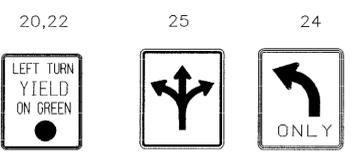


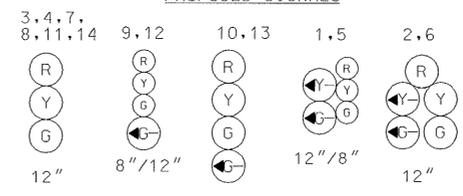
PROPOSED SIGNS



EXISTING SIGNS



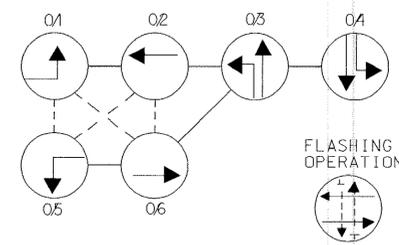
PROPOSED SIGNALS



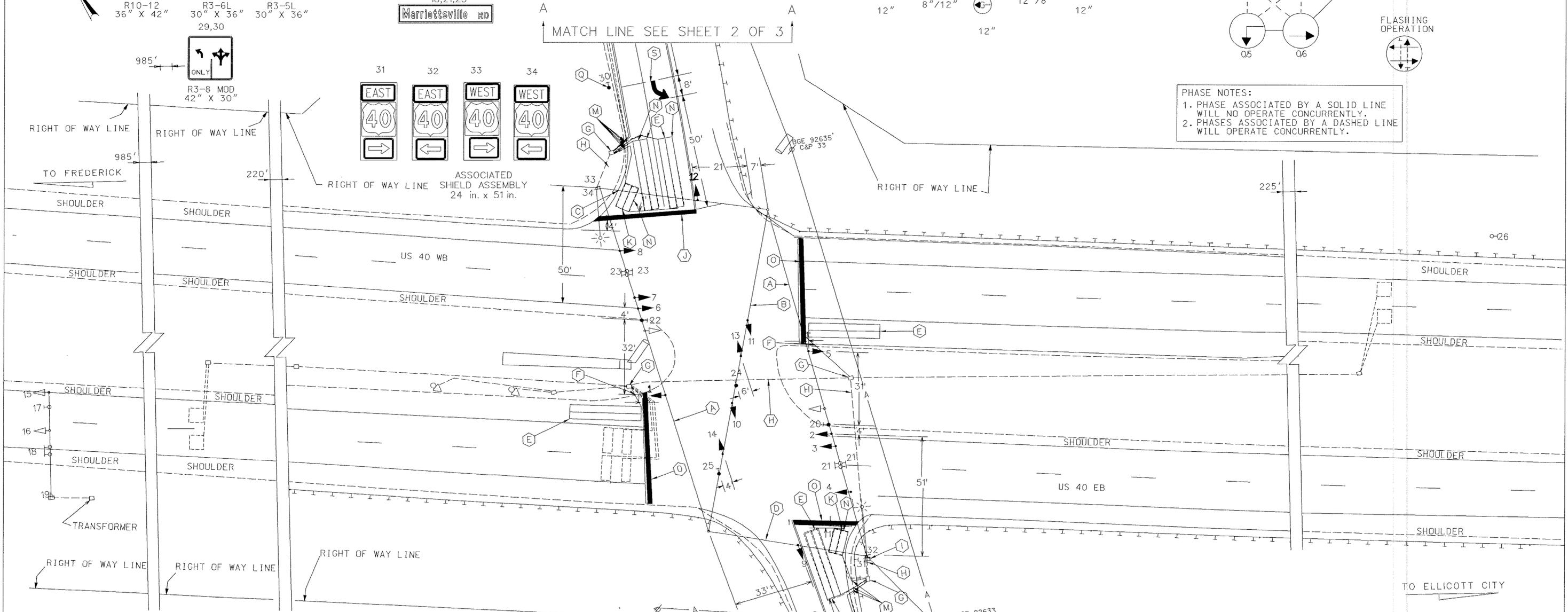
EXISTING SIGNALS



NEMA PHASING



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



CONSTRUCTION DETAILS

- A. REMOVE EXISTING SIGNAL HEADS, AND FURNISH AND INSTALL NEW SIGNAL HEADS & SIGNS AND TETHER WIRE AND ADJUST SPAN AS SHOWN. (NOTE: SIGNALS 3,4,7 AND 8 SHALL BE INSTALLED AT EXISTING SIGNAL HEAD LOCATIONS.)
- B. REMOVE SIGNAL HEAD, FURNISH AND INSTALL NEW SIGNAL HEAD AT EXISTING SIGNAL HEAD LOCATIONS, RAISE SPAN FOR SIGNAL HEAD CLEARANCE AS NEEDED, AND INSTALL SIGNS AND TETHER AS SHOWN.
- C. FURNISH AND INSTALL SPAN WIRE, SIGNAL HEAD AND TETHER AS SHOWN.
- D. FURNISH AND INSTALL SIGNAL HEADS, AND TETHER AS SHOWN.
- E. INSTALL 6'x30' LOOP DETECTOR, ENCASED IN 1/4" FLEXIBLE TUBING (3-6-3 TURNS) QUADRUPOLE TYPE
- F. FURNISH AND INSTALL 1" GALVANIZED STEEL CONDUIT FOR DETECTOR WIRE SLEEVE.
- G. USE EXISTING HANDHOLE.
- H. USE EXISTING CONDUIT.
- I. WIRE EXISTING CONTROLLER AS NEEDED.
- J. FURNISH AND INSTALL 24" WHITE HEAT APPLIED PREFORMED PAVEMENT MARKING TAPE (STOP LINE).
- K. INSTALL 6'x 10' LOOP DETECTOR, ENCASED IN 1/4" FLEXIBLE TUBING (3-6-3 TURNS) QUADRUPOLE TYPE
- L. FURNISH AND INSTALL MICRO-LOOP PROBE SET.
- M. FURNISH AND INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE)
- N. ABANDON LOOP DETECTOR OR MICRO-PROBE SET
- O. FURNISH AND INSTALL 24" WHITE HEAT APPLIED PREFORMED PAVEMENT MARKING TAPE (STOP LINE) GRIND EXISTING STOP LINES AND INSTALL NEW STOP LINES AT EXISTING LOCATION.
- P. FURNISH AND INSTALL 5" WHITE HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.
- Q. INSTALL SIGN ON 4" X 6" WOOD SIGN SUPPORT.
- R. REMOVE SIGN AND SIGN SUPPORTS THEN INSTALL NEW SIGN AT EXISTING LOCATION ON 4" X 6" WOOD SIGN SUPPORTS.
- S. FURNISH AND INSTALL HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW.
- T. FURNISH AND INSTALL HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LETTERS.

UTILITY LEGEND

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

REVISIONS	APPROVALS
(E) ADDED E/P MAIN LINE & SIDE STREET SPLIT XX1005485 4/7/00	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
(D) ADDED THIRD SIGNAL TO MAIN LINE & REVISED SIGNING 5/98	ASST. DISTRICT ENGINEER, TRAFFIC
DAZ	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 US 40 AT MARRIOTTVILLE ROAD

DRAWN BY: J. GORDON
 CHECKED BY: J. GORDON
 SCALE: 1"=20'
 DATE: 9/25/79

F.A.P. NO. N/A
 S.H.A. NO. HOWARD
 COUNTY: HOWARD
 LOG MILE: 13004013.32

TS NO. TS-1622E
 T.I.M.S. NO. 0700

SHEET NO. 1 OF 3