DRILL HOLES

BORDER REV: DATE: June 1, 2004

OVERHEAD UTILITY HEIGHTS

1/- I/C - 21'-6"
CATV - 22'-0"
SEC. - 28'-1"
PRIM. - 38'-6"

2/- CATV - 23'-6"
I/C - 25'-1"
SEC. - 28'-0"
SEC. - 29'-0"
SEC. - 30'-0"
PRIM. - 40'-0"

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

EXISTING SIGNS

23: END / MARYLAND 112 / WEST (MARYLAND 28) EAST (MARYLAND 28)

15: SOUTH / MARYLAND 112 — M3-3 24"x 12", M1-5 30"x 24", M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 30" x 51".

20: WEST / MARYLAND 28 — M3-4 24"x 12", M1-5 24"x 24" — POOLESVILLE 8 / FREDERICK — ASSOCIATED SHIELD ASSEMBLY

21: SOUTH / MARYLAND 112 — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

17b,19a: Seneca RD (4200)
17a,19b: Seneca RD (4200)
D3-2 Dual faced (Variable x 16")

24a: Darnestown RD (4000)
24b: Darnestown RD (4000)
D3-2 Dual faced (Variable x 16")

22: RIGHT LANE MUST TURN RIGHT — R3-7R 30" x 30"

25: ONLY — R3-5R 30" x 36"

16,18: LEFT TURN YIELD ON GREEN — R10-12 36"x 42"

PROPOSED SIGNS

PUSH BUTTON TO CROSS DARNESTOWN RD — START CROSSING WHEN YOU PUSH BUTTON — ONCE IN CROSSWALK FINISH CROSSING IF STARTED — PEDESTRIANS NEVER MOVE IN CROSSWALK
R10-4C 9" x 12" TO BE INSTALLED ON POLES "A" AND "B"

START CROSSING WHEN YOU PUSH BUTTON — ONCE IN CROSSWALK FINISH CROSSING IF STARTED — PEDESTRIANS NEVER MOVE IN CROSSWALK
R10-4C 9" x 12" TO BE INSTALLED ON POLE "E"

PROPOSED SIGNALS

11-14: 16" PEDESTRIAN COUNTDOWN SIGNAL HEAD "LED" TYPE

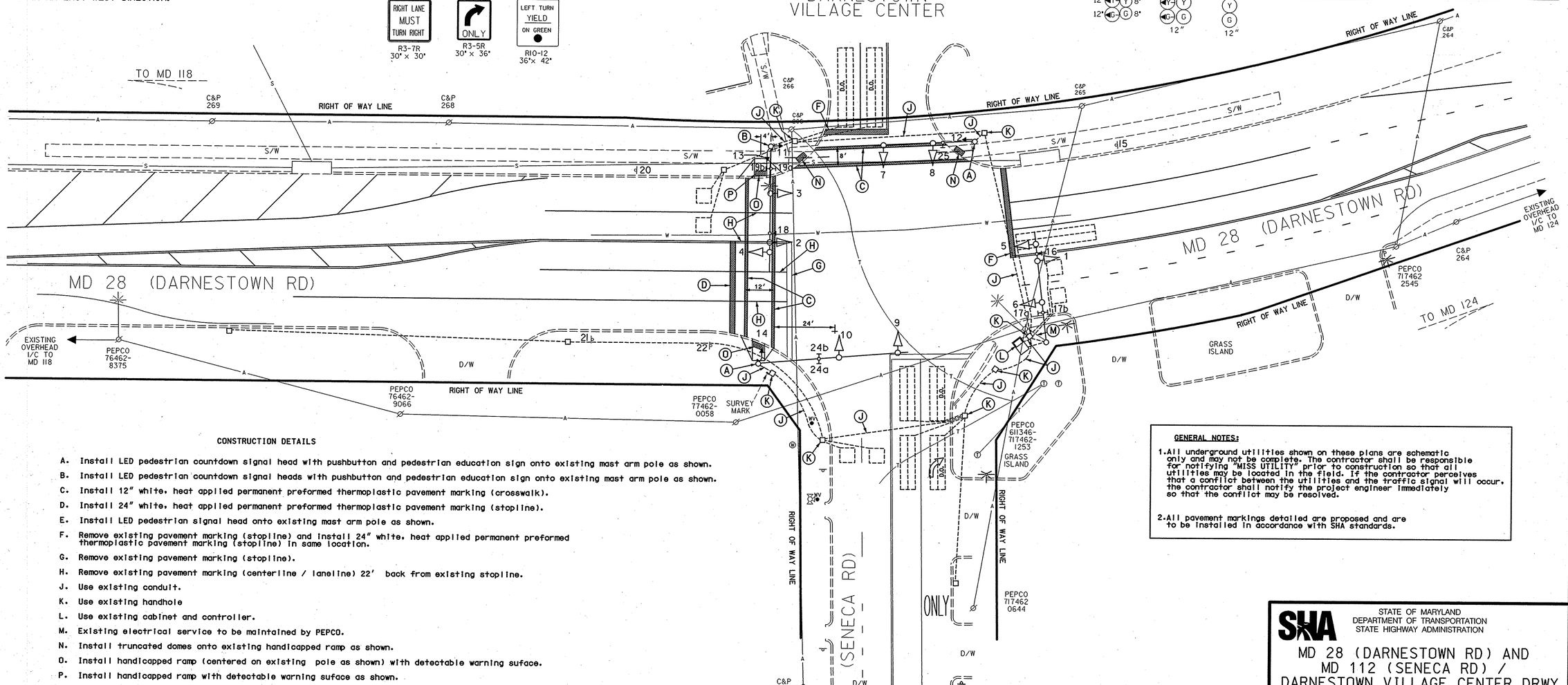
EXISTING SIGNALS

1: R 8", Y 8", G 8", C 12", C 12"
2: R, Y, G, C 12"
3-10: R, Y, G 12"

NEMA PHASING

Ø2, Ø4, Ø4 ALT, Ø5, Ø6, Ø8, FLASHING OPERATION

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



CONSTRUCTION DETAILS

A. Install LED pedestrian countdown signal head with pushbutton and pedestrian education sign onto existing mast arm pole as shown.
B. Install LED pedestrian countdown signal heads with pushbutton and pedestrian education sign onto existing mast arm pole as shown.
C. Install 12" white, heat applied permanent preformed thermoplastic pavement marking (crosswalk).
D. Install 24" white, heat applied permanent preformed thermoplastic pavement marking (stopline).
E. Install LED pedestrian signal head onto existing mast arm pole as shown.
F. Remove existing pavement marking (stopline) and install 24" white, heat applied permanent preformed thermoplastic pavement marking (stopline) in same location.
G. Remove existing pavement marking (stopline).
H. Remove existing pavement marking (centerline / laneline) 22' back from existing stopline.
J. Use existing conduit.
K. Use existing handhole
L. Use existing cabinet and controller.
M. Existing electrical service to be maintained by PEPCO.
N. Install truncated domes onto existing handicapped ramp as shown.
O. Install handicapped ramp (centered on existing pole as shown) with detectable warning suface.
P. Install handicapped ramp with detectable warning suface as shown.

GENERAL NOTES:

1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.

2. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

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APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
E 10/26/05 ADD PED PHASES ACROSS WEST LEG AND NORTH LEG OF INTERSECTION — RRZ
D 6/00 ADD E/P LT TO WB MD 28 — CJ | W.M. | M.A.R. | D.A.Z. | B.R.K. | T.H.
C 4-98 REBUILD SIGNAL DUE TO MD 28 WIDENING SHA NO.: BW996M62 — RRZ

PLOTTED: $DATETIME$
FILE: $FILE$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 28 (DARNESTOWN RD) AND MD 112 (SENECA RD) / DARNESTOWN VILLAGE CENTER DRWY

SCALE 1"= 20' DATE 10/89 CONTRACT NO. BW-306-801-312
DESIGNED BY R.R.Z. COUNTY MONTGOMERY
DRAWN BY THACKER LOGMILE 15002813.18
CHECKED BY EMM/D.J.D TIMS NO. H288
F.A.P. NO. TOD NO.
TS NO. 2372E DRAWING NO. OF SHEET NO. 1 OF 2

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