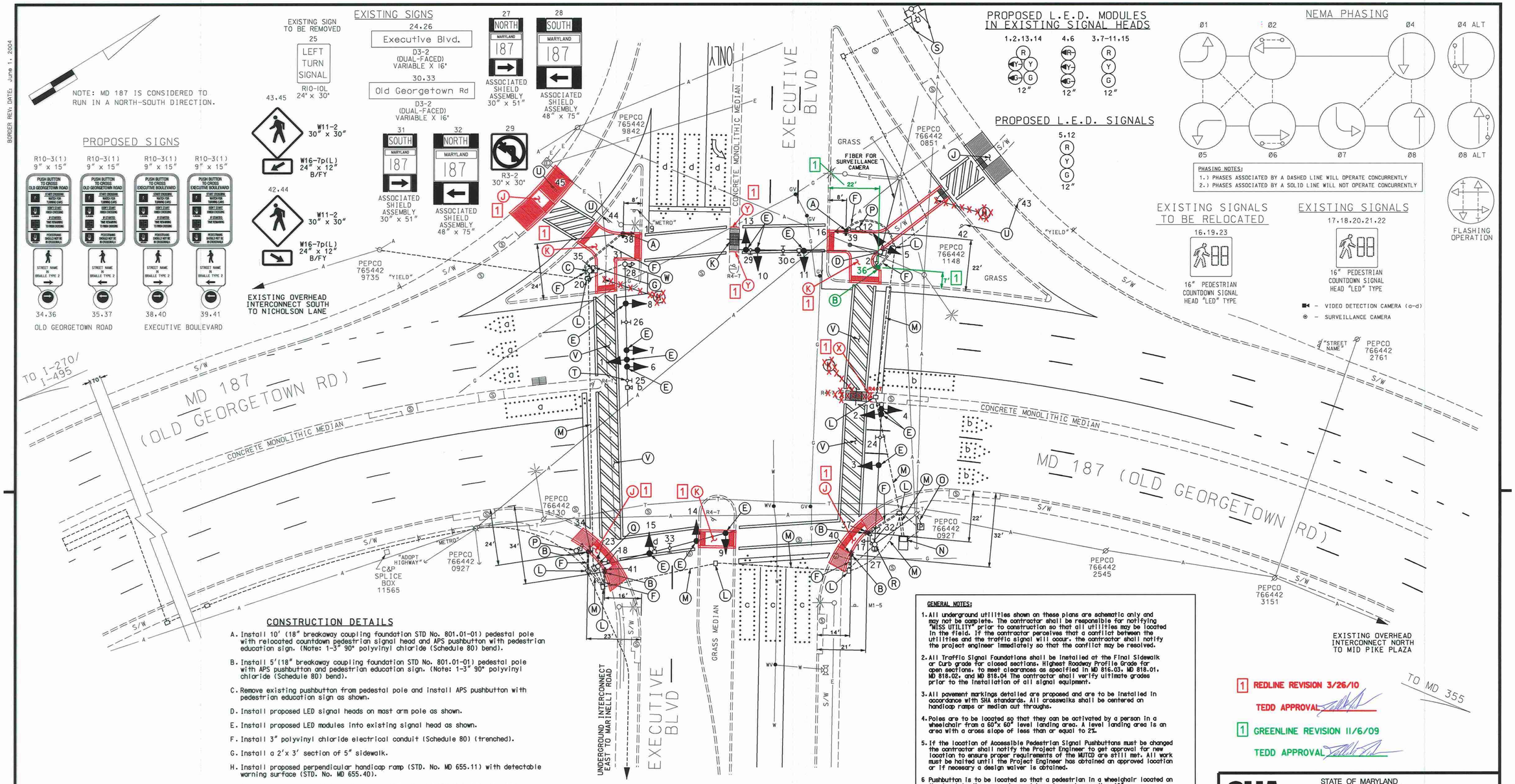

CONSTRUCTION DETAILS

A. Install 10' (18" breakaway coupling foundation STD No. 801.01-01) pedestal pole with relocated 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 pushbutton from pedestal pole and install APS pushbutton with pedestrian education sign as shown.

D. Install proposed LED signal heads on mast arm pole as shown.

E. Install proposed LED modules into existing signal head as shown.

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

G. Install a 2'x 3' section of 5" sidewalk.

H. Install proposed perpendicular handicap ramp (STD. No. MD 655.11) with detectable warning surface (STD. No. MD 655.40).

J. Install proposed parallel handicap ramp (STD. No. MD 655.12) with detectable warning surface (STD. No. MD 655.40).

K. Install proposed median or island cut-through (STD. No. MD 655.21) with detectable warning surface (STD. No. MD 655.40).

L. Use existing handhole.

M. Use existing conduit.

N. Use existing cabinet and controller.

O. Maintain existing underground electrical service.

P. Remove existing pedestal pole with foundation 12" below grade and backfill. (Note: Contractor shall abandon existing conduit runs to this pole and relocate existing countdown pedestrian signal head.)

Q. Remove existing pushbutton from mast arm pole and install relocated existing countdown pedestrian signal head as shown.

R. Remove existing pushbutton from mast arm pole.

S. These pedestal mounted signals are a warning for the mid block pedestrian signal on Executive Blvd.

T. Remove existing overhead sign as shown.

CONSTRUCTION DETAILS (cont.)

U. Remove existing signs and install proposed sign on wood as shown.

V. Contractor shall grind existing crosshatching from existing crosswalks.

W. Remove and relocate existing countdown pedestrian signal head.

1 X. Cut back median nose and install proposed sign on wood support as shown.

1 Y. Insall curb 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. 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.

1 REDLINE REVISION 3/26/10

TEDD APPROVAL

1 GREENLINE REVISION 11/6/09

TEDD APPROVAL

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 "8"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

5741.dgn T-244

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

REVISIONS		
B	INSTALL APS, CPS ON ALL LEGS AND LED SIGNAL HEADS SHA NO:XX4275185/ADA:XX6355176	9-8-09 JWA
A	RECONSTRUCT SIGNAL SHA NO: AT7185185	6-13-05 JWA

PLOTTED: $DATETIME$
FILE: $FILE$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 187 (OLD GEORGETOWN RD) AND EXECUTIVE BLVD

ROCKVILLE, MARYLAND

TRAFFIC SIGNAL PLAN

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

DESIGNED BY MONTGOMERY CO. COUNTY MONTGOMERY
DRAWN BY MONTGOMERY CO. LOGMILE 15018705.04
CHECKED BY MONTGOMERY CO. TIMS NO. J103
F.A.P. NO. _____ TOD NO. _____

TS NO. 4382B | DRAWING NO. 1 OF 2 | SHEET NO. OF

3/26/2010 12:24 PM