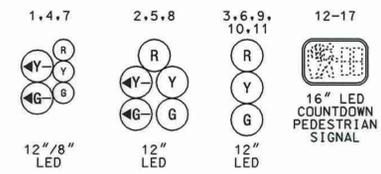
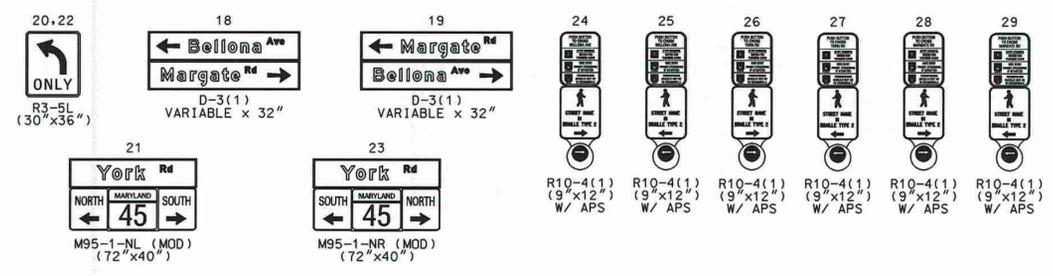


MD 45 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

**EXISTING SIGNAL HEADS**

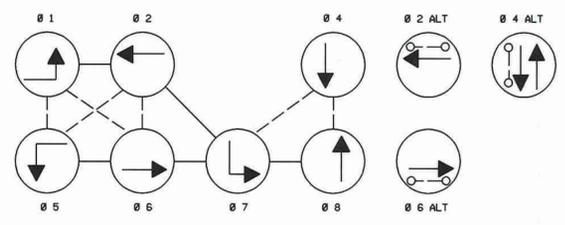


**EXISTING SIGNS**



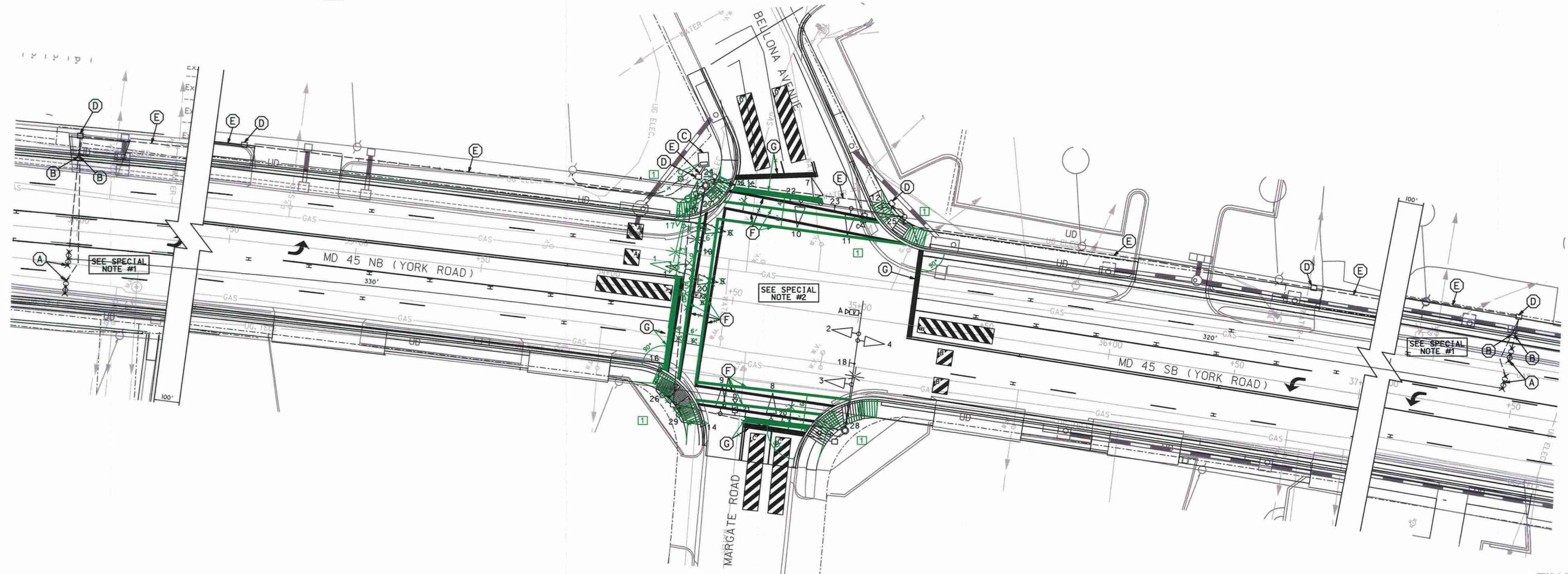
SEE SPECIAL NOTE #2

**NEMA PHASING**



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

**EXISTING VIDEO DETECTION CAMERAS**



SEE SPECIAL NOTE #1

SEE SPECIAL NOTE #2

SEE SPECIAL NOTE #1

**GEOMETRIC LEGEND**

- EXISTING GEOMETRICS
- PROPOSED GEOMETRICS
- - - EXISTING RIGHT OF WAY
- - - PROPOSED RIGHT OF WAY

**CONSTRUCTION DETAILS**

- A. INSTALL MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN WITHIN 4 IN. CONDUIT.
- B. INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
- C. USE EXISTING BASE MOUNTED CONTROLLER.
- D. USE EXISTING HANDHOLE.
- E. USE EXISTING CONDUIT.
- F. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE (STOP LINE).
- G. INSTALL 12 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE (CROSSWALK).

**GENERAL NOTES**

1. REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR ADDITIONAL INFORMATION.

**SPECIAL NOTES**

1. MICROLOOP PROBE SETS SHALL BE INSTALLED IN FINAL MD 45 TRAVEL LANE LOCATIONS AFTER ALL PAVEMENT GRINDING IS COMPLETED AND IMMEDIATELY PRIOR TO THE FINAL MD 45 PAVEMENT OVERLAY.
2. UNCOVER MD 45 LEFT TURN SIGNALS AND SIGNS. MODIFY SIGNAL PHASING.
3. VIDEO DETECTION AREAS MAY NEED TO BE ADJUSTED BASED ON FINAL PAVEMENT MARKINGS.
4. ALL CROSSWALKS ARE CENTERED TO THE CENTER OF THEIR RESPECTIVE CURB RAMPS.

**SHA** STATE OF MARYLAND  
 DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION  
 OFFICE OF TRAFFIC & SAFETY  
 TRAFFIC ENGINEERING DESIGN DIVISION  
 MARYLAND 45 (YORK ROAD) WIDENING  
 CAVAN DRIVE TO RIDGELY ROAD

SIGNALIZATION PLAN - MD 45 at Bellona Avenue / Margate Road	
SCALE 1"=20'	DATE _____ CONTRACT NO. BA7065171
DESIGNED BY _____	COUNTY BALTIMORE
DRAWN BY _____	LOGMILE 03004503.92
CHECKED BY _____	T.I.M.S. NO. _____
F.A.P. NO. SEE TITLE SHEET	TOD NO. _____
DRAWING NO. SS-20 OF SS-25	SHEET NO. 88 OF 137

APPROVALS	
TEAM LEADER	REVISIONS
ASST. DIV. CHIEF	1 GREENLINE REVISION NO.1 4/30/07
DIVISION CHIEF	2 RED LINE REVISION NO.2 03/05/10
OFFICE DIRECTOR	3 RECONSTRUCT SIGNAL DUE TO WIDENING BA7065171

PLOTTED: TUESDAY, FEBRUARY 23, 2010 AT 07:44 AM  
 FILE: I:\4674\10\DESIGN\ENGINEERING\PLANS\GREENLINE NO 8\SS20MD45 - GREENLINE NO 8.DGN

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BY: TIWEST

FINAL