F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD		1	1

MD 5 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION

EXISTING SIGNS

21,23,25,27,28 — LEFT TURN YIELD ON GREEN, R 10-12, 36"X42"

22 — Central Business District ←

24 — Central Business District →

26 — ONLY, R3-5, 30" x 36"

32 NORTH MARYLAND 5 ↑ | 36 SOUTH MARYLAND 5 ↑ | 29 BUSINESS MARYLAND 5 ← | NORTH MARYLAND 5 ↑ | NORTH MARYLAND 245 →

33 NORTH MARYLAND 245 ← | SOUTH MARYLAND 5 ↑ | BUSINESS MARYLAND 5 →

37 NORTH MARYLAND 5 ← | SOUTH MARYLAND 5 →

41 SOUTH MARYLAND 5 ← | NORTH MARYLAND 5 →

PROPOSED SIGNS

30,34,38,42 — W11-2A (36"X36") — M6-2R (21"X21")

31,35,39,40,43 — W11-2A (36"X36") — M6-2L (21"X21")

TO BE INSTALLED WITH PUSHBUTTON — PUSH BUTTON TO CROSS MD 5 — A. START CROSSING WHEN GREEN TURNING CARS. B. DON'T START CROSSING IF STARTED. C. PUSH BUTTONS SHOULD NOT BE CROSSED VALUE — R10-3C 9"X12"

PROPOSED SIGNALS

13,15,16,18-20 — 12"

EXISTING SIGNALS

1,4,7,10 — R 8", Y 8", G 8" — 12"

2,5,8,11 — R, Y, G — 12"

3,6,9,12 — R, Y, G — 12"

14,15,17,20 — 12"

NEMA PHASING

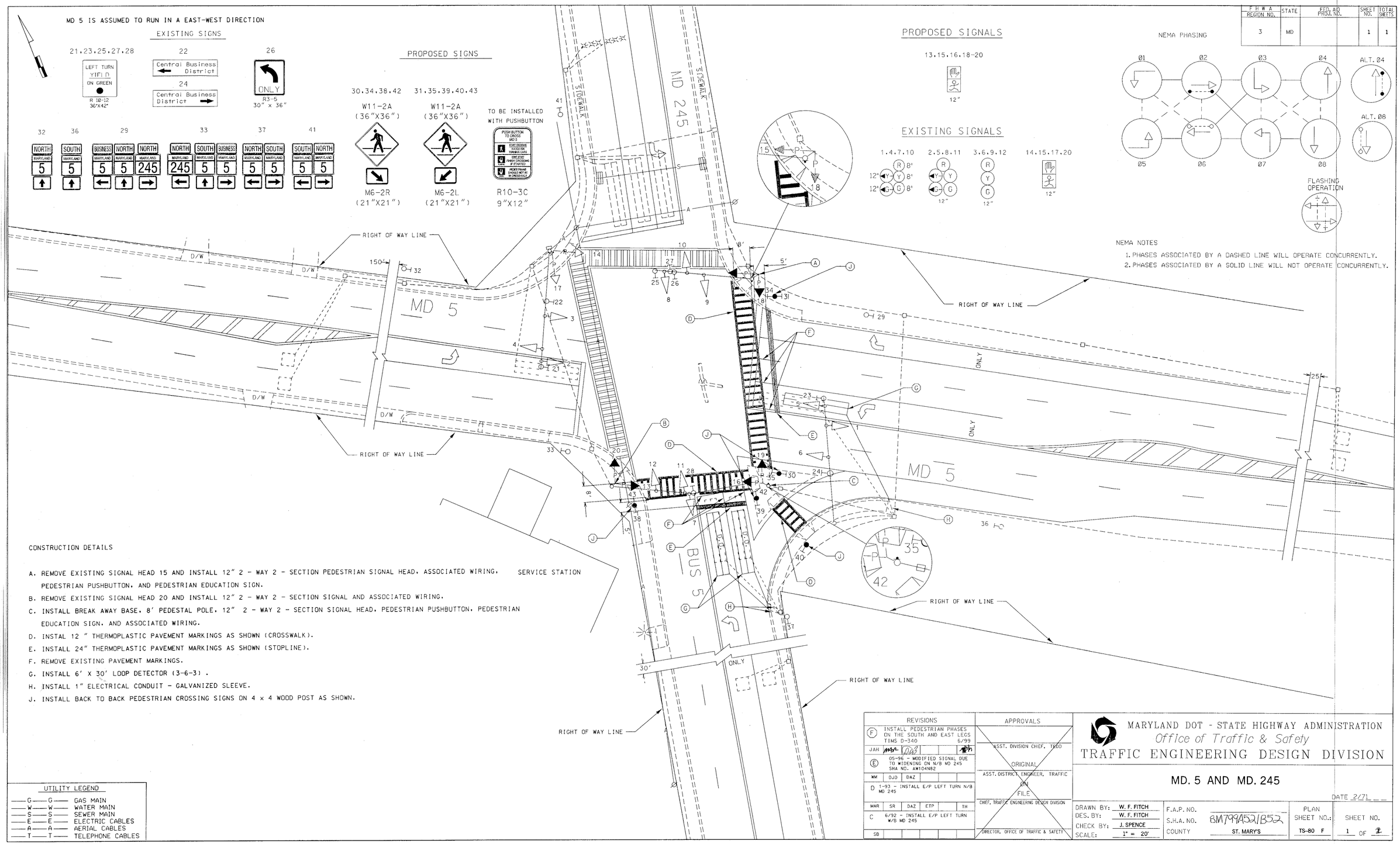
Ø1 Ø2 Ø3 Ø4 ALT. Ø4

Ø5 Ø6 Ø7 Ø8 ALT. Ø8

FLASHING OPERATION

NEMA NOTES

1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. REMOVE EXISTING SIGNAL HEAD 15 AND INSTALL 12" 2 - WAY 2 - SECTION PEDESTRIAN SIGNAL HEAD, ASSOCIATED WIRING, PEDESTRIAN PUSHBUTTON, AND PEDESTRIAN EDUCATION SIGN.

B. REMOVE EXISTING SIGNAL HEAD 20 AND INSTALL 12" 2 - WAY 2 - SECTION SIGNAL AND ASSOCIATED WIRING.

C. INSTALL BREAK AWAY BASE, 8' PEDESTAL POLE, 12" 2 - WAY 2 - SECTION SIGNAL HEAD, PEDESTRIAN PUSHBUTTON, PEDESTRIAN EDUCATION SIGN, AND ASSOCIATED WIRING.

D. INSTAL 12 " THERMOPLASTIC PAVEMENT MARKINGS AS SHOWN (CROSSWALK).

E. INSTALL 24" THERMOPLASTIC PAVEMENT MARKINGS AS SHOWN (STOPLINE).

F. REMOVE EXISTING PAVEMENT MARKINGS.

G. INSTALL 6' X 30' LOOP DETECTOR (3-6-3) .

H. INSTALL 1" ELECTRICAL CONDUIT - GALVANIZED SLEEVE.

J. INSTALL BACK TO BACK PEDESTRIAN CROSSING SIGNS ON 4 x 4 WOOD POST AS SHOWN.

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

REVISIONS					
F	INSTALL PEDESTRIAN PHASES ON THE SOUTH AND EAST LEGS TIMS D-340 6/99				
JAH					
E	05-96 - MODIFIED SIGNAL DUE TO WIDENING ON N/B MD 245 SHA NO. AW104482				
WM	DJD	DAZ			
D	1-93 - INSTALL E/P LEFT TURN N/B MD 245				
MAR	SR	DAZ	ETP		TH
C	6/92 - INSTALL E/P LEFT TURN W/B MD 245				
SB					

APPROVALS

ASST. DIVISION CHIEF, TEOD

ORIGINAL ON FILE

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD. 5 AND MD. 245

DATE 2/71

DRAWN BY: W. F. FITCH	F.A.P. NO.	PLAN SHEET NO.:	SHEET NO.
DES. BY: W. F. FITCH	S.H.A. NO. BM799A52/B52	TS-80 F	1 OF 1
CHECK BY: J. SPENCE	COUNTY ST. MARY'S		
SCALE: 1" = 20'			