F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	BW1A25,ETC		

EXISTING SIGNS

9,10 — South Laurel Dr. — VARIABLE X 16" — D3-2

11 — ONLY — 30"X36" — R3-5L

12 — ONLY — 30"X36" — R3-5R

EXISTING SIGNALS

1,2,3,4 — R, Y, G — 12"

5,6 — R, Y, G — 8"

7,8 — 9"

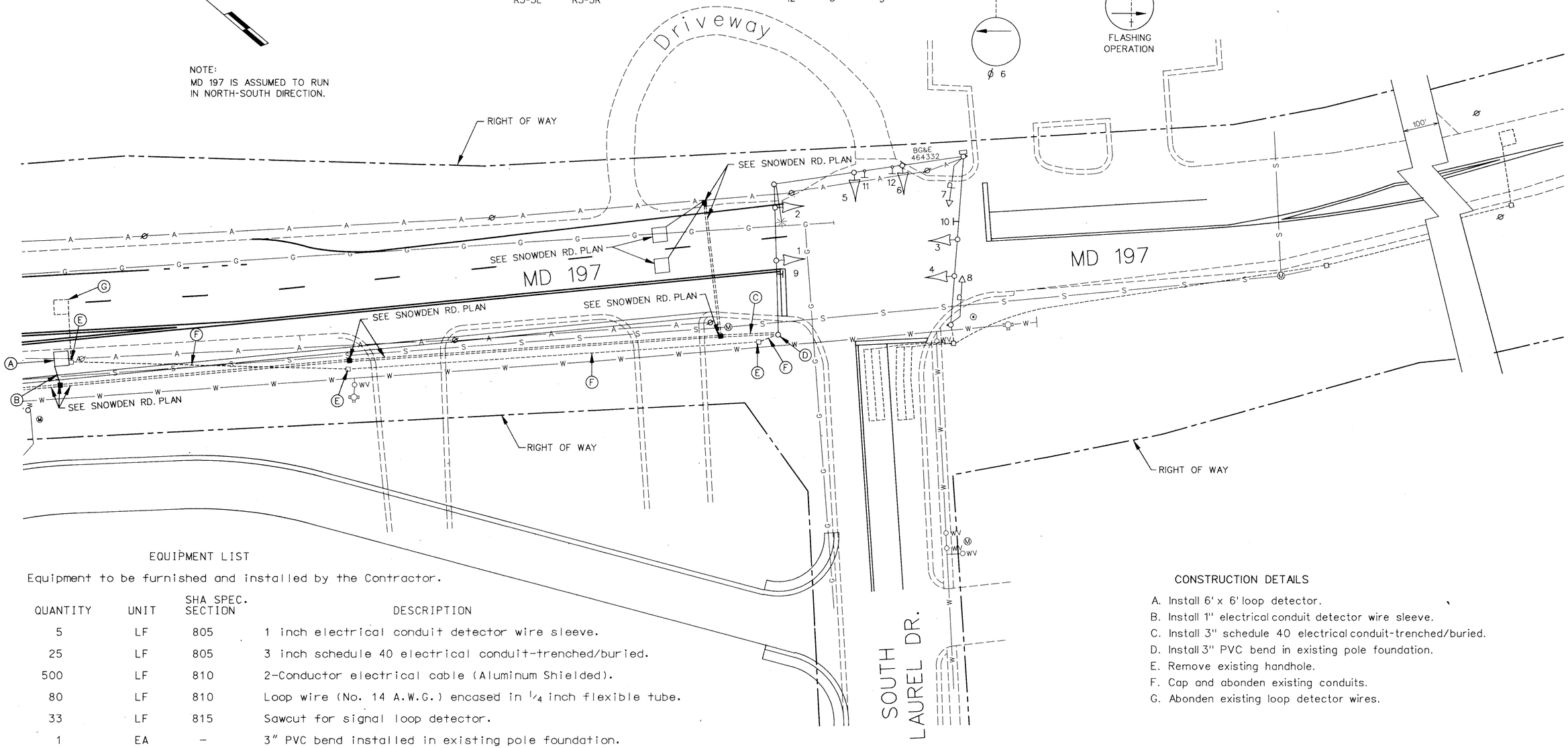
NEMA PHASING

Ø 2, Ø 4, Ø 6

PHASING NOTES:
1. Phases associated by a solid line will not operate concurrently.
2. Phases associated by a dashed line will operate concurrently.

FLASHING OPERATION

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



EQUIPMENT LIST

Equipment to be furnished and installed by the Contractor.

QUANTITY	UNIT	SHA SPEC. SECTION	DESCRIPTION
5	LF	805	1 inch electrical conduit detector wire sleeve.
25	LF	805	3 inch schedule 40 electrical conduit-trenched/buried.
500	LF	810	2-Conductor electrical cable (Aluminum Shielded).
80	LF	810	Loop wire (No. 14 A.W.G.) encased in 1/4 inch flexible tube.
33	LF	815	Sawcut for signal loop detector.
1	EA	–	3" PVC bend installed in existing pole foundation.

CONSTRUCTION DETAILS

A. Install 6' x 6' loop detector.
B. Install 1" electrical conduit detector wire sleeve.
C. Install 3" schedule 40 electrical conduit-trenched/buried.
D. Install 3" PVC bend in existing pole foundation.
E. Remove existing handhole.
F. Cap and abonden existing conduits.
G. Abonden existing loop detector wires.

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:
(A) REVISED 04/96 FOR THE B/W PKWY. IMPROVEMENT F.A.P. NO. BW1A25,ETC
ZAJ

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 • 16019711.61

DRAWN BY:
DES. BY:
CHK. BY:

MD 197 @ SOUTH LAUREL DR.

COUNTY: PRINCE GEORGE'S

DATE: FEBRUARY 4, 1987 F.A.P. NO. BW1A25,ETC
SCALE: 1"=20' S.H.A. NO.

TS/STD. NO.: TS-1728A

SHEET NO. ___ OF ___