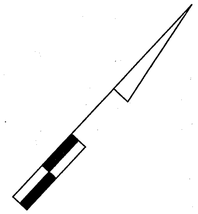
DRILL HOLES

BORDER REV: DATE: June 1, 2004



MD 118 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

EXISTING SIGNALS

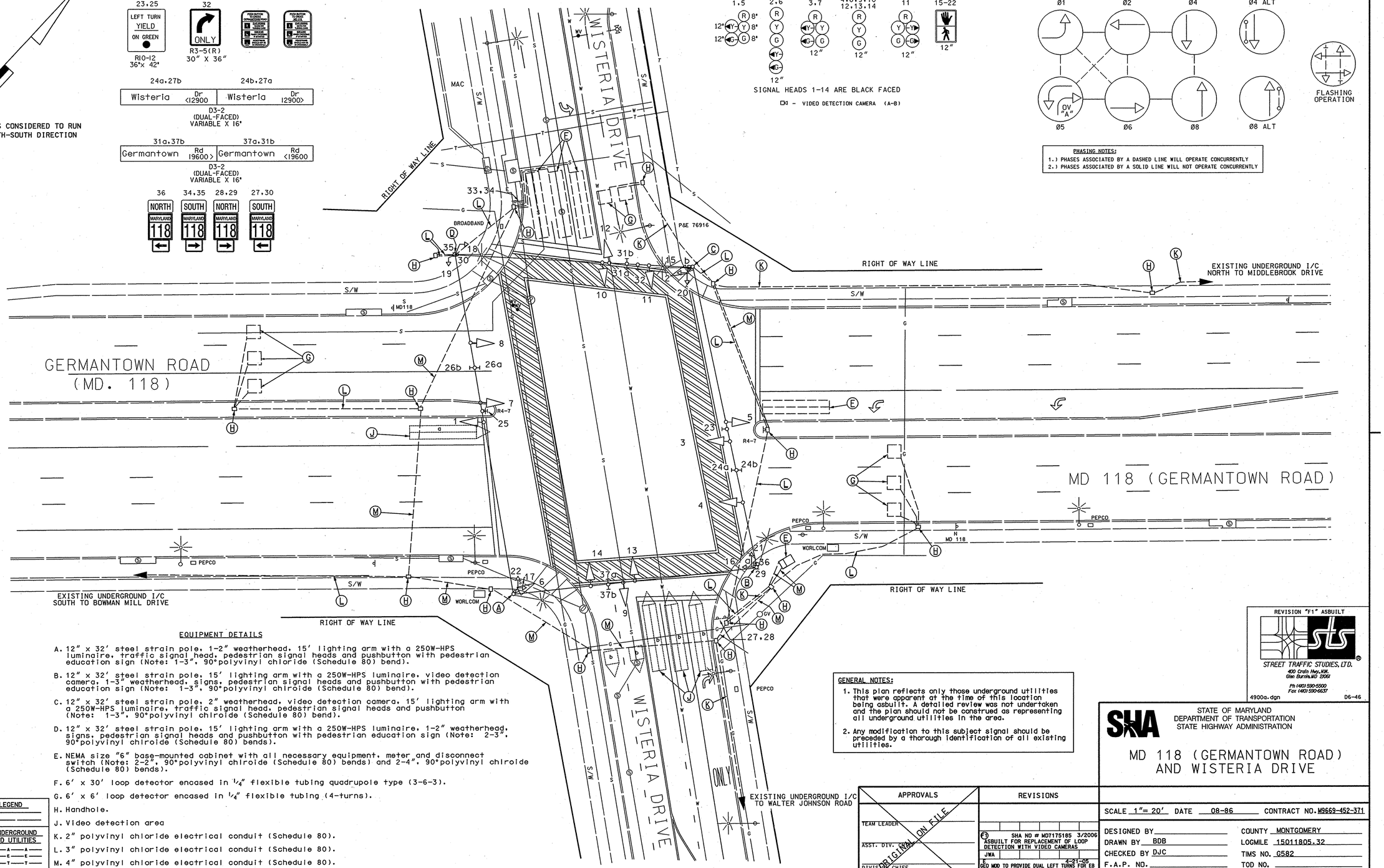
SIGNAL HEADS 1-14 ARE BLACK FACED

VIDEO DETECTION CAMERA (A-B)

NEMA PHASING

PHASING NOTES:

1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



EQUIPMENT DETAILS

A. 12" x 32' steel strain pole, 1-2" weatherhead, 15' lighting arm with a 250W-HPS luminaire, traffic signal head, pedestrian signal heads and pushbutton with pedestrian education sign (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend).

B. 12" x 32' steel strain pole, 15' lighting arm with a 250W-HPS luminaire, video detection camera, 1-3" weatherhead, signs, pedestrian signal heads and pushbutton with pedestrian education sign (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend).

C. 12" x 32' steel strain pole, 2" weatherhead, video detection camera, 15' lighting arm with a 250W-HPS luminaire, traffic signal head, pedestrian signal heads and pushbutton (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend).

D. 12" x 32' steel strain pole, 15' lighting arm with a 250W-HPS luminaire, 1-2" weatherhead, signs, pedestrian signal heads and pushbutton with pedestrian education sign (Note: 2-3", 90°polyvinyl chloride (Schedule 80) bends).

E. NEMA size "6" base-mounted cabinet with all necessary equipment, meter and disconnect switch (Note: 2-2", 90°polyvinyl chloride (Schedule 80) bends) and 2-4", 90°polyvinyl chloride (Schedule 80) bends).

F. 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

G. 6' x 6' loop detector encased in 1/4" flexible tubing (4-turns).

H. Handhole.

J. Video detection area

K. 2" polyvinyl chloride electrical conduit (Schedule 80).

L. 3" polyvinyl chloride electrical conduit (Schedule 80).

M. 4" polyvinyl chloride electrical conduit (Schedule 80).

N. Existing underground electrical service maintained by PEPCO.

GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and the plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.

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 —

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

REVISIONS	
F1	SHA NO # MD7175185 3/2006 ASBUILT FOR REPLACEMENT OF LOOP DETECTION WITH VIDEO CAMERAS
JWA	
E	4-21-06 GEO MOD TO PROVIDE DUAL LEFT TURNS FOR EB WISTERIA & PHASING CHANGE TO EXCLUSIVE FOR WISTERIA DR.
WT KP MAR DAZ BRK	

PLOTTED: MONDAY, MARCH 27, 2006 AT 5:15:09 PM
FILE: 4900A.DGN

REVISION "F1" ASBUILT

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

4900a.dgn D6-46

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 118 (GERMANTOWN ROAD) AND WISTERIA DRIVE

SCALE 1"= 20' DATE 08-86 CONTRACT NO. M9669-452-371

DESIGNED BY
DRAWN BY BDB
CHECKED BY DJC
F.A.P. NO.
COUNTY MONTGOMERY
LOGMILE 15011805.32
TIMS NO. G582
TOD NO.

TS NO. 2002G | DRAWING NO. 1 OF 1 | SHEET NO. OF