DRILL HOLES

BORDER REV: DATE: June 1, 2004

MD 185 IS CONSIDERED TO RUN IN A NORTH SOUTH DIRECTION

EXISTING SIGNS

14,17 — STOP HERE ON RED — R10-6L (24"X30")

15,18,23 — R4-7 (24"X30")

19 — R3-4 (30"x30")

24 — 7-9 AM WEEKDAY — SCHOOL — R3-3C1 (30"x42").

26 — NO TURN ON RED — R10-11b (30"x30") ELECTRIC?

21b — Dunlop St 7900> ⇨ | 21a — ⇦ Dunlop St <7900 — D3-2 (VARIABLE X 16") (Dual Faced)

25 — Connecticut Ave 8000> — D3-2 (VARIABLE X 16")

PROPOSED SIGNS

R10-3(1) 9" x 15" — PUSH BUTTON TO CROSS CONNECTICUT AVENUE — 27

R10-3(1) 9" x 15" — PUSH BUTTON TO CROSS CONNECTICUT AVENUE — 28

CONNECTICUT AVENUE

EXISTING SIGNALS

1-10 — R Y G — 12"

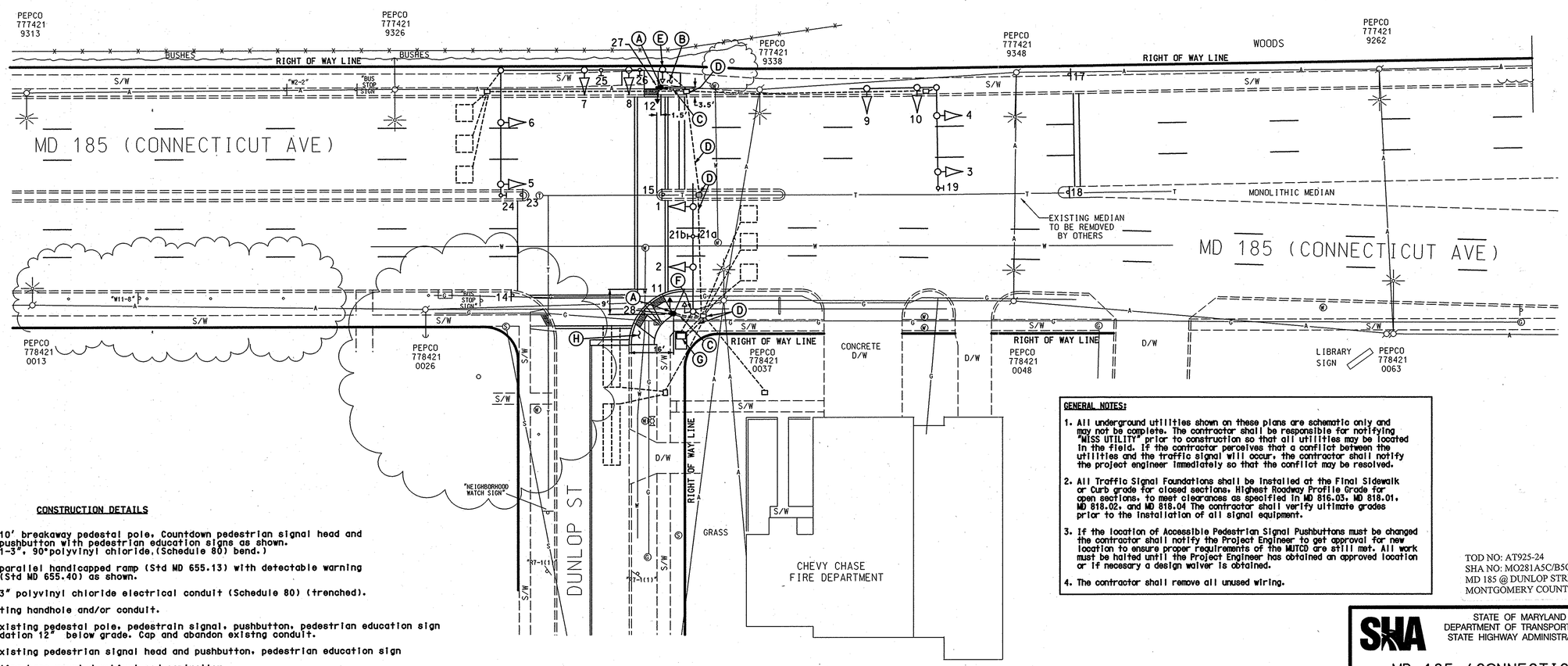
PROPOSED SIGNALS

11,12 — LED 16" COUNTDOWN PEDESTRIAN SIGNAL HEAD

NEMA PHASING

Ø2, Ø4, Ø4 ALT, Ø6, PRE EMPT, 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
3.) PHASE 2 SHALL HAVE EXTENDED GREEN TIME.



CONSTRUCTION DETAILS

A. Install 10' breakaway pedestal pole, Countdown pedestrian signal head and audible pushbutton with pedestrian education signs as shown. (Note: 1-3", 90°polyvinyl chloride,(Schedule 80) bend.)

B. Install parallel handicapped ramp (Std MD 655.13) with detectable warning surface (Std MD 655.40) as shown.

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

D. Use existing handhole and/or conduit.

E. Remove existing pedestal pole, pedestrain signal, pushbutton, pedestrian education sign and foundation 12" below grade. Cap and abandon existing conduit.

F. Remove existing pedestrian signal head and pushbutton, pedestrian education sign

G. Use existing base mounted cabinet and controller.

H. Install back to back perpendicular handicapped ramps (Std MD 655.11) with detectable warning surface (Std MD 655.40) 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 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.

3. If the location of Accessible Pedestrian Signal Pushbuttons must be changed the contractor shall notify the Project Engineer to get approval for new location to ensure proper requirements of the MUTCD are still met. All work must be halted until the Project Engineer has obtained an approved location or if necesary a design waiver is obtained.

4. The contractor shall remove all unused wiring.

TOD NO: AT925-24
SHA NO: MO281A5C/B5C
MD 185 @ DUNLOP STREET
MONTGOMERY COUNTY

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 185 (CONNECTICUT AVE) AND DUNLOP STREET

TRAFFIC SIGNAL PLAN

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

DESIGNED BY R R ZACHERL
DRAWN BY W J NIES
CHECKED BY _____
F.A.P. NO. _____

COUNTY MONTGOMERY
LOGMILE 15018501.56
TIMS NO. I120
TOD NO. _____

TS NO. 3500B | DRAWING NO. 1 OF 2 | SHEET NO. OF

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—

REVERSION "B"
STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5520
Fax (410) 590-6537
5315.dgn T-91

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

REVISIONS
B SHA NO: AT9255185 8-28-07
COUNTDOWN PEDS W/ AUD PUSHBUTTONS ACROSS N LEG
JWA
A RECONSTRUCT SIGNAL DUE TO FIREHOUSE EXPANSION 1-11-95
S.H.A. NO.: BW 755-809-312
RRZ

PLOTTED: $DATETIME$
FILE: $FILE$

DRILL HOLES

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