MD 28 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNALS

8,12,15,16,19,20 — IR, IY, IG — 12"

17,18,21,22 — R, Y, G — 12"

23-30 — 12"

31,32,34,3537,38,41 — ONLY — R3-5(L) (30" X 36")

40 — ONLY — R3-5(R) (30" X 36")

EXISTING SIGNS

33,36 — SHADY GROVE RD — D3-2 (VAR. X 16")

39,42 — KEY WEST AVENUE — D3-2 (VAR. X 16")

EXISTING VIDEO DETECTION CAMERA

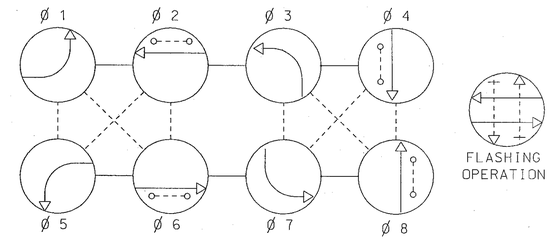
A

PROPOSED SIGNALS "BLACKFACED"

1,3,4,7,9 — IR, IY, IG — 12"

2,5,6,10,11,13,14 — R, Y, G — 12"

NEMA PHASING

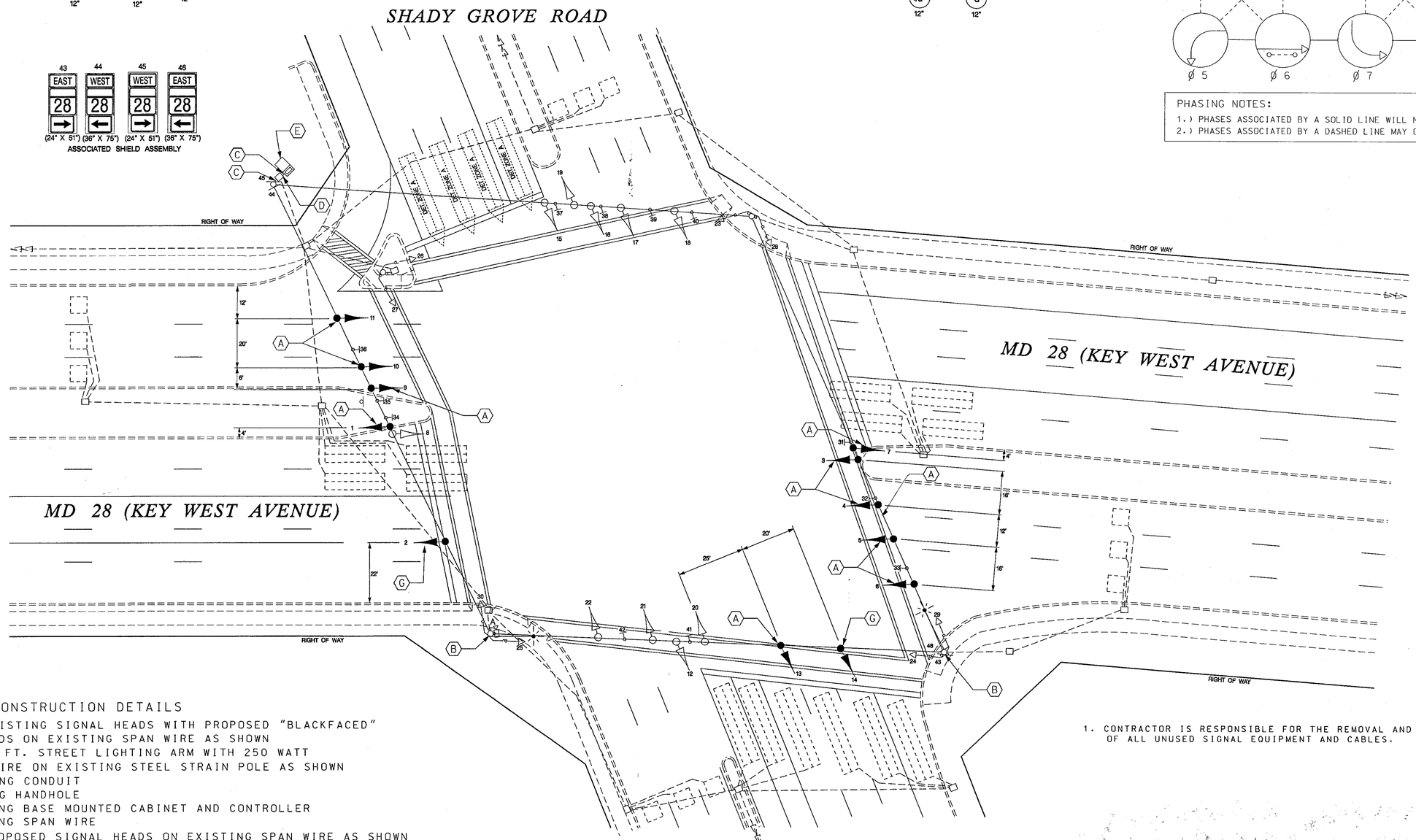


PHASING NOTES:

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

43 EAST 28 (24" X 51") — 44 WEST 28 (36" X 75") — 45 WEST 28 (24" X 51") — 46 EAST 28 (36" X 75")

ASSOCIATED SHIELD ASSEMBLY



CONSTRUCTION DETAILS

A. REPLACE EXISTING SIGNAL HEADS WITH PROPOSED "BLACKFACED" SIGNAL HEADS ON EXISTING SPAN WIRE AS SHOWN
B. INSTALL 15 FT. STREET LIGHTING ARM WITH 250 WATT HPS LUMINAIRE ON EXISTING STEEL STRAIN POLE AS SHOWN
C. USE EXISTING CONDUIT
D. USE EXISTNG HANDHOLE
E. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER
F. USE EXISTING SPAN WIRE
G. INSTALL PROPOSED SIGNAL HEADS ON EXISTING SPAN WIRE AS SHOWN

1. CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL UNUSED SIGNAL EQUIPMENT AND CABLES.

SHA#: MD328A5N/P6N JOB#: AT288-18

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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Suite E
Gambrills, MD 21054
(410) 923-7101
FAX (410) 923-6473 EMAIL TRACONCEPT@AOL.COM

REVISIONS

G — REPLACE MAINLINE SIGNAL HEADS WITH BLACKFACED AND INSTALL STREET LIGHTING AND NEAR SIDE SIGNAL HEADS
6/2004 — CONTRACT #AT2885185
MD | [illegible] | [illegible] | [illegible]

F — ADD PEDESTRIAN HEADS TO NOWN NEC OF INTERSECTION (SHADY GROVE)
1/2003 — CONTRACT #MD9355188
BJ | MAR | DAJ | BRK | | TH

E — CREATE DOUBLE LEFT ON W.B. MD 28; CREATE RIGHT TURN LANE N.B. SHADY GROVE RD.
10/22/2001 — SHA. NO. BW996M82
JES | KLM | MAR | DAJ | BRK | TH

D — MODIFY TRAFFIC SIGNAL HEADS AND LOOP DETECTOR N.B. MD 28
12/14/2000 — SHA. NO. BW996M82
FJH | MAR | DAJ | BRK | | TH

APPROVALS

ORIGINAL ON FILE

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

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
SIGNALIZATION PLAN
MD 28 (KEY WEST AVENUE) AND SHADY GROVE ROAD

DRAWN BY:	TEL	F.A.P. NO.		TS NO. 1189-G	SHEET NO. 1 OF 2
CHECKED BY:	BCM	S.H.A. NO.	BW-428-802-312		
SCALE:	1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. F-947	
DATE:	APRIL, 1991	LOG MILE:	16002801.94		