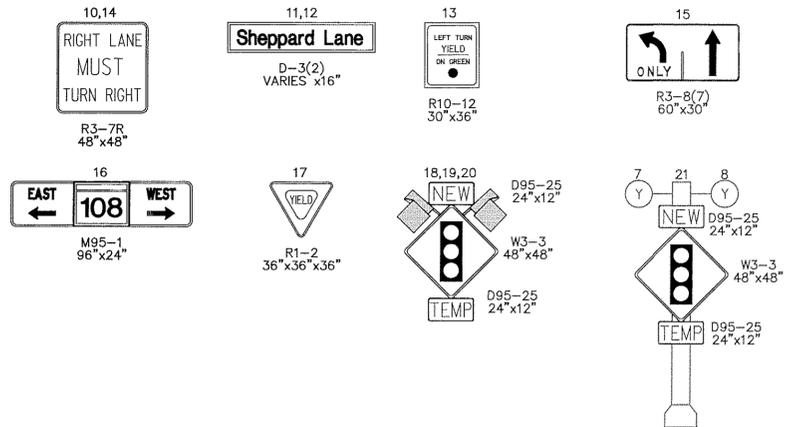
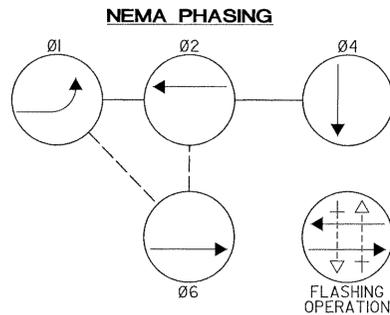
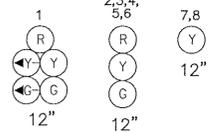


MD ROUTE 108 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

SIGNS



SIGNALS



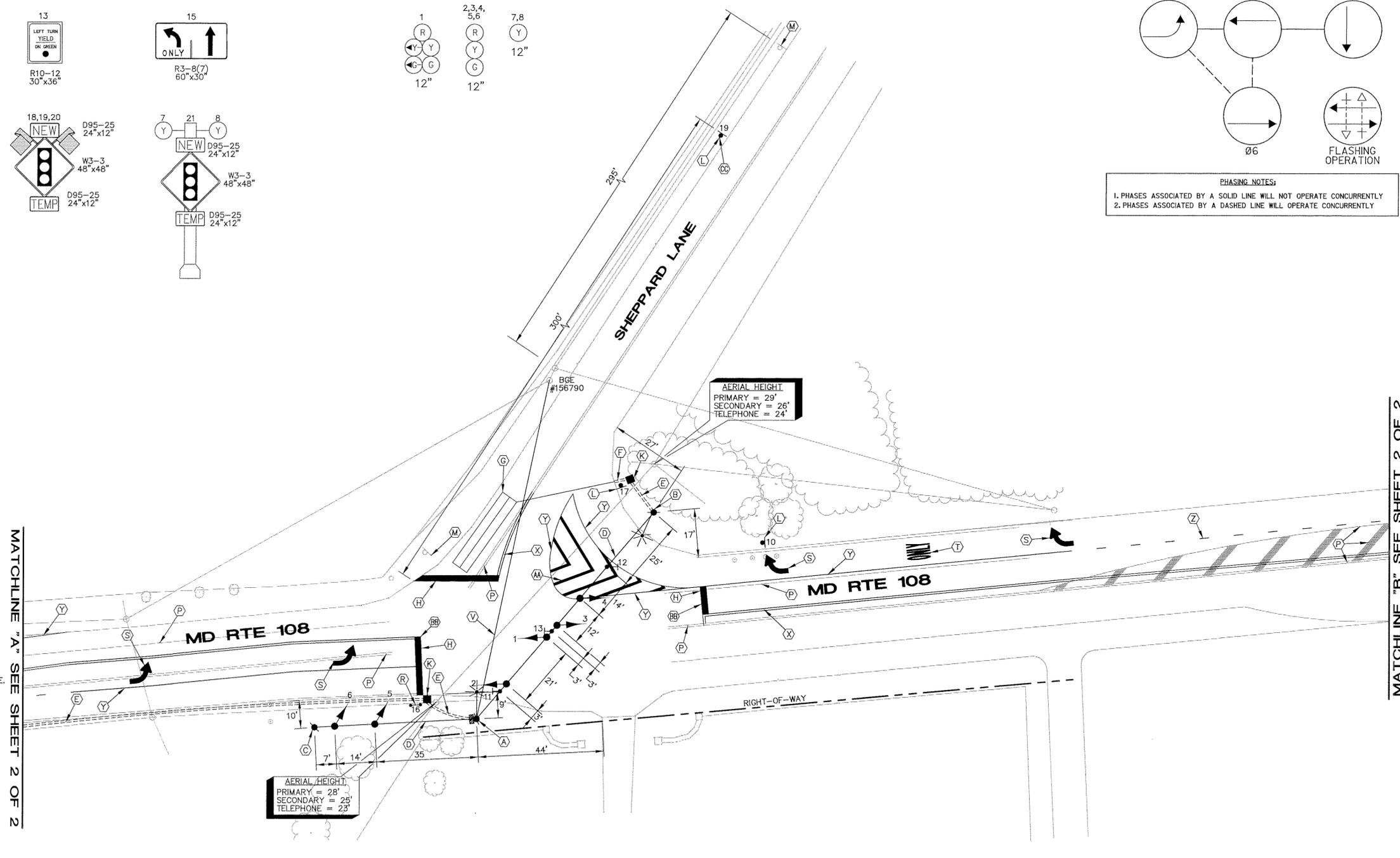
PHASING NOTES:
 1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
 2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

CONSTRUCTION DETAILS

- (A) INSTALL TEMPORARY WOOD POLE, POLE MOUNTED CONTROLLER AND CABINET SIZE #5, SIGNS, 10' STREET LIGHTING ARM AND 250 WATT H.P.S. (CUTOFF) LUMINAIRE WITH PHOTOELECTRIC CELL, 2" P.V.C. RISER AND 2" WEATHERHEAD. PROVIDE GUY WIRE AS REQUIRED.
- (B) INSTALL TEMPORARY WOOD POLE, SIGNS, 10' STREET LIGHTING ARM AND 250 WATT H.P.S. (CUTOFF) LUMINAIRE WITH PHOTOELECTRIC CELL, 2" P.V.C. RISER AND 2" WEATHERHEAD. PROVIDE GUY WIRE AS REQUIRED.
- (C) INSTALL TEMPORARY WOOD POLE AND SIGN. PROVIDE GUY WIRE AS REQUIRED.
- (D) INSTALL SPAN WIRE 3/8" IN DIAMETER, 1/4" TEHTER WIRE, SIGN AND SIGNAL HEADS.
- (E) INSTALL 2" P.V.C. (SCHEDULE 80) ELECTRIC CONDUIT (TRENCHED).
- (F) INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT SLEEVE FOR DETECTOR WIRING.
- (G) INSTALL 6'x30' LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING (3-6-3) QUADRUPOLE TYPE.
- (H) INSTALL 24" SOLID WHITE REFLECTIVE HEAT APPLIED THERMO PAVEMENT MARKING FOR STOP LINE (BY OTHERS).
- (J) INSTALL 14" PEDESTAL POLE, SIGNAL HEADS AND SIGN (NOTE: 1-2" 90-DEGREE P.V.C. BEND).
- (K) INSTALL HANDHOLE.
- (L) INSTALL GROUND MOUNTED SIGN.
- (M) REMOVE EXISTING SIGN AND REPLACE WHEN TEMPORARY SIGNAL IS REMOVED.
- (P) REMOVE EXISTING PAVEMENT MARKING. (BY OTHERS).
- (R) REPLACE EXISTING SIGN WITH SIGN NO. 16
- (S) INSTALL PERMANENT PREFORMED HEAT APPLIED THERMO PAVEMENT MARKING (ARROW) (BY OTHERS).
- (T) INSTALL PERMANENT PREFORMED HEAT APPLIED THERMO PAVEMENT MARKING (LETTER) (BY OTHERS).
- (U) INSTALL 2" P.V.C. (SCHEDULE 80) ELECTRIC CONDUIT (PUSHED).
- (V) OVERHEAD POWER SERVICED BY OTHERS.
- (X) INSTALL 5" DOUBLE SOLID YELLOW REFLECTIVE HEAT APPLIED THERMO PAVEMENT MARKING (BY OTHERS).
- (Y) INSTALL 5" SOLID WHITE REFLECTIVE HEAT APPLIED THERMO PAVEMENT MARKING (BY OTHERS).
- (Z) INSTALL 5" (3' DASH, 9' GAP) WHITE REFLECTIVE HEAT APPLIED THERMO PAVEMENT MARKING (BY OTHERS).
- (AA) INSTALL 16" SOLID WHITE REFLECTIVE HEAT APPLIED THERMO PAVEMENT MARKING (BY OTHERS).
- (BB) REMOVE EXISTING PAVEMENT MARKING WHEN TEMPORARY SIGNAL IS REMOVED. (BY OTHERS)
- (CC) REMOVE EXISTING GROUND MOUNTED SIGN WHEN TEMPORARY SIGNAL IS REMOVED.

MATCHLINE "A" SEE SHEET 2 OF 2

MATCHLINE "B" SEE SHEET 2 OF 2



PROJECT DESCRIPTION

I. GENERAL
 THIS INTERSECTION IS MD RTE 108 AND SHEPPARD LANE. CONSTRUCTION AT THIS INTERSECTION INVOLVES THE INSTALLATION OF A TEMPORARY TRAFFIC SIGNAL. IT IS ASSUMED THAT MD RTE 108 RUNS IN AN EAST-WEST DIRECTION

II. INTERSECTION OPERATION
 THE INTERSECTION WILL OPERATE IN A NEMA FOUR (4) PHASE SEMI-TRAFFIC ACTUATED MODE. EASTBOUND AND WESTBOUND MD RTE 108 WILL OPERATE CONCURRENTLY AND SOUTHBOUND SHEPPARD LANE WILL OPERATE SEPARATELY.

III. SIGNAL REMOVAL
 THE TEMPORARY TRAFFIC SIGNAL SHALL BE REMOVED UPON COMPLETION OF BRIDGE CONSTRUCTION. PRIOR TO THE REMOVAL THE DISTRICT ENGINEER SHALL BE CONTACTED.

NOTE:
 SIGNAL CONTRACTOR TO NOTIFY GENERAL CONTRACTOR FOR CLEARING AND GRUBBING

REVISIONS	APPROVALS
	<i>[Signature]</i> 12/21/98 CHIEF, SIGNAL DESIGN SECTION
	<i>[Signature]</i> 12/31/98 ASST. DISTRICT ENGINEER, TRAFFIC
	<i>[Signature]</i> 1/13/99 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 1/13/99 DIRECTOR, OFFICE OF TRAFFIC & SAFETY

Temporary Traffic Signal

MDOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION LOG MILE # 1301804.49

DRAWN BY: M. GESELL
 DES. BY: C. CHEN
 CHK. BY: C. CHEN *[Signature]* 12-23-98

MD 108 at Sheppard Lane

COUNTY: HOWARD

DATE: 12/07/98
 SCALE: 1" = 20'

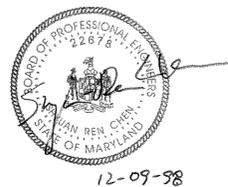
F.A.P. NO. _____
 S.H.A. NO. *PW224m83*

TS/STD. NO. _____
3840 P

SHEET NO. _____
 1 OF 2

UTILITY LEGEND

- G — G — GAS MAIN
- W — W — WATER MAIN
- S — S — SEWER MAIN
- SD — SD — STORM DRAIN
- TV — TV — CABLE TELEVISION
- E — E — ELECTRIC CABLES
- T — T — TELEPHONE CABLES
- A — A — AERIAL CABLES



12-09-98