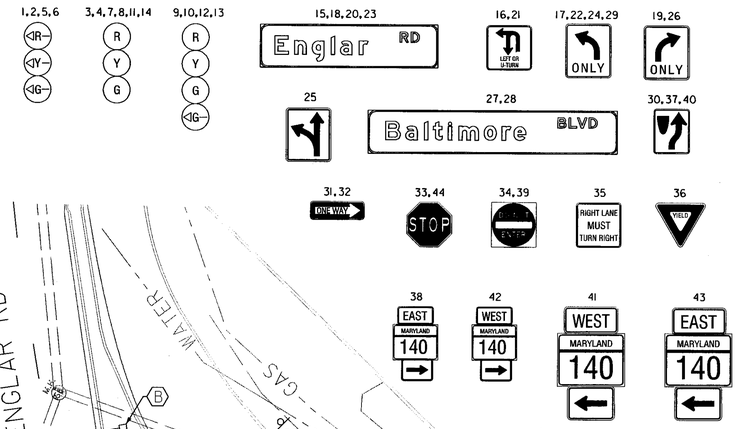
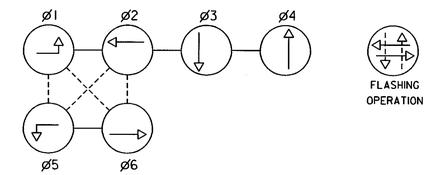
MD 140 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION.

EXISTING SIGNS/SIGNALS

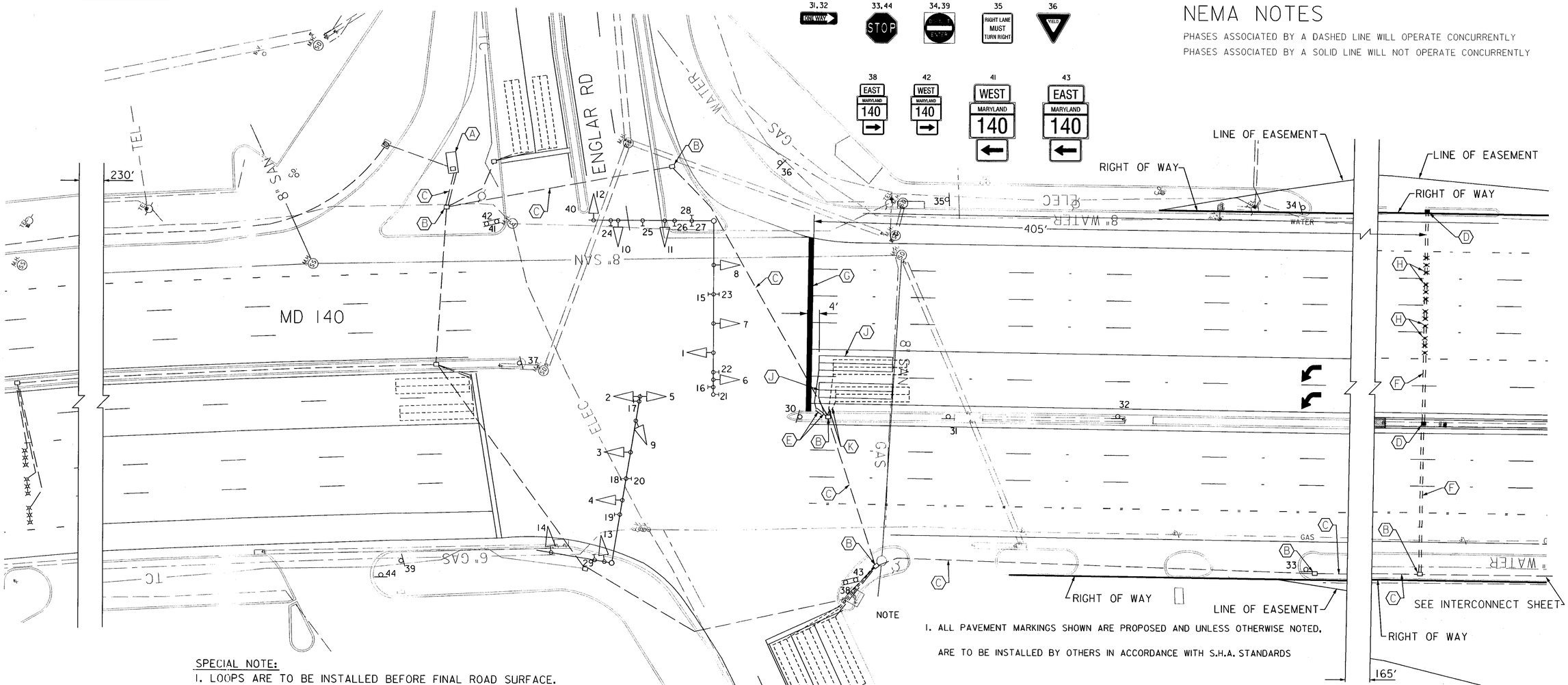


NEMA PHASING



NEMA NOTES

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



SPECIAL NOTE:
1. LOOPS ARE TO BE INSTALLED BEFORE FINAL ROAD SURFACE.

CONSTRUCTION DETAILS:

A. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
B. USE EXISTING HANDHOLE.
C. USE EXISTING CONDUIT.
D. INSTALL HANDHOLE.
E. INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON METALLIC CONDUIT FOR DETECTOR SLEEVE.
F. INSTALL 3 IN. (SCH 80) PVC ELECTRICAL CONDUIT-BORED.
G. INSTALL 24 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKINGS FOR STOP LINE.
H. INSTALL MICRO-LOOP NON INVASIVE PROBE SET WITH 1000 FT. LEAD IN.
J. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE (3-6-3) DETECTOR IN FLEXIBLE TUBING.
K. CAP AND ABANDON EXISTING CONDUIT.

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

2 ADDENDUM NO. 2
REPLACEMENT SHEET
05/29/03

PHASE 3 ULTIMATE

REVISIONS	APPROVALS
C 04/2003 INSTALL NEW MICRO-LOOP PROBE SETS DUE TO RECONSTRUCTION ON MD 140 SHA NO. CL8445170	ORIGINAL
CJS AWA	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
F 11/00 ASBUILT SHA NO. CL7935176	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
E 10/98 SIGNAL MODIFICATION FOR ROADWAY WIDENING SHA CONTRACT NO. CL7935175	ON
D 08/30/94 INSTALL SIGNS AND LOOPS FOR ENGLAR RD WIDENING SHA NO. BW-716-802-712	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	FILE
	DIRECTOR, TRAFFIC & SAFETY

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

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

REPLACEMENT OF BRIDGE NO. 6032 ON MD 140 OVER MD 27, WEST BRANCH AND MD MIDLAND RAILROAD BRIDGE NO. 6041 ON MD 140 OVER MD 97
MD 140 AT ENGLAR ROAD

DRAWN BY:	MB	F.A.P. NO.	SEE TITLE SHEET	TS NO.	1578-G
CHECKED BY:	RF	S.H.A. NO.	CL8445170		
SCALE:	1"=20'	COUNTY:	CARROLL	T.I.M.S. NO.	SHEET NO.
DATE:	APRIL 2003	LOG MILE:	060:4009.62		239 OF 282

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5/9/03 MB
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