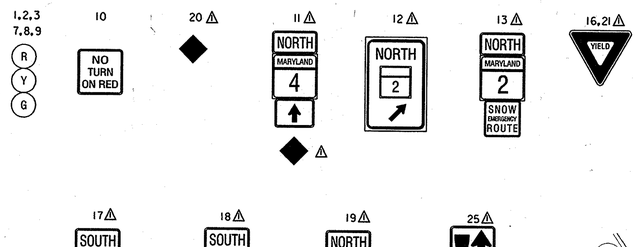
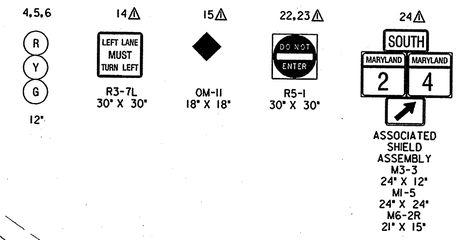
MD 4 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.

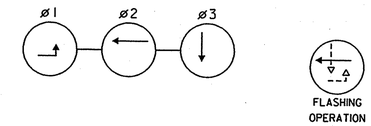
EXISTING SIGNS/SIGNALS



PROPOSED SIGNS/SIGNALS



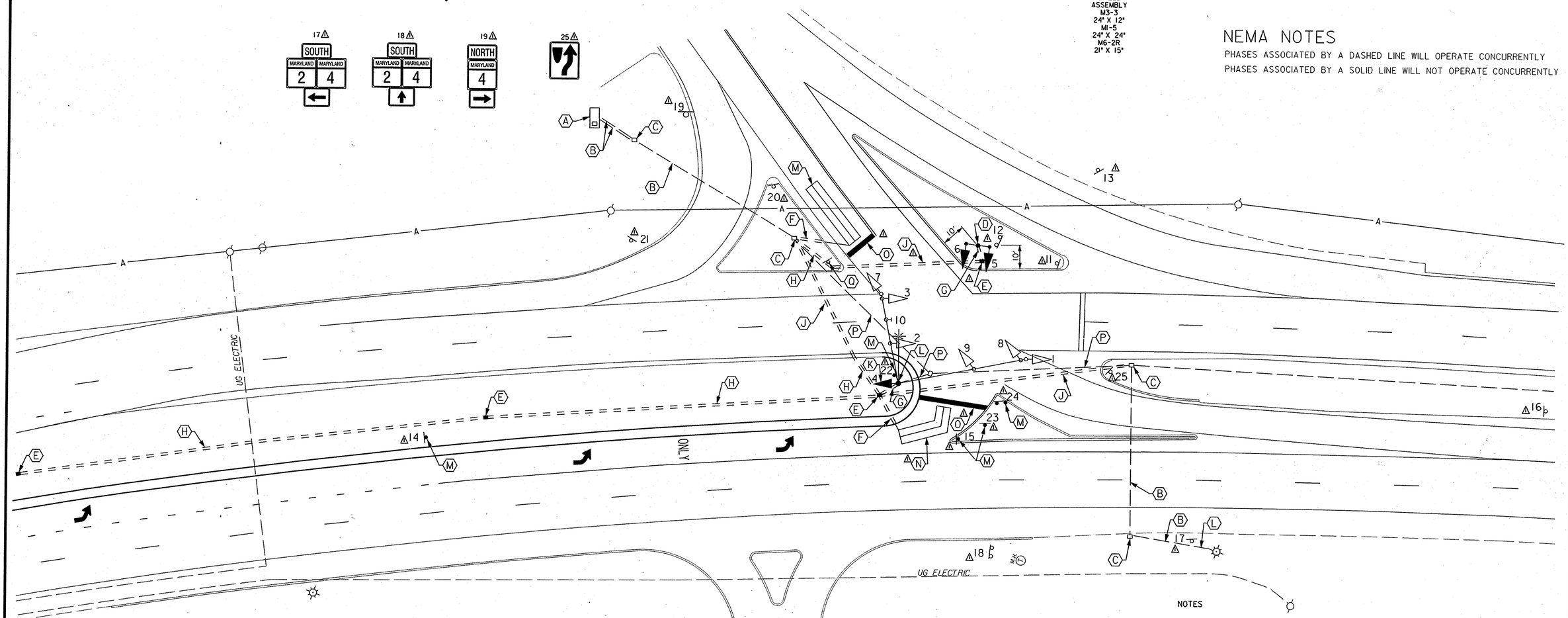
NEMA PHASING



NEMA NOTES

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



NOTES

1. ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED AND UNLESS OTHERWISE NOTED, ARE TO BE INSTALLED BY OTHERS IN ACCORDANCE WITH S.H.A. STANDARDS
2. "D.O." INDICATES A DELAY-OUTPUT LOOP DETECTOR

CONSTRUCTION DETAILS:

A. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
B. USE EXISTING CONDUIT.
C. USE EXISTING HANDHOLE.
D. INSTALL 14 FT. PEDESTAL POLE WITH 2 IN. ELBOW AND VEHICULAR SIGNAL HEADS.
E. INSTALL HANDHOLE.
F. INTSALL 1 IN. LIQUID TIGHT FLEXIBLE NON METALLIC CONDUIT FOR DETECTOR SLEEVE.
G. INSTALL 3 IN. (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED.
H. INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED.
J. INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-SLOTTED.
K. INSTALL PROPOSED SIGNAL ON POLE.
L. INSTALL NEW CABLE AND ROUTE TO CONTROLLER.
M. INSTALL GROUND MOUNTED SIGN.
N. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE (3-6-3) LOOP DETECTOR IN FLEXIBLE TUBING.
O. INSTALL 24 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR STOP LINE.
P. CAP AND ABANDON EXISTING CONDUIT.
⚠ O. REMOVE EXISTING GROUND MOUNTED SIGN.

UTILITY LEGEND

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

THE WILSON T. BALLARD CO.
CONSULTING ENGINEERS
OWINGS MILLS, MARYLAND

⚠ ADDENDUM NO. 1 2/10/03

REVISIONS	APPROVALS
(B) 12/2002 SIGNAL RECONSTRUCTION CA4085176	ORIGINAL
(A) ASBUILT	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ON
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	FILE
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

⚠ MD 4/ MD 2/ MD 262
GEOMETRIC IMPROVEMENTS

DRAWN BY:	MB	F.A.P. NO.	SEE TITLE SHEET	TS NO.	3531A-1
CHECKED BY:	PDU	S.H.A. NO.	AW-793- -585	T.I.M.S. NO.	
SCALE:	1"=20'	COUNTY:	CALVERT	SHEET NO.	18 OF 21
DATE:	DECEMBER 2002	LOG MILE:	04000228.94		

t:\MD4-MD262-\signal2.dgn
2/10/03 08:24
T:\PLOTS\TA\pentables\default-oce.tbl