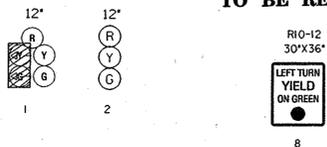


**PROPOSED SIGNALS    PROPOSED SIGNS**

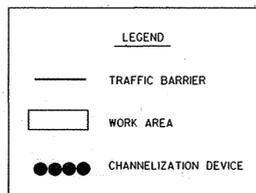


**EXISTING SIGNALS    EXISTING SIGNS TO BE REMOVED**



DENOTES EXISTING SIGNAL SECTION TO BE COVERED DURING CONSTRUCTION PHASE III

VIDEO TRAFFIC DETECTION SYSTEM



**CONSTRUCTION DETAILS**

- B. INSTALL 40 FOOT TEMPORARY WOOD POLE, SPAN WIRE, AND SIGNAL HEADS AS SHOWN.
- C. INSTALL ELECTRICAL HANDHOLE.
- D. REMOVE EXISTING HANDHOLE.
- E. USE EXISTING HANDHOLE.
- F. INSTALL 40 FOOT TEMPORARY WOOD POLE, SPAN WIRE, SIGNAL HEADS, SIGNS, VIDEO TRAFFIC DETECTION SYSTEM AND 3 INCH PVC CONDUIT RISER.

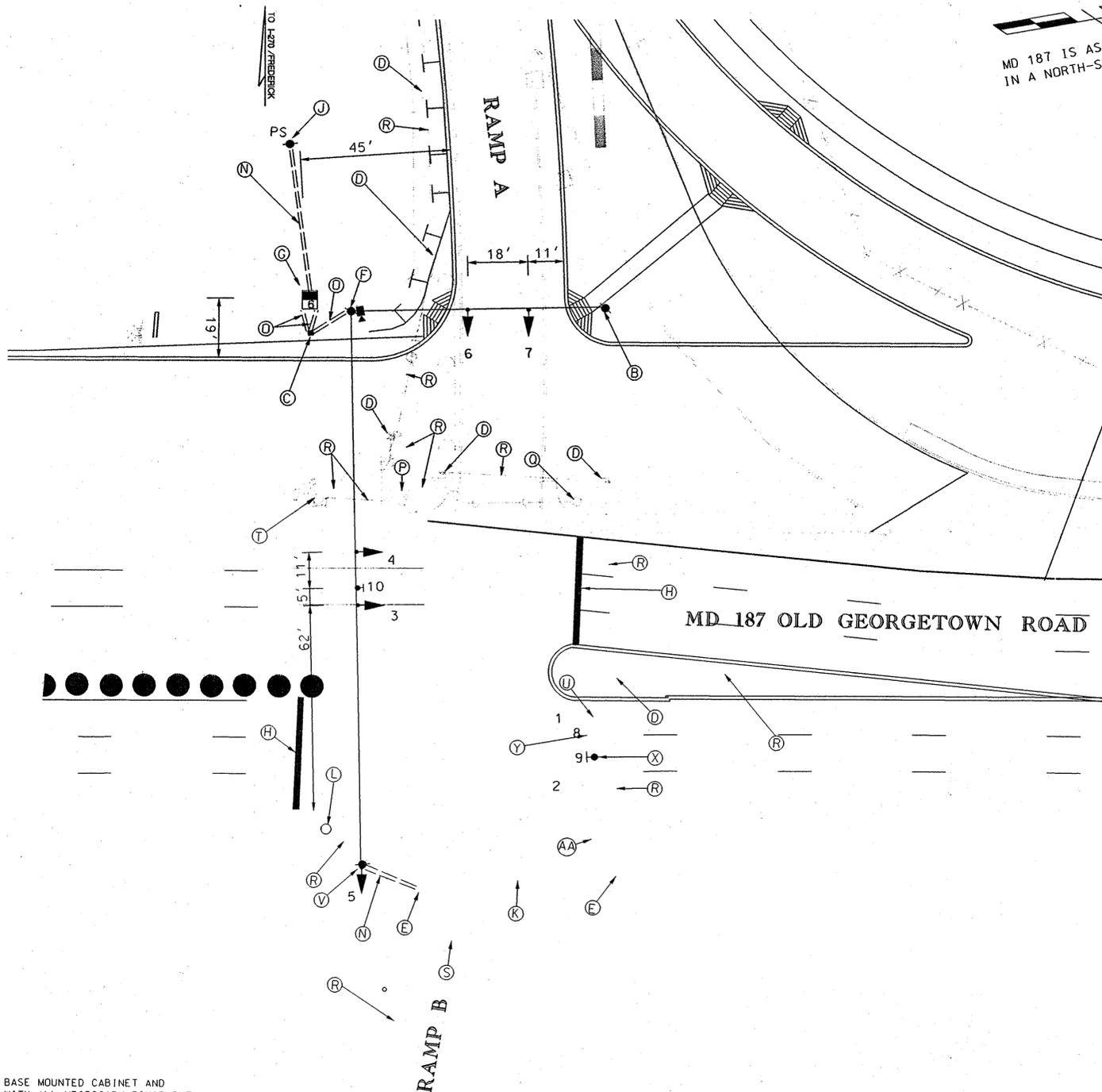
**GEOMETRICS LEGEND**

PROPOSED GEOMETRICS ———  
EXISTING GEOMETRICS - - - - -

**LEGEND OF UTILITIES**

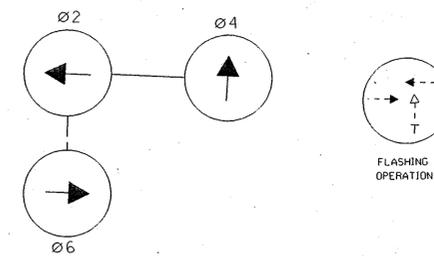
WATER ——— W ———  
GAS ——— G ———  
UNDERGROUND TELEPHONE ——— T ———  
SANITARY SEWER ——— S ———  
UNDERGROUND ELECTRIC ——— E ———  
AERIAL ——— A ———  
STORM DRAIN ——— SD ———  
SEWAGE FORCE MAIN ——— FM ———  
CABLE TV ——— TV ———

- G. INSTALL NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER AS SHOWN WITH ALL NECESSARY EQUIPMENT.
- H. INSTALL 24" TEMPORARY PAVEMENT MARKING TAPE FOR STOP LINE.
- J. PROPOSED PEPCO POWER SERVICE FEED.
- K. USE EXISTING CONDUIT.
- L. REMOVE EXISTING STRAIN POLE AND SPAN WIRE
- N. INSTALL 3" P.V.C. (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED
- D. INSTALL 4" P.V.C. (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED
- P. REMOVE EXISTING STEEL POLE, MAST ARM, CONTROLLER AND CABINET, SIGNALS, SIGNS, AND FOUNDATION.
- Q. REMOVE EXISTING STEEL POLE, MAST ARM, SIGNALS, SIGNS, AND FOUNDATION.
- R. CAP AND ABANDON EXISTING CONDUIT.
- S. DISABLE EXISTING LOOP DETECTORS.
- T. REMOVE EXISTING CABINET CONTROLLER AND FOUNDATION.
- U. COVER LEFT-TURN SIGNAL ARROW SECTIONS AS SHOWN.
- V. INSTALL 40 FOOT TEMPORARY WOOD POLE SPAN WIRE, SIGNAL HEADS, SIGNS AND 3 INCH PVC CONDUIT-RISER.
- Y. REMOVE OVERHEAD SIGN.
- X. INSTALL OVERHEAD SIGN
- AA. MAINTAIN EXISTING STEEL POLE, MAST ARM, AND SIGNALS. REWIRE AS SHOWN ON WIRING DIAGRAM.



MD 187 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

**NEMA PHASING**



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

- NOTES:**
- 1) ALL EQUIPMENT REMOVED TO BE SALVAGED SHALL BECOME PROPERTY OF MARYLAND STATE HIGHWAY ADMINISTRATION (SEE GENERAL INFORMATION SHEET).
  - 2) PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS.
  - 3) ALL UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE FIELD LOCATED. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY.
  - 4) GEOMETRICS SHALL BE CONFIRMED PRIOR TO INSTALLATION OF SIGNAL EQUIPMENT.
  - 5) SIGNAL HEAD AND SIGN ALIGNMENT DURING CONSTRUCTION PHASES TO BE CONFIRMED BY ENGINEER.

REVISION 'C'  
**KCI TECHNOLOGIES INC.**  
ENGINEERS AND PLANNERS  
10 NORTH PARK DRIVE  
HUNT VALLEY, MARYLAND  
21030-1888  
(410) 316-7800

REVISIONS	APPROVALS
ADDENDUM NO. 2 REPLACEMENT SHEET 11/30/00	<b>ORIGINAL</b> TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
NEW MD 187 GEOMETRICS 15' HD. SH.A. CONF. NO. MD0995172	<b>ON</b> ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
REVISED SIGNAL HEAD DISPLAY 10/14/76	<b>FILE</b> CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
Office of Traffic & Safety  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
I-270 INTERCHANGES AT ROCKLEDGE DRIVE AND MD 187  
TEMPORARY TRAFFIC SIGNAL PLAN (PHASE III)  
I-270 RAMP A/RAMP B AT MD 187 (OLD GEORGETOWN ROAD)

DRAWN BY: STEVE RENZI	F.A.P. NO.	TS NO.
CHECKED BY: STEVE RENZI	S.H.A. NO.	125C-PXI
SCALE: 1" = 30'	COUNTY: MONTGOMERY	T.I.M.S. NO.
DATE: 12/27/74	LOG MILE: 15018703.80	D-311

SHEET NO. 258B OF 404