22/01 6:31:25 PM G:\PLOTTING\PS7\OCF\MYLAR_HP.dgn McGendy Pierre Division: Transportation m:\1997\0107029\md28\MACGRUDR\SPO1MC-3.PRF

SIGNALS FROM PREVIOUS PHASE TO REMAIN

12" 12" 12"

11,12,13,14, 15,16,17,18 — 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

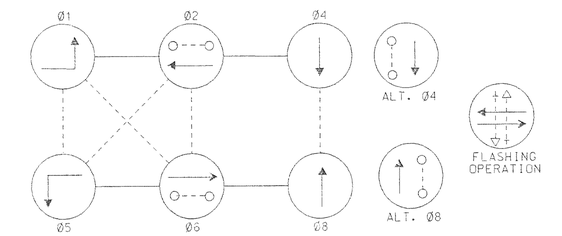
VARIABLE X 16" Darnestown — 21,22

SIGNS FROM PREVIOUS PHASE TO BE RELOCATED

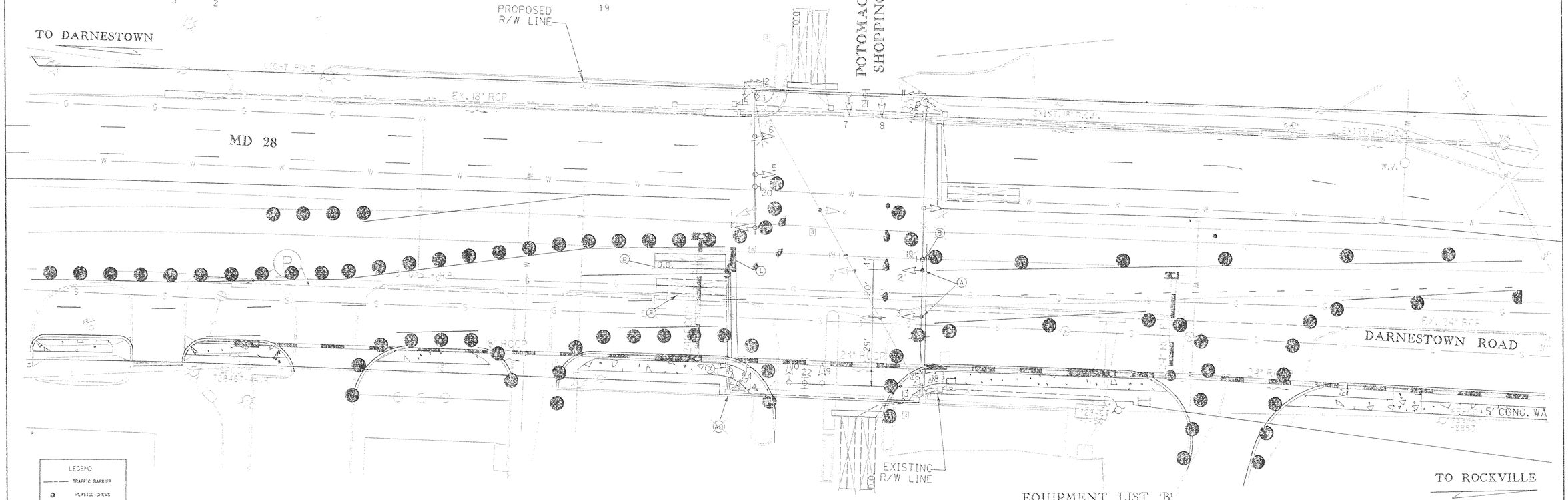
R10-12 36"X42" — 19

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 6' X 30' QUADRUPOLE TYPE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN FLEXIBLE TUBING.~~
~~[4] F. ABANDON EXISTING DETECTOR.~~
L. INSTALL PROPOSED 24" WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE.
~~[4] X. INSTALL 1 INCH ELECTRICAL CONDUIT - GALVANIZED SLEEVE.~~
~~[4] AD. SPL102 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
	10	LF	556	24 INCH WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE
~~[4]~~	~~520~~	~~LF~~	~~350~~	~~FURNISH AND INSTALL LOOP DETECTOR SPLICED TO EXISTING 2-CONDUCTOR (ALUMINUM SHIELD)~~
~~[4]~~	~~142~~	~~LF~~	~~315~~	~~FURNISH AND INSTALL SAWCUT FOR SIGNAL (LOOP DETECTOR)~~
~~[4]~~	~~15~~	~~LF~~	~~305~~	~~FURNISH AND INSTALL 1 INCH ELECTRICAL CONDUIT - GALVANIZED SLEEVE~~
~~[4]~~	~~3 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

KCI TECHNOLOGIES

REVISIONS	APPROVALS
(A) 10-00 NEW MD 28 GEOMETRICS SHA CONT. NO. MO5285271	PROJECT MANAGER, SIGNAL DESIGN DIVISION: ORIGINAL
(3) ADDENDUM NO. 3 REPLACEMENT SHEET 12/13/2000	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION: ON
(4) REDLINE NO. 4 REPLACEMENT SHEET 9/6/2001	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION: FILE
N.P.I.	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.
CHECKED BY: STEVE RENZI	S.H.A. NO. W528-501-371		
SCALE: 1" = 20'	COUNTY: MONTGOMERY	T.I.M.S. NO. D107	322 OF 434
DATE: OCTOBER 1994	LOG MILE: 15002813.79		

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