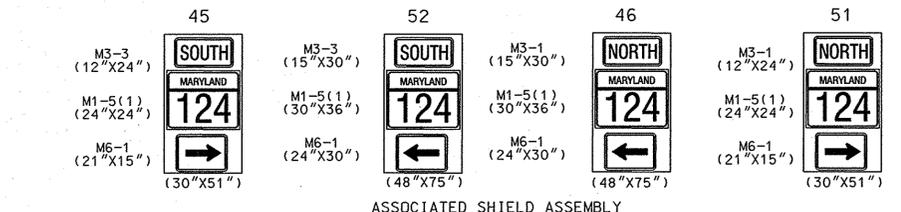
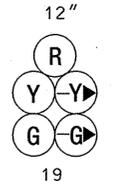


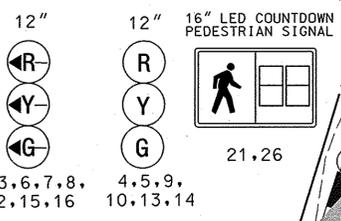
PROPOSED SIGNS



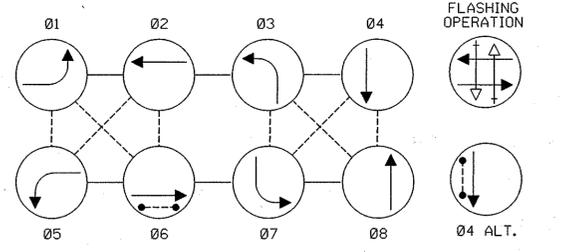
TRAFFIC SIGNAL HEAD TO BE INSTALLED IN FUTURE (NOT SHOWN)



PROPOSED SIGNALS



NEMA PHASING



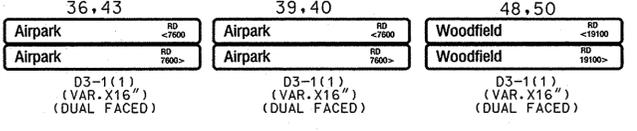
NOTE: PHASING ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASING ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

RIGHT OF WAY LINE

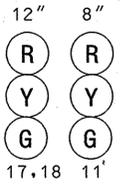


MD 124 IS ASSUMED TO RUN IN A NORTH SOUTH DIRECTION

- 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.
 11. APS PUSH BUTTONS MAY BE USED AS A STANDARD PUSH BUTTON DURING TEMPORARY PHASING UNTIL ALL NEW PUSH BUTTONS FOR EACH CROSSING ARE INSTALLED.



EXISTING SIGNALS TO BE RELOCATED



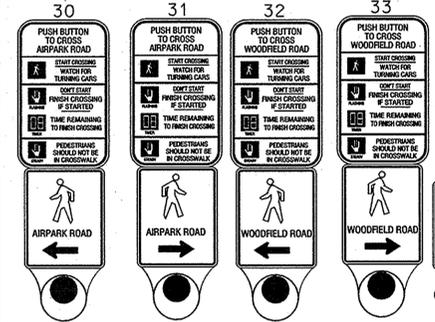
EXISTING SIGNALS TO REMAIN



PROPOSED SIGNALS TO BE BAGGED



PROPOSED SIGNS TO BE BAGGED



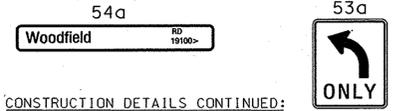
CONSTRUCTION DETAILS

- INSTALL CONCRETE FOUNDATION WITH ONE 27' STEEL POLE AND ONE 70' MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS AND OVERHEAD VIDEO DETECTION CAMERA MOUNTED ON THE MAST ARM, 10' LIGHTING ARM AND 250 WATT HPS LUMINAIRE. BAG TRAFFIC SIGNAL HEADS AND SIGNS AS INDICATED (1-3" CONDUIT BEND).
- REMOVE SPAN WIRE.
- INSTALL ELECTRICAL HANDHOLE.
- INSTALL CONCRETE FOUNDATION WITH ONE 10' PEDESTRIAN POLE, PEDESTRIAN SIGNAL HEAD, APS PUSH BUTTON AND SIGNS. (1-3" CONDUIT BEND)
- REMOVE EXISTING CROSSWALK WHEN NO LONGER NEEDED.
- INSTALL A NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER (2-4", 1-3", AND 1-2" CONDUIT BENDS).
- INSTALL 2-4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- INSTALL 2-4" SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.
- INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- REMOVE EXISTING SIGNAL POLE, SPAN WIRE, SIGNAL HEADS, LUMINAIRES AND LIGHTING ARMS.
- REMOVE EXISTING TRAFFIC SIGNAL CONTROLLER.
- YAP AND ABANDON EXISTING CONDUIT.
- REMOVE EXISTING HANDHOLE.
- INSTALL A NEW EMBEDDED METER SERVICE PEDESTAL IN THIS LOCATION TO SERVICE THE NEW SIGNAL CONTROLLER CABINET.

SIGNS TO BE INSTALLED IN FUTURE (NOT SHOWN)



EXISTING SIGNALS TO BE RELOCATED



CONSTRUCTION DETAILS CONTINUED:

- CONTRACTOR SHALL MAINTAIN EXISTING POLE AND PEDESTRIAN SIGNALS DURING CONSTRUCTION IN THIS STAGE. CONTRACTOR TO USE TEMPORARY CONDUIT TO RUN NEW PEDESTRIAN SIGNAL CABLES. THIS STRAIN POLE SHALL BE REMOVED WHEN APPLICABLE.
- MAINTAIN EXISTING STRAIN POLE.
- INSTALL TEMPORARY SIGNAL HEAD ON SPAN WIRE, WIRE TO THE NEW CONTROLLER.
- RELOCATE EXISTING TRAFFIC SIGNAL HEADS AND WIRE TO THE NEW SIGNAL CONTROLLER.
- INSTALL TEMPORARY CONDUIT TO EXISTING POLE. RELOCATE EXISTING SIGN.
- INSTALL NEW SIGN ON SPAN WIRE.
- INSTALL CONCRETE FOUNDATION WITH ONE 20' PEDESTRIAN POLE, PEDESTRIAN SIGNAL HEAD, APS PUSH BUTTON, SIGN AND A TRAFFIC SIGNAL HEAD (1-3" CONDUIT BEND).

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GEOMETRIC LEGEND

---	EXISTING PROPOSED
---	UTILITY LEGEND
---	STORM DRAIN
---	GAS MAIN
---	WATER MAIN
---	SEWER MAIN
---	ELECTRIC CABLES
---	AERIAL CABLES
---	TELEPHONE CABLES
---	FIBER-OPTIC

APPROVALS

TEAM LEADER	ASSIST. DIV. CHIEF	DIVISION CHIEF	OFFICE DIRECTOR

REVISIONS

NO.	DESCRIPTION
1	MD 124 WIDENING
2	REPLACE SIGNAL HEADS WITH BLACKFACE
3	INSTALL STREET LIGHTING
4	SEPTEMBER 25, 1999 SIGNAL ADJUSTMENT
5	DUE TO GEOMETRIC IMPROVEMENTS

TEMPORARY TRAFFIC SIGNAL PLAN

SCALE	1" = 20'	DATE	N/A	CONTRACT NO.	M06325171
DESIGNED BY	K. BROWN (S.T.S.)	COUNTY	MONTGOMERY	DRAWN BY	K. BROWN (S.T.S.)
CHECKED BY	R. ZACHRAAL (S.T.S.)	LOGMILE	15012407.73	FAP NO.	AC-STP-1103(B)E
TS NO.	2248-E	DRAWING	SP-1	OF 39	SHEET NO. 259 OF 377

By: Aaron Hottenstein Division: 0101 Transportation