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

PROPOSED SIGNS

34 — NORTH / MARYLAND / 97 — SHIELD ASSEMBLY (30"x51")

35 — SOUTH / MARYLAND / 97 — SHIELD ASSEMBLY (48"x75")

38 — SOUTH / MARYLAND / 185 — SHIELD ASSEMBLY (48"x75")

39 — NORTH / MARYLAND / 97 — SHIELD ASSEMBLY (48"x75")

EXISTING SIGN TO BE REMOVED

24 — LEFT TURN YIELD ON GREEN

29

32

22,26,27,28,31 — ONLY

EXISTING SIGNS

30 — Georgia AVE (14000)

33 — Georgia AVE (14000)

25 — Connecticut AVE (14000)

23 — Connecticut AVE (14000)

14a,16a — PUSH BUTTON TO CROSS CONNECTICUT; START CROSSING WATCH FOR TURNING CARS; DON'T START FINISH CROSSING IF STARTED; TIME REMAINING TO FINISH CROSSING; PEDESTRIANS SHOULD NOT BE IN CROSSWALK; STREET NAME IN BRAILLE TYPE 2

15a,17a — PUSH BUTTON TO CROSS CONNECTICUT; START CROSSING WATCH FOR TURNING CARS; DON'T START FINISH CROSSING IF STARTED; TIME REMAINING TO FINISH CROSSING; PEDESTRIANS SHOULD NOT BE IN CROSSWALK; STREET NAME IN BRAILLE TYPE 2

20a,18a — PUSH BUTTON TO CROSS GEORGIA; START CROSSING WATCH FOR TURNING CARS; DON'T START FINISH CROSSING IF STARTED; TIME REMAINING TO FINISH CROSSING; PEDESTRIANS SHOULD NOT BE IN CROSSWALK; STREET NAME IN BRAILLE TYPE 2

21a,19a — PUSH BUTTON TO CROSS GEORGIA; START CROSSING WATCH FOR TURNING CARS; DON'T START FINISH CROSSING IF STARTED; TIME REMAINING TO FINISH CROSSING; PEDESTRIANS SHOULD NOT BE IN CROSSWALK; STREET NAME IN BRAILLE TYPE 2

PROPOSED LED SIGNALS

1,2 — 12"

3,4,7,10,13 — 12"

5,6 — 12"

8,9,11,12 — 12"

a,b,c,d,e — EXISTING VIDEO DETECTION CAMERA

EXISTING SURVEILLANCE CAMERA

EXISTING SIGNAL HEADS

14-21 — 16" LED COUNTDOWN PEDESTRIAN SIGNAL

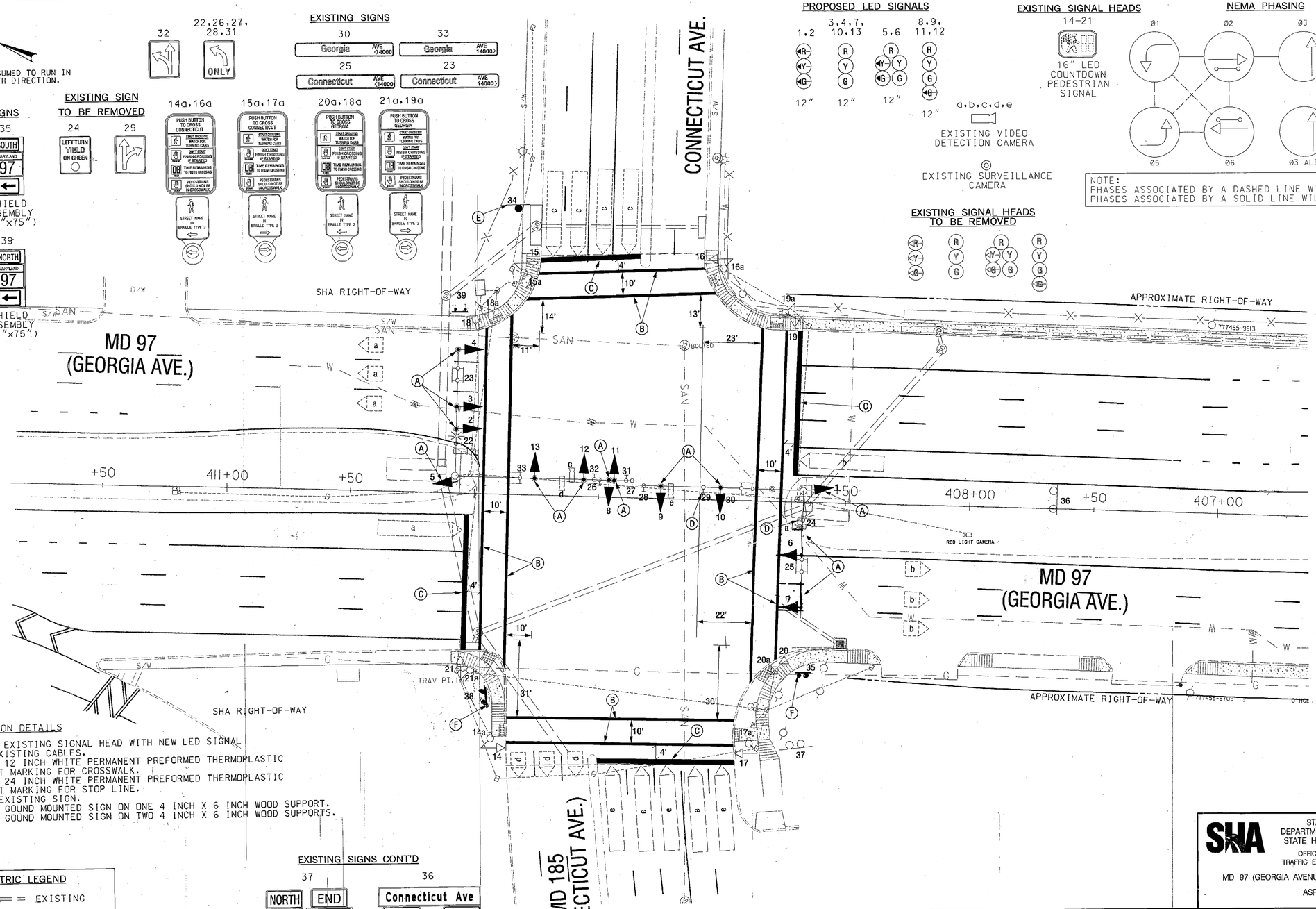
EXISTING SIGNAL HEADS TO BE REMOVED

NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø5 Ø6 Ø3 ALT Ø4 ALT

FLASHING OPERATION

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. REPLACE EXISTING SIGNAL HEAD WITH NEW LED SIGNAL USING EXISTING CABLES.
B. INSTALL 12 INCH WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.
C. INSTALL 24 INCH WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
D. REMOVE EXISTING SIGN.
E. INSTALL GOUND MOUNTED SIGN ON ONE 4 INCH X 6 INCH WOOD SUPPORT.
F. INSTALL GOUND MOUNTED SIGN ON TWO 4 INCH X 6 INCH WOOD SUPPORTS.

EXISTING SIGNS CONT'D

37 — NORTH / MARYLAND / 97; END / MARYLAND / 185; SOUTH / MARYLAND / 97

36 — Connecticut Ave; SOUTH / MARYLAND / 185; NORTH / MARYLAND / 97

GEOMETRIC LEGEND

EXISTING

PROPOSED

UTILITY LEGEND

- SD — STORM DRAIN
- G — GAS MAIN
- W — WATER MAIN
- SAN — SEWER MAIN
- E — ELECTRIC CABLES
- A — AERIAL CABLES
- T — TELEPHONE CABLES
- FO — FIBER-OPTIC

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 160
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DIVISION

CHIEF TRAFFIC ENGINEERING DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

REVISIONS

1. 1-23-09 — REPLACE EXISTING SIGNAL HEADS WITH LED SIGNAL HEADS — SHA # 5755177 — SWA
2. 9-2-08 — APS/CPS UPGRADE — SHA # 5325133 — SWA
3. 5-26-03 — REBUILD SIGNAL USING MAST ARM AND VIDEO DETECTION — SHA # XX1065285 — RRZ — TH

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 97 (GEORGIA AVENUE) AND MD 185 (CONNECTICUT AVENUE)

ASPEN HILL, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' | DATE 8-24-69 | CONTRACT NO. BW144801312

DESIGNED BY J. SPENCE | COUNTY MONTGOMERY

DRAWN BY J. SPENCE | LOGMILE 15009707.00

CHECKED BY | T.I.M.S. NO. J203

F.A.P. NO. SEE TITLE SHEET | TOD NO.

TS NO. 31 I | DRAWING pSG OF P001 | SHEET NO. 34A OF 56F

PLOTTED: Thursday, January 15, 2009 AT 01:35 PM
FILE: R:\2006\98 BCS 2005-13D PREL ENG DES SVC WRA $200K\Task 2\DWG\Signals\Signal Rebuild\pSG-P001_MD97.dgn

BY: jspence