SIGNALS FROM PREVIOUS PHASE TO REMAIN

12" — 11,12,13,14, 15,16,17,18

12" — R Y G — 6,7,8, 9,10

12" — R Y G — 1,4,5

MD 28 DARNESTOWN ROAD IS ASSUMED TO RUN IN EAST-WEST DIRECTION.

SIGNALS FROM PREVIOUS PHASE TO BE RELOCATED

12" — R Y G — 3

12" — R Y G — 2

SIGNS FROM PREVIOUS PHASE TO REMAIN

R10-4(1) 9"x12" — PUSH BUTTON TO CROSS DARNESTOWN RD — 23,24,25,26

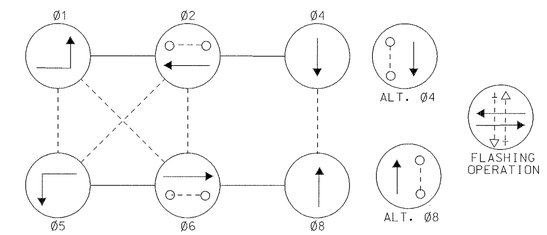
R10-12 36"X42" — LEFT TURN YIELD ON GREEN — 20

VARIABLE X 16" — Dornestown RD — 21,22

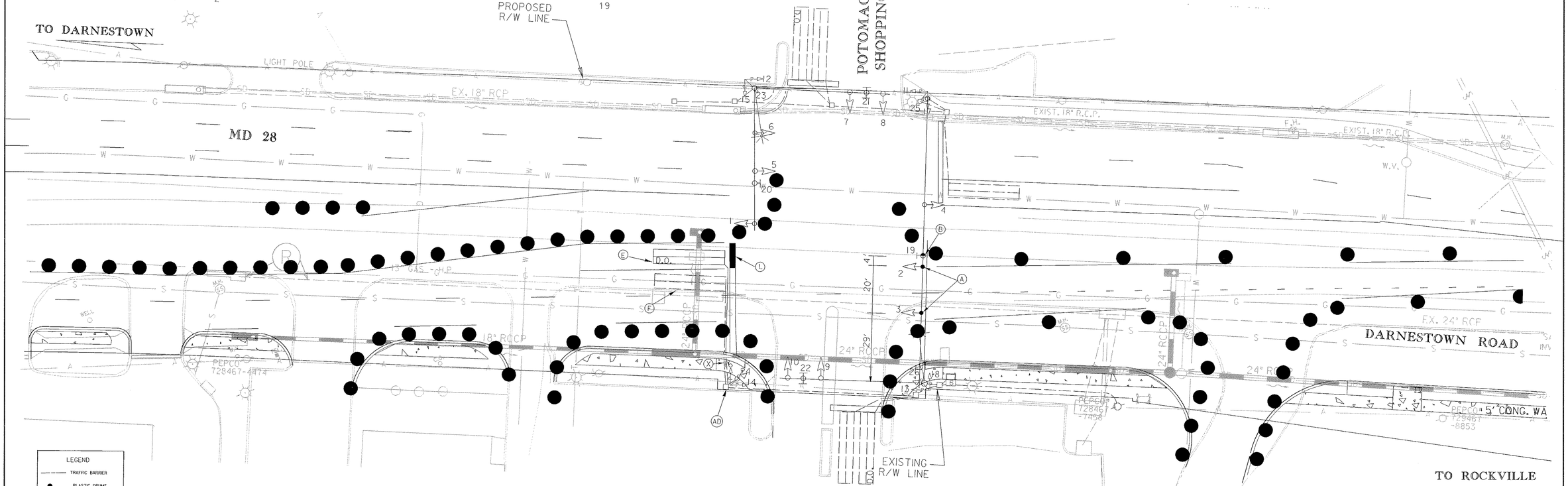
SIGNS FROM PREVIOUS PHASE TO BE RELOCATED

R10-12 36"X42" — LEFT TURN YIELD ON GREEN — 19

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.



LEGEND
- TRAFFIC BARRIER
- PLASTIC DRUMS
- CRASH CUSHION
- ROADWAY TO BE CONSTRUCTED
- TEMPORARY PAVEMENT

CONSTRUCTION DETAILS

A. RELOCATE SIGNAL HEAD.
B RELOCATE OVERHEAD SIGN.
E. INSTALL PROPOSED 6' X 30' QUADRUPOLE TYPE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN FLEXIBLE TUBING.
F. ABANDON EXISTING DETECTOR.
L. INSTALL PROPOSED 24" WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE.
X. INSTALL 1 INCH ELECTRICAL CONDUIT - GALVANIZED SLEEVE.
AD. SPLICE LOOP WIRE TO LEAD IN CABLE INSTALLED IN PREVIOUS PHASE.

EQUIPMENT LIST 'B'

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

SPECIFICATION

QUANTITY	UNIT	SECTION	DESCRIPTION
10	LF	556	24 INCH WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE
532	LF	810	FURNISH AND INSTALL LOOP DETECTOR SPLICED TO EXISTING 2-CONDUCTOR (ALUMINUM SHIELD)
142	LF	815	FURNISH AND INSTALL SAWCUT FOR SIGNAL (LOOP DETECTOR)
15	LF	805	FURNISH AND INSTALL 1 INCH ELECTRICAL CONDUIT - GALVANIZED SLEEVE
2	EA	814	RELOCATE EXISTING SIGNAL HEADS
1	EA	SP	RELOCATE EXISTING OVERHEAD SIGN

TSP 23

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

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

REVISIONS
A 10-00 NEW MD 28 GEOMETRICS SHA CONT. NO. M05285271
3 ADDENDUM NO. 3 REPLACEMENT SHEET 12/19/2000
N.P.

APPROVALS
PROJECT MANAGER, SIGNAL DESIGN DIVISION
ORIGINAL ON FILE
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
PHASE 3 CONSTRUCTION
MD 28 (DARNESTOWN RD) AND POTOMAC VALLEY SHOPPING CENTER

DRAWN BY: S.C.K.	F.A.P. NO.		TS NO. 3474A-PX-3	SHEET NO. ___ OF ___
CHECKED BY: STEVE RENZI	S.H.A. NO.	M528-501-371		
SCALE: 1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. D107	
DATE: OCTOBER 1994	LOG MILE:	15002815.79		

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