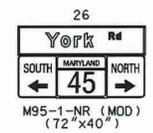
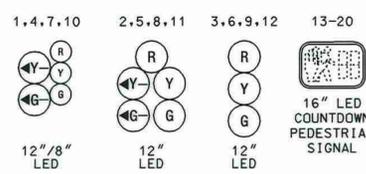
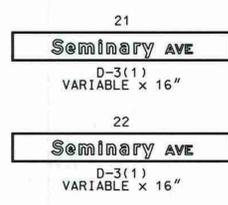


MD 45 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

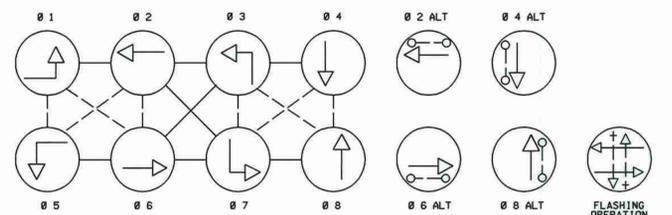
**EXISTING SIGNAL HEADS**



**EXISTING SIGNS**

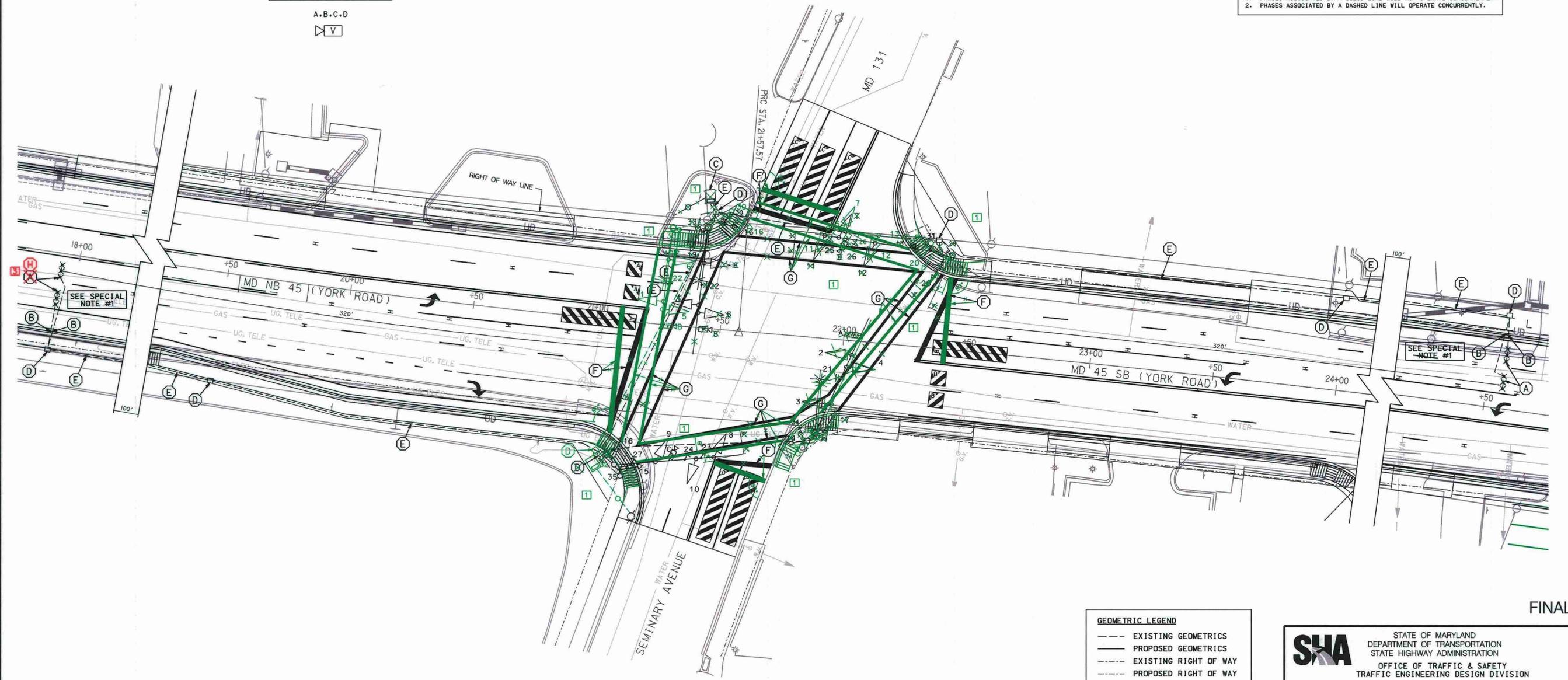


**EXISTING NEMA PHASING**



**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**



**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 IN. 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).
- H. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN.

**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. VIDEO DETECTION AREAS MAY NEED TO BE ADJUSTED BASED ON FINAL PAVEMENT MARKINGS.
- 3. ALL CROSSWALKS ARE CENTERED TO THE CENTER OF THEIR RESPECTIVE CURB RAMPS.

**SUA** 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 MD 131 (Seminary Avenue)**

SCALE 1"=20' DATE 5/78 CONTRACT NO. BA7065171

DESIGNED BY G. HARRIS COUNTY BALTIMORE  
 DRAWN BY G. HARRIS LOGMILE 03004503.67  
 CHECKED BY T.I.M.S. NO.  
 F.A.P. NO. SEE TITLE SHEET TOD NO.

DRAWING NO. SS-18 OF SS-25 SHEET NO. 86 OF 137

**APPROVALS**

TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

**REVISIONS**

1	GREENLINE REVISION NO. 1	4/30/07
2	RED LINE REVISION NO. 2	03/05/10
3	RECONSTRUCT SIGNAL DUE TO WIDENING	3/06

**McCormick Taylor**  
 Engineers & Planners  
 Since 1946

509 South Exeter Street  
 4th Floor  
 Baltimore, Maryland 21202  
 (410) 662-7400

BY: TIWEST

FINAL

PLOTTED: TUESDAY, FEBRUARY 23, 2010 AT 07:44 AM  
 FILE: I:\4674\18\DESIGN\ENGINEERING\PLANS\GREENLINE NO 8\SS18MD45 - GREENLINE NO 8.DGN