DRILL HOLES

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BORDER REV. DATE: June 1, 2004

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

PROPOSED SIGNS

18 — R3-5R 30" x 36"

19,22 — Norbeck Rd — D3-2 (DUAL-FACED) VARIABLE X 16"

31 — NORTH / MARYLAND / 97 — M3-1 24" x 12", M1-5 24" x 24", M6-1 21" x 15" — ASSOCIATED SHIELD ASSEMBLY 24" x 51"

26 — SOUTH / MARYLAND / 97 — M3-3 24" x 12", M1-5 24" x 24", M6-1 21" x 15" — ASSOCIATED SHIELD ASSEMBLY 24" x 51" (TO BE MOUNTED ABOVE POLE MOUNTED CABINET)

27 — NORTH / MARYLAND / 97 — M3-1 30" x 15", M1-5 36" x 36", M6-1 30" x 24" — ASSOCIATED SHIELD ASSEMBLY 36" x 75"

32 — SOUTH / MARYLAND / 97 — M3-3 30" x 15", M1-5 36" x 36", M6-1 30" x 24" — ASSOCIATED SHIELD ASSEMBLY 36" x 75"

EXISTING SIGNS

20,21,29 — R3-5 30" x 36"

28 — R3-5(L) MOD 30" x 36"

34 — R3-6 30" x 36"

25 — W9-2(4) 30"x36"

37a,30a — Georgia AVE <15500

37b,30b — Georgia AVE 15500>

D3-1 (DUAL-FACED) VARIABLE X 16"

38 — WEST / TO / MARYLAND 28 / MARYLAND 115

40 — WEST / TO / MARYLAND 28 / MARYLAND 115

41 — EAST / MARYLAND 28 — PARK & RIDE

42 — WEST / MARYLAND 28

39 — WEST / MARYLAND 28 / EAST / MARYLAND 28

REMOVE FROM EX POST

EXISTING SIGNS TO BE REMOVED

24 — R3-5L 30" x 36"

23 — R3-5(L) MOD 30" x 36"

35,36 — R3-5a 30" x 36"

33 — R3-6 30" x 36"

EXISTING SIGNALS

1,2,5,6,9,11,12 — 12"

3,4,7,8,10,13,14,17 — 12"

15,16 — 12"

■4 - VIDEO DETECTION CAMERA a-c

□3 - EXISTING VIDEO DETECTION CAMERA (d)

◎ - EXISTING SURVEILLANCE CAMERA

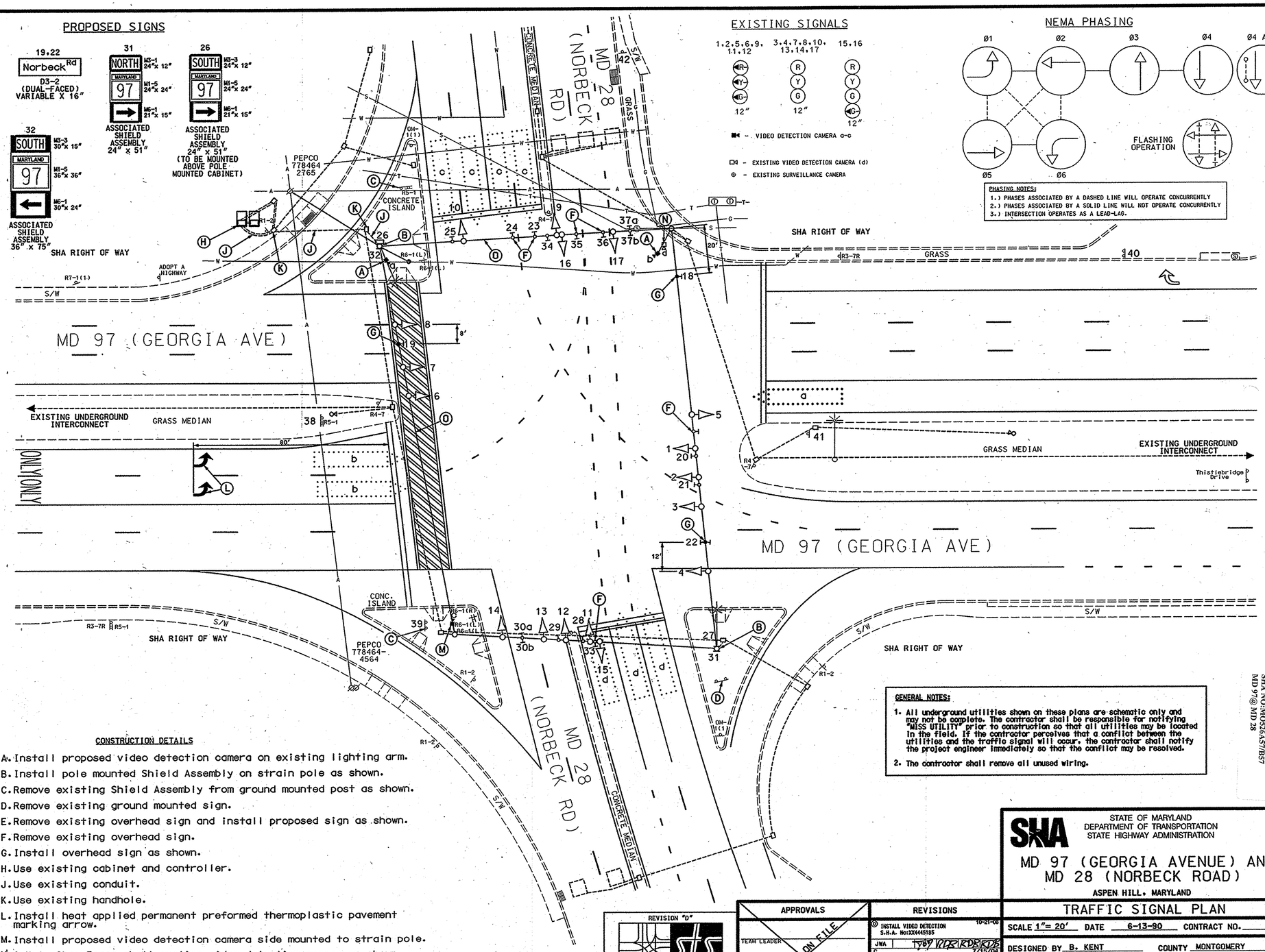
NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø4 ALT

Ø5 Ø6

FLASHING OPERATION

PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
3.) INTERSECTION OPERATES AS A LEAD-LAG.



CONSTRUCTION DETAILS

A. Install proposed video detection camera on existing lighting arm.
B. Install pole mounted Shield Assembly on strain pole as shown.
C. Remove existing Shield Assembly from ground mounted post as shown.
D. Remove existing ground mounted sign.
E. Remove existing overhead sign and install proposed sign as shown.
F. Remove existing overhead sign.
G. Install overhead sign as shown.
H. Use existing cabinet and controller.
J. Use existing conduit.
K. Use existing handhole.
L. Install heat applied permanent preformed thermoplastic pavement marking arrow.
M. Install proposed video detection camera side mounted to strain pole.
N. S.H.A. Shop Force shall realign video detection camera as shown.
O. Use existing span wire.

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. The contractor shall remove all unused wiring.

TOD NO: XX444-13
SHA NO: MO526A57/B57
MD 97@ MD 28

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 —

REVISION "D"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. N.W.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

5577.dgn T-162

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

REVISIONS		
D	INSTALL VIDEO DETECTION S.H.A. No:XX444535	10-21-09
C	REPLACE W.B. MD 28 DETECTION	7/15/04
B	ASBUILT	

JWA TJG VDR RDB RDB

PLOTTED: @DATETIME@
FILE: $FILE@

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 97 (GEORGIA AVENUE) AND MD 28 (NORBECK ROAD)

ASPEN HILL, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 6-13-90 CONTRACT NO.

DESIGNED BY B. KENT
DRAWN BY
CHECKED BY
F.A.P. NO.

COUNTY MONTGOMERY
LOGMILE 15002828.82
TIMS NO. 1850
TOD NO.

TS NO. 190D | DRAWING NO. 1 OF 2 | SHEET NO. OF

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