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## EXISTING SIGNS

R10-4(1) 9"X12" — 16.17 — TO BE INSTALLED WITH PUSHBUTTON

R3-5L 30"X 36" — 14

R3-6(LR) 30"X 36" — 15

24"X51" ASSOCIATED SHIELD ASSEMBLY — 18

24"X51" ASSOCIATED SHIELD ASSEMBLY — 19

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

## EXISTING SIGNALS

12" R Y G — 1.2.3.4. 5.6.7.8.9

12" — 10.11.12.13

## NEMA PHASING

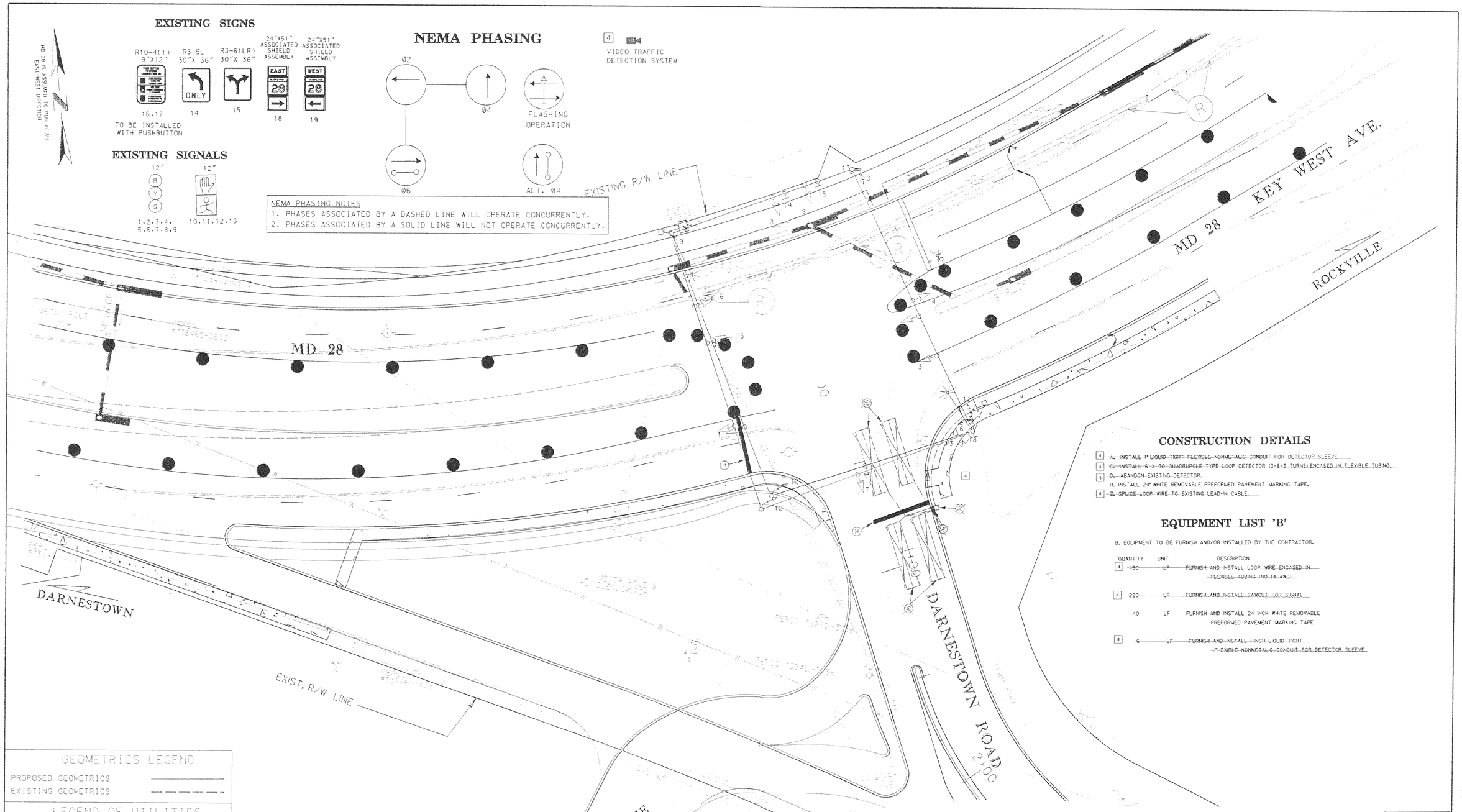
Ø2 Ø4 Ø6 Ø4

FLASHING OPERATION

ALT. Ø4

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

[4] VIDEO TRAFFIC DETECTION SYSTEM




## CONSTRUCTION DETAILS

[4] ~~A. INSTALL 1" LIQUID TIGHT FLEXIBLE NONMETALIC CONDUIT FOR DETECTOR SLEEVE.~~

[4] ~~C. INSTALL 6'X 30' QUADRUPOLE TYPE LOOP DETECTOR (3-6'x3' TURNS) ENCASED IN FLEXIBLE TUBING.~~

[4] ~~D. ABANDON EXISTING DETECTOR.~~

H. INSTALL 24" WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE.

[4] ~~Z. SPLICE LOOP WIRE TO EXISTING LEAD-IN CABLE.~~

## EQUIPMENT LIST 'B'

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

| | QUANTITY | UNIT | DESCRIPTION |
|---|---|---|---|
| [4] | ~~450~~ | ~~LF~~ | ~~FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)~~ |
| [4] | ~~220~~ | ~~LF~~ | ~~FURNISH AND INSTALL SAWCUT FOR SIGNAL~~ |
| | 40 | LF | FURNISH AND INSTALL 24 INCH WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE |
| [4] | ~~6~~ | ~~LF~~ | ~~FURNISH AND INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NONMETALIC CONDUIT FOR DETECTOR SLEEVE.~~ |

## 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 51

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

| REVISIONS | APPROVALS |
|---|---|
| (B) 10-00 NEW MD 28 GEOMETRICS SHB. CONT. NO. MD 5285271 | PROJECT MANAGER, SIGNAL DESIGN DIVISION: ORIGINAL |
| (A) ADDENDUM NO. 3 REPLACEMENT SHEET 12/19/2000 | ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION: ON |
| [4] REDLINE NO. 4 REPLACEMENT SHEET 8/23/2001 | CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION: FILE |
| [7] REDLINE NO. 7 REPLACEMENT SHEET 2/4/2002 | DIRECTOR, TRAFFIC & SAFETY |

Q.X.

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
*Office of Traffic & Safety*
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
PHASE 3 CONSTRUCTION
MD 28 (KEY WEST AVE) AND DARNESTOWN RD

| | | | |
|---|---|---|---|
| DRAWN BY: W.W.C./T.E.L. | F.A.P. NO. | TS NO. 2640A-PX-2 | SHEET NO. 337M OF 434 |
| CHECKED BY: JOHN C. RICE | S.H.A. NO. | | |
| SCALE: 1" = 20' | COUNTY: MONTGOMERY | T.I.M.S. NO. D107 | |
| DATE: 6-13-85 | LOG MILE: 15002878.21 | | |

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