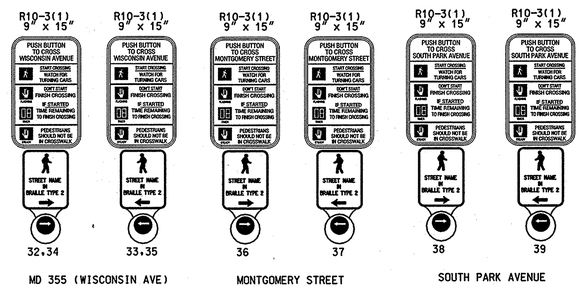
DRILL HOLES

BORDER REV: DATE: June 1, 2004

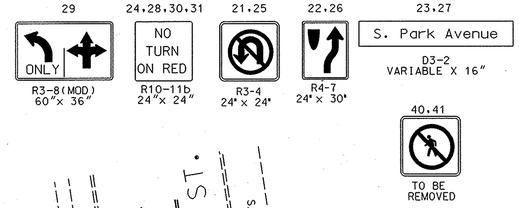
NOTE:MD 355 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

PROPOSED SIGNS

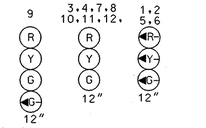


MD 355 (WISCONSIN AVE) | MONTGOMERY STREET | SOUTH PARK AVENUE

EXISTING SIGNS



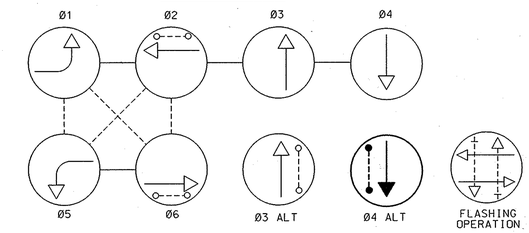
EXISTING SIGNALS



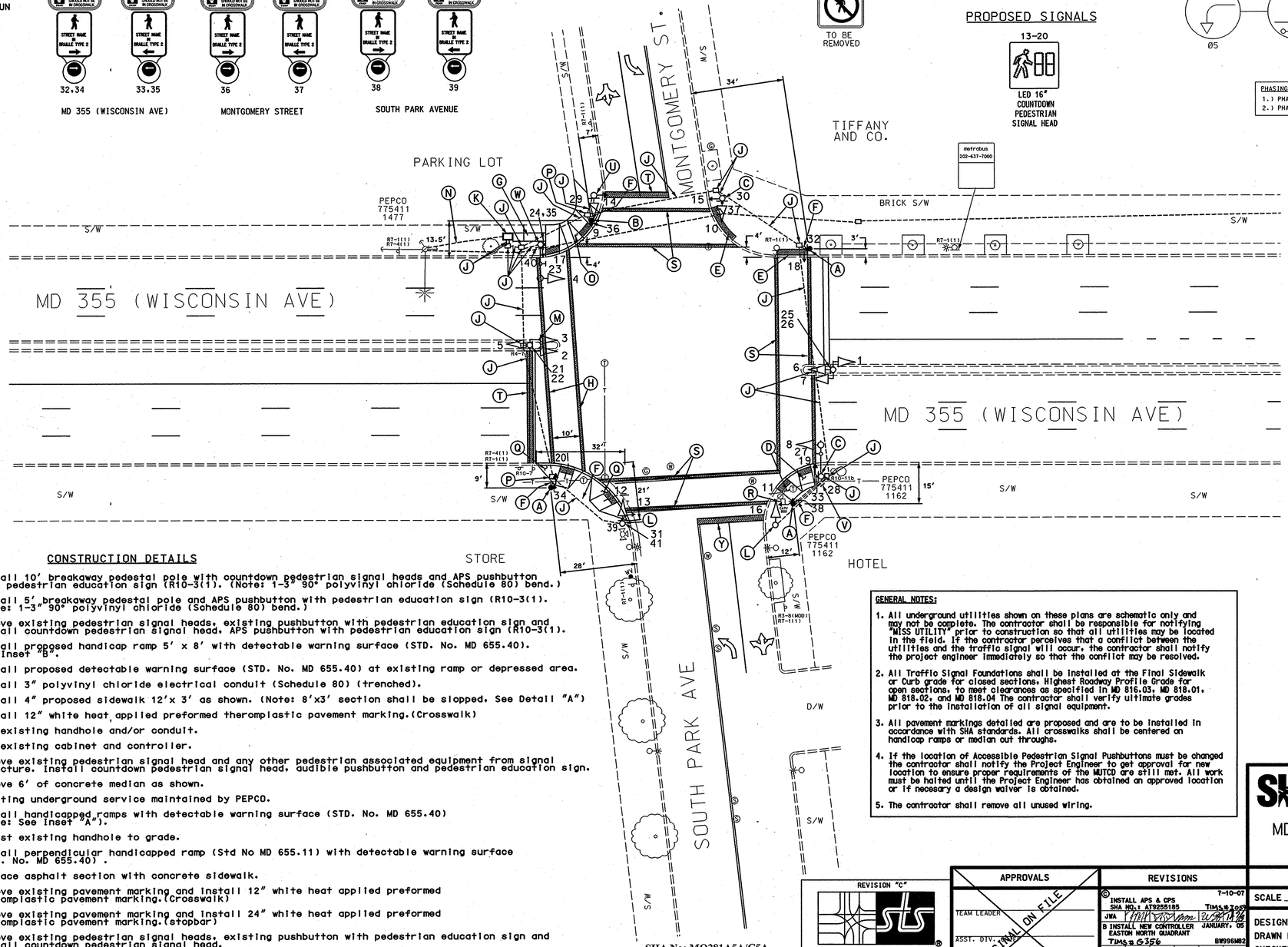
PROPOSED SIGNALS

LED 16" COUNTDOWN PEDESTRIAN SIGNAL HEAD

NEMA PHASING

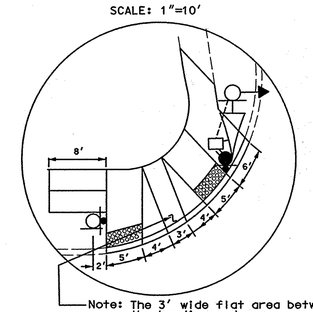


PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



INSET "A"

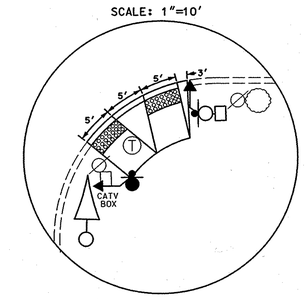
SCALE: 1"=10'



Note: The 3' wide flat area between the handicapped ramps shall include a 4" high curb.

INSET "B"

SCALE: 1"=10'



Note: Contractor shall maintain existing slope so that the existing manhole will need minimium adjustment to grade.

CONSTRUCTION DETAILS

A. Install 10' breakaway pedestal pole with countdown pedestrian signal heads and APS pushbutton with pedestrian education sign (R10-3(1). (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)

B. Install 5' breakaway pedestal pole and APS pushbutton with pedestrian education sign (R10-3(1). (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)

C. Remove existing pedestrian signal heads, existing pushbutton with pedestrian education sign and install countdown pedestrian signal head, APS pushbutton with pedestrian education sign (R10-3(1).

D. Install proposed handicap ramp 5' x 8' with detectable warning surface (STD. No. MD 655.40). See Inset "B".

E. Install proposed detectable warning surface (STD. No. MD 655.40) at existing ramp or depressed area.

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

G. Install 4" proposed sidewalk 12'x 3' as shown. (Note: 8'x3' section shall be slopped. See Detail "A")

H. Install 12" white heat applied preformed theromplastic pavement marking.(Crosswalk)

J. Use existing handhole and/or conduit.

K. Use existing cabinet and controller.

L. Remove existing pedestrian signal head and any other pedestrian associated equipment from signal structure. Install countdown pedestrian signal head, audible pushbutton and pedestrian education sign.

M. Remove 6' of concrete median as shown.

N. Existing underground service maintained by PEPCO.

O. Install handicapped ramps with detectable warning surface (STD. No. MD 655.40) (Note: See Inset "A").

P. Adjust existing handhole to grade.

Q. Install perpendicular handicapped ramp (Std No MD 655.11) with detectable warning surface (STD. No. MD 655.40) .

R. Replace asphalt section with concrete sidewalk.

S. Remove existing pavement marking and install 12" white heat applied preformed theromplastic pavement marking.(Crosswalk)

T. Remove existing pavement marking and install 24" white heat applied preformed theromplastic pavement marking.(stopbar)

U. Remove existing pedestrian signal heads, existing pushbutton with pedestrian education sign and install countdown pedestrian signal head.

V. Replace dirt area with 4" concrete sidewalk.

W. Install Countdown pedestrian signal head, audible pushbutton and pedestrian education sign onto existing signal pole.

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. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards. All crosswalks shall be centered on handicap ramps or median cut throughs.

4. 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 necessary a design waiver is obtained.

5. 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 —

SHA No: MO281A5A/C5A
TOD No: AT925-21
MD 355 @ South Pk/Montgomery Street

REVISION "C"
STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy.NW.
Glen Burnie,MD 21061
Ph (410) 590-5500
Fax (410) 590-5537
5196.dgn T-62

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

REVISIONS
© 7-10-07
INSTALL APS & CPS
SHA NO.: AT925185 TIMS # 2069
JWA
B INSTALL NEW CONTROLLER JANUARY, 05
EASTON NORTH QUADRANT
TIMS # 0356 BW9969B2
WTB | KMP | JAH | DAZ | BRK
A CHANGED POLE LOCATION

PLOTTED: $DATETIME$
FILE: $FILE$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 355 AND SOUTH PARK AVE/ MONTGOMERY ST.

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 4-24-07 CONTRACT NO.

DESIGNED BY
DRAWN BY TEL
CHECKED BY JCR
F.A.P. NO.
COUNTY MONTGOMERY
LOGMILE 15035500.20
TIMS NO. I059
TOD NO.

TS NO.2688 C | DRAWING NO. 1 OF 2 | SHEET NO. OF

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