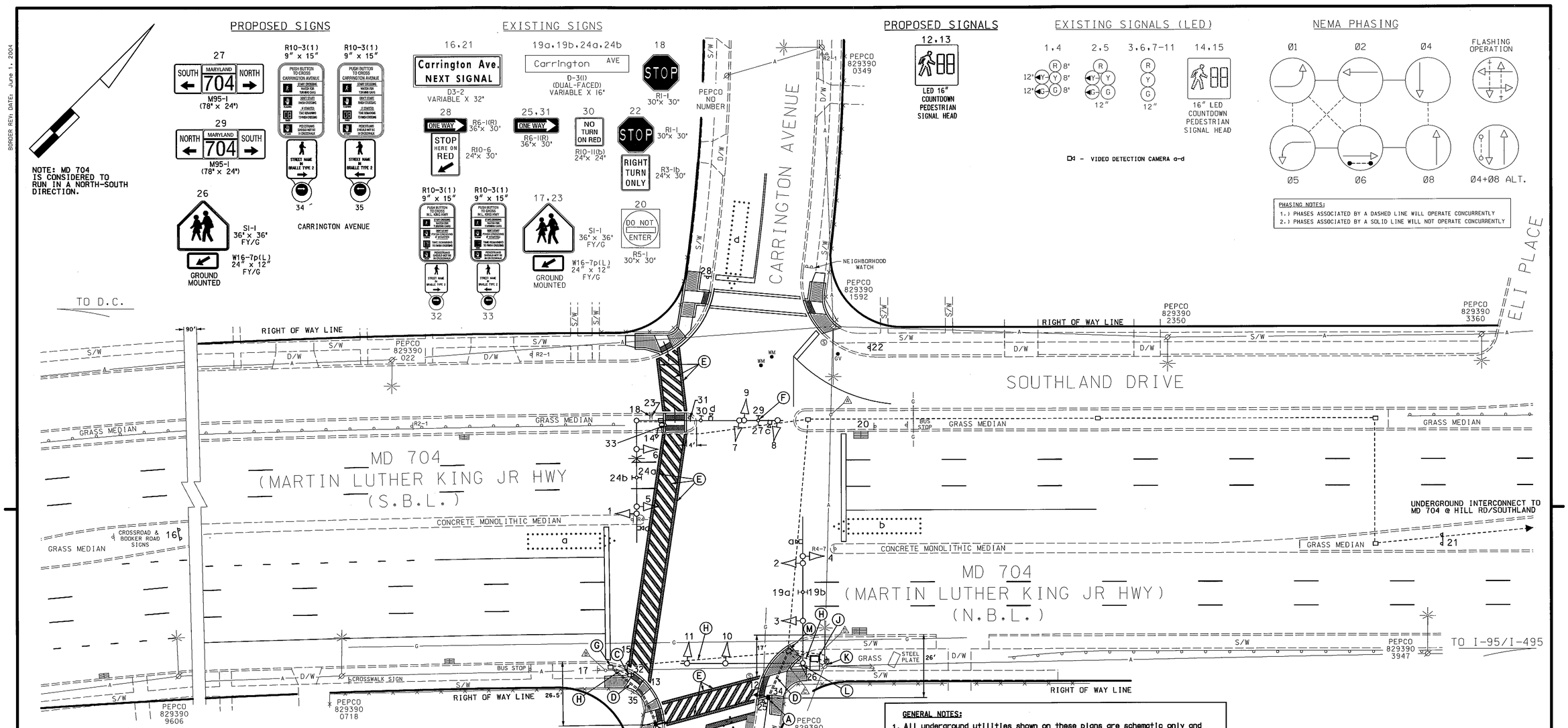


## CONSTRUCTION DETAILS

A. Install 10' pedestal pole with breakaway coupling system (STD No. 801.01-01) with countdown pedestrian signal head and APS pushbutton with pedestrian education sign.(Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend).

B. Install 24" white heat applied preformed theromplastic pavement marking.(Stopline) (Note:Contractor shall remove existing stopline.)

C. Existing 10' pedestal pole with countdown pedestrian signal head and APS pushbutton with pedestrian education sign to remain..

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

E. Install 12" white heat applied preformed theromplastic pavement marking.(Crosswalk) (Note:Contractor shall remove existing crosswalk.)

F. Contractor shall remove existing overhead sign and replace with proposed sign as shown.

G. Use existing handhole.

H. Use existing conduit.

J. Contractor shall use existing cabinet and add an additional NEMA load switch for Phase 6 pedestrian movement.

K. Maintain existing underground electrical service.

L. Install proposed S1-1 with W16-7p(L) sign on existing mast arm pole.

M. Adjust existing handhole to grade.

**GEOMETRIC LEGEND**
PROPOSED
EXISTING

**LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES**
AERIAL CABLE — A —
ELECTRIC — E —
TELEPHONE — T —
GAS — G —
SEWER — S —
WATER — W —
CABLE TV — TV —

### AERIAL UTILITY HEIGHTS

| | |
|---|---|
| TELEPHONE | 21'-2" |
| CATV | 22'-5" |
| GUY | 29'-11" |

### AERIAL UTILITY HEIGHTS

| | |
|---|---|
| CATV | 16'-6" |
| CATV | 17'-3" |
| FIBER OPTIC | 20'-1" |
| SECONDARY | 23'-0" |
| SECONDARY | 23'-9" |
| SECONDARY | 25'-1" |
| PRIMARY | 34'-6" |

### AERIAL UTILITY HEIGHTS

| | |
|---|---|
| TELEPHONE | 19'-3" |
| CATV | 21'-8" |
| FIBER OPTIC | 23'-1" |
| SECONDARY | 30'-3" |
| SECONDARY | 30'-9" |
| SECONDARY | 33'-7" |
| PRIMARY | 37'-10" |

### AERIAL UTILITY HEIGHTS

| | |
|---|---|
| TELEPHONE | 19'-4" |
| CATV | 21'-7" |
| GUY | 32'-7" |

**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. 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. The contractor shall remove all unused wiring.
5. For all General Notes concerning ADA ramps, crosswalk locations and pedestrian pole and pushbutton locations, see Sheet 2 of 3.

TOD NO: XX354-24
SHA NO: PG901A57/K57
MD 704 @ Carrington Avenue
MD 704 @ Hill Rd/Southland Drive

REVISION "B"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy.N.W.
Glen Burnie,MD 21061
Ph (410) 590-5500
Fax (410) 590-5637
5884.dgn T-278

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

| REVISIONS | |
|---|---|
| B | 11/12/10 INSTALL APS / CPS AND ADA RAMPS |
| SHA NO./I: XX354516GR | TIMS NO.: I602 |
| JWA | MLP |
| A | REDLINE REVISION NO.1 3/23/07 |
| APPROVED BY: | |

PLOTTED: #DATETIME#
FILE: #FILE#

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

# MD 704 (MARTIN LUTHER KING HWY) AND CARRINGTON AVENUE

SEAT PLEASANT, MARYLAND

## TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 12/15/2006 CONTRACT NO. AT9105185

DESIGNED BY S.BLOSS COUNTY PRINCE GEORGE'S
DRAWN BY S.BLOSS LOGMILE 16070401.09
CHECKED BY N.LEARY TIMS NO.
F.A.P. NO. TOD NO.

TS NO. 4540B | DRAWING NO. 1 OF 3 | SHEET NO. OF

DRILL HOLES
DRILL HOLES
DRILL HOLES

BORDER REV: DATE: June 1, 2004

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