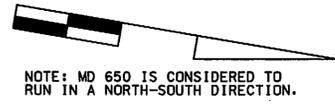


BORDER REV. DATE: June 1, 2004

DRILL HOLES

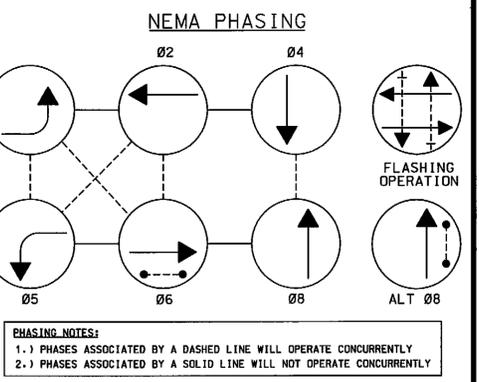
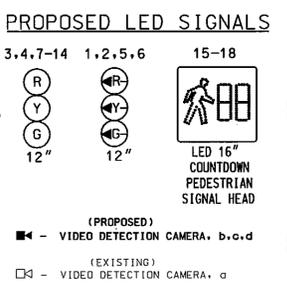
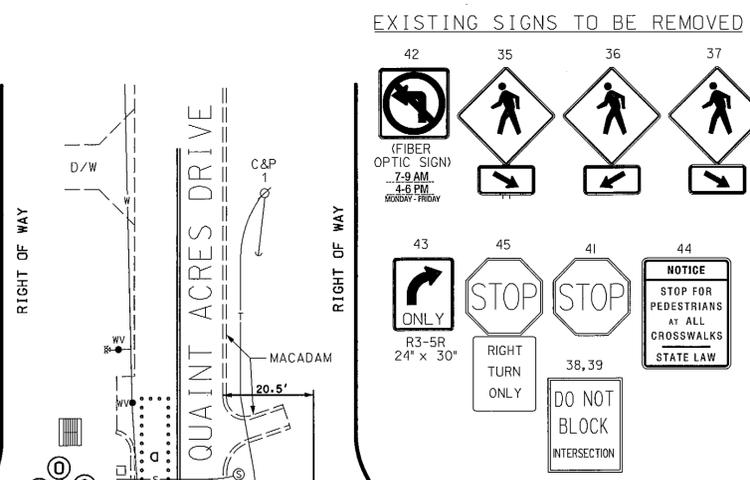
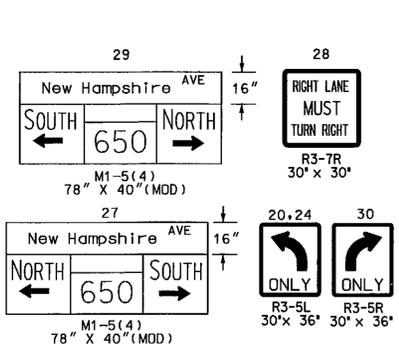
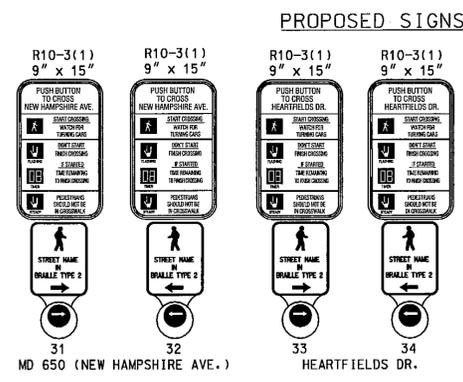
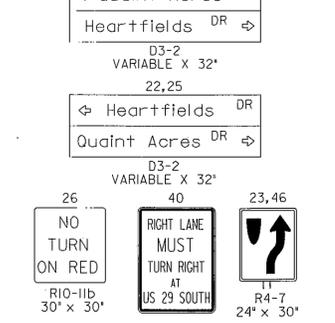
DRILL HOLES

DRILL HOLES



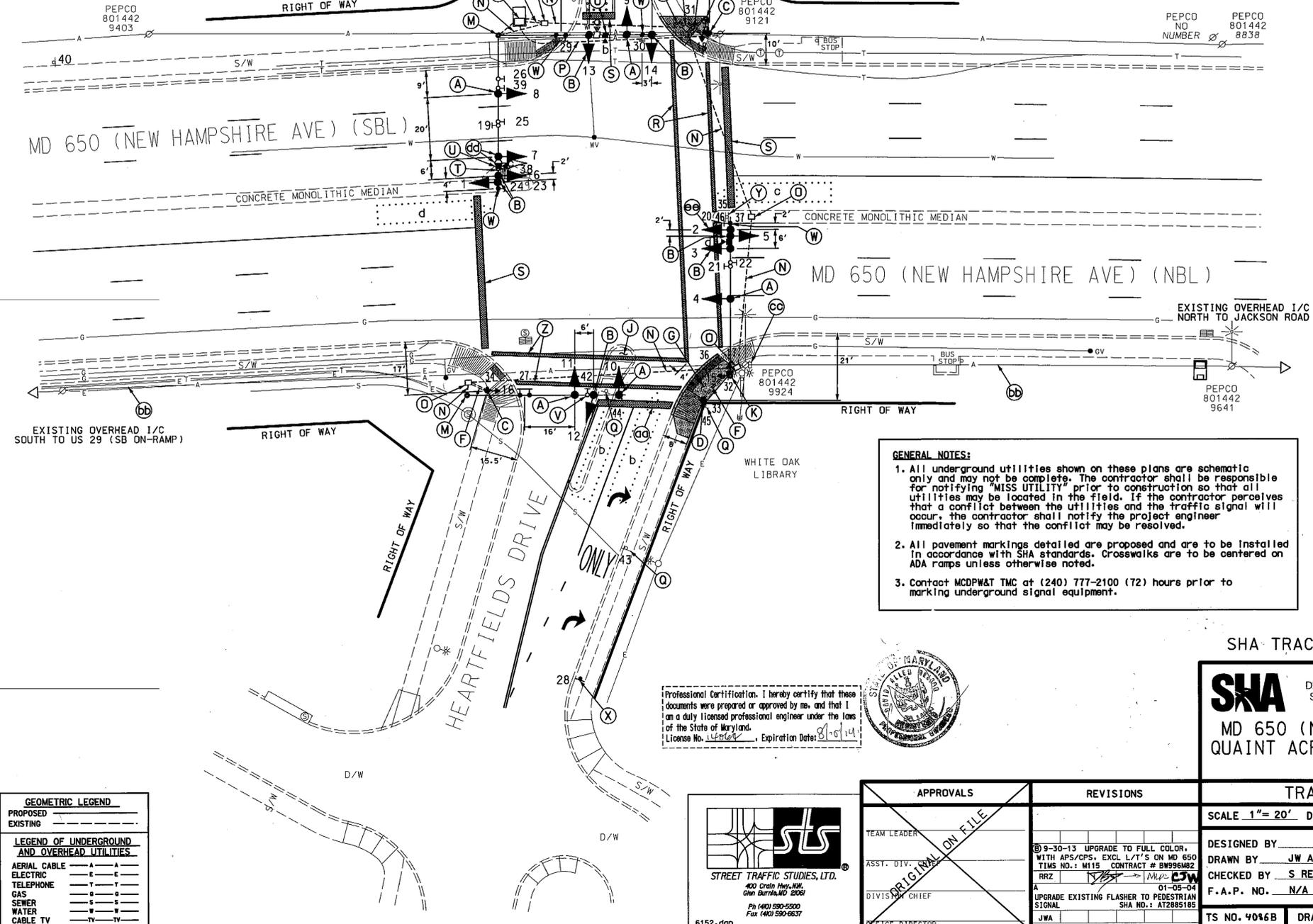
NOTE: MD 650 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNS TO REMAIN



CONSTRUCTION DETAILS

- Remove existing traffic signal head and replace with proposed traffic signal head in same location using the existing wiring.
- Install proposed traffic signal head on existing mast arm as shown.
- Install 10' pedestal pole (with breakaway coupling system, modified foundation STD No. 801.01-01), Countdown pedestrian signal head, and audible pushbutton with pedestrian education sign as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend.)
- Install 5' pedestal pole (with breakaway coupling system, modified foundation STD No. 801.01-01), and audible pushbutton with pedestrian education sign as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend.)
- Use existing NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown.
- Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Remove existing ADA ramp and install proposed sidewalk ramp (Note: See Sheet 2 of 4 "ADA Ramp Detail Plan").
- Remove portion of existing ADA ramp and reinstall after the installation of the proposed conduit (Note: See Sheet 2 of 4 "ADA Ramp Detail Plan").
- Remove existing median (Note: See Sheet 3 of 4 "Paving Plan").
- Use existing mast arm pole, remove existing pedestrian signal head and pushbutton. Install new Countdown pedestrian signal heads, new audible pushbutton with pedestrian education sign as shown.
- Remove existing pedestal pole, pedestrian signal, pushbutton and foundation 12" below grade. Cap and abandon existing conduit.
- Use existing mast arm pole.
- Use existing conduit.
- Use existing handhole.
- Existing underground service to be maintained by PEPCO.
- Remove existing ground mounted sign as shown.
- Remove existing crosswalk and install 12" white, heat applied preformed thermoplastic pavement marking. (Crosswalk)
- Remove existing stopline and install 24" white, heat applied preformed thermoplastic pavement marking. (Stopline)
- Remove existing mast arm mounted sign.
- Install video detection camera on mast arm.
- Remove existing Fiber Optic sign and return to the SHA Sign Shop, Hanover, MD.
- Install proposed sign on existing mast arm as shown.
- Install ground mounted R3-7R sign as shown.
- Remove existing W11-2 and W16-7D signs from existing wood post. (Note: R4-7 sign is to remain).
- Install 12" white, heat applied preformed thermoplastic pavement marking. (Crosswalk)
- Install 24" white, heat applied preformed thermoplastic pavement marking. (Stopline)
- Existing overhead I/C cable.
- Existing Montgomery County splice cabinet. (with riser and underground conduit to adjacent handhole)
- Remove existing traffic signal head and replace with proposed signal head 2' west of its original location.
- Remove existing traffic signal head and replace with proposed traffic signal head in same location.



GENERAL NOTES:

- 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.
- All pavement markings detailed are proposed and are to be installed in accordance with SHA standards. Crosswalks are to be centered on ADA ramps unless otherwise noted.
- Contact MCDPW&T TMC at (240) 777-2100 (72) hours prior to marking underground signal equipment.

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
 License No. 1477047, Expiration Date: 8-6-14



STL
 STREET TRAFFIC STUDIES, LTD.
 400 Crain Hwy., NW
 Glen Burnie, MD 21061
 Ph (410) 590-5500
 Fax (410) 590-0637
 6152.dgn

APPROVALS	
TEAM LEADER	
ASST. DIV.	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
9-30-13	UPGRADE TO FULL COLOR, WITH APS/OPS, EXCL. L/T'S ON MD 650 TIME NO. 1 W/15 CONTRACT # B995682 RRZ
01-05-04	UPGRADE EXISTING FLASHER TO PEDESTRIAN SIGNAL SHA NO.: AT2885185

SHA TRACKING NO.: 13APM0039XX

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION

MD 650 (NEW HAMPSHIRE AVE) AND
 QUAIN ACRES DR / HEARTFIELDS DR

WHITE OAK, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 4-01 CONTRACT NO.

DESIGNED BY	COUNTY	MONTGOMERY
DRAWN BY	LOGMILE	15065005.46
CHECKED BY	TIMS NO.	
F.A.P. NO.	TOD NO.	

TS NO. 9046B DRAWING NO. 1 OF 4 SHEET NO. OF