SIGNALS FROM PREVIOUS PHASE TO REMAIN

12" 12" 12"

6,7,8, 9,10 1,4,5

SIGNALS FROM PREVIOUS PHASE TO BE RELOCATED

12" 12"

3 2

SIGNS FROM PREVIOUS PHASE TO REMAIN

R10-4(1) 9"x12" — 23,24,25,26

R10-12 36"X42" — 20

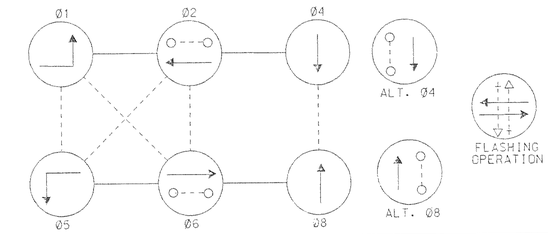
VARIABLE X 16" DUAL FACE — 21,22

SIGNS FROM PREVIOUS PHASE TO BE RELOCATED

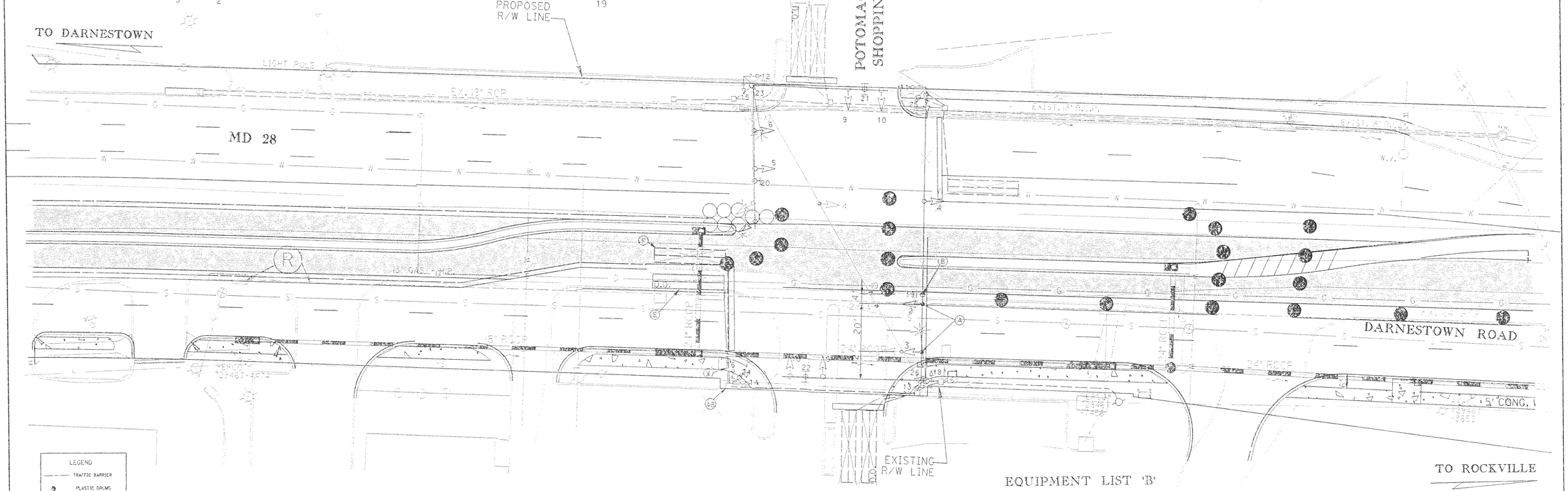
R10-12 36"X42" — 19

VIDEO TRAFFIC DETECTION SYSTEM

## 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.
[4] E. INSTALL PROPOSED 5" X 30" QUADRUPOLE TYPE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN FLEXIBLE TUBING.
[4] F. ABANDON EXISTING DETECTOR.
[4] G. INSTALL 2 INCH ELECTRICAL CONDUIT - GALVANIZED SLEEVE.
[4] AB. 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.

| | QUANTITY | UNIT | SPECIFICATION SECTION | DESCRIPTION |
|---|---|---|---|---|
| [4] | 492 | LF | 810 | FURNISH AND INSTALL LOOP DETECTOR SPLICED TO EXISTING 2-CONDUCTOR (ALUMINUM SHEILD) |
| [5] | 124 | LF | 815 | FURNISH AND INSTALL SAWCUT FOR SIGNAL |
| [4] | 15 | LF | 805 | FURNISH AND INSTALL 1 INCH ELECTRICAL CONDUIT - GALVANIZED SLEEVE |
| [4] | 3 2 | EA | 810 | RELOCATE EXISTING SIGNAL HEADS |
| | 1 | EA | SP | RELOCATE EXISTING OVERHEAD SIGN |

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 |

TSP 24

REVISIONS

(A) 10-00 NEW
MD 28 GEOMETRICS
SHA CONT. NO. MO5285271

(A) ADDENDUM NO. 3 REPLACEMENT SHEET 12/19/2000

[4] REDLINE NO. 4 REPLACEMENT SHEET 9/07/2001

M.P.

APPROVALS

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

REVISION 'A'
KCI TECHNOLOGIES INC.
ENGINEERS AND PLANNERS
10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-1883
(410) 316-7860

KCI TECHNOLOGIES

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
*Office of Traffic & Safety*
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
PHASE 4 CONSTRUCTION
MD 28 (DARNESTOWN RD) AND POTOMAC VALLEY SHOPPING CENTER

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY: S.O.K. | F.A.P. NO. | | TS NO. | SHEET NO. |
| CHECKED BY: STEVE RENZI | S.H.A. NO. | M528-501-371 | 3474A-PX-4 | |
| SCALE: 1" = 20' | COUNTY: | MONTGOMERY | T.I.M.S. NO. | 323 OF 434 |
| DATE: OCTOBER 1994 | LOG MILE: | 15002815.79 | D107 | |

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01 5:32:05 PM G:\PLOTTING\PS7\OCF\MYLAR_HP.cfg McSendy Pierre Division: Transportation m:\1997\0197029\md28\MACGRUDR\SPOINC-4.PRF