

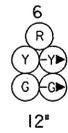
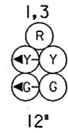
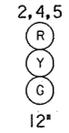


MD 146 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

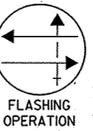
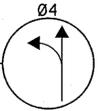
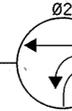
SIGNS



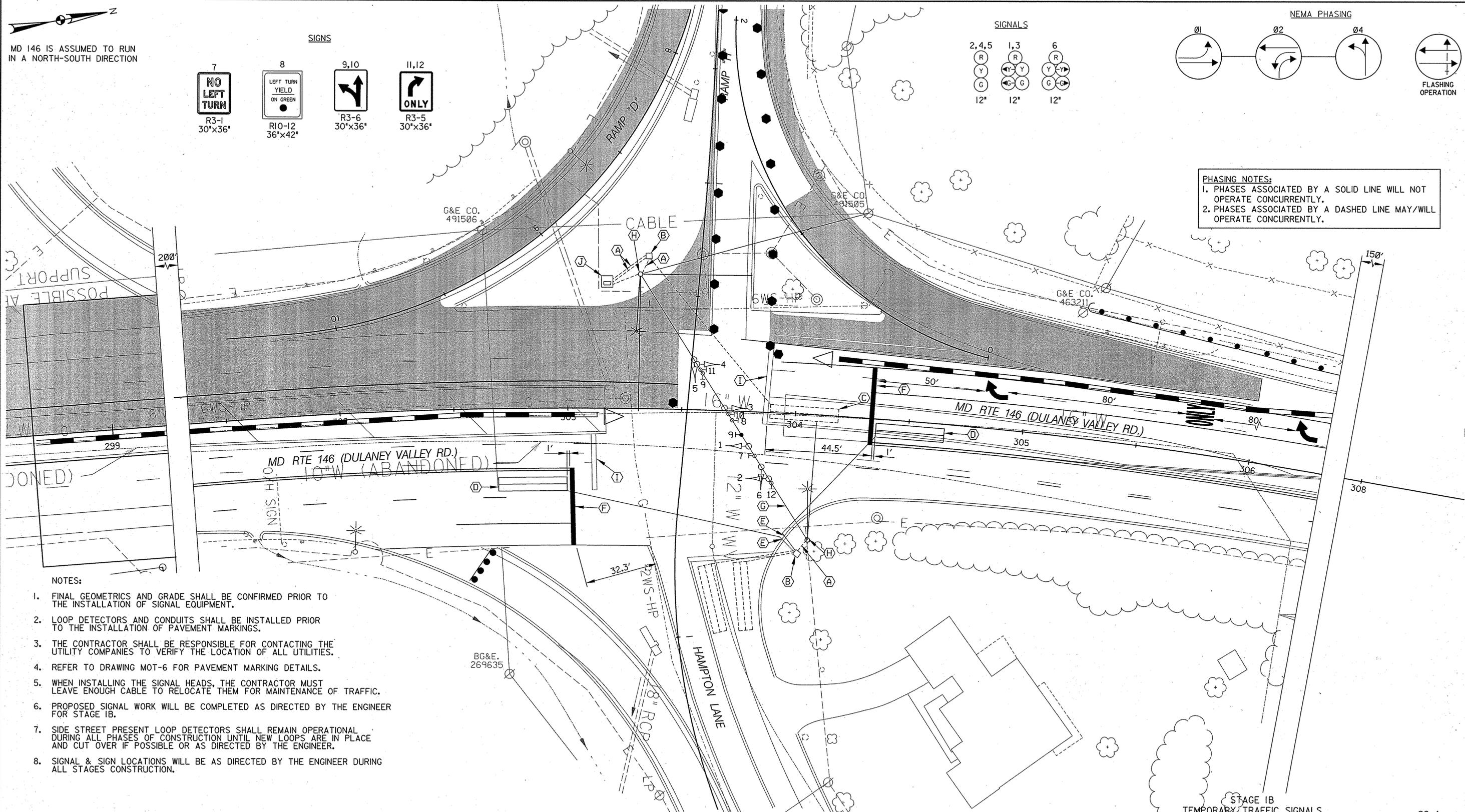
SIGNALS



NEMA PHASING



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



NOTES:

1. FINAL GEOMETRICS AND GRADE SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
2. LOOP DETECTORS AND CONDUITS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE UTILITY COMPANIES TO VERIFY THE LOCATION OF ALL UTILITIES.
4. REFER TO DRAWING MOT-6 FOR PAVEMENT MARKING DETAILS.
5. WHEN INSTALLING THE SIGNAL HEADS, THE CONTRACTOR MUST LEAVE ENOUGH CABLE TO RELOCATE THEM FOR MAINTENANCE OF TRAFFIC.
6. PROPOSED SIGNAL WORK WILL BE COMPLETED AS DIRECTED BY THE ENGINEER FOR STAGE IB.
7. SIDE STREET PRESENT LOOP DETECTORS SHALL REMAIN OPERATIONAL DURING ALL PHASES OF CONSTRUCTION UNTIL NEW LOOPS ARE IN PLACE AND CUT OVER IF POSSIBLE OR AS DIRECTED BY THE ENGINEER.
8. SIGNAL & SIGN LOCATIONS WILL BE AS DIRECTED BY THE ENGINEER DURING ALL STAGES CONSTRUCTION.

STAGE IB  
TEMPORARY TRAFFIC SIGNALS

SS-4

**RK & K**  
RUMMEL, KLEPPER & KAHL, LLP  
CONSULTING ENGINEERS  
81 MOSHER STREET  
BALTIMORE, MARYLAND 21217  
TEL: (410) 728-2900 FAX: (410) 383-3270

REVISIONS:	APPROVALS:
	CHIEF SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER TRAFFIC
	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION LOG MILE # 03014600.85

MD 146 (DULANEY VALLEY ROAD) AT  
I-695 RAMPS/HAMPTON LANE  
SIGNAL PLAN  
COUNTY: BALTIMORE

DRAWN BY: SMH  
DES. BY: DLA/SMH  
CHK. BY: BJH

DATE: NOVEMBER, 1998 F.A.P. NO. SEE TITLE SHEET  
SCALE: 1"=20' S.H.A. NO. BA9775372

TS/STD. NO.: 454E-X1B-PS  
SHEET NO.: 107 OF 155