DRILL HOLES

BORDER REV: DATE: June 1, 2004

## STATION #1

PROPOSED SIGNS

7,9

FIBER OPTIC BLANK-OUT (30"x36") 6:30-9:30 AM 4:00-7:00 PM MONDAY - FRIDAY

8,10

OBEY LANE CONTROL SIGNALS (48" x 36")

11

RIGHT LANE MUST TURN RIGHT R3-7R 30" x 30"

PROPOSED SIGNALS

1,4 (GREEN) 3,6 (RED) 2,5 (RED) (YELLOW) (TWO-WAY LEFT) (GREEN)

## STATION #1 & #2

REMOVE SIGNS

ONLY

SPAN WIRE MOUNT

## STATION #2

PROPOSED SIGNS

7,9

FIBER OPTIC BLANK-OUT (30"x36") 6:30-9:30 AM 4:00-7:00 PM MONDAY - FRIDAY

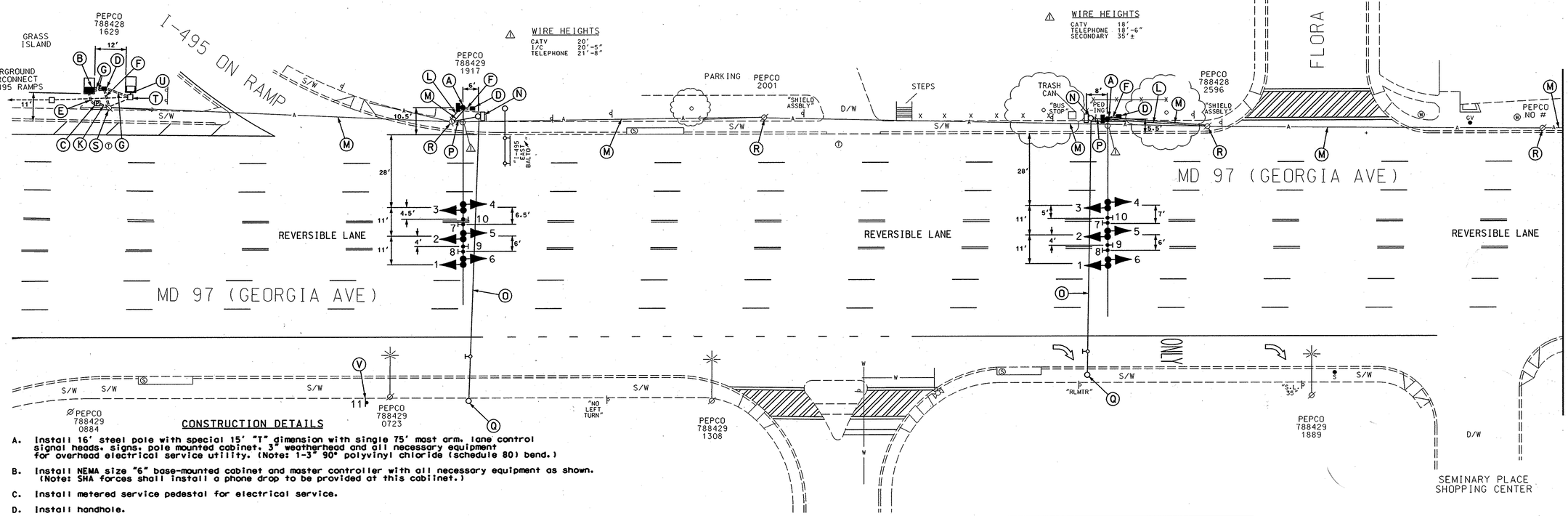
8,10

OBEY LANE CONTROL SIGNALS (48" x 36")

PROPOSED SIGNALS

1,4 (GREEN) 3,6 (RED) 2,5 (RED) (YELLOW) (TWO-WAY LEFT) (GREEN)

MD 97 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION




## CONSTRUCTION DETAILS

A. Install 16' steel pole with special 15' "T" dimension with single 75' mast arm, lane control signal heads, signs, pole mounted cabinet, 3" weatherhead and all necessary equipment for overhead electrical service utility. (Note: 1-3" 90° polyvinyl chloride (schedule 80) bend.)

B. Install NEMA size "6" base-mounted cabinet and master controller with all necessary equipment as shown. (Note: SHA forces shall install a phone drop to be provided at this cabiinet.)

C. Install metered service pedestal for electrical service.

D. Install handhole.

E. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (Trenched)

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

G. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (Trenched).

H. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).

J. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (Slotted in Roadway)

K. Install 4" polyvinyl chloride electrical conduit (Schedule 80) with 35' of 3 wire 1 conductor. (No. 250 KCMIL) for power service to base of utility pole for proposed underground electrical service by PEPCO.

L. Install overhead electrical service.

M. Install 12 pair overhead interconnect.

N. Remove existing strain pole and pole mounted cabinet, foundation 12" below grade and backfill.

O. Remove overhead span, signs and all associated wiring as shown.

P. Remove existing overhead electrical service.

Q. Remove existing strain pole foundation 12" below grade and backfill.

R. The contractor shall lash proposed 12 pair interconnect cable to Montgomery County Fiber. (Note: Contractor shall contract Mr. Bob Thorne at (301) 451-6025 at least 72 hours prior to attaching interconnect cable.

S. Install 3" PVC riser on existing wood pole as shown.

T. Use existing handhole.

U. Use existing conduit.

V. Install ground mounted sign.

**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. The contractor shall remove all unused wiring.

TOD No: AT718-15
SHA: M0314A5B/B5B

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

# MD 97 (GEORGIA AVE) FROM I-495 TO LUZERNE AVE (REVERSIBLE LANE SYSTEM)

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— |

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6537

4693.dgn D6-2

APPROVALS

ORIGINAL ON FILE

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

SHA# AT7185185 RECONSTRUCT REVERSIBLE LANE SYSTEM TO MAST ARM 8/25/05 A
JWA

PLOTTED: #DATETIME#
FILE: #FILE#

SCALE 1'= 20" DATE CONTRACT NO. AT3575185

DESIGNED BY R R ZACHERL COUNTY MONTGOMERY
DRAWN BY S R BARANOWSKI LOGMILE 15009700.43
CHECKED BY TIMS NO. F729
F.A.P. NO. TOD NO.

TS NO. 203A | DRAWING NO. | OF | SHEET NO. 1 OF 5

04 22 38 2002 10 sas adp 6693\693\5\693\5.dgn