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

EXISTING SIGNS

10	11,15	12	13	14	16	17
⇦ Mallard Dr.	ONLY	LEFT TURN YIELD ON GREEN	Mallard Dr. ⇨		DO NOT ENTER	ONLY
VARIABLE X 16"	R10-12	R10-12	VARIABLE X 16"	R3-5L	R5-1	R3-8a
D3-2	36"X42"	36"X42"	D3-2	30"X36"	30"X36"	30"X36"

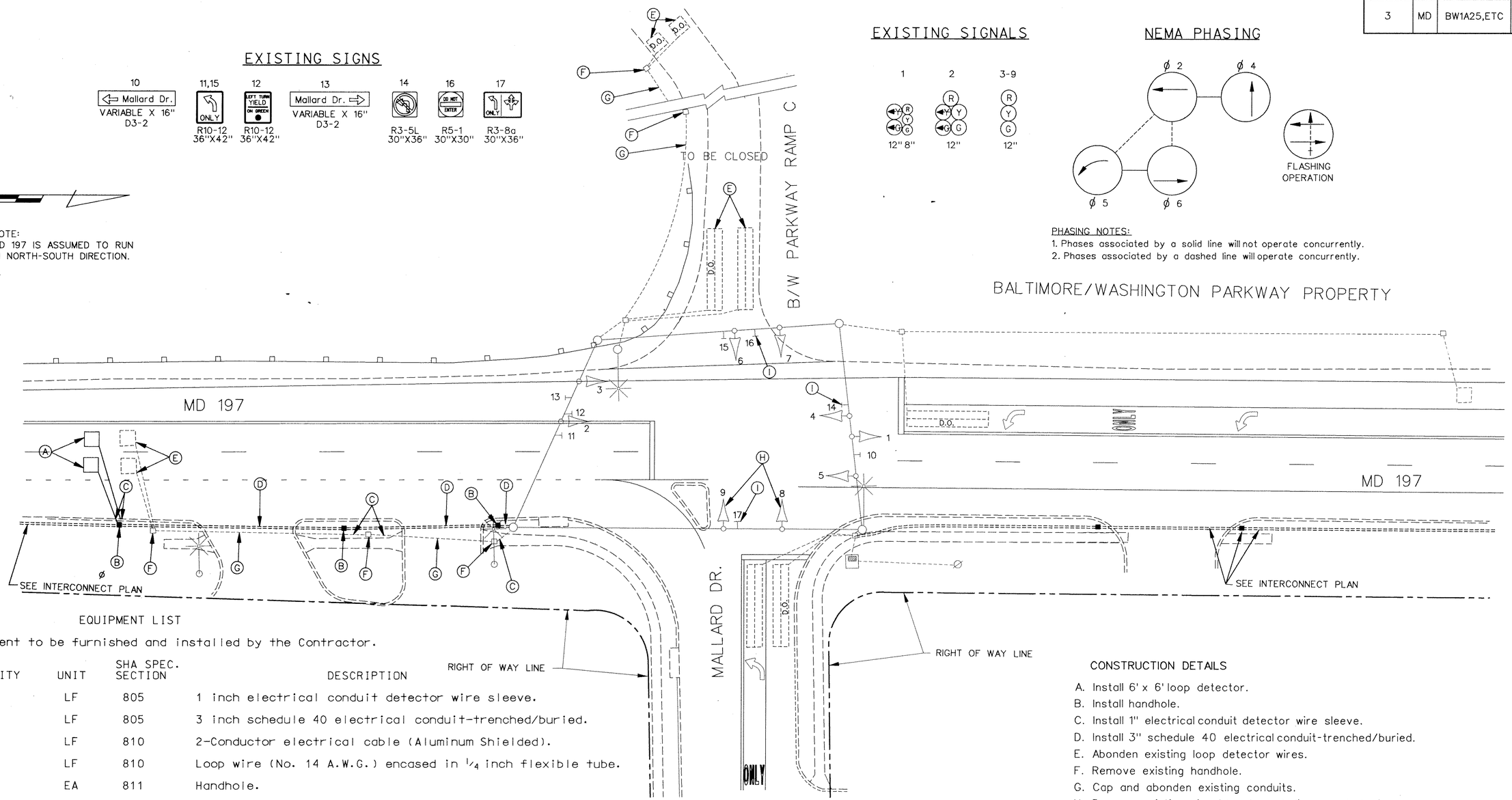
EXISTING SIGNALS

1	2	3-9
R Y G	R Y G	R Y G
12" 8"	12"	12"

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.

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
20	LF	805	1 inch electrical conduit detector wire sleeve.
160	LF	805	3 inch schedule 40 electrical conduit-trenched/buried.
800	LF	810	2-Conductor electrical cable (Aluminum Shielded).
350	LF	810	Loop wire (No. 14 A.W.G.) encased in 1/4 inch flexible tube.
3	EA	811	Handhole.
125	LF	815	Sawcut for signal loop detector.
–	LS	–	Removal of existing equipment.

CONSTRUCTION DETAILS

A. Install 6' x 6' loop detector.
B. Install handhole.
C. Install 1" electrical conduit detector wire sleeve.
D. Install 3" schedule 40 electrical conduit-trenched/buried.
E. Abonden existing loop detector wires.
F. Remove existing handhole.
G. Cap and abonden existing conduits.
H. Remove existing signal heads and disconnected wires.
I. Remove existing sign.

EQUIPMENT LIST

Equipment to be removed by Contractor and delivered to:

State Highway administratio, Office of Traffic and Safety; Signal Operations, 7491 Connelley Drive, Hanover, Maryland 21076. Contact Ed Rodenhizer at (410) 787-7650 aat least 48 hours in advance of the delivery.

QUANTITY	UNIT	DESCRIPTION
2	EA	One -way three-section traffic signal head

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

REVISIONS:
© REVISED 02/96 FOR B/W PKWY. IMPROVEMENT F.A.P. NO. BW1A25,ETC
ZAJ

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

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION LOG MILE # 16019711.90

DRAWN BY:
DES. BY:
CHK. BY:

MD 197 @ MALLARD DRIVE

COUNTY: PRINCE GEORGE'S

DATE: APRIL 28, 1975	F.A.P. NO. BW1A25,ETC	TS/STD. NO.: TS-903G-P	SHEET NO. ___ OF ___
SCALE: 1"=20'	S.H.A. NO.		