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

EXISTING SIGNS

15.17 — Cherry Lane — D3-2 VARIABLE X 16"

18 — U TURN YIELD ON GREEN — 36"X42"

16.19 — ONLY ONLY — R3-5b 60" x 36"

20 — ONLY ONLY — R3-5b(R) 60" x 36"

PUSH BUTTON TO CROSS LAUREL-BOWIE RD — 9" x 12"

EXISTING SIGNALS

1.2 — 12"

3.4.7.9 — 12"

5 — 8" 8" 8"

6 — 12"

8 — 8" 8" 8" 12" 12"

10 — 12"

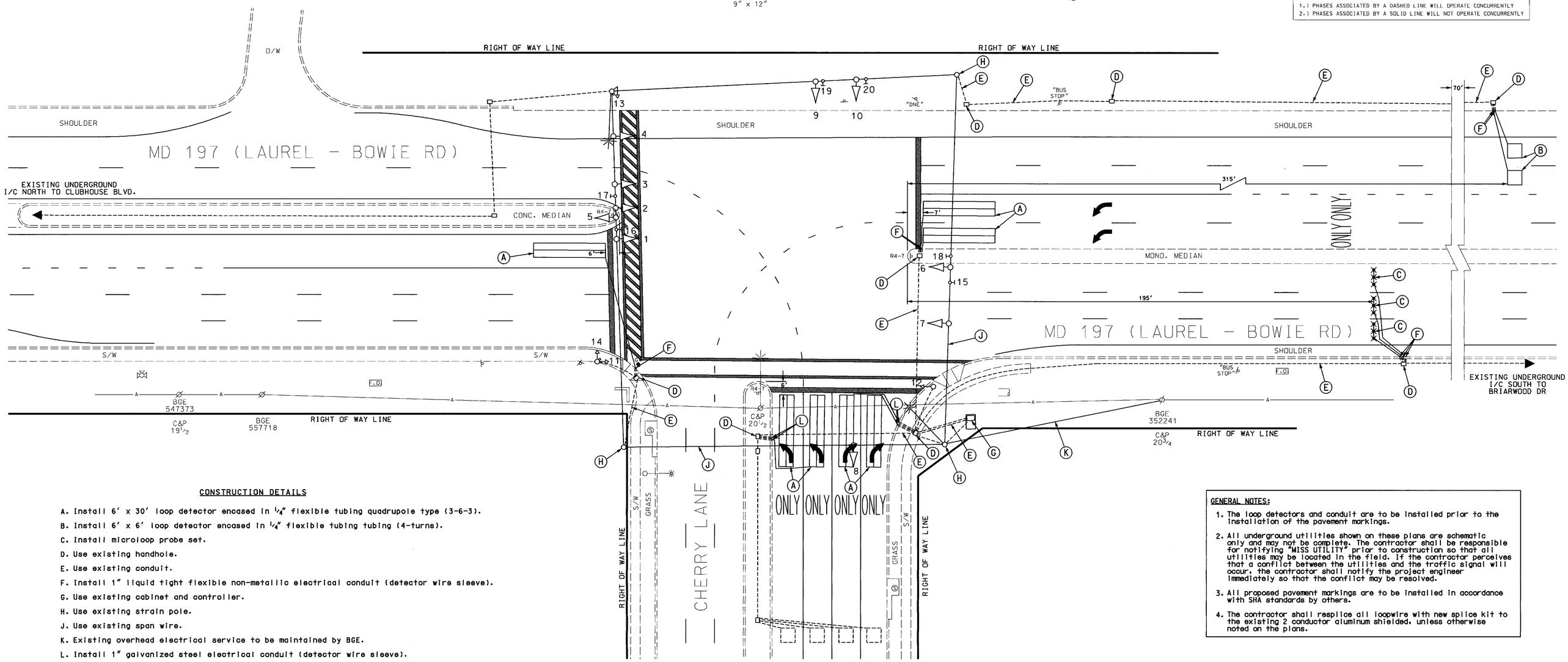
11-14 — 12"

NEMA PHASING

Ø1 Ø2 Ø4 Ø5 Ø6 Ø4 ALT

FLASHING OPERATION

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



CONSTRUCTION DETAILS

A. Install 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).
B. Install 6' x 6' loop detector encased in 1/4" flexible tubing tubing (4-turns).
C. Install microloop probe set.
D. Use existing handhole.
E. Use existing conduit.
F. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).
G. Use existing cabinet and controller.
H. Use existing strain pole.
J. Use existing span wire.
K. Existing overhead electrical service to be maintained by BGE.
L. Install 1" galvanized steel electrical conduit (detector wire sleeve).

GENERAL NOTES:

1. The loop detectors and conduit are to be installed prior to the installation of the pavement markings.
2. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
3. All proposed pavement markings are to be installed in accordance with SHA standards by others.
4. The contractor shall resplice all loopwire with new splice kit to the existing 2 conductor aluminum shielded, unless otherwise noted on the plans.

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

REVISION "D"

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REVISIONS	APPROVALS
D 11-03-03 DETECTOR REPLACEMENT DUE TO ROAD RESURFACING SHA MD.1P648OA21 JMA	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
C 9-15-88 REL. SIG. EQUIP. DUE TO GEOM. IMP. BHE	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
B 4-12-84 ASBUILT AND ADDED E/P RT TO S.B. CHERRY LANE EMM	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
A SEPT 7, 1983 ADD PUSHBUTTON AND SIGN TO CROSS MD 197	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 197 (LAUREL - BOWIE RD)
AND CHERRY LANE

DRAWN BY: HOWARD J. KILIAN	F.A.P. NO.		TS NO. 1884 D	SHEET NO. 4 OF 12
CHECKED BY: HOWARD J. KILIAN	S.H.A. NO.	P-764-501-385		
SCALE: 1"= 20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. F872	
DATE: 10-13-82	LOG MILE:	16019714.18		

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