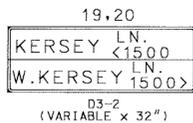
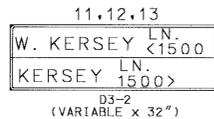
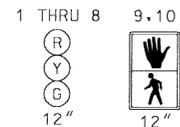


MD 189 IS ASSUMED TO RUN  
IN A NORTH-SOUTH DIRECTION

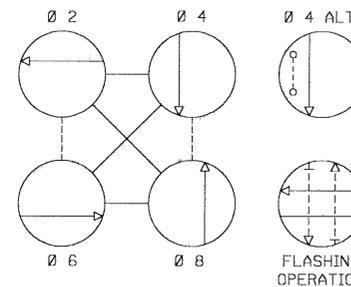
**SIGNS**



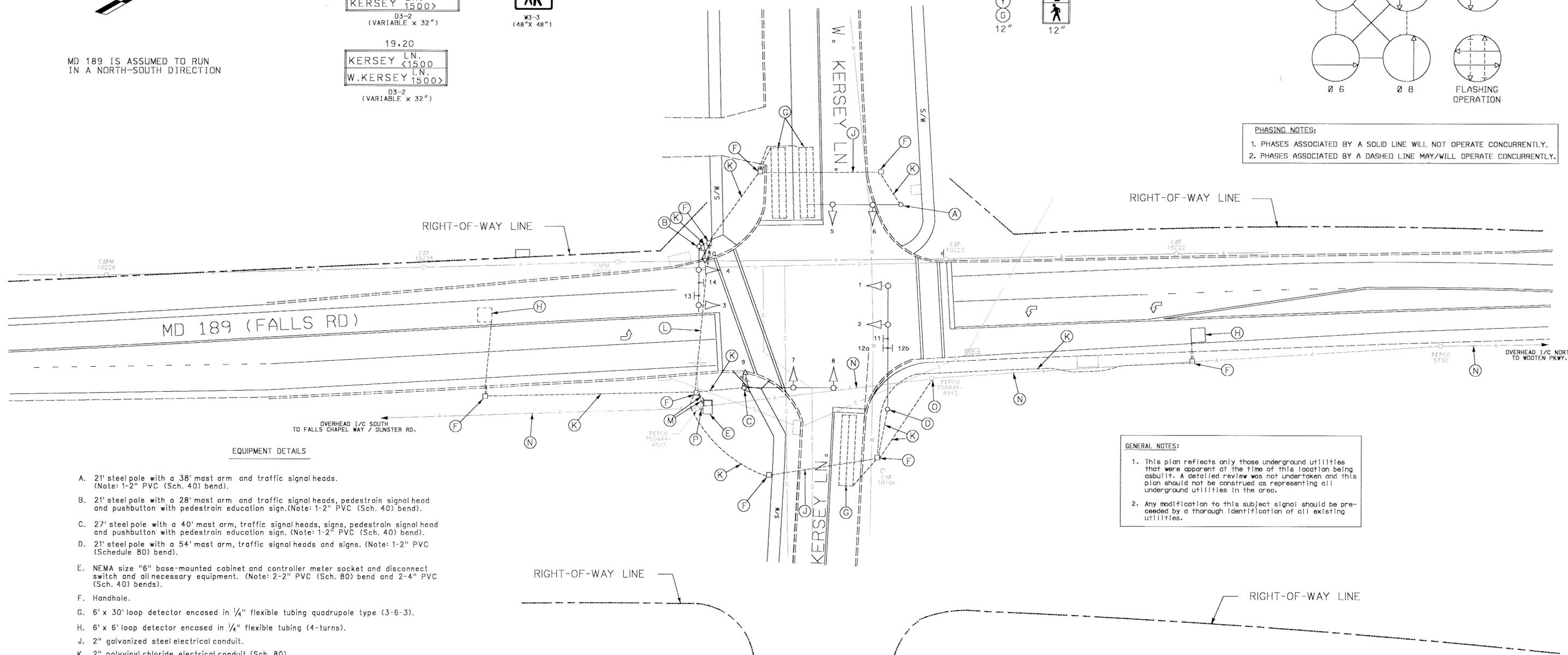
**SIGNALS**



**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.



**EQUIPMENT DETAILS**

- A. 21' steel pole with a 38' mast arm and traffic signal heads. (Note: 1-2" PVC (Sch. 40) bend).
- B. 21' steel pole with a 28' mast arm and traffic signal heads, pedestrian signal head and pushbutton with pedestrian education sign. (Note: 1-2" PVC (Sch. 40) bend).
- C. 27' steel pole with a 40' mast arm, traffic signal heads, signs, pedestrian signal head and pushbutton with pedestrian education sign. (Note: 1-2" PVC (Sch. 40) bend).
- D. 21' steel pole with a 54' mast arm, traffic signal heads and signs. (Note: 1-2" PVC (Schedule 80) bend).
- E. NEMA size "6" base-mounted cabinet and controller meter socket and disconnect switch and all necessary equipment. (Note: 2-2" PVC (Sch. 80) bend and 2-4" PVC (Sch. 40) bends).
- F. Handhole.
- G. 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).
- H. 6' x 6' loop detector encased in 1/4" flexible tubing (4-turns).
- J. 2" galvanized steel electrical conduit.
- K. 2" polyvinyl chloride electrical conduit (Sch. 80).
- L. 3" polyvinyl chloride electrical conduit (Sch. 80).
- M. 4" polyvinyl chloride electrical conduit (Sch. 80).
- N. Overhead interconnect cable.
- O. Splice cabinet with riser and interconnect cable located on PEPCO pole.
- P. Underground electrical service by PEPCO.

**GENERAL NOTES:**  
1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.  
2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.

**UTILITY LEGEND**

— G —	GAS MAIN
— W —	WATER MAIN
— S —	SEWER MAIN
— E —	ELECTRIC CABLES
— A —	AERIAL CABLES
— T —	TELEPHONE CABLES

REVISION "B" ASBUILT  STREET TRAFFIC STUDIES, LTD. Gateway International 1302 Concourse Drive, Suite 104 Linthicum, Maryland 21090 Ph (410) 859-3553 Fax (410) 859-3579	<b>REVISIONS</b> ① 2-4-99 ASBUILT SHA: NO M05715176 RRZ A JULY 1996 SHA: NO M05715176 TMZ	<b>APPROVALS</b> ASST. CHIEF TEDD SECTION ASST. DISTRICT ENGINEER, TRAFFIC CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, TRAFFIC & SAFETY	<b>MARYLAND DOT - STATE HIGHWAY ADMINISTRATION</b> Office of Traffic & Safety <b>TRAFFIC ENGINEERING DESIGN DIVISION</b> MD 189 (FALLS RD) AND KERSEY LANE DRAWN BY: W.J. NIES CHECK BY: R.R. ZACHERL DATE: D. DODA SCALE: 6-20-91 COUNTY: MONTGOMERY LOG MILE: 15018906.24 F.A.P. NO. S.H.A. NO.	TS NO. TS-3166B T.J.M.S. NO. 1 OF 1
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