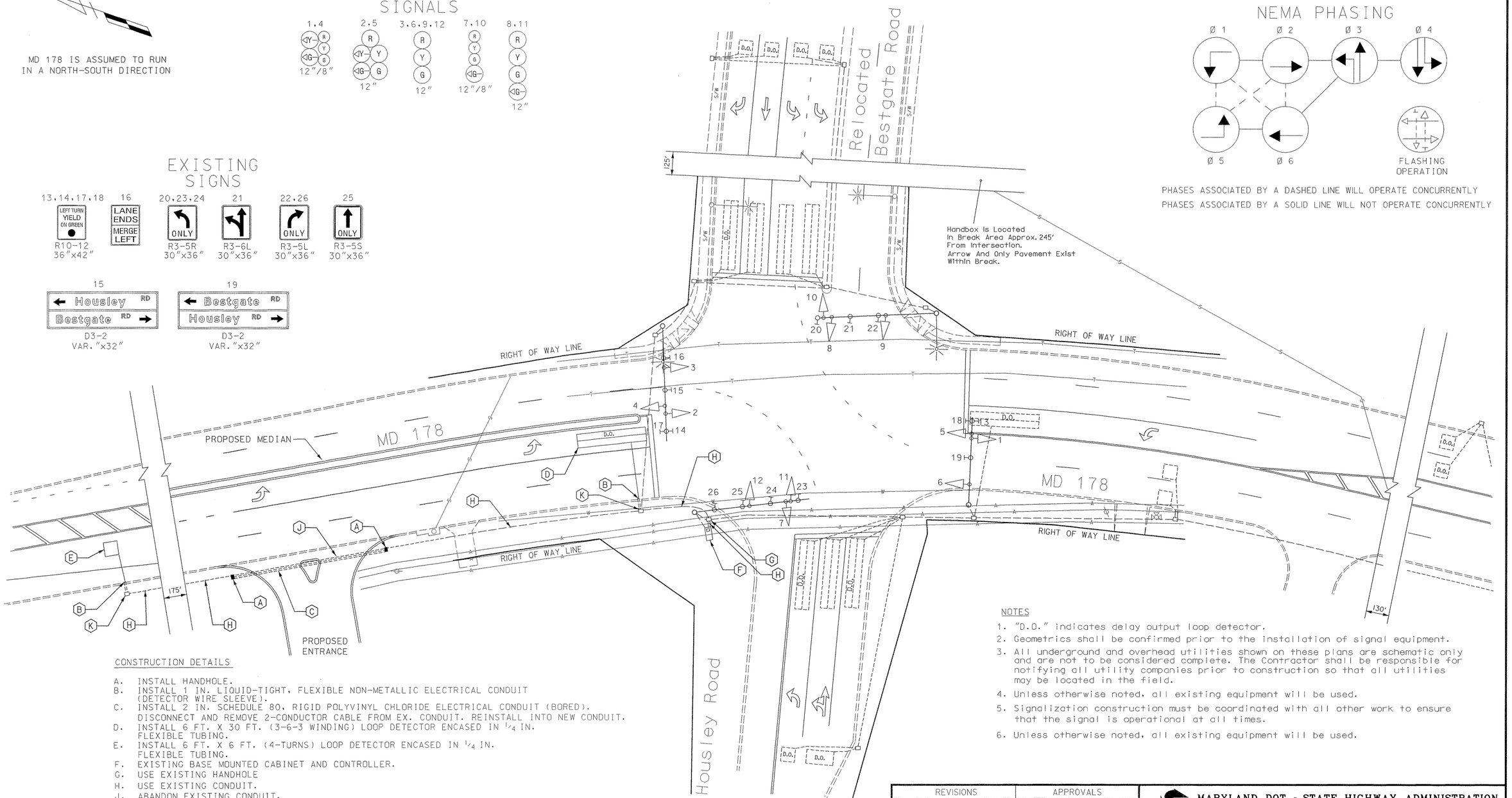
MD 178 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNALS

EXISTING SIGNS

NEMA PHASING

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



NOTES

1. "D.O." indicates delay output loop detector.
2. Geometrics shall be confirmed prior to the installation of signal equipment.
3. All underground and overhead utilities shown on these plans are schematic only and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field.
4. Unless otherwise noted, all existing equipment will be used.
5. Signalization construction must be coordinated with all other work to ensure that the signal is operational at all times.
6. Unless otherwise noted, all existing equipment will be used.

CONSTRUCTION DETAILS

A. INSTALL HANDHOLE.
B. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
C. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED). DISCONNECT AND REMOVE 2-CONDUCTOR CABLE FROM EX. CONDUIT. REINSTALL INTO NEW CONDUIT.
D. INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
E. INSTALL 6 FT. X 6 FT. (4-TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
F. EXISTING BASE MOUNTED CABINET AND CONTROLLER.
G. USE EXISTING HANDHOLE
H. USE EXISTING CONDUIT.
J. ABANDON EXISTING CONDUIT.
K. SPLICE NEW LOOP WIRE TO EXISTING 2-CONDUCTOR (ALUM. SHLD.) CABLE IN EX. HANDHOLE

UTILITY LEGEND

G G	GAS MAIN
W W	WATER MAIN
S S	SEWER MAIN
E E	ELECTRIC CABLES
A A	AERIAL CABLES
T T	TELEPHONE CABLES

REVISIONS		
B	1-6-00	REPLACE S.B. MD 178 DETECTION BW936M82
T/C		
A	2-3-97	REVISED PLAN DUE TO GEOMETRIC IMPROVEMENTS TO HOUSLEY ROAD
T/C		

APPROVALS

ORIGINAL
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

FILE
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

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

MD 178 AND BESTGATE RD. / HOUSLEY RD.

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CHECKED BY:		S.H.A. NO.	BW-583-802-512		
SCALE:	1"=20'	COUNTY:	ANNE ARUNDEL	T.I.M.S. NO. D-721	___ OF ___
DATE:	8-9-93	LOG MILE:	LOG MI. 02017800.35		