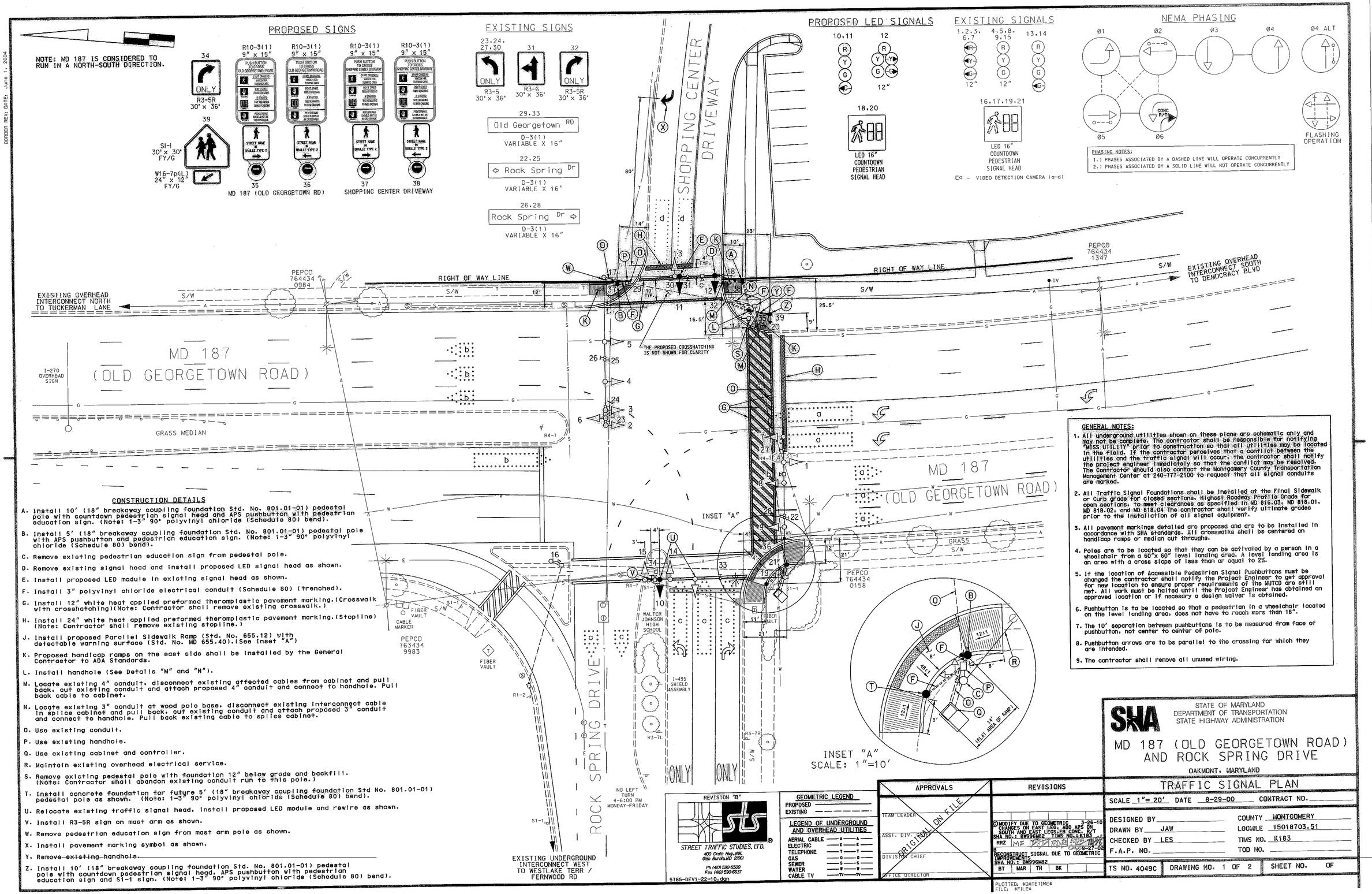

CONSTRUCTION DETAILS

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

B. Install 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).

C. Remove existing pedestrian education sign from pedestal pole.

D. Remove existing signal head and install proposed LED signal head as shown.

E. Install proposed LED module in existing signal head as shown.

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

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

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

J. Install proposed Parallel Sidewalk Ramp (Std. No. 655.12) with detectable warning surface (Std. No. MD 655.40).(See Inset "A")

K. Proposed handicap ramps on the east side shall be installed by the General Contractor to ADA Standards.

L. Install handhole (See Details "M" and "N").

M. Locate existing 4" conduit, disconnect existing affected cables from cabinet and pull back, cut existing conduit and attach proposed 4" conduit and connect to handhole. Pull back cable to cabinet.

N. Locate existing 3" conduit at wood pole base, disconnect existing interconnect cable in splice cabinet and pull back, cut existing conduit and attach proposed 3" conduit and connect to handhole. Pull back existing cable to splice cabinet.

O. Use existing conduit.

P. Use existing handhole.

Q. Use existing cabinet and controller.

R. Maintain existing overhead electrical service.

S. Remove existing pedestal pole with foundation 12" below grade and backfill. (Note: Contractor shall abandon existing conduit run to this pole.)

T. Install concrete foundation for future 5' (18" breakaway coupling foundation Std No. 801.01-01) pedestal pole as shown. (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend).

U. Relocate existing traffic signal head, install proposed LED module and rewire as shown.

V. Install R3-5R sign on mast arm as shown.

W. Remove pedestrian education sign from mast arm pole as shown.

X. Install pavement marking symbol as shown.

Y. Remove ~~existing handhole~~.

Z. Install 10' (18" breakaway coupling foundation Std. No. 801.01-01) pedestal pole with countdown pedestrian signal head, APS pushbutton with pedestrian education sign and S1-1 sign. (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend).

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. The Contractor should also contact the Montgomery County Transportation Management Center at 240-777-2100 to request that all signal conduits are marked.
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 815.03, 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
DRAWN BY JAW
CHECKED BY LES
F.A.P. NO.

COUNTY MONTGOMERY
LOGMILE 15018703.51
TMS NO. K183
TOD NO.

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

REVISION "B"

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

B MODIFY DUE TO GEOMETRIC CHANGES ON EAST LEG. ADD APS ON SOUTH AND EAST LEGS(ED CONC. R/T SHA NO.1 BW996M82 TIMS NO.: K183						3-26-10
RRZ	MF					9-27-02
B RECONSTRUCT SIGNAL DUE TO GEOMETRIC IMPROVEMENTS SHA NO.1 BW996M82						8-29-00
BT	MAR	TH	BK			

PLOTTED: $DATETIME$
FILE: $FILE$

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