F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	CMG-125-1(14)		

NOTE: US 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

CONSTRUCTION DETAILS

A. Re-ring existing steel span wire. Install proposed traffic signal heads as shown. (See Wiring Diagram.)

B. Use existing steel strain pole.

C. Use existing pole-mounted cabinet.

D. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (pushed).

E. Install 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

F. Install 1" galvanized steel electrical conduit (detector wire sleeve).

G. Use existing handhole.

H. Use existing conduit.

J. Install stopline pavement marking as shown.

K. Install 30' double yellow centerline pavement marking as shown.

L. Remove 40' section of existing white edge line as shown.

M. Existing overhead electrical service to be maintained by CP&L.

N. Install 2" polyvinyl chloride electrical conduit (Schedule 40) (trenched).

EXISTING SIGNS

11

LEFT TURN
YIELD
ON GREEN

R 10-12
36"X42"

12a, 12b, 13a, 13b

Melbourne Blvd

D3-2
VARIABLE x 16"

EXISTING SIGNALS

1 — R, Y, G — 8", 12", 8", 12"

2 — R, Y, G — 12"

3-5, 9, 10 — R, Y, G — 12"

8 — R, Y, G — 8"

PROPOSED SIGNALS

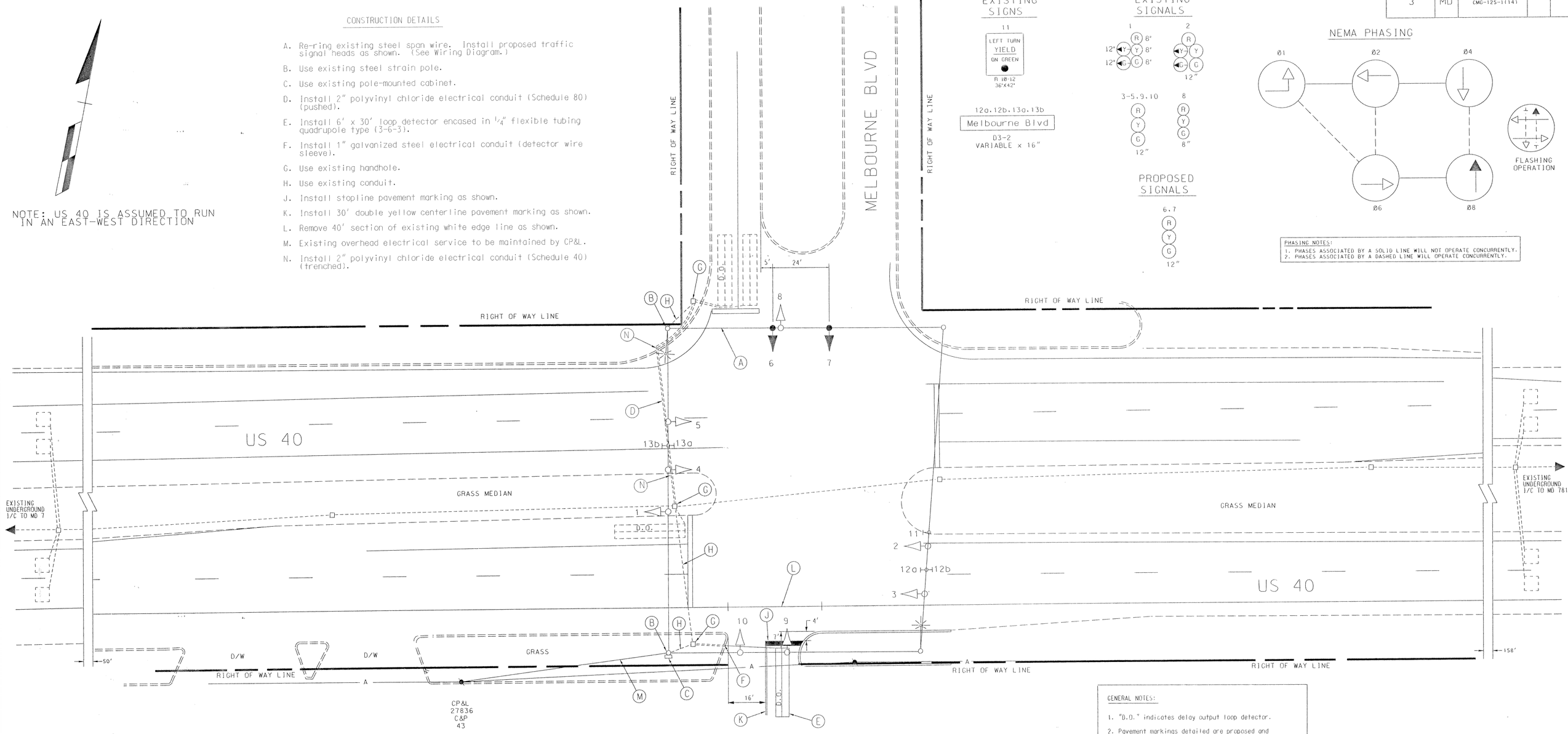
6, 7 — R, Y, G — 12"

NEMA PHASING

Ø1 Ø2 Ø4 Ø6 Ø8

FLASHING OPERATION

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



GENERAL NOTES:

1. "D.O." indicates delay output loop detector.
2. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance to MSHA Standards.
3. Loop detectors are to be installed prior to the installation pf pavement markings.
4. This is a revision to the original signal built in 1981 under an unknown contract number.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A	A	A
ELECTRIC	E	E	E
TELEPHONE	T	T	T
GAS	G	G	G
SEWER	S	S	S
WATER	W	W	W
CABLE TV	TV	TV	TV

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REVISIONS

B 3-31-97 ADD N/B Ø8. LOOPS. HEADS
SHA NO.: BW 969M82
RRZ
A 7-16-92 INSTALL TELEMETRY CABLE AND ASBUILT
F.A.P. NO.: CMG-125-1(14)
SHA NO. CE-725-501-285
RRZ

APPROVALS

ORIGINAL ON FILE

CHIEF, SIGNAL DESIGN SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC AND SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic and Safety
TRAFFIC ENGINEERING DESIGN DIVISION

LOG MILE NO.: 07004016.55

DRAWN BY: ROBERT RUSSELL
DES. BY: ZIAD A. SABRA
CHK. BY:

US 40 AND MELBOURNE BLVD
COUNTY CECIL

DATE: 10-2-81
SCALE: 1"=20'
F.A.P. NO.
S.H.A. NO.

TS/STD. NO. 2378B

SHEET NO. 1 OF 2