DRILL HOLES

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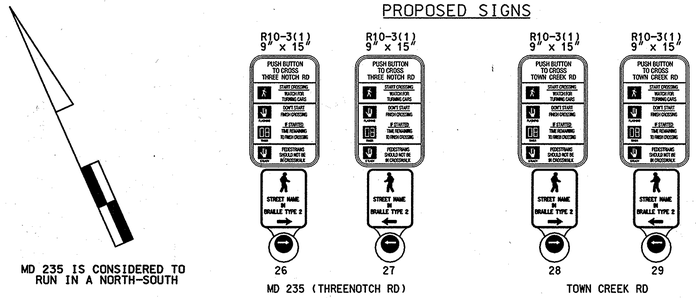
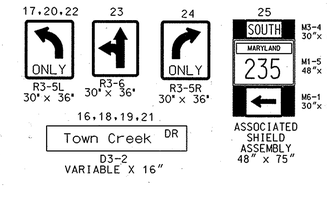
BORDER REV: DATE: June 1, 2004

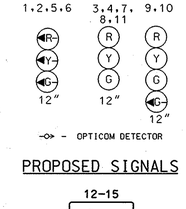
PROPOSED SIGNS



EXISTING SIGNS



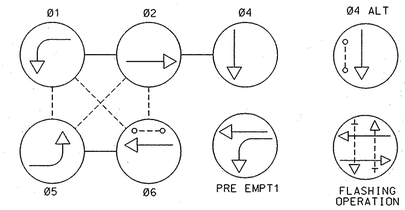
EXISTING SIGNALS



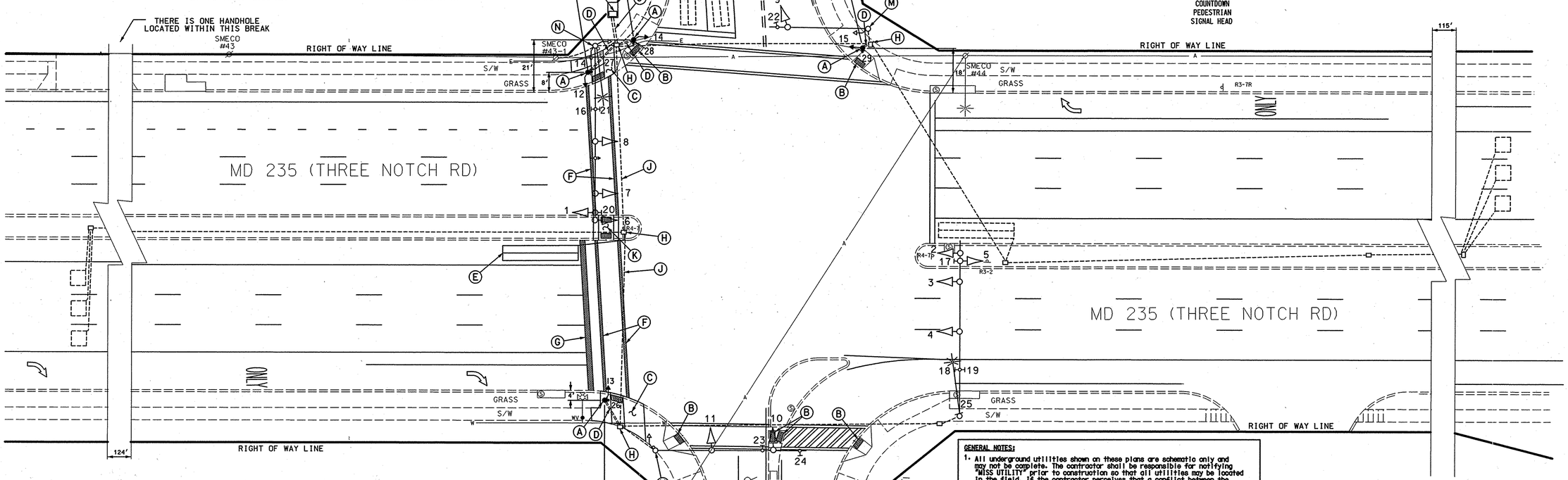
PROPOSED SIGNALS

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



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 detectable warning surface at existing handicap ramp.

C. Install proposed sidewalk combination handicap ramp (STD. No. MD 655.13) with detectable warning surface (Note: 5' flat area shall be installed to back of sidewalk.)

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

E. Install 6' x 30' loop detector encased in 1/4" flexible tubing (4-turns). (Note: Contractor shall resplice proposed loopwire to existing 2-conductor aluminum shielded.)

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

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

H. Install handhole.

J. Use existing conduit.

K. Install median cut-through opening (STD. No. MD 655.21)

L. Use existing cabinet and controller.

M. Remove existing pedestrian signal head and pushbutton from signal pole.

N. Remove existing pedestrian signal heads and pushbutton from 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. Poles are to be located so that they can be activated by a person in a wheelchair from a 60"x 60" level landing area. A level landing area is an area with a cross slope of less than or equal to 2%.

5. 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.

6. Pushbutton is to be located so that a pedestrian in a wheelchair located on the level landing area, does not have to reach more than 18".

7. The 10' separation between pushbuttons is to be measured from face of pushbutton to face of pushbutton.

8. 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—

REVISION "F"

STREET TRAFFIC STUDIES, LTD.
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Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-5537

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

REVISIONS	
F	06/05/07 INSTALL APS & CPS SIGNAL HEADS SHA NO.: AT9365185 JWA
E	8-98 NEW GEOMETRICS SHA NO.: SM 768 A 21 PS
D	ADD SIGNAL, SIGNING AND MODIFY PAVEMENT MARKINGS FOR SB TOWN CREEK DRIVE. 12-96

PLOTTED: \$DATETIME\$
FILE: \$FILE\$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 235 (THREE NOTCH ROAD) AND TOWN CREEK DRIVE

CALIFORNIA, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 12-20-86 CONTRACT NO.

DESIGNED BY J.GREEZICK
DRAWN BY R.SAGOS
CHECKED BY
F.A.P. NO.

COUNTY ST. MARY'S
LOGMILE 18023515.39
TIMS NO. F210
TOD NO.

TS NO. 2286F | DRAWING NO. 1 OF 2 | SHEET NO. OF

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