F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	BW1E15		

MD 197 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

SIGNS

7 — NO TURNS, 24"X24", R3-3

8 — 24"X24", R3-2

9 — NORTH / MARYLAND / 197: M3-1 24"X12", M1-6 30"X24", M6-1 21"X15", 30"X51", ONE PIECE SHIELD ASSEMBLY

10 — SOUTH / MARYLAND / 197: M3-3 30"X15", M1-6 48"X36", M6-1 30"X24", 48"X75", ONE PIECE SHIELD ASSEMBLY

11 — 8/6C, Laurel Bowie Rd., 4C, VARIABLE X 16", D3-2

SIGNALS

1,2,3,4,5,6

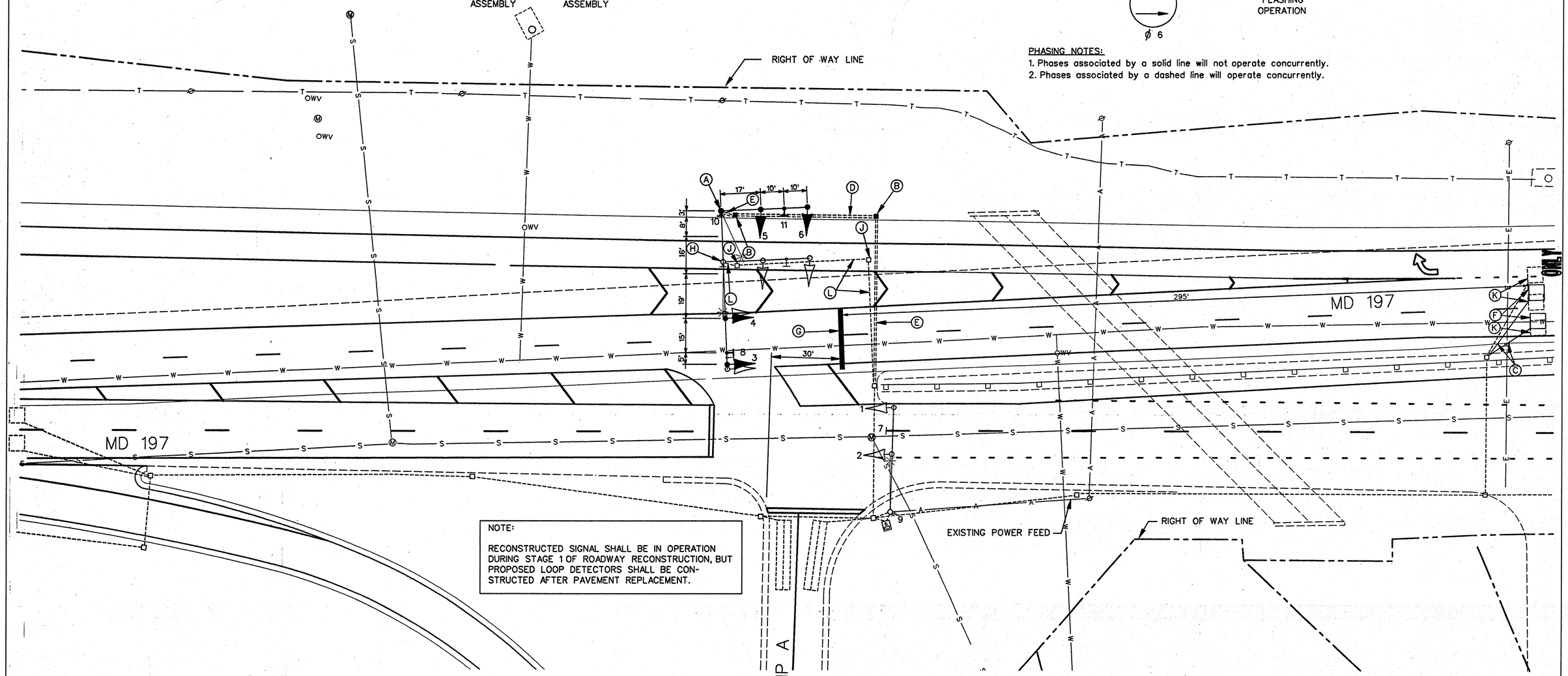
R Y G 12"

NEMA PHASING

ø 2, ø 4, ø 6

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.



NOTE:

RECONSTRUCTED SIGNAL SHALL BE IN OPERATION DURING STAGE 1 OF ROADWAY RECONSTRUCTION, BUT PROPOSED LOOP DETECTORS SHALL BE CONSTRUCTED AFTER PAVEMENT REPLACEMENT.

UTILITIES LEGEND

- A — AERIAL CABLES
- G — GAS MAIN
- E — ELECTRIC CABLES (UNDERGROUND)
- T — TELEPHONE CABLES
- W — WATER MAIN
- S — SEWER MAIN
- SD — STORM DRAIN

ROADWAY LEGEND

- EXISTING
- PROPOSED

RUMMEL, KLEPPER & KAHL
CONSULTING ENGINEERS
81 MOSHER STREET
BALTIMORE, MD 21217
TEL. (410) 728-2900

REVISIONS:
(B) REVISED 03/97 FOR MD 197 IMPROVEMENTS F.A.P. NO. BW1E15 — ZAJ, JSEK, 1/8/97

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

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

LOG MILE • 16019712.36

DRAWN BY:
DES. BY:
CHK. BY:

MD 197 @ B/W PKWY. RAMP A
SIGNAL PLAN

COUNTY: PRINCE GEORGE'S

DATE: APRIL 19, 1978 — F.A.P. NO. BW1E15
SCALE: 1"=20' — S.H.A. NO.

TS/STD. NO.: TS-1615B-P

SHEET NO. 1 OF 2