DRILL HOLES

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BORDER REV: DATE: June 1, 2004

EXISTING SIGNS

20.24 — NO TURN ON RED — R10-11b 24" x 24"

22a.23b — University BLVD W <1500 — D3-2 (DUAL-FACED) VARIABLE X 16"

22b.23a — University BLVD W 1500> — D3-2 (DUAL-FACED) VARIABLE X 16"

19b.21a — Inwood AVE 1100> — D3-2 (DUAL-FACED) VARIABLE X 16"

19a.21b — Inwood AVE <1100 — D3-2 (DUAL-FACED) VARIABLE X 16"

PROPOSED SIGNS

R10-4C 9" x 12" (TO BE INSTALLED WITH PUSHBUTTON) — INWOOD AVENUE

R10-4C 9" x 12" (TO BE INSTALLED WITH PUSHBUTTON) — MD 193

PUSH BUTTON TO CROSS INWOOD AVENUE / PUSH BUTTON TO CROSS UNIVERSITY BLVD
START CROSSING WATCH FOR TURNING CARS
DON'T START FINISH CROSSING IF STARTED
PEDESTRIANS SHOULD NOT BE IN CROSSWALK
CROSSING INSTRUCTIONS ENGLISH BRAILLE TYPE 2

NOTE: MD 193 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.

EXISTING SIGNALS

2.4.5 — 12" — BLACK BACK PLATE

1.3.6.7.9.10 — 12"

8 — 8"

PROPOSED SIGNALS

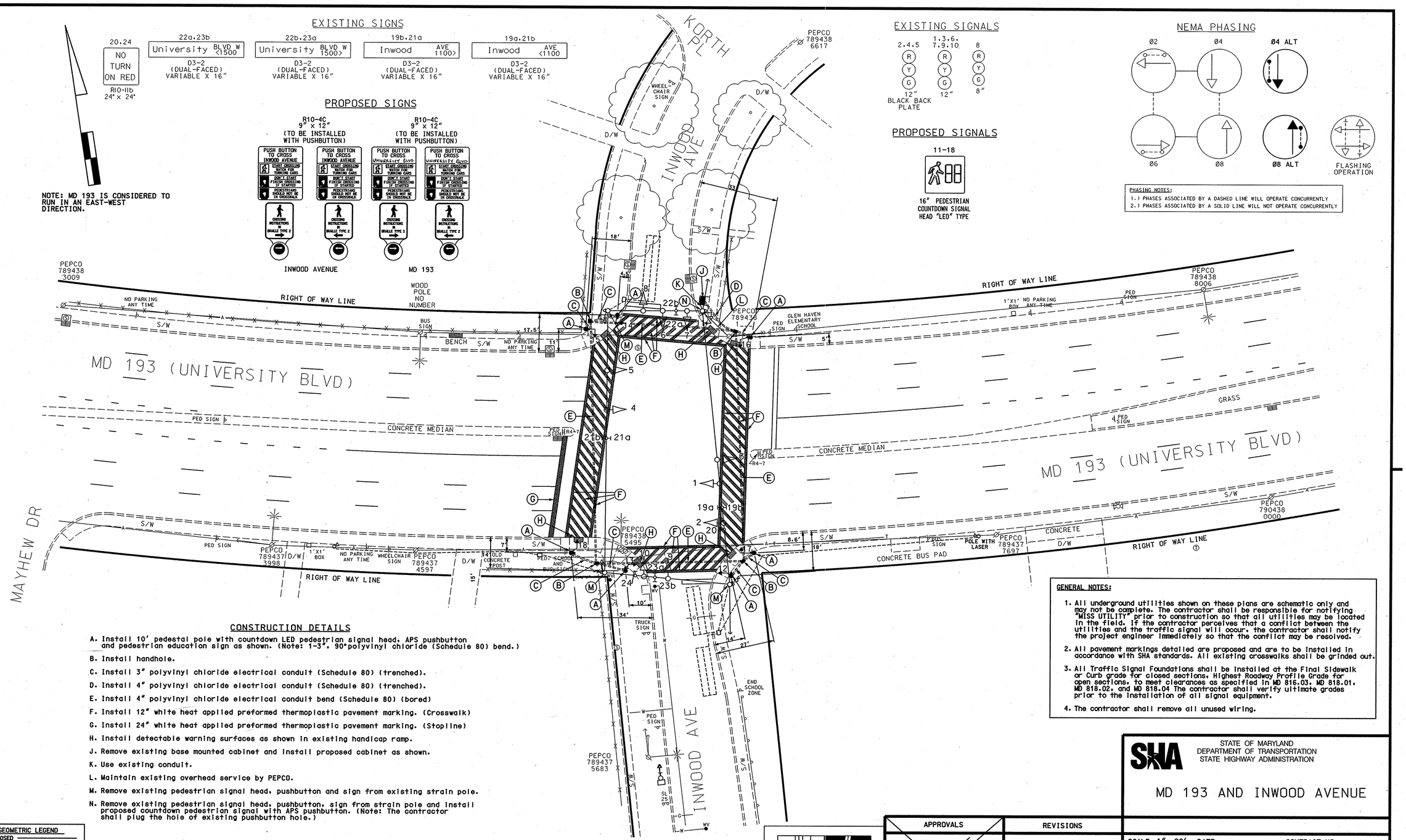
11-18

16" PEDESTRIAN COUNTDOWN SIGNAL HEAD "LED" TYPE

NEMA PHASING

Ø2 — Ø4 — Ø4 ALT — Ø6 — Ø8 — Ø8 ALT — FLASHING OPERATION

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 10' pedestal pole with countdown LED pedestrian signal head, APS pushbutton and pedestrian education sign as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

B. Install handhole.

C. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

D. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

E. Install 4" polyvinyl chloride electrical conduit bend (Schedule 80) (bored)

F. Install 12" white heat applied preformed thermoplastic pavement marking. (Crosswalk)

G. Install 24" white heat applied preformed thermoplastic pavement marking. (Stopline)

H. Install detectable warning surfaces as shown in existing handicap ramp.

J. Remove existing base mounted cabinet and install proposed cabinet as shown.

K. Use existing conduit.

L. Maintain existing overhead service by PEPCO.

M. Remove existing pedestrian signal head, pushbutton and sign from existing strain pole.

N. Remove existing pedestrian signal head, pushbutton, sign from strain pole and install proposed countdown pedestrian signal with APS pushbutton. (Note: The contractor shall plug the hole of existing pushbutton hole.)

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. All existing crosswalks shall be grinded out.
3. All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections. Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04 The contractor shall verify ultimate grades prior to the installation of all signal equipment.
4. The contractor shall remove all unused wiring.

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.
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
A 8-31-05 Install countdown peds with APS
SHA No.: AT782S185
JWA

PLOTTED: #DATETIME#
FILE: #FILE#

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 193 AND INWOOD AVENUE

SCALE 1"= 20' DATE _____ CONTRACT NO. _____

DESIGNED BY MONTGOMERY Co. COUNTY MONTGOMERY
DRAWN BY MONTGOMERY Co. LOGMILE 15019302.42
CHECKED BY MONTGOMERY Co. TIMS NO. H029
F.A.P. NO. _____ TOD NO. _____

TS NO. 4444A | DRAWING NO. OF | SHEET NO. 1 OF 2

TOD No: AT782-06
SHA: MO574A51/B51

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