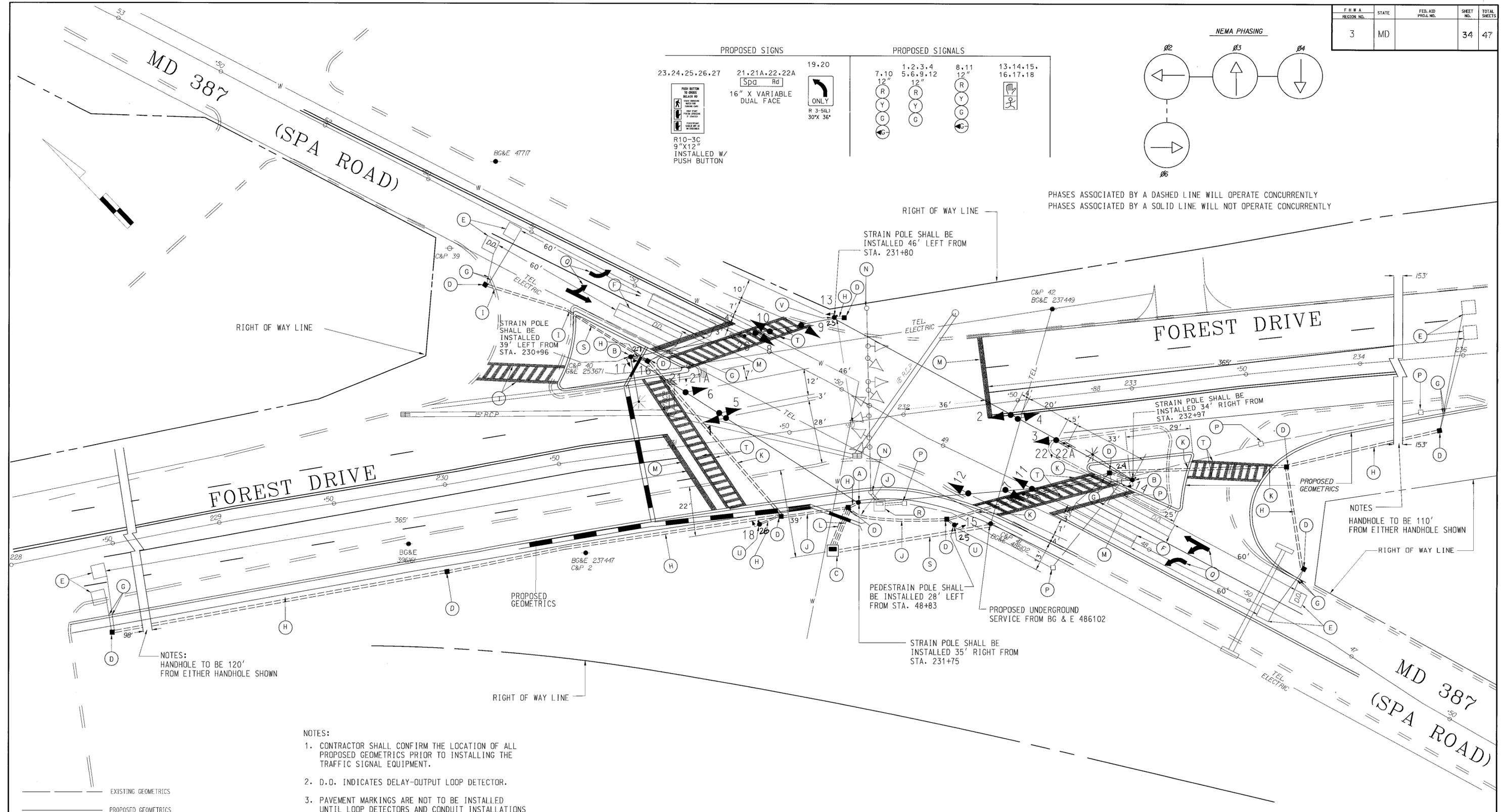


PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
 PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



NOTES:  
 HANDHOLE TO BE 110'  
 FROM EITHER HANDHOLE SHOWN

- NOTES:**
- CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING THE TRAFFIC SIGNAL EQUIPMENT.
  - D.O. INDICATES DELAY-OUTPUT LOOP DETECTOR.
  - PAVEMENT MARKINGS ARE NOT TO BE INSTALLED UNTIL LOOP DETECTORS AND CONDUIT INSTALLATIONS ARE COMPLETED.

**LEGEND OF UTILITIES**

A	A	AERIAL
G	G	GAS MAIN
W	W	WATER MAIN
S	S	SEWER MAIN
E	E	ELECTRIC CABLES
T	T	TELEPHONE CABLES
C	C	CABLE TELEVISION

**JOHNSON, MIRMIRAN, & THOMPSON, P.A.**  
 72 LOVETON CIRCLE  
 SPARKS, MARYLAND 21152  
 (410) 329-3100

REVISIONS	APPROVALS	REVISIONS
① RECONSTRUCT TRAFFIC SIGNAL DUE TO GEOMETRIC CHANGES S.H.A. NO. AA-317-202-971 11/92 ② ADD EXP. L-1 FOR S.B. MD 487 (SPA ROAD) 4/88 D.C.B. ③ S.H.A. NO. AA-374-501-585 RECONSTRUCTION OF A TWO PHASE INTERSECTION 10/83 E.M.M. ④ REDRAW 11/3/92 K.M.	CHIEF, DESIGN SECTION ASST. DISTRICT ENGINEER, TRAFFIC CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, TRAFFIC & SAFETY	ORIGINAL FILE

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
*Office of Traffic & Safety*  
**TRAFFIC ENGINEERING DESIGN DIVISION**

**FOREST DRIVE AND SPA ROAD**  
 LOGMILE: 02038700.66

DRAWN BY: KEN MASEK	F.A.P. NO.	TS NO.	SHEET NO.
CHK. BY: E.M. MILESKY	S.H.A. NO. AA3175376	121 ①	34 OF 47
SCALE: 1"=20'	COUNTY ANNE ARUNDEL		
DATE: 11/3/82			