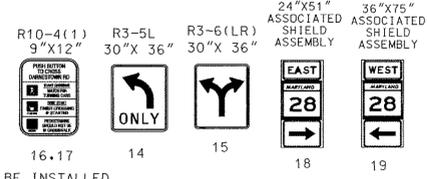
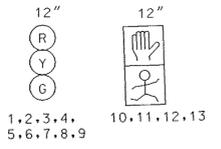


MD 28 IS ASSIGNED TO RUN IN AN EAST-WEST DIRECTION

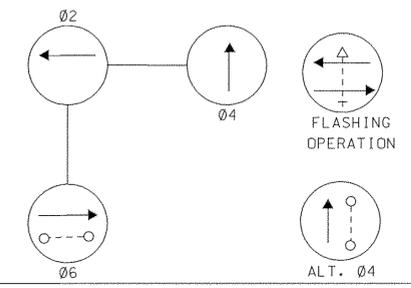
PROPOSED SIGNS



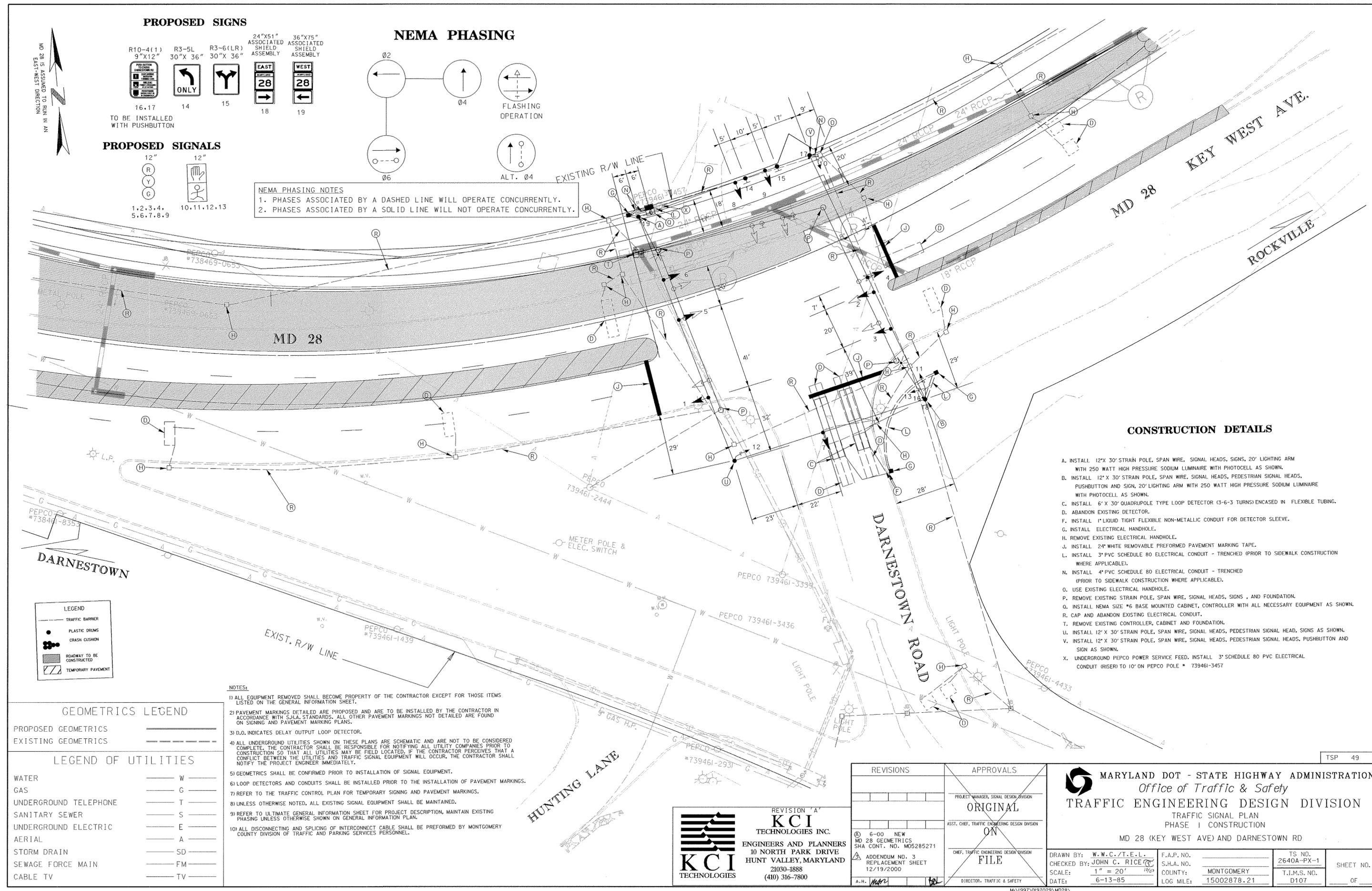
PROPOSED SIGNALS



NEMA PHASING

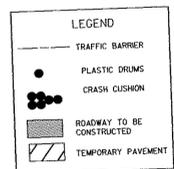


NEMA PHASING NOTES
 1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
 2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

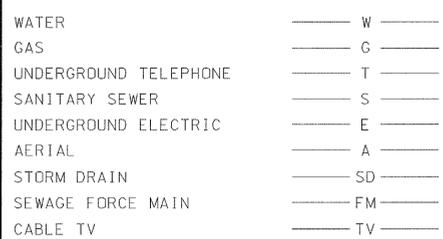
- A. INSTALL 12' X 30' STRAIN POLE, SPAN WIRE, SIGNAL HEADS, SIGNS, 20' LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE WITH PHOTOCELL AS SHOWN.
- B. INSTALL 12' X 30' STRAIN POLE, SPAN WIRE, SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN, 20' LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE WITH PHOTOCELL AS SHOWN.
- C. INSTALL 6' X 30' QUADRUPOLE TYPE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN FLEXIBLE TUBING.
- D. ABANDON EXISTING DETECTOR.
- F. INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
- G. INSTALL ELECTRICAL HANDHOLE.
- H. REMOVE EXISTING ELECTRICAL HANDHOLE.
- J. INSTALL 24" WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE.
- L. INSTALL 3" PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED (PRIOR TO SIDEWALK CONSTRUCTION WHERE APPLICABLE).
- N. INSTALL 4" PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED (PRIOR TO SIDEWALK CONSTRUCTION WHERE APPLICABLE).
- O. USE EXISTING ELECTRICAL HANDHOLE.
- P. REMOVE EXISTING STRAIN POLE, SPAN WIRE, SIGNAL HEADS, SIGNS, AND FOUNDATION.
- Q. INSTALL NEMA SIZE #6 BASE MOUNTED CABINET, CONTROLLER WITH ALL NECESSARY EQUIPMENT AS SHOWN.
- R. CAP AND ABANDON EXISTING ELECTRICAL CONDUIT.
- T. REMOVE EXISTING CONTROLLER, CABINET AND FOUNDATION.
- U. INSTALL 12' X 30' STRAIN POLE, SPAN WIRE, SIGNAL HEADS, PEDESTRIAN SIGNAL HEAD, SIGNS AS SHOWN.
- V. INSTALL 12' X 30' STRAIN POLE, SPAN WIRE, SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN AS SHOWN.
- X. UNDERGROUND PEPCO POWER SERVICE FEED. INSTALL 3" SCHEDULE 80 PVC ELECTRICAL CONDUIT (RISER) TO 10' ON PEPCO POLE # 739461-3457



GEOMETRICS LEGEND



LEGEND OF UTILITIES



- NOTES:**
- 1) ALL EQUIPMENT REMOVED SHALL BECOME PROPERTY OF THE CONTRACTOR EXCEPT FOR THOSE ITEMS LISTED ON THE GENERAL INFORMATION SHEET.
 - 2) PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS. ALL OTHER PAVEMENT MARKINGS NOT DETAILED ARE FOUND ON SIGNING AND PAVEMENT MARKING PLANS.
 - 3) D.O. INDICATES DELAY OUTPUT LOOP DETECTOR.
 - 4) 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.
 - 5) GEOMETRICS SHALL BE CONFIRMED PRIOR TO INSTALLATION OF SIGNAL EQUIPMENT.
 - 6) LOOP DETECTORS AND CONDUITS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
 - 7) REFER TO THE TRAFFIC CONTROL PLAN FOR TEMPORARY SIGNING AND PAVEMENT MARKINGS.
 - 8) UNLESS OTHERWISE NOTED, ALL EXISTING SIGNAL EQUIPMENT SHALL BE MAINTAINED.
 - 9) REFER TO ULTIMATE GENERAL INFORMATION SHEET FOR PROJECT DESCRIPTION, MAINTAIN EXISTING PHASING UNLESS OTHERWISE SHOWN ON GENERAL INFORMATION PLAN.
 - 10) ALL DISCONNECTING AND SPLICING OF INTERCONNECT CABLE SHALL BE PERFORMED BY MONTGOMERY COUNTY DIVISION OF TRAFFIC AND PARKING SERVICES PERSONNEL.

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

REVISIONS	APPROVALS
6-00 NEW MD 28 GEOMETRICS SHA CONT. NO. MD5285271 ADDENDUM NO. 3 REPLACEMENT SHEET 12/19/2000 A.H.	PROJECT MANAGER, SIGNAL DESIGN DIVISION ORIGINAL ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION ON CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION FILE DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
 TRAFFIC SIGNAL PLAN
 PHASE I CONSTRUCTION
 MD 28 (KEY WEST AVE) AND DARNESTOWN RD

DRAWN BY: W.W.C./T.E.L.	F.A.P. NO.	TS NO.
CHECKED BY: JOHN C. RICE	S.H.A. NO.	2640A-PX-1
SCALE: 1" = 20'	COUNTY: MONTGOMERY	T.J.M.S. NO. D107
DATE: 6-13-85	LOG MILE: 15002878.21	SHEET NO. OF

TSP 49