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

SIGNS

22 — Lexington DR ‹ 001 — D3-2

23 — Lexington DR 001 › — D3-2

25 — R6-1L 36"X12" ONE WAY; M3-4 30"x15" WEST; M1-6 48"x36" MARYLAND 193; M6-1 30"x24" — 48"x75"

26,28 — ONLY — R3-5 30"X36"

27 — ⇦ University BLVD 001 › E — D3-2

29 — NO TURNS — R3-3 36"X36"

31,31A — NO TURN ON RED — R10-11B 24"X24"

47,48,49,50 — 48"X48" W3-3 NEW

35 — R6-1R 36"X12" ONE WAY; M3-2 30"x15" WEST; M1-6 48"x36" MARYLAND 193; M6-1 30"x24" — 48"x75"

39 — R3-1 36"X36"

34 — NO TURN ON RED — R10-11B 30"X30"

24,30,36 — ONLY ONE WAY — R6-1L 36"X12"

32 — R3-2 36"X36"

37 — R6-1L 36"X12" ONE WAY; M3-2 30"x15" EAST; M1-6 48"x36" MARYLAND 193; M6-1 30"x24" — 48"x75"

33 — University BLVD ‹ 001 E — D3-2

38 — ⇦ University BLVD ‹ 001 E — D3-2

40,41,42,43 — PUSH BUTTON TO CROSS UNIVERSITY BLVD; START CROSSING WATCH FOR TURNING CARS; DONT START FINISH CROSSING IF STARTED; PEDESTRIANS SHOULD NOT BE IN CROSSWALK — R10-3C 9"X12"

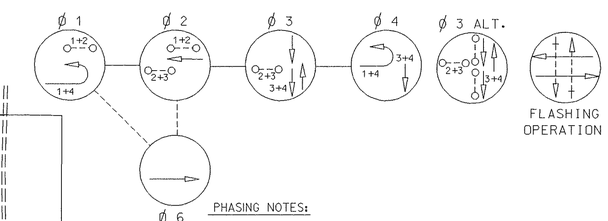
44,45,46 — START CROSSING WATCH FOR TURNING CARS; DONT START FINISH CROSSING IF STARTED; PEDESTRIANS SHOULD NOT BE IN CROSSWALK — R10-3C 9"X12"

SIGNALS

1-13 — R Y G — 12"

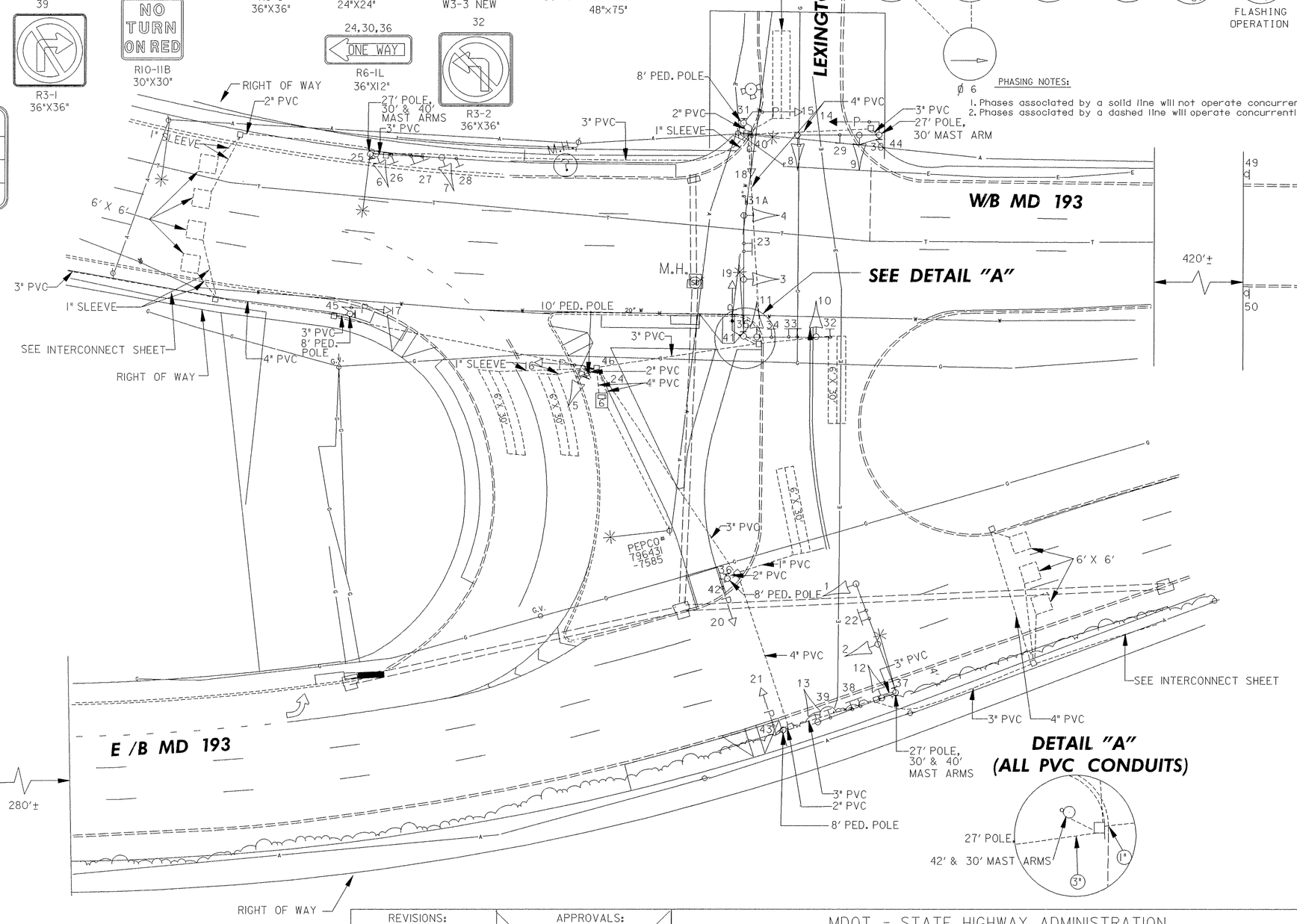
14-21 — 12"

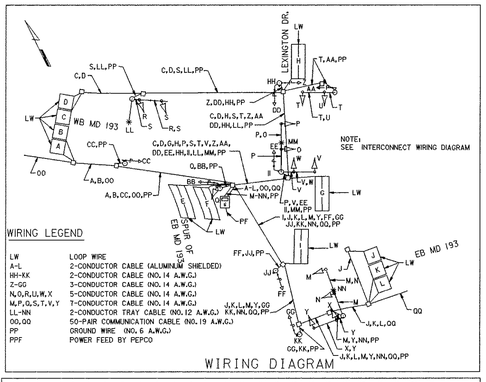
NEMA PHASING



PHASING NOTES:

1. Phases associated by a solid line will not operate concurrently
2. Phases associated by a dashed line will operate concurrently.





WIRING LEGEND

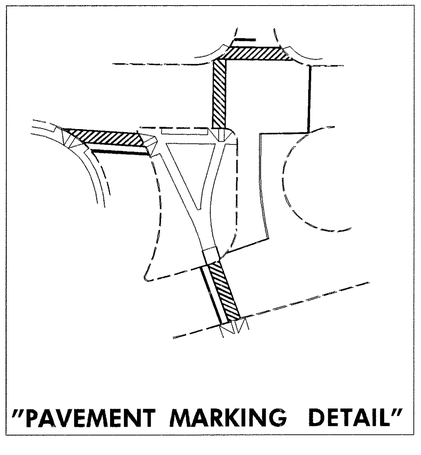
LW	LOOP WIRE
A-L	2-CONDUCTOR CABLE (ALUMINUM SHIELDED)
HH-KK	2-CONDUCTOR CABLE (NO.14 A.W.G.)
Z-GG	3-CONDUCTOR CABLE (NO.14 A.W.G.)
N,O,R,U,W,X	5-CONDUCTOR CABLE (NO.14 A.W.G.)
M,P,Q,S,T,V,Y	7-CONDUCTOR CABLE (NO.14 A.W.G.)
LL-NN	2-CONDUCTOR TRAY CABLE (NO.12 A.W.G.)
OO,QQ	50-PAIR COMMUNICATION CABLE (NO.19 A.W.G.)
PP	GROUND WIRE (NO.6 A.W.G.)
PPF	POWER FEED BY PEPCO

WIRING DIAGRAM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
	G	G	R	R	G	G	G	R	R	R	R	R	R	WK	WL	DW	DW	DW	DW	DW	DW
PHASE 1 & 6	G	G	R	R	G	G	G	R	R	R	R	R	R	WK	WL	DW	DW	DW	DW	DW	DW
PED. CLEAR.	G	G	R	R	G	G	G	R	R	R	R	R	R	WK	WL	DW	DW	DW	DW	DW	DW
1 & 6 CHANGE	Y	Y	Y	Y	R	R	R	R	R	R	R	R	R	WK	WL	DW	DW	DW	DW	DW	DW
PHASE 2 & 6	G	G	G	G	R	R	R	R	R	R	R	R	R	WK	WL	WK	WK	DW	DW	DW	DW
PED. CLEAR.	G	G	G	G	R	R	R	R	R	R	R	R	R	FL/DW	FL/DW	WK	WK	DW	DW	DW	DW
2 & 6 CHANGE	Y	Y	Y	Y	R	R	R	R	R	R	R	R	R	DW	DW	WK	WK	DW	DW	DW	DW
PHASE 3	R	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	WK	WK	DW	DW	DW	DW
PED. CLEAR	R	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	FL/DW	L/DW	DW	DW	DW	DW
3 CHANGE	R	R	R	R	R	R	R	Y	Y	Y	Y	G	G	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 3 ALT.	R	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	WK	WK	WK	WK	WK	WK
PED. CLEAR.	R	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	FL/DW	FL/DW	FL/DW	FL/DW	FL/DW	FL/DW
3 CHANGE	R	R	R	R	R	R	R	Y	Y	Y	Y	G	G	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 4	R	R	R	R	G	G	G	R	R	R	R	G	G	DW	DW	DW	DW	DW	DW	DW	DW
4 CHANGE	R	R	R	R	G	G	G	R	R	R	R	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK

* PHASE 3 IS SKIPPED 16 & 17 SHALL CLEAR UNDER PHASE 2 AND 14 & 15 REMAIN "WALK".
PHASE 3 SHALL ALWAYS PLACE ONE TIME CALL TO PHASE 4.

PHASING CHART



"PAVEMENT MARKING DETAIL"

UTILITY LEGEND

S	S	SEWER
T	T	TELEPHONE
W	W	WATER
G	G	GAS
E	E	ELECTRIC
A	A	AERIAL
I/C	I/C	INTERCONNECT

SABRA & ASSOCIATES, INC.
9881 BROKEN LAND PARKWAY
COLUMBIA, MD 21046

REVISIONS:
A 3/28/97 AS BUILT M 425-502-370

APPROVALS:
CHIEF SIGNAL DESIGN SECTION
ASST. DISTRICT ENGINEER TRAFFIC
CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION LOG MILE # 15019304.47

DRAWN BY: ZAJ
DES. BY: ZAJ
CHK. BY:

WB MD 193, SPUR OF EB MD 193
AND LEXINGTON DRIVE
SIGNAL PLAN
COUNTY: MONTGOMERY

DATE: SEPTEMBER, 1995 F.A.P. NO.
SCALE: 1"=20' S.H.A. NO. M 425-502-370

TS/STD. NO.: TS-3536-A

SHEET NO. ___ OF ___