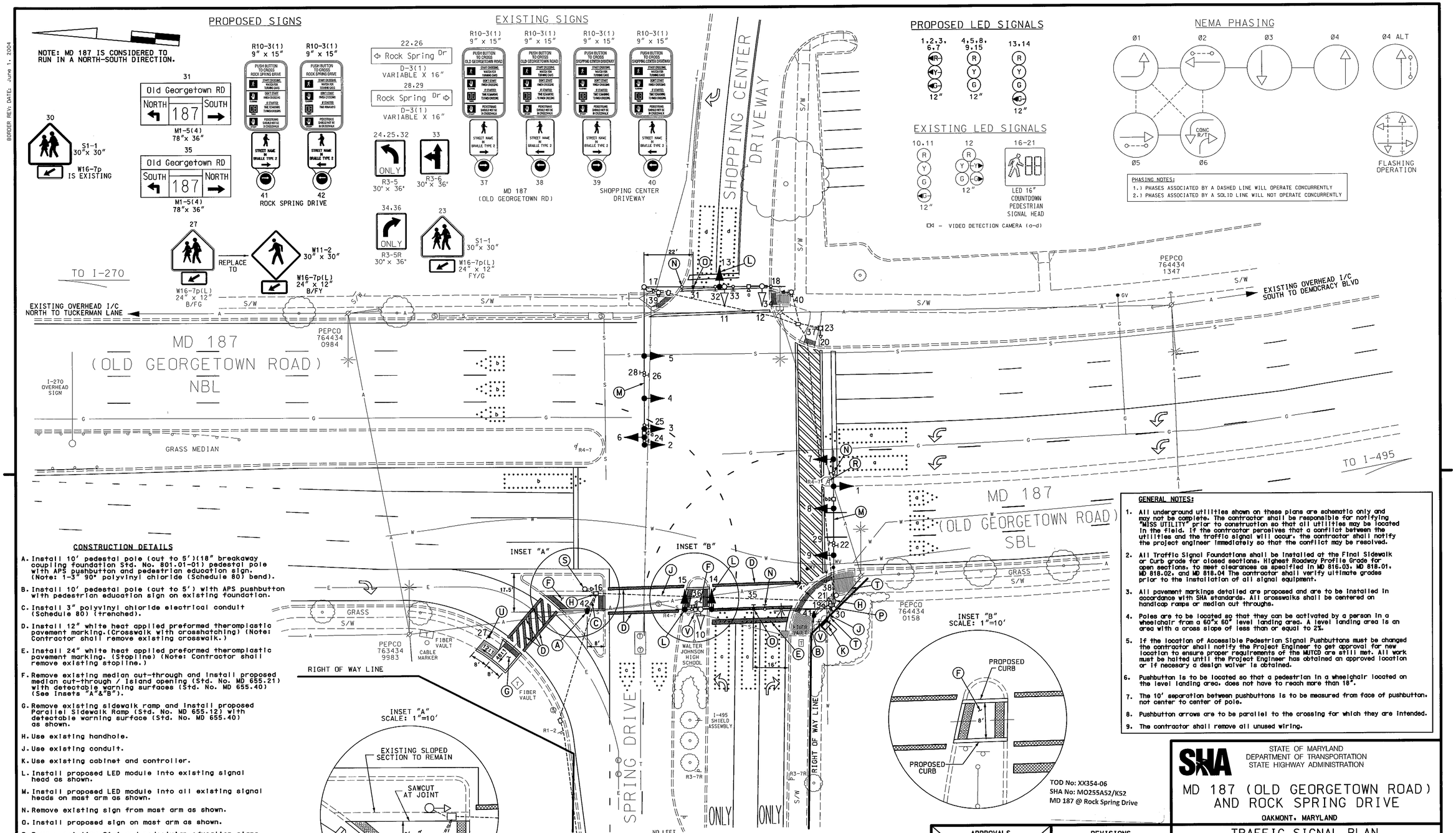
DRILL HOLES

BORDER REV: DATE: June 1, 2004



CONSTRUCTION DETAILS

A. Install 10' pedestal pole (cut to 5')(18" breakaway coupling foundation Std. No. 801.01-01) pedestal pole with APS pushbutton and pedestrian education sign. (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend).

B. Install 10' pedestal pole (cut to 5') with APS pushbutton with pedestrian education sign on existing foundation.

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

D. Install 12" white heat applied preformed thermoplastic pavement marking.(Crosswalk with crosshatching) (Note: Contractor shall remove existing crosswalk.)

E. Install 24" white heat applied preformed thermoplastic pavement marking. (Stopline) (Note: Contractor shall remove existing stopline.)

F. Remove existing median cut-through and install proposed median cut-through / island opening (Std. No. MD 655.21) with detectable warning surfaces (Std. No. MD 655.40) (See Insets "A"&"B").

G. Remove existing sidewalk ramp and install proposed Parallel Sidewalk Ramp (Std. No. MD 655.12) with detectable warning surface (Std. No. MD 655.40) as shown.

H. Use existing handhole.

J. Use existing conduit.

K. Use existing cabinet and controller.

L. Install proposed LED module into existing signal head as shown.

M. Install proposed LED module into all existing signal heads on mast arm as shown.

N. Remove existing sign from mast arm as shown.

O. Install proposed sign on mast arm as shown.

P. Remove existing S1-1 and pedestrian education signs from signal pole upright and install proposed S1-1 sign as shown.

Q. Install ground mounted sign as shown.

R. Remove existing S1-1 sign from existing sign post. (Note: Existing sign post and R4-7 sign is to remain.)

S. Remove existing pedestrian education sign from pole.

T. Maintain existing electrical service.

U. Remove existing and install W11-2 /W16-7P signs on existing post as shown.

V. Remove existing S1-1/W16-7p ground mounted signs and post.

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, not center to center of pole.
8. Pushbutton arrows are to be parallel to the crossing for which they are intended.
9. The contractor shall remove all unused wiring.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 187 (OLD GEORGETOWN ROAD) AND ROCK SPRING DRIVE

OAKMONT, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 8-29-00 CONTRACT NO.

DESIGNED BY COUNTY MONTGOMERY
DRAWN BY JAW LOGMILE 15018T03.51
CHECKED BY LES TIMS NO. K320
F.A.P. NO. TOD NO.

TS NO. 4049D | DRAWING NO. 1 OF 2 | SHEET NO. OF

REVISION "C"

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

5829.dgn T-258

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

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

REVISIONS
D 5-20-10 ADD APS ACROSS ROCK SPRING DRIVE
SHA NO.: XX354516R TIMS NO.: K320
RRZ | DSB | RDB | EJC | RVT
C 1-26-10 MODIFY DUE TO GEOMETRIC CHANGES ON EAST LEG. ADD APS ON SOUTH AND EAST LEGS. EB CONC. RVT
SHA NO.: BW395M02 TIMS NO.:
RRZ
B 9-27-02 RECONSTRUCT SIGNAL DUE TO GEOMETRIC IMPROVEMENTS
SHA NO.: BW395M02
BT | MAR | TH | BK

PLOTTED: $DATETIME$
FILE: $FILE$

DRILL HOLES

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