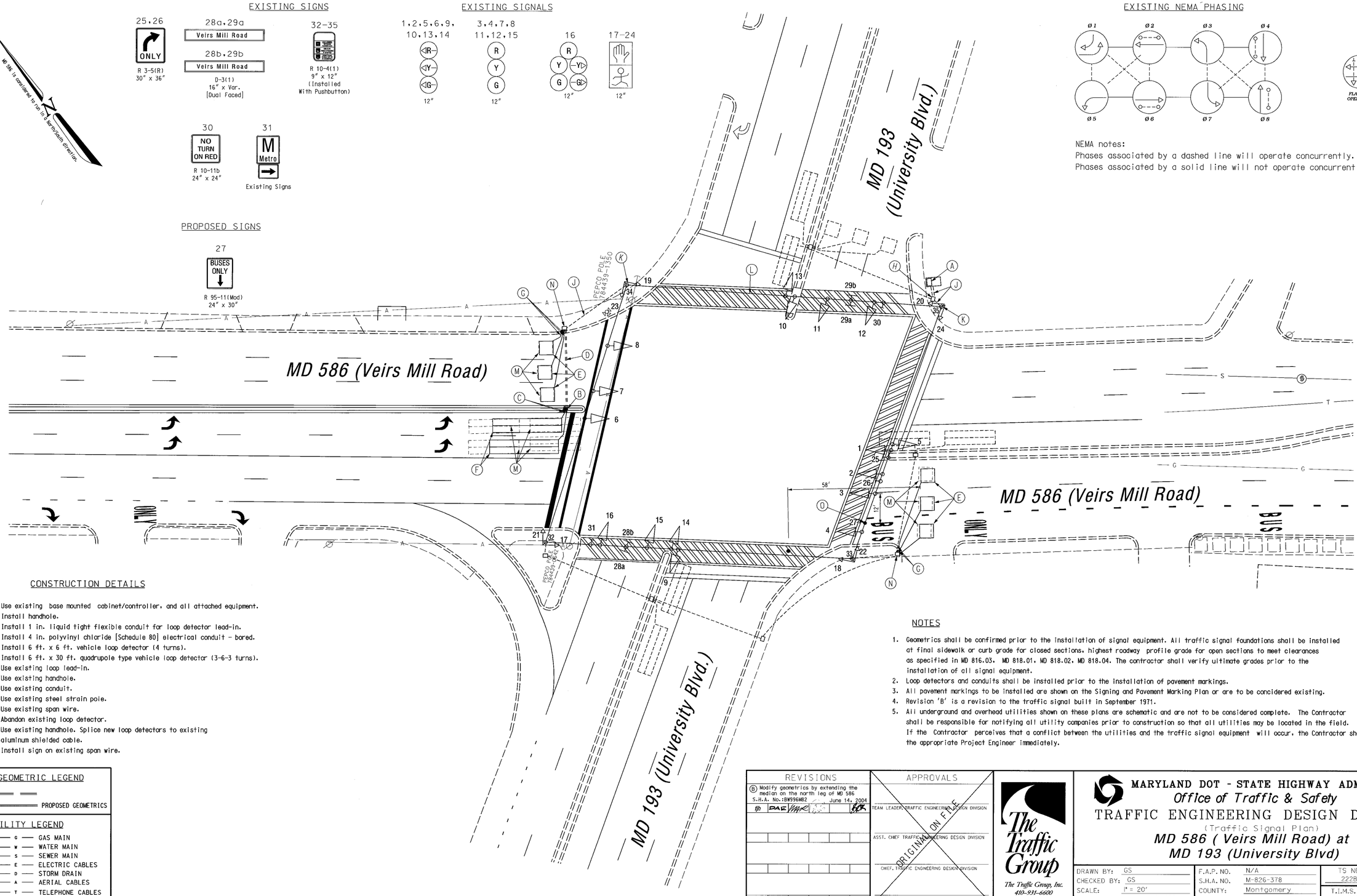
FLASHING OPERATION

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

MD 586 is considered to run in a North-South direction.

PROPOSED SIGNS

27
BUSES ONLY
R 95-11(Mod)
24" x 30"



CONSTRUCTION DETAILS

A. Use existing base mounted cabinet/controller, and all attached equipment.
B. Install handhole.
C. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
D. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
E. Install 6 ft. x 6 ft. vehicle loop detector (4 turns).
F. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
G. Use existing loop lead-in.
H. Use existing handhole.
J. Use existing conduit.
K Use existing steel strain pole.
L. Use existing span wire.
M. Abandon existing loop detector.
N. Use existing handhole. Splice new loop detectors to existing aluminum shielded cable.
O. Install sign on existing span wire.

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. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
3. All pavement markings to be installed are shown on the Signing and Pavement Marking Plan or are to be concidered existing.
4. Revision 'B' is a revision to the traffic signal built in September 1971.
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.

GEOMETRIC LEGEND

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

REVISIONS	APPROVALS
(8) Modify geometrics by extending the median on the north leg of MD 586 S.H.A. No.:BW996M82 June 14, 2004 fjh DAE	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

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

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)
MD 586 (Veirs Mill Road) at MD 193 (University Blvd)

DRAWN BY:	GS	F.A.P. NO.	N/A	TS NO. 222B	SHEET NO. 1 OF 8
CHECKED BY:	GS	S.H.A. NO.	M-826-378		
SCALE:	1" = 20'	COUNTY:	Montgomery	T.I.M.S. NO. G-383	
DATE:	August 2, 1997	LOG MILE:	150930.74		

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