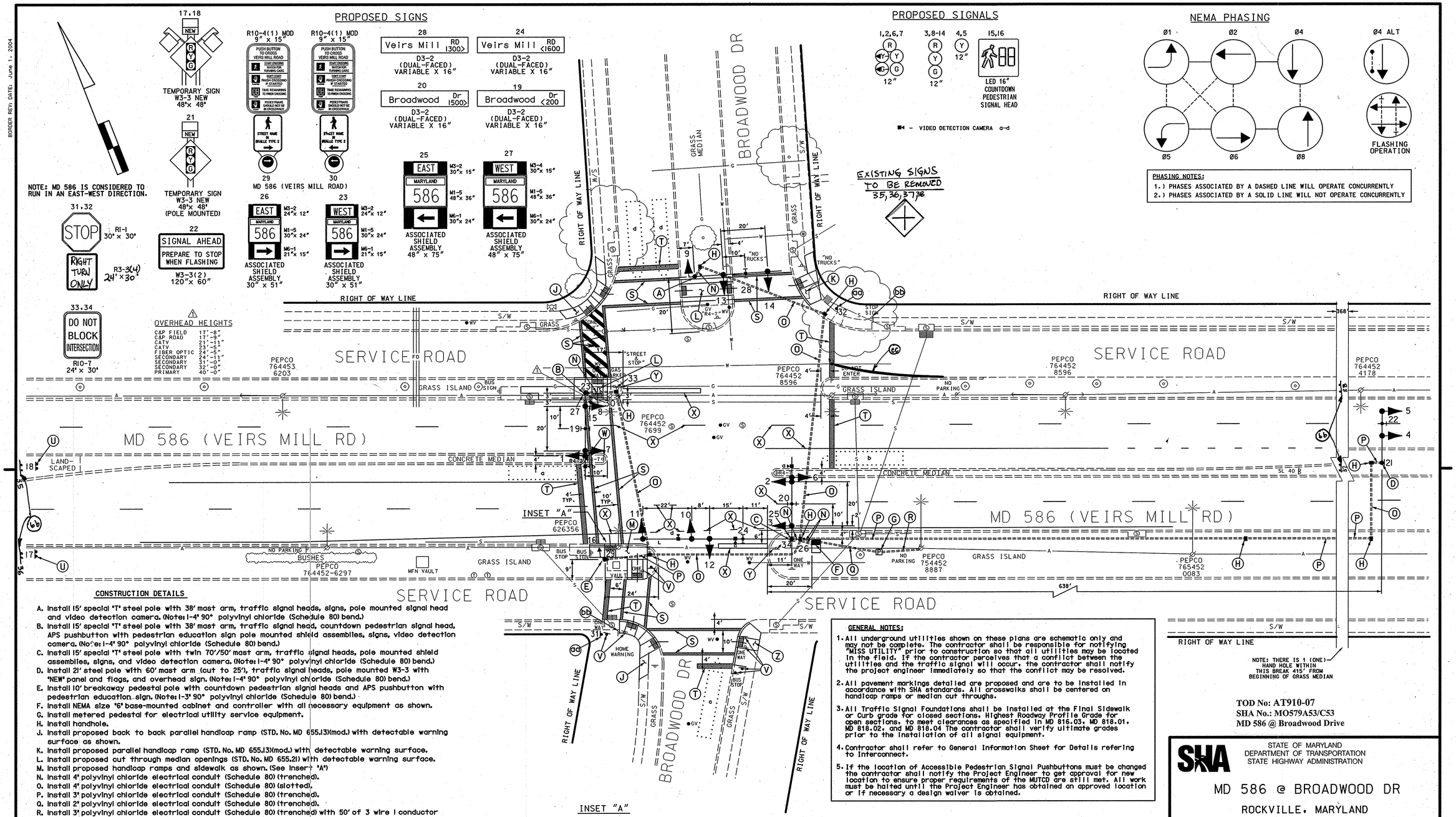

CONSTRUCTION DETAILS

A. Install 15' special "T" steel pole with 38' mast arm, traffic signal heads, signs, pole mounted signal head and video detection camera. (Note: 1-4" 90° polyvinyl chloride (Schedule 80) bend.)
B. Install 15' special "T" steel pole with 38' mast arm, traffic signal head, countdown pedestrian signal head, APS pushbutton with pedestrian education sign pole mounted shield assemblies, signs, video detection camera. (Note: 1-4" 90° polyvinyl chloride (Schedule 80) bend.)
C. Install 15' special "T" steel pole with twin 70'/50' mast arm, traffic signal heads, pole mounted shield assemblies, signs, and video detection camera. (Note: 1-4" 90° polyvinyl chloride (Schedule 80) bend.)
D. Install 21' steel pole with 60' mast arm (cut to 25'), traffic signal heads, pole mounted W3-3 with "NEW" panel and flags, and overhead sign. (Note: 1-4" 90° polyvinyl chloride (Schedule 80) bend.)
E. Install 10' breakaway pedestal pole with countdown pedestrian signal heads and APS pushbutton with pedestrian education sign. (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)
F. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown.
G. Install metered pedestal for electrical utility service equipment.
H. Install handhole.
J. Install proposed back to back parallel handicap ramp (STD. No. MD 655.13)(mod.) with detectable warning surface as shown.
K. Install proposed parallel handicap ramp (STD. No. MD 655.13)(mod.) with detectable warning surface.
L. Install proposed cut through median openings (STD. No. MD 655.21) with detectable warning surface.
M. Install proposed handicap ramps and sidewalk as shown. (See Insert "A")
N. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
O. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (slotted).
P. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
Q. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
R. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched) with 50' of 3 wire 1 conductor (No. 250 KCMIL) for proposed underground electrical power service by PEPCO to base of utility pole.
S. Install 12" white heat applied preformed thermoplastic pavement marking. (Crosswalk)
T. Install 24" white heat applied preformed thermoplastic pavement marking. (Stopline)
U. Install ground mounted W3-3 with new panel and flags about 600' from Stopline.
V. Relocate existing ground mounted sign and supports as shown.
W. Contractor shall remove 10' of existing median nose and relocate existing R4-7 sign and post as shown. (Note: Contractor shall install 4" concrete where median has been removed.)
X. Remove existing pavement markings as shown.
Y. Remove existing stop sign and install R10-7 once signal is operational
Z. Install proposed 5' flat handicap ramp with 8' 12:1 sloped area's on each side of flat area as shown.
aa. Install proposed ground mounted sign as shown.
bb. Remove existing ground mounted sign. cc. Install 5 Inch White Heat Applied Thermoplastic Pavement Markings.

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 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.
3. 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.
4. Contractor shall refer to General Information Sheet for Details refering to Interconnect.
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.

TOD No: AT910-07
SHA No.: MO579A53/C53
MD 586 @ Broadwood Drive

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 586 @ BROADWOOD DR

ROCKVILLE, MARYLAND

TRAFFIC SIGNAL

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—

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APPROVALS	
TEAM LEADER	11-22-06
ASST. DIV. CHIEF	11-22-06
DIVISION CHIEF	11/22/06
OFFICE DIRECTOR	11/22

REVISIONS

PLOTTED: $DATETIME$
FILE: $FILE$

SCALE 1"= 20' DATE 11-20-06 CONTRACT NO. AT9105185

DESIGNED BY JAMES ALLEN Jr.
DRAWN BY D.A.NIES
CHECKED BY
F.A.P. NO. AC-NHG-STPG-000A(176)E

COUNTY MONTGOMERY
LOGMILE 15058600.79
TIMS NO. H772
TOD NO.

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BORDER REV. DATE: June 1, 2004
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