F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	BW1E14		

SIGNALS

ALL SIGNAL HEADS ARE EXISTING

NOTE:
MD 197 IS ASSUMED TO RUN IN NORTH-SOUTH DIRECTION.

1,2,5,6,7,8 — 12"

3,4 — 12"

SIGNS

SIGNS NO. 9,12-16 ARE EXISTING

9 — R3-2 36"X36"

10 — R3-4MOD. 36"X36"

11 — R10-12 MOD. 36"X42"

12 — R3-1 36"X36"

13 — M3-3 24"X12" SOUTH; M1-5 30"X24" MARYLAND 197; M6-1 21"X15"

14 — M3-1 24"X12" NORTH; M1-5 30"X24" MARYLAND 197; M6-1 21"X15"

ASSOCIATED SHIELD ASSEMBLY

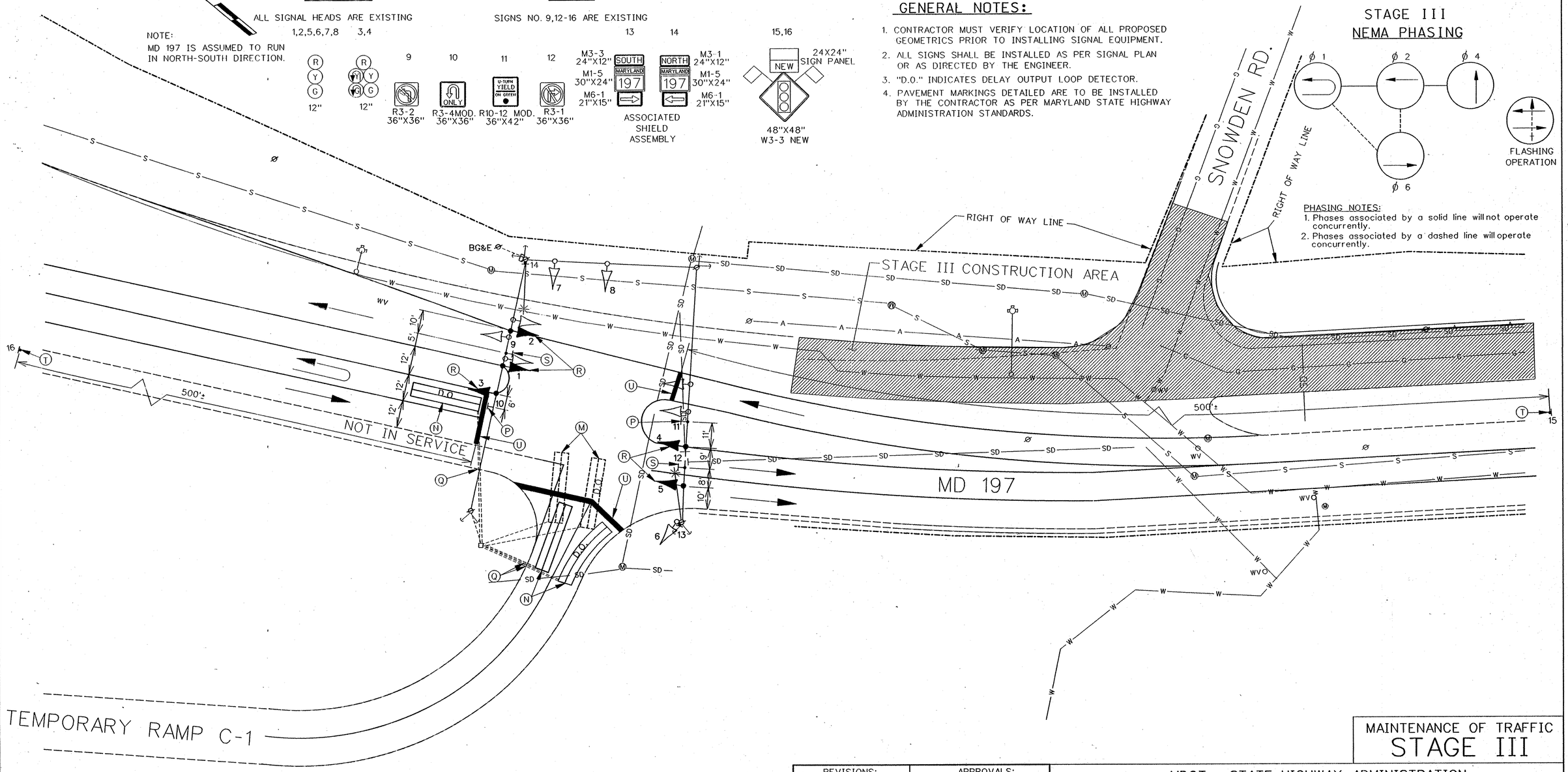
15,16 — NEW; 24X24" SIGN PANEL; 48"X48" W3-3 NEW

GENERAL NOTES:

1. CONTRACTOR MUST VERIFY LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
2. ALL SIGNS SHALL BE INSTALLED AS PER SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER.
3. "D.O." INDICATES DELAY OUTPUT LOOP DETECTOR.
4. PAVEMENT MARKINGS DETAILED ARE TO BE INSTALLED BY THE CONTRACTOR AS PER MARYLAND STATE HIGHWAY ADMINISTRATION STANDARDS.

STAGE III 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.



MAINTENANCE OF TRAFFIC
STAGE III

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:
REVISED 11/94 FOR THE MD 197 DUALIZATION

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 •

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

MD 197 @ TEMPORARY RAMP C-1
TEMPORARY SIGNAL PLAN
COUNTY: PRINCE GEORGE'S

DATE: NOVEMBER 1994 F.A.P. NO. M-
SCALE: 1"=20' S.H.A. NO. P-

TS/STD. NO.: TS- X2
SHEET NO. ___ OF ___

RKK4/SPURS:DGN/187-55/SS07M197.DGN