DRILL HOLES

BORDER REV: DATE: June 1, 2004

PROPOSED SIGNS

27 — SOUTH MARYLAND 201 — M3-3 24"x 12" — M1-5 30"x 24" — M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

28 — NORTH MARYLAND 201 — M3-1 30"x 15" — M1-5 48"x 36" — M6-1 30"x 24" — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

34 — NORTH MARYLAND 201 — M3-1 24"x 12" — M1-5 30"x 24" — M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

35 — SOUTH MARYLAND 201 — M3-3 30"x 15" — M1-5 48"x 36" — M6-1 30"x 24" — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

43 — EAST MARYLAND 410 — M3-2 30"x 15" — M1-5 48"x 36" — M6-1 30"x 24" — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

42 — WEST MARYLAND 410 — M3-4 24"x 12" — M1-5 30"x 24" — M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

38 — EAST MARYLAND 410 — M3-2 24"x 12" — M1-5 30"x 24" — M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

39 — WEST MARYLAND 410 — M3-4 30"x 15" — M1-5 48"x 36" — M6-1 30"x 24" — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

MD 410 IS CONSIDERED TO RUN IN AN EAST - WEST DIRECTION

EXISTING SIGNS TO BE REMOVED

32 — SOUTH MARYLAND 201 — ASSOCIATED SHIELD ASSEMBLY

33 — NORTH MARYLAND 201 — ASSOCIATED SHIELD ASSEMBLY

37 — WEST MARYLAND 410 — ASSOCIATED SHIELD ASSEMBLY

EXISTING SIGNALS

1,3,4,7, 8,11,12, 15,16 — 12"

2,5,6,9, 10,13,14, 17,18 — 12"

19-26 — 12"

-O- - OPTICOM DETECTOR

EXISTING SIGNS

29,30,36, 40,41,44 — ONLY — R3-5(L) 30"X36"

31 — Kenilworth AVE — D3-2 (DUAL-FACED) VARIABLE X 16"

45 — East-West HWY — D3-2 (DUAL-FACED) VARIABLE X 16"

NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø5 Ø6 Ø7 Ø8

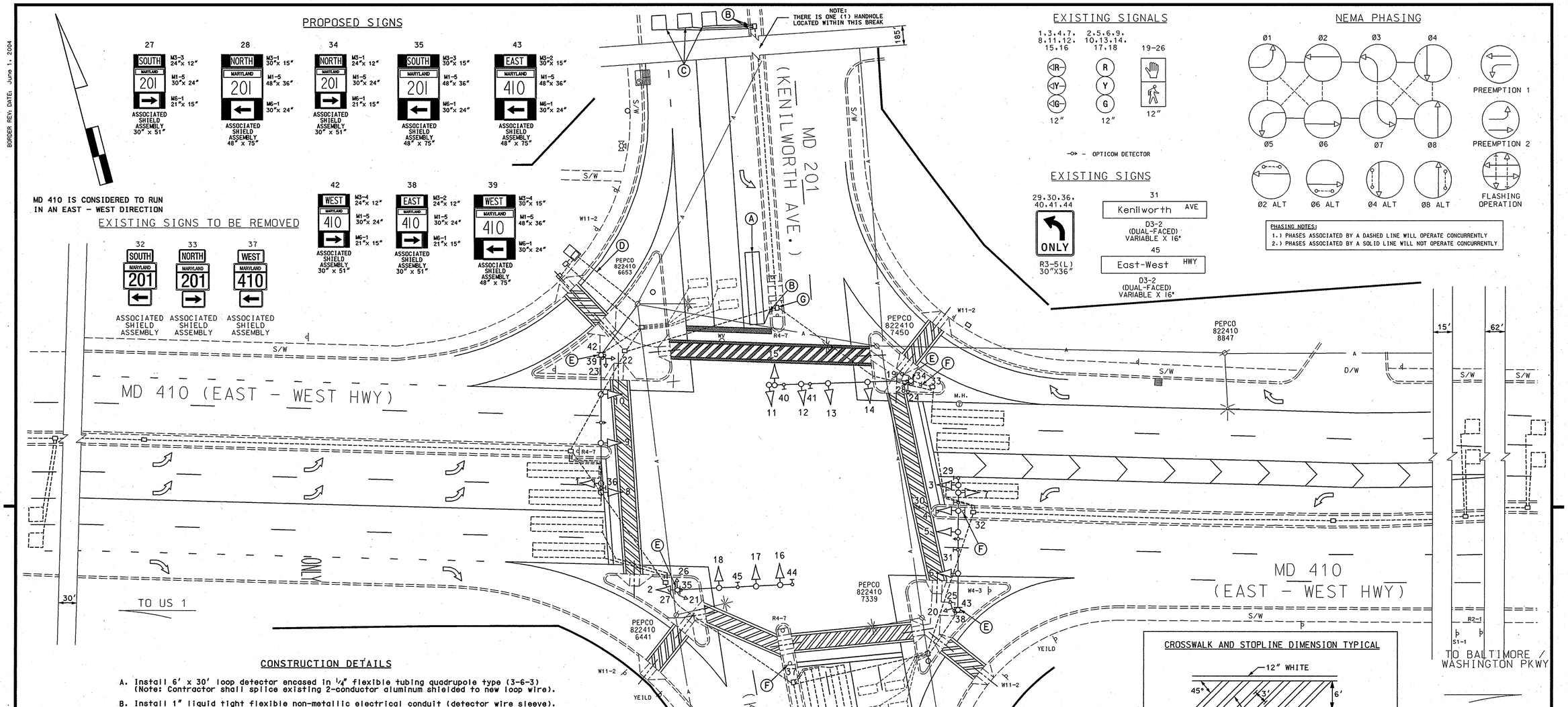
PREEMPTION 1

PREEMPTION 2

Ø2 ALT Ø6 ALT Ø4 ALT Ø8 ALT

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



CONSTRUCTION DETAILS

A. Install 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3) (Note: Contractor shall splice existing 2-conductor aluminum shielded to new loop wire).

B. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).

C. Install 6' x 6' loop detector encased in 1/4" flexible tubing quadrupole 4-turns (Note: Contractor shall splice existing 2-conductor aluminum shielded to new loop wire).

D. Maintain existing underground electrical service by PEPCO.

E. Install proposed Shield Assembly on existing mast arm pole.

F. Remove ground mounted sign and post as shown.

G. Use existing handhole.

CROSSWALK AND STOPLINE DIMENSION TYPICAL

12" WHITE — 45° — 3' — 6' — 12" WHITE — 4' — 24" WHITE STOPLINE

SCALE: 1"= 10'

NOTES:
1. ALL CROSSWALKS SHALL BE CENTERED ON HANDICAPPED RAMPS UNLESS OTHERWISE NOTED.

GENERAL NOTES:

1. The loop detectors and conduit are to be installed prior to the installation of the pavement markings 1' behind stopline. Also loop detectors are to be installed prior to final surface.
2. 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.
3. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards by the contractor during the Safety and Resurfacing project.
4. All pavement markings are to be installed as shown on these plans not from existing field conditions.
5. Contractor shall contact Jennifer Biddie at 410-787-5868 if full sized plans are needed.
6. The Contractor shall remove all unused wiring and properly tag and label all signal cables to the appropriate terminals.

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) 590-6637
4831a.dgn D6-29

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

REVISIONS
E — 6-20-05 — INSTALL NEW LOOPS DUE TO RESURFACING — RRZ
D — 2-00 — INSTALL OPTICOM DETECTOR EYE EB AND WB MD 410 — CJ/CI DD TH
C — 2-99 — SIGNAL EQUIPMENT MODIFICATION DUE TO GEOMETRIC IMROVEMENT

PLOTTED: @DATETIME@
FILE: $FILE@

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 410 (EAST WEST HWY) AND MD 201 (KENILWORTH AVE)

SCALE 1"= 20' DATE 2-21-00 CONTRACT NO. XX1005185

DESIGNED BY
DRAWN BY SPP
CHECKED BY TMH / CJ
F.A.P. NO. AC-STPG-000S(683)E
COUNTY PRINCE GEORGE'S
LOGMILE 16020103.95
TIMS NO. G936
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TS NO. 1159E | DRAWING NO. OF | SHEET NO. 1 OF 7

DRILL HOLES

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