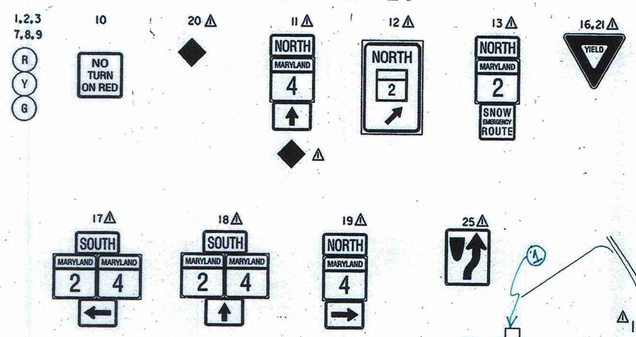
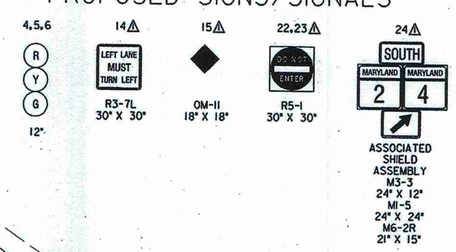
MD 4 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.

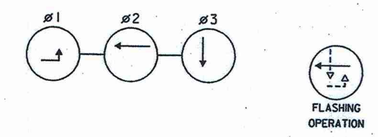
EXISTING SIGNS/SIGNALS



PROPOSED SIGNS/SIGNALS



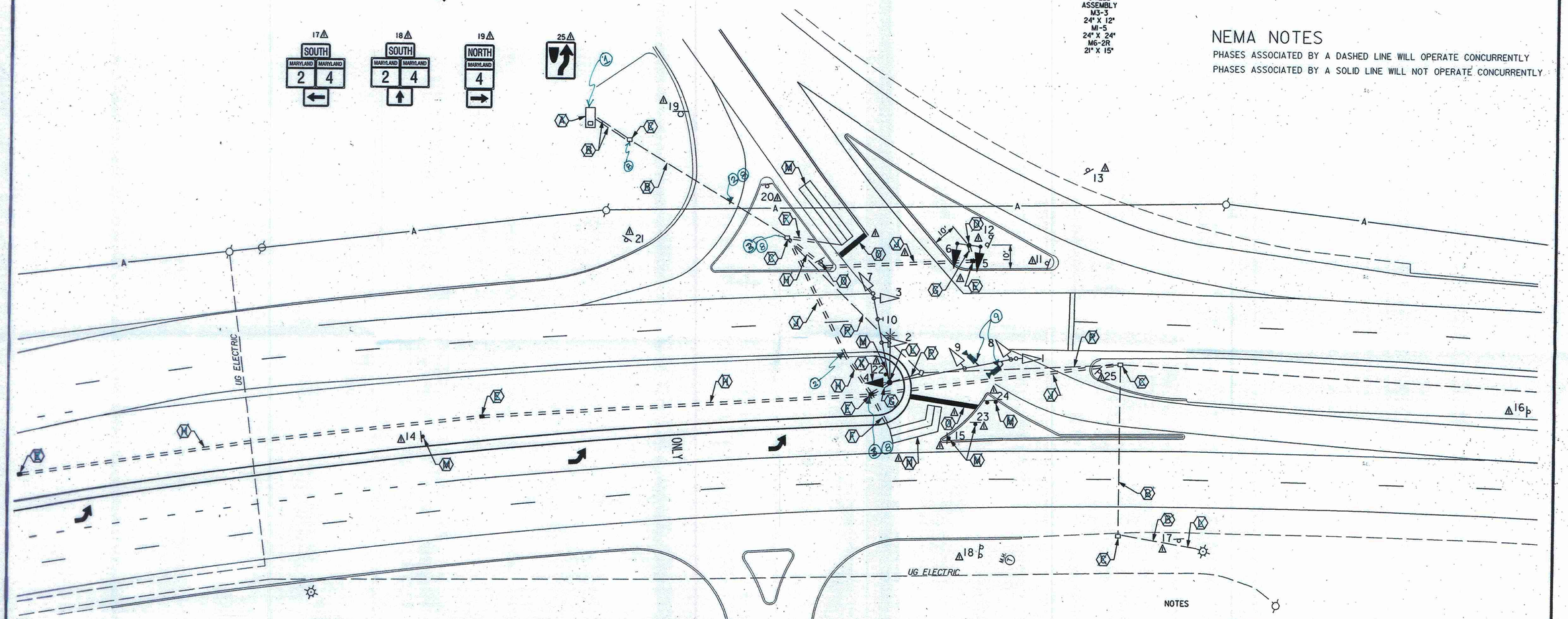
NEMA PHASING



NEMA NOTES

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS:

1. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
2. USE EXISTING CONDUIT.
3. USE EXISTING HANDHOLE.
4. F. & I. HANDHOLE.
5. F. & I. 3" PVC. CONDUIT BORED
6. F. & I. 3"PVC. CONDUIT TRENCHED.
7. F. & I. NON-INVASIVE PROBE SET.
8. REMOVE EXISTING UN-USED CABLE.
9. F. & I. VIDEO DETECTION CAMERA.
10. F. & I. 14' PEDSTAL POLE WITH 2" PVC. ELBOW IN BASE.
11. F. & I. 2" PVC. CONDUIT TRENCHED.
12. REMOVE & REROUTE THE CABLES.
13. RE-RING THE EXISTING SPAN WITH 4" RING.

TOD NO:XX356-07
SHA NO:AX885K53
DISTRICT 5 V. L.

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

ADDENDUM NO. 1 2/10/03

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

REVISIONS

B 12/2002 SIGNAL RECONSTRUCTION CA4085176

A ASBUILT

UPGRADE DETECTION WITH VIDEO AND NON-INVASIVE PROBE SET SHA NO. XX3565168 11/11/2003

APPROVALS

ORIGINAL

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		
SCALE:	1"=20'	COUNTY:	CALVERT	T.I.M.S. NO.	
DATE:	DECEMBER 2002	LOG MILE:	04000228.94	SHEET NO.	18 OF 21