F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

NOTE : MD 650 IS INVENTORIED NORTHBOUND

SIGNALS

1,2,4,5 — 12"
3,6,7,8 — 12"
9–14 — 12"

SIGNALS 1, 4, AND 5 ARE PROPOSED

SIGNS 19, 23, 24, 28, 32, 34, 36, AND 38 ARE PROPOSED

SIGNS

15,21,25,29 — S2–1 30" x 30"

22,30 — M6–2(R) (inverted) 21" x 15"

16,26 — M6–2(L) (inverted) 21" x 15"

20 — NO TURN ON RED — R10–11b 30" x 30"

17a,b — Valley Brook Drive — D3–2 16" x VARIABLE DUAL FACE SIGN

19,28 — LEFT TURN YIELD ON GREEN — R 10-12 36"X42"

18,27 — R4–7 24" x 30"

24 — ONE WAY — R6–1(L) 36" x 12"

23 — ONE WAY — R6–1(R) 36" x 12"

31,33,35,37 — PUSH BUTTON WAIT FOR WALK SIGNAL — 9" x 12"

32,34,36,38 — R10–3c 9" x 12"

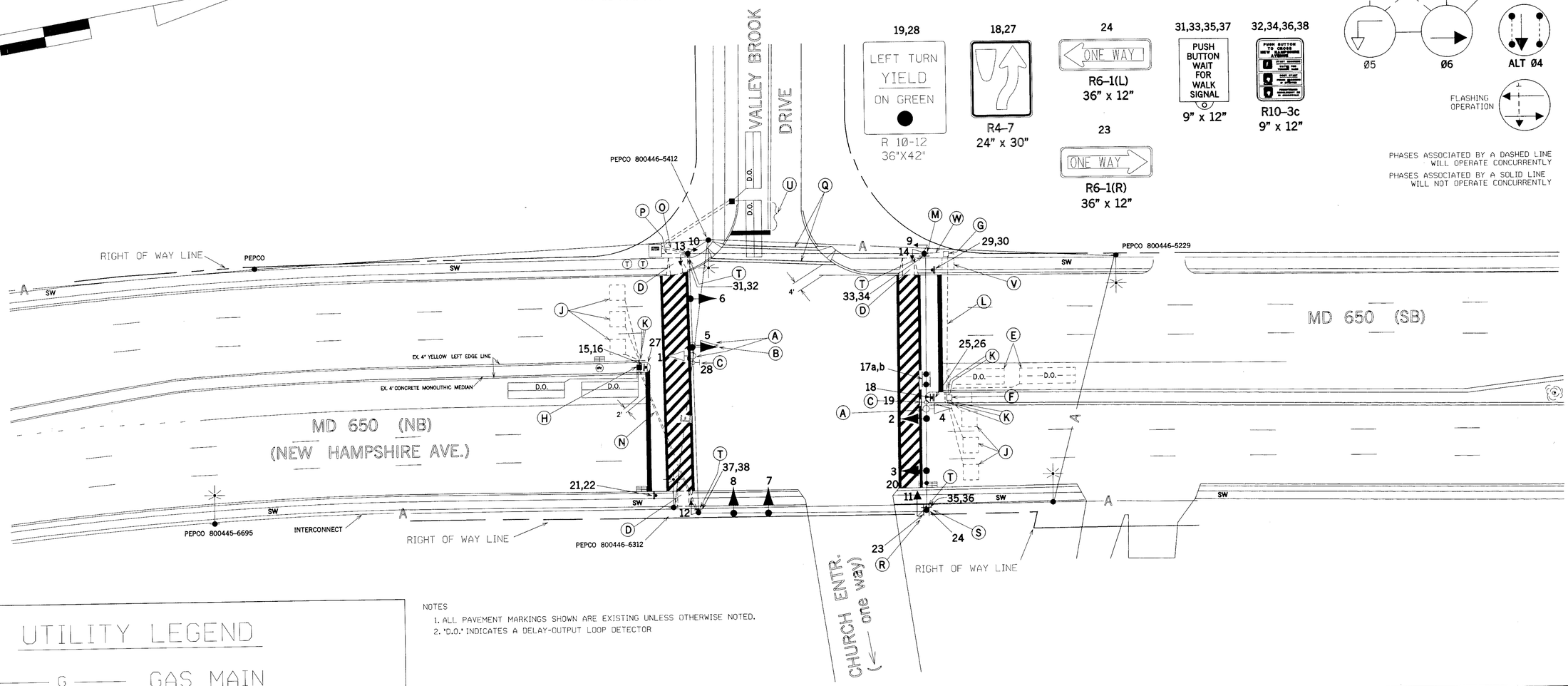
NEMA PHASING

Ø1 Ø2 Ø4
Ø5 Ø6 ALT Ø4

FLASHING OPERATION

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 EXISTING UNLESS OTHERWISE NOTED.
2. 'D.O.' INDICATES A DELAY-OUTPUT LOOP DETECTOR

UTILITY LEGEND

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

REVISIONS	APPROVALS	REVISIONS
B 4/2694 INST. SB MD 650 EP LEFT TURN TNW 1/14/99 TNW	CHIEF, DESIGN SECTION	
A 4/94 ASBUILT (Signal constructed prior to 1978) TNW	ASST. DISTRICT ENGINEER, TRAFFIC	
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
	DIRECTOR, TRAFFIC & SAFETY	

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

MD 650 and Valley Brook Drive /Church Entrance

LOG MILE 15065003.92

DRAWN BY: Tracy Wroe	F.A.P. NO. N/A	PLAN SHEET NO.: TS-3431B	SHEET NO. ___ OF ___
CHECK BY:	S.H.A. NO.		
SCALE: 1" = 20'	COUNTY Montgomery		

FH 39

15065003.92