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SIGNALS FROM PREVIOUS PHASE TO REMAIN

12" 12"

7,8, 9,10

SIGNALS FROM PREVIOUS PHASE TO BE RELOCATED

12" 12"

6 1,5

PROPOSED SIGNS

R10-12
36"X42"

19

PROPOSED SIGNALS

12" 12"

3 2,4

SIGNS FROM PREVIOUS PHASE TO REMAIN

R10-4(1)
9"x12"

23,24,25,26

VARIABLE X 16"
DUAL FACE
Darnestown RD

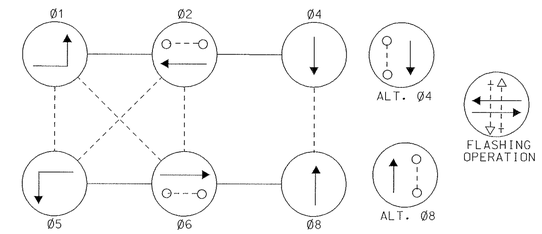
21,22

R10-12
36"X42"

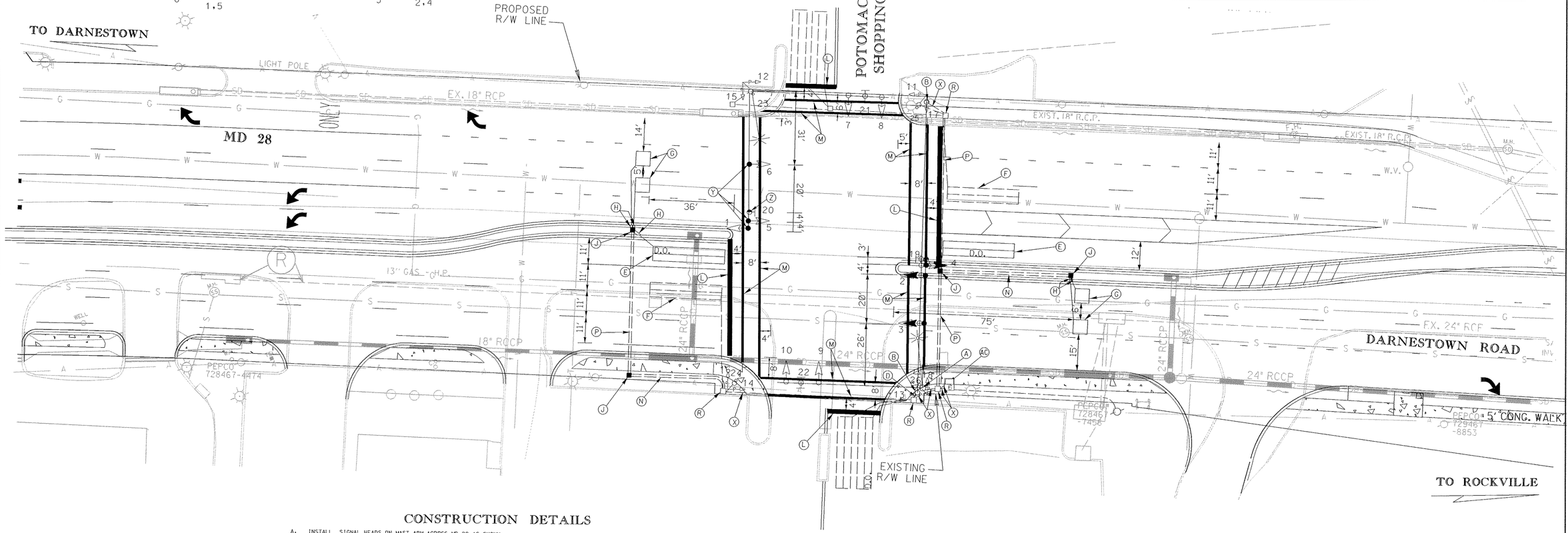
20

NO 28 DARNESTOWN ROAD IS ASSIGNED TO RUN IN EAST - WEST DIRECTION

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 SIGNAL HEADS ON MAST ARM ACROSS MD 28 AS SHOWN.
B. REMOVE 40 FOOT TEMPORARY WOOD POLE, SIGNAL HEADS AND SPAN WIRE INSTALLED IN PREVIOUS PHASE.
D. CAP AND ABANDON CONDUIT INSTALLED IN PREVIOUS PHASE.
E. INSTALL 6 FOOT X 30 FOOT QUADRUPOLE TYPE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN FLEXIBLE TUBING.
F. ABANDON EXISTING DETECTOR.
G. INSTALL 6 FOOT X 6 FOOT LOOP DETECTOR (4 TURNS) ENCASED IN FLEXIBLE TUBING.
H. INSTALL 1 INCH LIQUID-TIGHT NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
J. INSTALL ELECTRICAL HANDHOLE.
L. INSTALL 24 INCH HEAT APPLIED WHITE PREMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.
M. INSTALL 12 INCH HEAT APPLIED WHITE PREMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.
N. INSTALL 3 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED (PRIOR TO SIDEWALK CONSTRUCTION WHERE APPLICABLE).
P. INSTALL 4 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
R. USE ELECTRICAL HANDHOLE INSTALLED IN PREVIOUS PHASE.
X. USE ELECTRICAL CONDUIT INSTALLED IN PREVIOUS PHASE.
Y. RELOCATE SIGNAL HEADS.
Z. RELOCATE OVERHEAD SIGNS.
AC. USE CONTROLLER INSTALLED IN PREVIOUS PHASE.

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

REVISIONS	APPROVALS
A 10-00 NEW MD 28 GEOMETRICS SHA CONT. NO. M05285271	PROJECT MANAGER, SIGNAL DESIGN DIVISION: ORIGINAL
A ADDENDUM NO. 3 REPLACEMENT SHEET 12/19/2000	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION: ON
M.P.	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION: FILE
	DIRECTOR, TRAFFIC & SAFETY

M:\1997\DI97029\MD28\

TSP 25

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

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

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