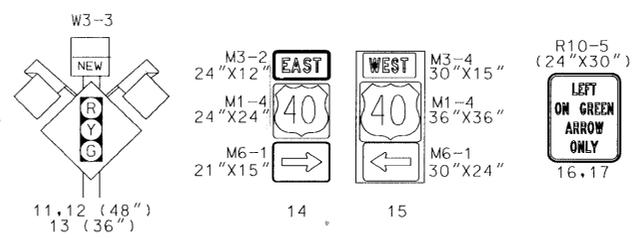


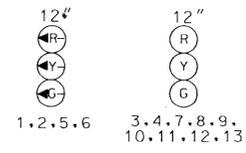
EXISTING SIGNS TO BE RELOCATED
 DUAL FACED
 D3-2
 Long Bar Harbor RD
 18A, 18B, 19A, 19B

EXISTING SIGN TO BE REMOVED
 STOP
 20

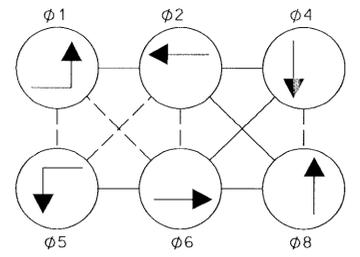
PROPOSED SIGNS



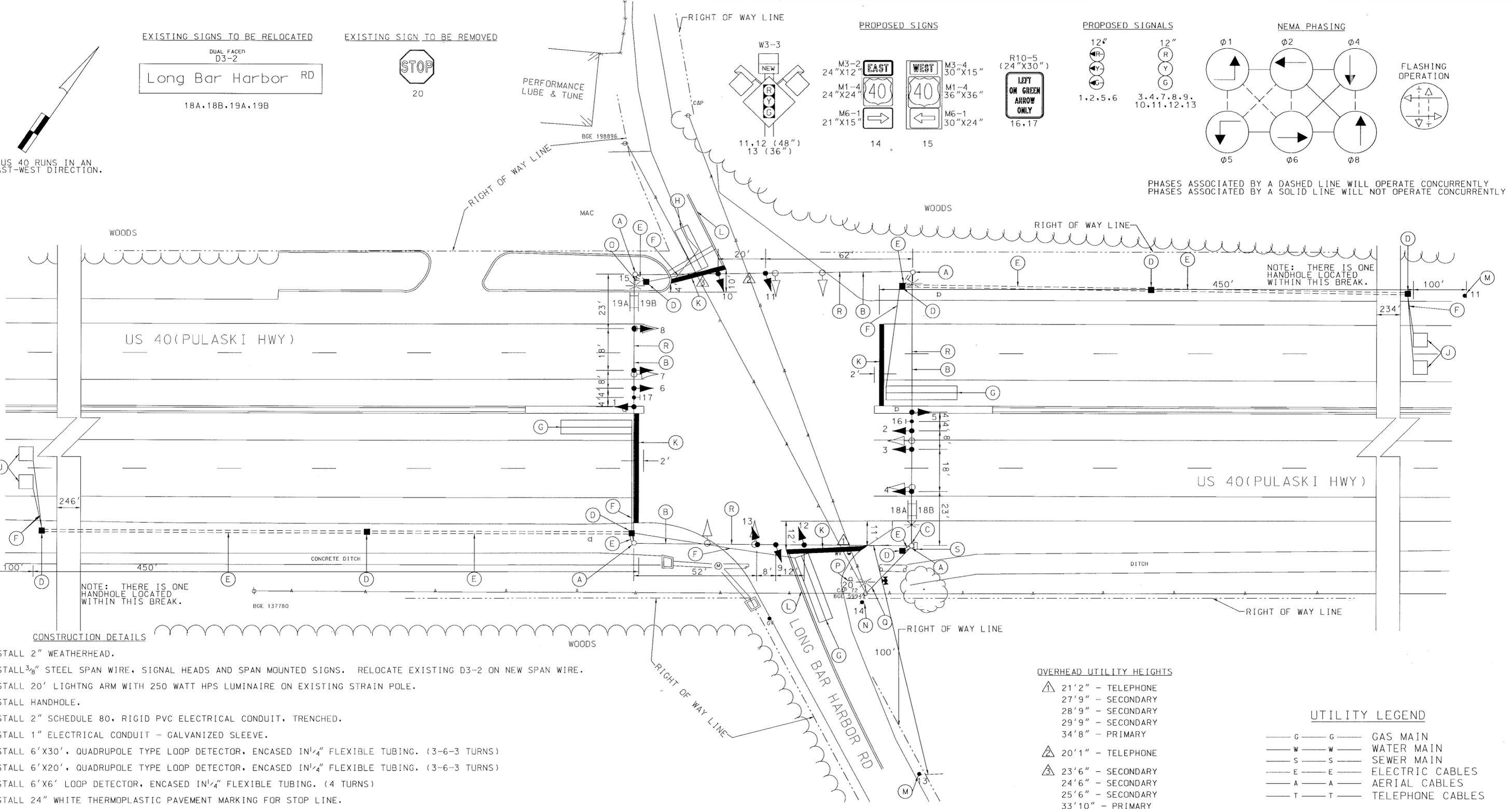
PROPOSED SIGNALS



NEMA PHASING



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



NOTE: THERE IS ONE HANDHOLE LOCATED WITHIN THIS BREAK.

NOTE: THERE IS ONE HANDHOLE LOCATED WITHIN THIS BREAK.

- CONSTRUCTION DETAILS
- (A) INSTALL 2" WEATHERHEAD.
 - (B) INSTALL 3/8" STEEL SPAN WIRE, SIGNAL HEADS AND SPAN MOUNTED SIGNS. RELOCATE EXISTING D3-2 ON NEW SPAN WIRE.
 - (C) INSTALL 20' LIGHTNG ARM WITH 250 WATT HPS LUMINAIRE ON EXISTING STRAIN POLE.
 - (D) INSTALL HANDHOLE.
 - (E) INSTALL 2" SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT, TRENCHED.
 - (F) INSTALL 1" ELECTRICAL CONDUIT - GALVANIZED SLEEVE.
 - (G) INSTALL 6'X30', QUADRUPOLE TYPE LOOP DETECTOR, ENCASED IN 1/4" FLEXIBLE TUBING. (3-6-3 TURNS)
 - (H) INSTALL 6'X20', QUADRUPOLE TYPE LOOP DETECTOR, ENCASED IN 1/4" FLEXIBLE TUBING. (3-6-3 TURNS)
 - (J) INSTALL 6'X6' LOOP DETECTOR, ENCASED IN 1/4" FLEXIBLE TUBING. (4 TURNS)
 - (K) INSTALL 24" WHITE THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
 - (L) INSTALL 5" YELLOW DOUBLE SOLID THERMOPLASTIC PAVEMENT MARKING FOR CENTER LINE.
 - (M) INSTALL W3-3 SIGN ON 4"X6" WOOD POSTS.
 - (N) INSTALL ROUTE MARKER SHIELD ASSEMBLY ON 4"X6" WOOD POST.
 - (O) INSTALL ROUTE MARKER SHIELD ASSEMBLY BANDED TO STRAIN POLE.
 - (P) REMOVE EXISTING SIGN.
 - (Q) EXISTING OVERHEAD POWER SERVICE TO BE MAINTAINED.
 - (?) REMOVE EXISTING SPAN WIRE, ELECTRICAL CABLE AND SIGNAL HEADS.
 - (S) REMOVE EXISTING CONTROLLER (RETURN TO SHA) AND INSTALL NEW CONTROLLER WITH ALL NECESSARY CONTROLLER EQUIPMENT AND ELECTRICAL SERVICE EQUIPMENT. THE EXISTING POLE MOUNTED CABINET SHALL BE USED.

OVERHEAD UTILITY HEIGHTS

- △ 21'2" - TELEPHONE
- △ 27'9" - SECONDARY
- △ 28'9" - SECONDARY
- △ 29'9" - SECONDARY
- △ 34'8" - PRIMARY
- △ 20'1" - TELEPHONE
- △ 23'6" - SECONDARY
- △ 24'6" - SECONDARY
- △ 25'6" - SECONDARY
- △ 33'10" - PRIMARY

UTILITY LEGEND

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



REVISIONS	APPROVALS
(A) JANUARY 21, 1999 UPGRADE TO FULL COLOR SIGNAL S.H.A. NO. HA 9755177 DMC	ASST. TRAFFIC ENGINEERING/DESIGN DIVISION ASST. DISTRICT ENGINEER, TRAFFIC CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, OFFICE OF TRAFFIC & SAFETY

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

US 40 AND LONG BAR HARBOR ROAD

DRAWN BY: BRUCE THOMPSON	F.A.P. NO. CMG-STPG-000S(134)	TS NO. 3361A
CHECKED BY: D. DODA	S.H.A. NO. AW-454-501-485	SHEET NO. 1 OF 2
SCALE: 1" = 20'	COUNTY: HARFORD	T.I.M.S. NO. D-164
DATE: 8-14-93	LOG MILE: 12004006.85	