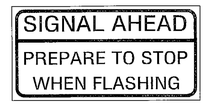
MD 543 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

PROPOSED SIGNS

12,16



W3-3a(1)
(120" x 48")

EXISTING SIGN TO BE REMOVED

19

EXISTING SIGNS TO REMAIN

21

14,20

EXISTING SIGNS TO BE RELOCATED (SHOWN IN FINAL LOCATION)

13,17

15,18

EXISTING SIGNAL HEADS TO BE REMOVED

1A,2A,
5A,6A

(Y)

12"

EXISTING SIGNAL HEADS TO REMAIN (INSTALL LED MODULES)

3,4,9-11

12"

8

12"

EXISTING SIGNAL HEAD TO BE RELOCATED (INSTALL LED MODULES) (SHOWN IN FINAL LOCATION)

7

12"/8"

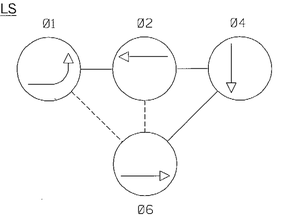
PROPOSED SIGNALS

1,2,
5,6

(Y)

12"

NEMA PHASING



FLASHING OPERATION

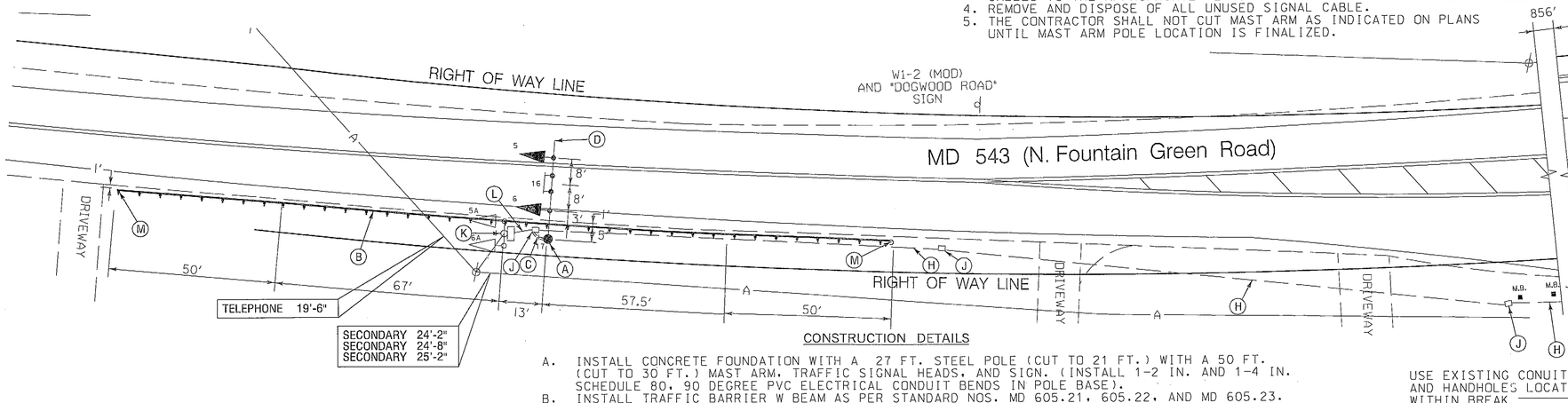
NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

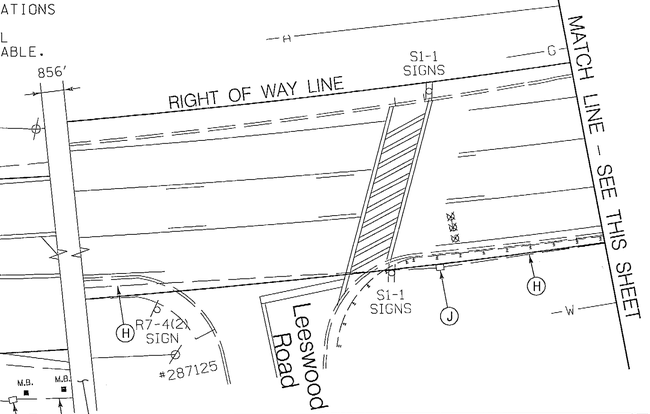
SPECIAL NOTE:

1. DISCONNECT EXISTING ELECTRICAL CABLE FROM EXISTING SIGNAL HEADS TO BE REMOVED AND RE-CONNECT TO PROPOSED SIGNAL HEADS. ANY SIGNAL OUTAGE SHALL BE SCHEDULED DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.

GENERAL NOTES

1. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
5. THE CONTRACTOR SHALL NOT CUT MAST ARM AS INDICATED ON PLANS UNTIL MAST ARM POLE LOCATION IS FINALIZED.





CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (CUT TO 21 FT.) WITH A 50 FT. (CUT TO 30 FT.) MAST ARM, TRAFFIC SIGNAL HEADS, AND SIGN. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
B. INSTALL TRAFFIC BARRIER W BEAM AS PER STANDARD NOS. MD 605.21, 605.22, AND MD 605.23.
C. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
D. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.
E. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
F. USE EXISTING STEEL POLE. REMOVE EXISTING SIGNAL HEAD MODULES AND SIGN AND INSTALL LED SIGNAL HEAD MODULES IN EXISTING SIGNAL HEADS.
G. USE EXISTING STEEL POLE. REMOVE EXISTING SIGNAL HEAD MODULES. INSTALL LED SIGNAL HEAD MODULES IN EXISTING SIGNAL HEADS AS SHOWN. RELOCATE EXISTING SIGNAL HEAD AND SIGNS AS SHOWN.
H. USE EXISTING CONDUIT.
J. USE EXISTING HANDHOLE.
K. REMOVE EXISTING POLE MOUNTED AUXILLARY CABINET, METER AND SERVICE DISCONNECT, AND HAZARD IDENTIFICATION BEACON PEDESTAL POLE AND RELOCATE SIGN TO MAST ARM POLE. REMOVE FOUNDATION 12 INCHES BELOW GRADE AND BACKFILL.
L. CAP AND ABANDON EXISTING CONDUIT.
M. INSTALL TYPE C TRAFFIC BARRIER END TREATMENT AS PER STANDARD MD 605.03

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

WHITMAN, REQUARDT & ASSOCIATES, LLP
801 South Caroline Street, Baltimore, Maryland 21231

BY: bdonoway

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

A INSTALL OVERHEAD ADVANCE W1B 4/16/2010 XX3535168

BRO NML

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

MD 543 (N. Fountain Green Road) and C. Milton Wright High School
Bel Air, MD

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' DATE 32500 CONTRACT NO. HA1995176

DESIGNED BY
DRAWN BY C. MUNZ
CHECKED BY
F.A.P. NO.

COUNTY Harford
LOGMILE 12054308.75
TIMS NO. K350
TOD NO.

TS NO. 3987 A | DRAWING TSP-1 OF 2 | SHEET NO. 1 OF 2

PLOTTED: 05-18-2010
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