PROPOSED SIGNS/SIGNALS

1,2,4,5 [3]

R
Y
G

12"

8 [3]

NO TURN ON RED

R10-11B
24" X 30"

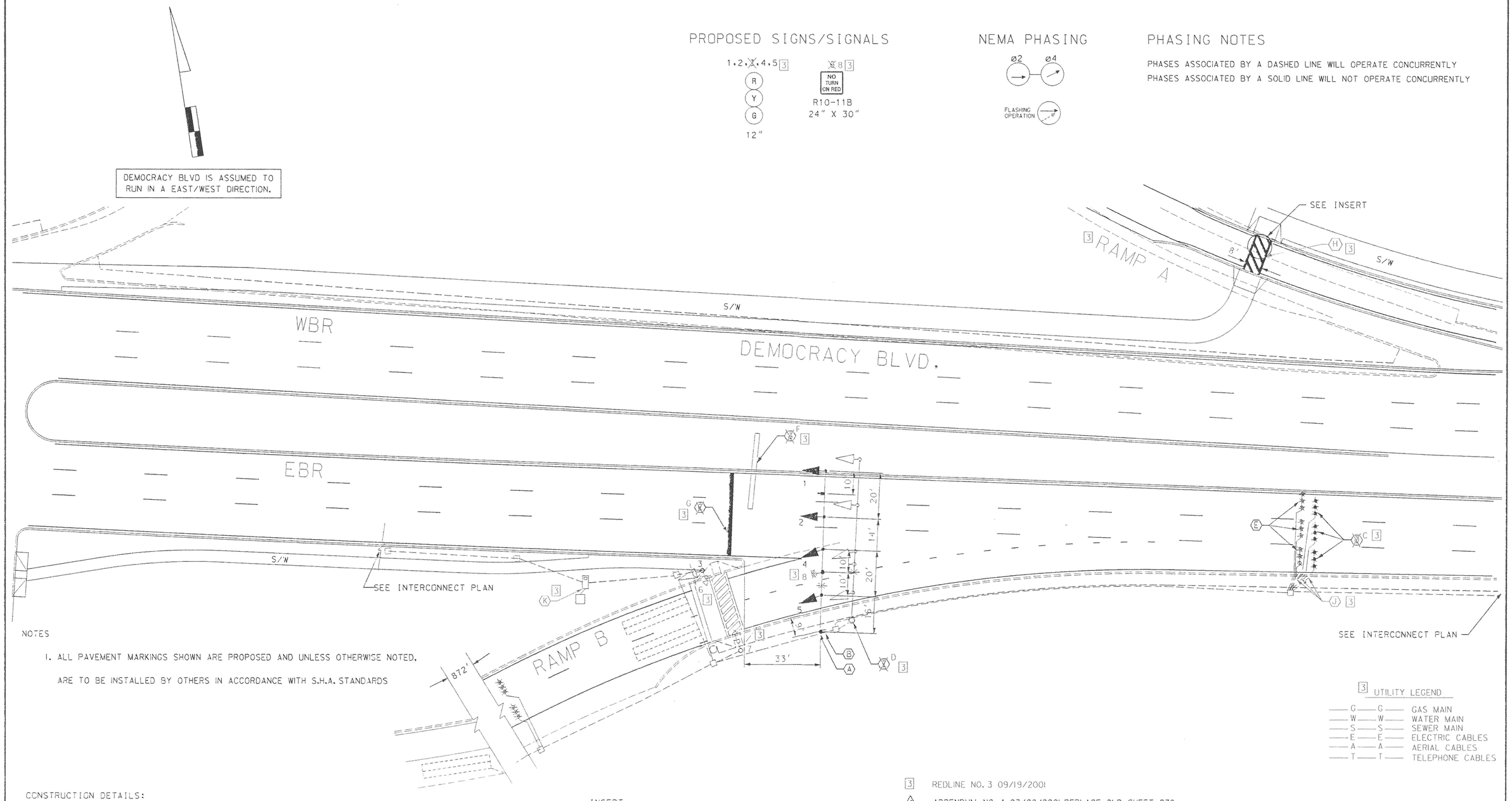
NEMA PHASING

Ø2 Ø4

FLASHING OPERATION

PHASING 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

[3] 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

CONSTRUCTION DETAILS:

A. INSTALL 27 FT. STEEL POLE WITH A 70 FT. MAST ARM, WITH TRAFFIC SIGNAL HEADS, VIDEO DETECTION, AND A 20 FT. LIGHTING ARM WITH 250 WATT HPS LAMP AND LUMINAIRE.
[3] B. INSTALL 3 IN. POLYVINYL CHLORIDE (SCH.80) ELECTRICAL CONDUIT -TRENCHED.
[3] G. INSTALL 24 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING TAPE FOR STOP LINE.
C. INSTALL MICRO-LOOP PROBE SET.
D. REMOVE EXISTING STEEL POLE.
E. REMOVE EXISTING MICRO-LOOP PROBE SET.
F. REMOVE EXISTING PAVEMENT MARKING.
[3] H. INSTALL 12 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING TAPE FOR CROSSWALK.
[3] J. INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
[3] K. USE EXISTING BASE MOUNTED CABINET.

INSERT

CROSSWALK DETAILS
(TYP)

[3] REDLINE NO. 3 09/19/2001

[4] ADDENDUM NO. 4 03/08/2001 REPLACE OLD SHEET 238

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

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	9/18/01 ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

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

I-270 WEST SPUR AT
DEMOCRACY BOULEVARDAND WESTLAKE TERRACE
DEMOCRACY BLVD AT RAMP B- ULTIMATE SIGNAL

DRAWN BY:	MB	F.A.P. NO.	SEE TITLE SHEET	[3] TS NO. ~~2155XB~~	SHEET NO.
CHECKED BY:	STB	S.H.A. NO.	MC9025172		
SCALE:	1"=20'	COUNTY:	MONTGOMERY	T.I.M.S. NO.	
DATE:	MARCH 2001	LOG MILE:	15Y27000.91	D 837	238 OF 296

TS 4932B