

DRILL HOLES

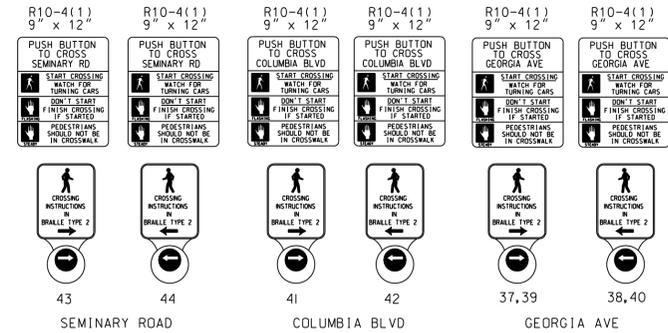
DRILL HOLES

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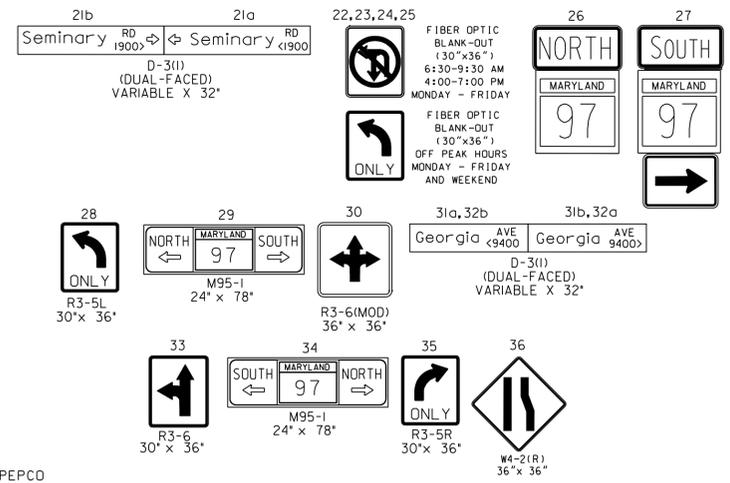
BORDER REV. DATE: June 1, 2004

NOTE: MD 97 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

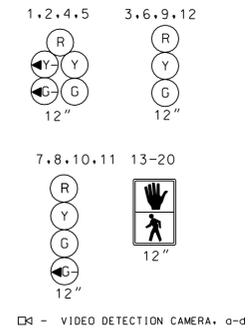
EXISTING SIGNS



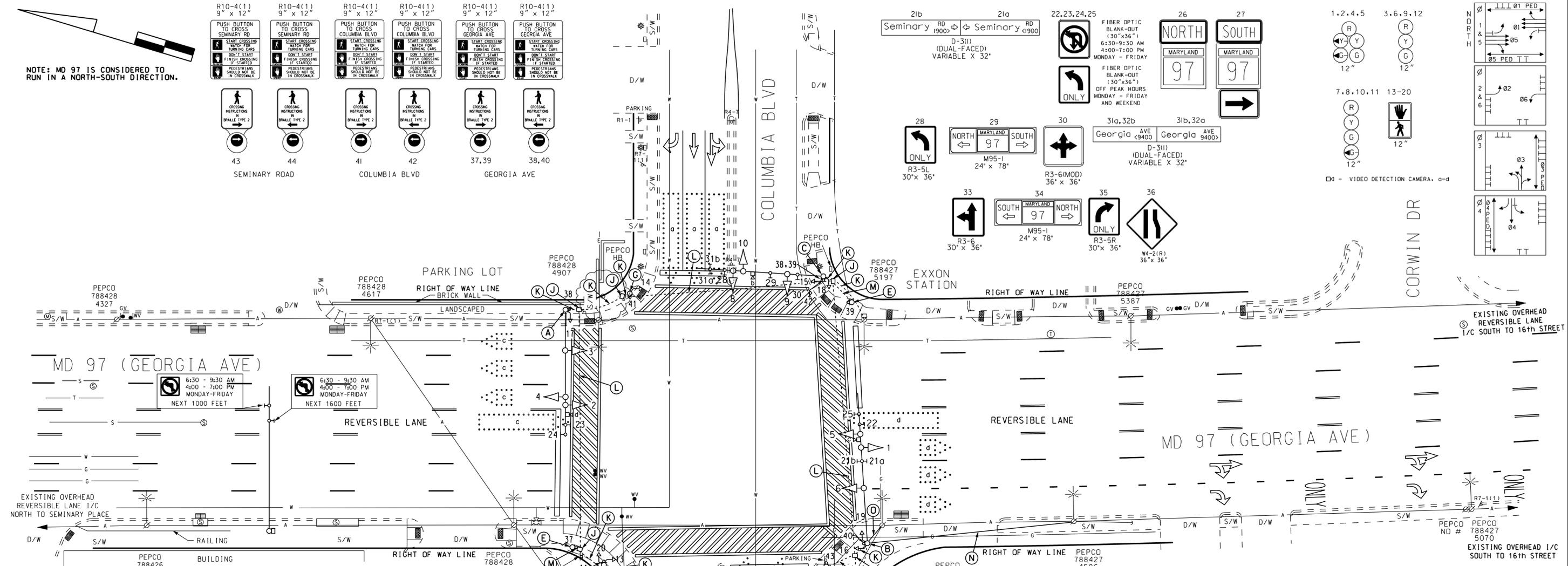
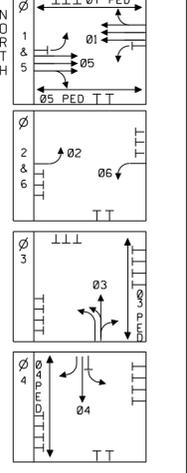
EXISTING SIGNS



EXISTING SIGNALS



PHASING



EQUIPMENT DETAILS

- A. 16.5' steel pole with a special 15' "T" dimension a 50' mast arm, traffic signal heads, sign, video detection camera, pedestrian signal head and audible pushbutton with pedestrian education sign. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)
- B. 16.5' steel pole with a special 15' "T" dimension a 60' mast arm, traffic signal heads, signs, video detection camera, electrical utility service equipment, pedestrian signal heads and audible pushbutton with pedestrian education sign. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)
- C. 16.5' steel pole with a special 15' "T" dimension a 50' mast arm, traffic signal heads, signs, video detection camera, pedestrian signal heads and audible pushbutton with pedestrian education sign. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)
- D. 16.5' steel pole with a special 15' "T" dimension a 50' mast arm, traffic signal heads, signs and video detection camera. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)
- E. 5' breakaway pedestal pole with audible pushbutton and pedestrian education sign. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)
- F. 10' breakaway pedestal pole with pedestrian signal heads and audible pushbutton with pedestrian education sign. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)
- G. 10' breakaway pedestal pole with pedestrian signal head and audible pushbutton with pedestrian education sign. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)
- H. NEMA size "6" base-mounted cabinet and controller with 2-wire Control Unit and all necessary equipment
- J. Install handhole.
- K. 3" polyvinyl chloride electrical conduit (Schedule 80).
- L. 4" polyvinyl chloride electrical conduit (Schedule 80).
- M. 2" polyvinyl chloride electrical conduit (Schedule 80).
- N. Overhead interconnect cable.
- O. Overhead electrical service by PEPCO.
- P. Underground electrical service by PEPCO.

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 Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
- 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.
- The contractor shall remove all unused wiring.
- For all General Notes concerning ADA ramps, crosswalk locations and pedestrian pole and pushbutton locations, see Sheet 2 of 3.

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 97 (GEORGIA AVE) AND SEMINARY RD/COLUMBIA BLVD
SILVER SPRING, MARYLAND

TRAFFIC SIGNAL PLAN	
SCALE 1" = 20'	DATE _____ CONTRACT NO. M-826-378
DESIGNED BY J. SCHMITH	COUNTY MONTGOMERY
DRAWN BY _____	LOGMILE 15009700.18
CHECKED BY _____	TMS NO. N/A
F.A.P. NO. _____	TOD NO. _____
TS NO. 219C	DRAWING NO. 1 OF _____ SHEET NO. OF _____

GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	---
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	---
ELECTRIC	---
TELEPHONE	---
GAS	---
SEWER	---
WATER	---
CABLE TV	---

REVISION "C"

STREET TRAFFIC STUDIES, LTD.
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Gaithersburg, MD 20878
Ph (410) 590-5500
Fax (410) 590-6637

APPROVALS	
TEAM LEADER	_____
ASST. DIV. _____	_____
DIVISION CHIEF	_____
OFFICE DIRECTOR	_____

REVISIONS	
© 11-9-10 ASBUILT DUE TO LANE MOD ON SEMINARY (MONT. CO. PROJECT)	SHA NO.: XX1065485 TMS E981
B 1-13-03	INSTALL AUDIBLE PED SIGNALS
SHA NO.: XX1065485 TMS E981	
A 9-2-01	TRAFFIC SIGNAL RECONSTRUCTION
SHA NO.: XX1065485 TMS E432	
RR2	

PLOTTED: TUESDAY, JULY 30, 2013 AT 10:16 AM
FILE: C:\SCAN\532004B.DGN