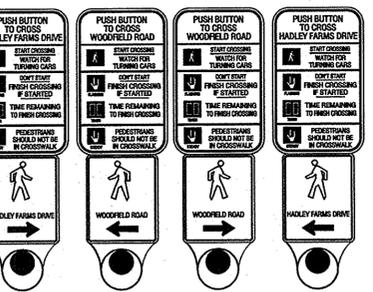
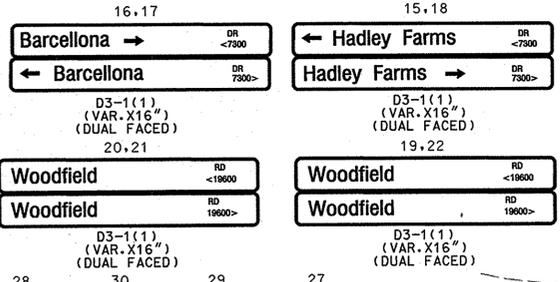
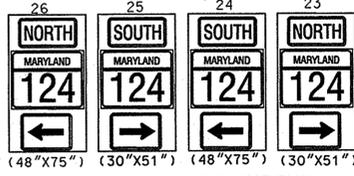
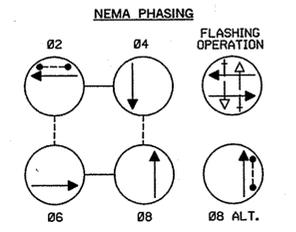
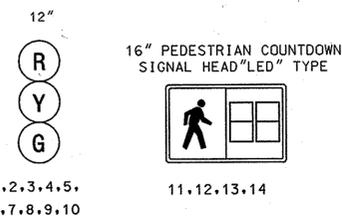


PROPOSED SIGNS

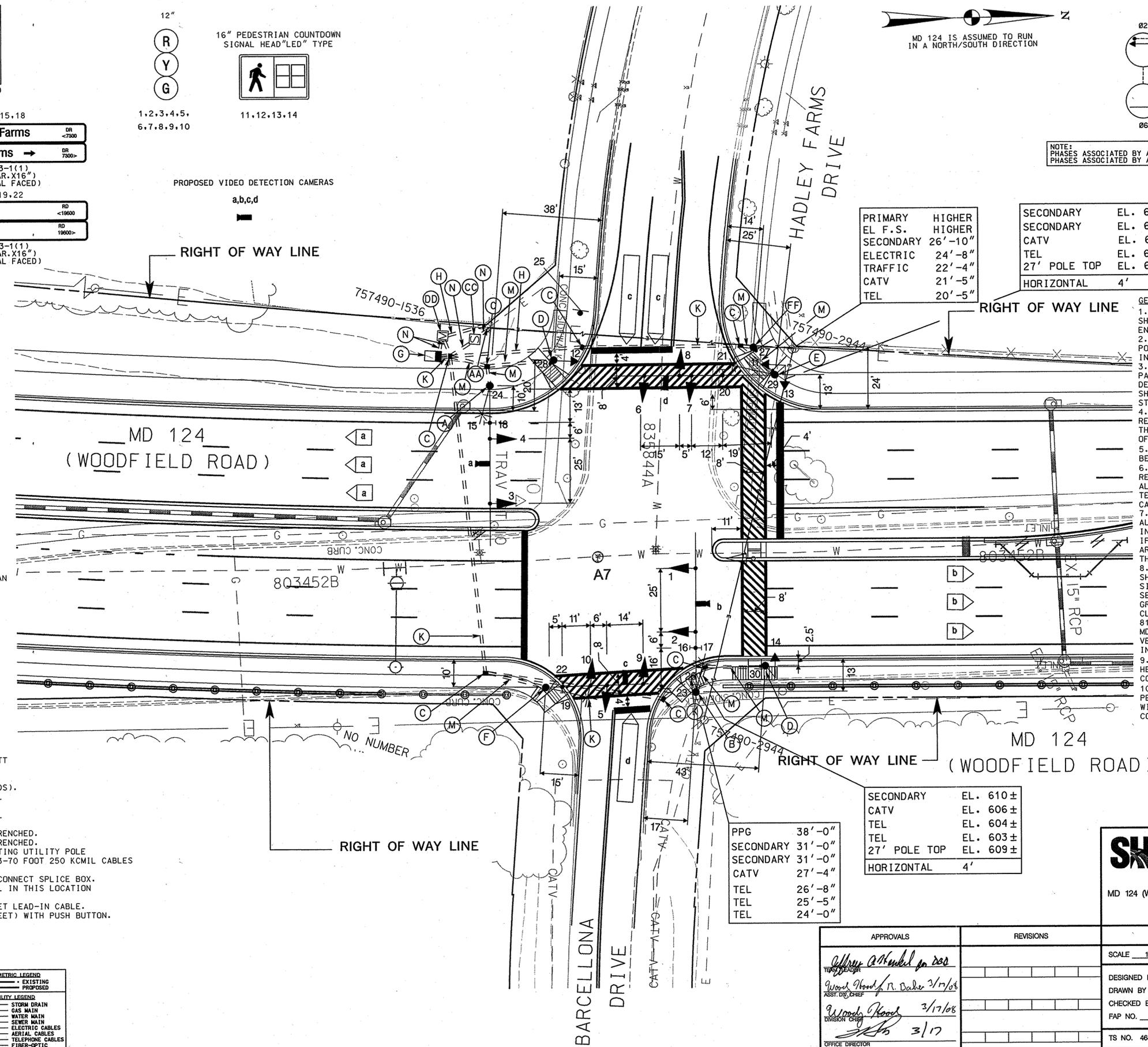


PROPOSED SIGNALS



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

- CONSTRUCTION DETAILS**
- A. INSTALL CONCRETE FOUNDATION WITH ONE 27' STEEL POLE AND ONE 60' MAST ARM, TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, PEDESTRIAN PUSH BUTTON, SIGNS, OVERHEAD VIDEO DETECTION CAMERA MOUNTED ON MAST ARM, 10' LIGHTING ARM AND 250 WATT HPS LUMINAIRE AS SHOWN (1-3" CONDUIT BEND).
 - B. INSTALL CONCRETE FOUNDATION WITH ONE 27' STEEL POLE AND ONE 50' MAST ARM, TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, PEDESTRIAN PUSH BUTTON, SIGNS, OVERHEAD VIDEO DETECTION CAMERA MOUNTED ON MAST ARM, 10' LIGHTING ARM AND 250 WATT HPS LUMINAIRE AS SHOWN (1-3" CONDUIT BEND).
 - C. INSTALL ELECTRICAL HANDHOLE.
 - D. INSTALL CONCRETE FOUNDATION WITH A 10' PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD, PUSH BUTTON AND SIGNS.
 - E. INSTALL CONCRETE FOUNDATION WITH ONE 27' STEEL POLE AND ONE 60' MAST ARM, TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEAD, PEDESTRIAN PUSH BUTTON, SIGNS, OVERHEAD VIDEO DETECTION CAMERA MOUNTED ON MAST ARM AND 15' LIGHTING ARM AND 250 WATT HPS LUMINAIRE AS SHOWN (1-3" CONDUIT BEND).
 - F. INSTALL CONCRETE FOUNDATION WITH ONE 27' STEEL POLE AND ONE 38' MAST ARM, PEDESTRIAN SIGNAL HEAD, PEDESTRIAN PUSH BUTTON, SIGNS, OVERHEAD VIDEO DETECTION CAMERA MOUNTED ON THE MAST ARM AND 15' LIGHTING ARM AND 250 WATT HPS LUMINAIRE AS SHOWN (1-3" CONDUIT BEND).
 - G. INSTALL A NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER (2-4", 1-3" AND 1-2" CONDUIT BENDS).
 - H. INSTALL 2-4" SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED.
 - K. INSTALL 2-4" SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - SLOTTED.
 - M. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
 - N. INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
 - AA. FURNISH AND INSTALL 2-4" PVC RISERS ON EXISTING UTILITY POLE (1-FOR PEPCO) (1-FOR INTERCONNECT) AND PROVIDE 3-70 FOOT 250 KCMIL CABLES COILED AT BASE FOR PEPCO USE.
 - CC. FURNISH AND INSTALL MONTGOMERY COUNTY INTERCONNECT SPLICE BOX.
 - DD. INSTALL A NEW EMBEDDED METER SERVICE PEDESTAL IN THIS LOCATION TO SERVICE THE NEW SIGNAL CONTROLLER CABINET.
 - EE. INSTALL NON-INVASIVE DETECTORS WITH 1000 FEET LEAD-IN CABLE.
 - FF. INSTALL A 10 FOOT PEDESTAL POLE (CUT TO 5 FEET) WITH PUSH BUTTON.



PRIMARY	HIGHER
EL F.S.	HIGHER
SECONDARY	26'-10"
ELECTRIC	24'-8"
TRAFFIC	22'-4"
CATV	21'-5"
TEL	20'-5"

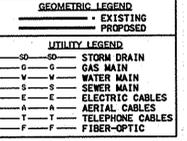
SECONDARY	EL. 606 ±
SECONDARY	EL. 604 ±
CATV	EL. 601 ±
TEL	EL. 600 ±
27' POLE TOP	EL. 608 ±
HORIZONTAL	4'

- GENERAL NOTES:**
1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
 2. THE CONTRACTOR SHALL VERIFY PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
 3. FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
 4. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
 5. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
 7. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
 8. 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.
 9. CONTRACTOR SHALL BAG ALL SIGNAL HEADS NOT ACTIVELY IN USE DURING CONSTRUCTION.
 10. CONTRACTOR SHALL MAINTAIN SAFE PEDESTRIAN CROSSING PATHS IN ACCORDANCE WITH MUTCD DURING ALL PHASES OF CONSTRUCTION.

SECONDARY	EL. 610 ±
CATV	EL. 606 ±
TEL	EL. 604 ±
TEL	EL. 603 ±
27' POLE TOP	EL. 609 ±
HORIZONTAL	4'

PPG	38'-0"
SECONDARY	31'-0"
SECONDARY	31'-0"
CATV	27'-4"
TEL	26'-8"
TEL	25'-5"
TEL	24'-0"

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APPROVALS

Office Director: *[Signature]*
 Traffic Engineer: *[Signature]*
 Design: *[Signature]*
 Date: 3/17/08

TRAFFIC SIGNAL PLAN

SCALE: 1" = 20' DATE: NA CONTRACT NO.: M08325171

DESIGNED BY: AH COUNTY: MONTGOMERY
 DRAWN BY: AF LOGMILE: 15012408.51
 CHECKED BY: JFL TMS NO.: H079
 FAP NO.: AC-STP-103@E TOD NO.:

TS NO. 4646 DRAWING SP-25 OF 39 SHEET NO. 283 OF 377

PLOTTED: 12:03 PM on Monday, March 17, 2008
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