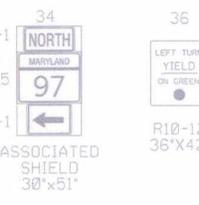


MD 384 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION.

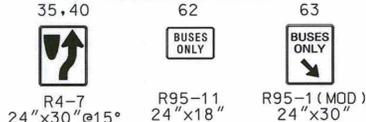


EXISTING SIGNS TO BE REMOVED



PROPOSED SIGNS

PROPOSED SIGNS TO BE INSTALLED BY OTHERS



**CONSTRUCTION DETAILS**

- A. USE EXISTING STEEL POLE AND MAST ARM. REMOVE EXISTING PUSHBUTTON, REWIRE EXISTING SIGNAL HEADS AND VIDEO DETECTION CAMERAS AND INSTALL COUNTDOWN PEDESTRIAN SIGNALS, APS STATION AND PEDESTRIAN EDUCATION SIGN. WHEN EB LEFT TURN IS CLOSED, REMOVE EXISTING SIGNAL HEADS AND INSTALL PROPOSED SIGNAL HEADS AS SHOWN ON PLANS AND AS DESCRIBED IN THE GENERAL NOTES. (NOTE: INSTALL 1-3", 90° POLYVINYL CHLORIDE (SCHEDULE 80) CONDUIT BEND IN EXISTING FOUNDATION).
- B. USE EXISTING STEEL POLE. REMOVE EXISTING TRAFFIC SIGNAL HEADS. INSTALL NEW TRAFFIC SIGNAL HEADS IN SAME LOCATION AND REWIRE. INSTALL NEW VIDEO DETECTION CABLE TO EXISTING CAMERA. (NOTE: INSTALL 1-3", 90° POLYVINYL CHLORIDE (SCHEDULE 80) CONDUIT BEND).
- C. USE EXISTING STEEL POLE. REMOVE EXISTING TRAFFIC SIGNAL HEADS PEDESTRIAN SIGNALS AND SPLICE CABINET AS SHOWN ON PLANS. INSTALL NEW TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, COUNTDOWN PEDESTRIAN SIGNALS, APS STATION AND PEDESTRIAN EDUCATION SIGN. INSTALL NEW VIDEO DETECTION CABLE FOR EXISTING CAMERA.
- D. USE EXISTING STEEL POLE. REMOVE EXISTING TRAFFIC SIGNAL HEADS AND PEDESTRIAN SIGNALS. INSTALL NEW TRAFFIC SIGNAL HEADS, COUNTDOWN PEDESTRIAN SIGNALS, APS STATION AND PEDESTRIAN EDUCATION SIGN.
- RELOCATE**  
E. **RELOCATE** EXISTING STEEL POLE. REMOVE EXISTING PEDESTRIAN SIGNALS. INSTALL NEW COUNTDOWN PEDESTRIAN SIGNALS, APS STATION AND PEDESTRIAN EDUCATION SIGN. (NOTE: INSTALL 1-3", 90° POLYVINYL CHLORIDE (SCHEDULE 80) CONDUIT BEND).
- F. INSTALL 5' BREAKAWAY PEDESTAL POLE W/ APS STATION AND PEDESTRIAN EDUCATION SIGN (NOTE: 1-3" POLYVINYL CHLORIDE (SCHEDULE 80) CONDUIT BEND).
- G. NOT USED.
- H. INSTALL HANDHOLE.
- J. INSTALL 2-4" POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUITS - SLOTTED (NOTE: SECOND CONDUIT IN THE SAME SLOT).
- K. REMOVE EXISTING HANDHOLE AND INSTALL NEW HANDHOLE IN SAME LOCATION.
- L. INSTALL 2-4" POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUITS - TRENCHED (NOTE: SECOND CONDUIT IN THE SAME TRENCH, REMOVE AND RESET BRICK PAVERS).
- M. INSTALL 3" POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED. REPLACE DAMAGED CONCRETE SIDEWALK.
- N. INSTALL 3" POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED (NOTE: REMOVE AND RESET BRICK PAVERS).
- O. INSTALL 24" WHITE HEAT APPLIED PERMANENT PERFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
- P. INSTALL 12" WHITE HEAT APPLIED PERMANENT PERFORMED THERMOPLASTIC PAVEMENT MARKING (CROSSWALK).

**CONSTRUCTION DETAILS (CONTINUED)**

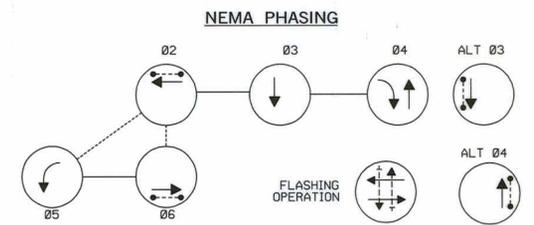
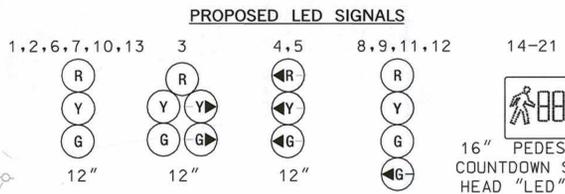
- Q. EXISTING SIGNS TO BE RELOCATED BY OTHERS.
- R. NOT USED
- S. USE EXISTING BASE MOUNTED CABINET.
- T. USE EXISTING HANDHOLE.
- U. USE EXISTING CONDUIT.
- V. REMOVE EXISTING HANDHOLE 12" BELOW GRADE
- W. CAP AND ABANDON EXISTING CONDUIT. REMOVE ALL UNUSED WIRES.
- X. REMOVE EXISTING SPLICE CABINET.
- Y. PROPOSED GROUND MOUNTED SIGN TO BE INSTALLED BY OTHERS.
- Z. **RELOCATE 5' BREAKAWAY PEDESTAL POLE W/ APS STATION AND PEDESTRIAN EDUCATION SIGN (NOTE: 1-3" POLYVINYL CHLORIDE (SCHEDULE 80) CONDUIT BEND).**

**GENERAL NOTES**

1. CONDUIT IS TO BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
2. ALL UNDERGROUND AND OVERHEAD 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 240-771-2101 AT MONTGOMERY COUNTY 72 HOURS PRIOR TO ANY CONSTRUCTION SO THAT THE CONFLICT MAY BE RESOLVED.
3. ALL PROPOSED PAVEMENT MARKINGS (OTHER THAN STOPLINES AND CROSSWALKS) ARE DETAILED ON THE PAVEMENT MARKING PLAN. ALL MARKINGS SHALL BE INSTALLED AFTER RESURFACING WORK BY OTHERS.
4. 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.
5. SEE PLAN SHEET 11 OF 12 AND 12 OF 12 FOR INTERCONNECT DETAILS AND QUANTITIES.
6. THE CONTRACTOR SHALL REMOVE ALL UNUSED WIRING.

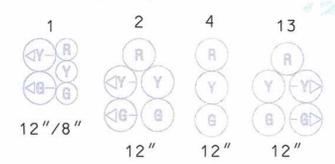
**GENERAL NOTES (CONTINUED)**

7. WHEN PROPOSED LEFT TURN LANE FOR BUSES ON W.B. COLESVILLE ROAD IS OPEN, INSTALL EXCLUSIVE HEADS 4 AND 5. REMOVE EXISTING HEAD 4 AND USE WIRE FOR PROPOSED HEAD 4. INSTALL SIGNS 61 AND 62 AND REMOVE SIGNS 39 AND 41 AT THIS TIME.
8. REWIRE EXISTING HEADS 1,2,3 AND 13 THRU PROPOSED CONDUIT AND COIL 5 FT EXTRA CABLE FOR SLACK WHEN INITIAL SIGNAL WORK IS PERFORMED. WHEN EXISTING LEFT TURN LANE ON E.B. COLESVILLE ROAD IS CLOSED, REMOVE EXISTING SIGNAL HEADS 1,2,3 AND 13, AND INSTALL PROPOSED HEADS 1,2,3 AND 13. WIRE THESE SIGNAL HEADS WITH CABLE FROM EXISTING HEADS. REMOVE VIDEO DETECTION CAMERA 'F' AND INSTALL SIGNS 59 AND 60.
9. GEOMETRICS AND DETECTABLE WARNING SURFACES SHALL BE DONE BY OTHERS

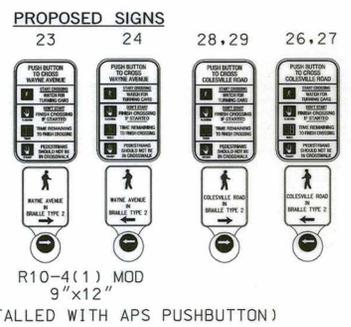
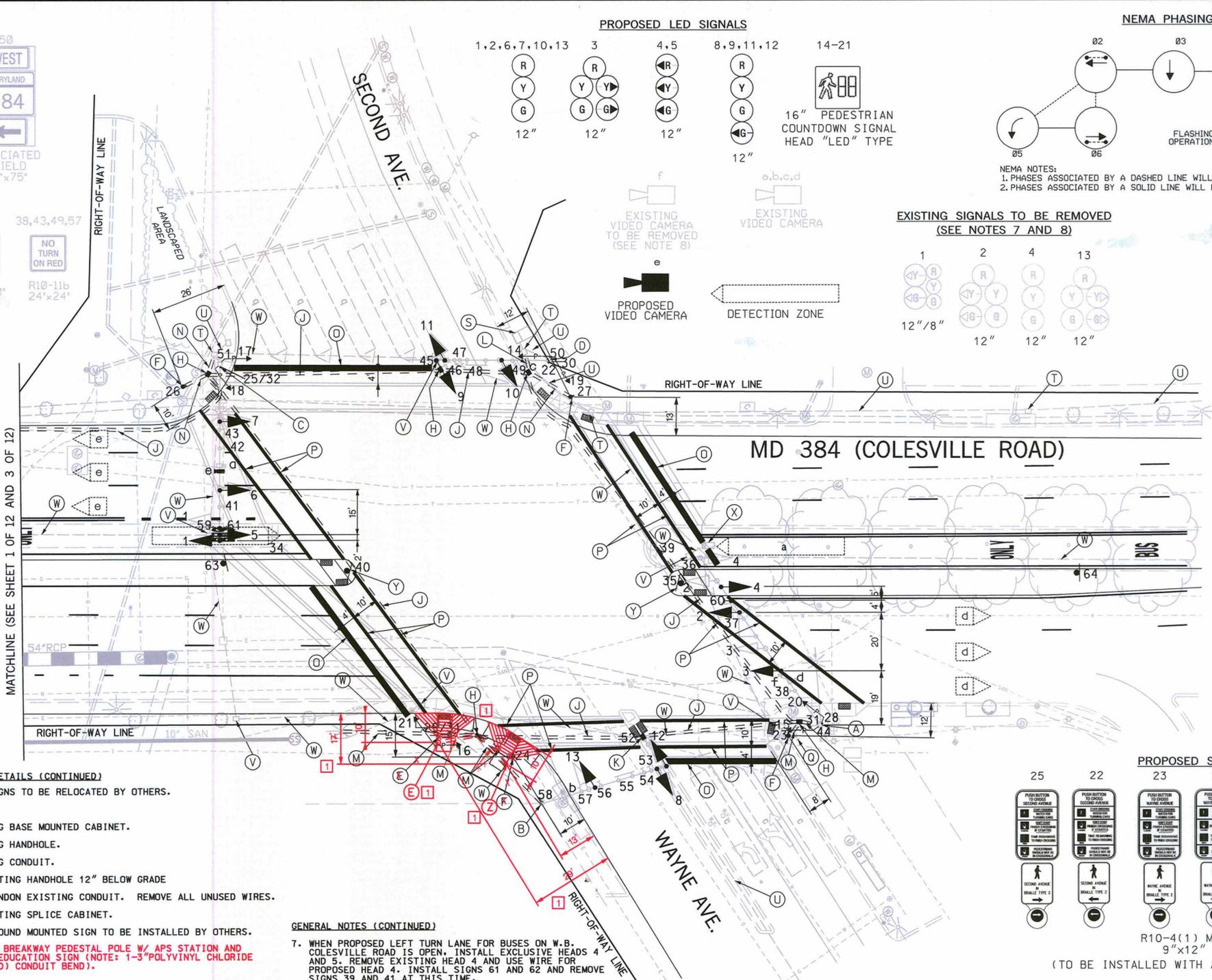


NEMA NOTES:  
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

EXISTING SIGNALS TO BE REMOVED (SEE NOTES 7 AND 8)



MATCHLINE (SEE SHEET 1 OF 12 AND 3 OF 12)



BY: BROWNCAR

<p><b>GEOMETRIC LEGEND</b></p> <p>— EXISTING — PROPOSED</p>		<p><b>UTILITY LEGEND</b></p> <p>— S — STORM DRAIN — G — GAS MAIN — W — WATER MAIN — S — SEWER MAIN — E — ELECTRIC CABLES — A — AERIAL CABLES — T — TELEPHONE CABLES — F — FIBER-OPTIC</p>		<p><b>APPROVALS</b></p> <p>TEAM LEADER ASST. DIV. CHIEF DIVISION CHIEF OFFICE DIRECTOR</p>		<p><b>REVISIONS</b></p> <p>© AUGUST 25, 2006 MODS DUE TO GEOMETRY CHANGES FOR SSSC TIM# H589 SHA NO. B9996862 © NOVEMBER 17, 2001 RECONSTR. AND UPDATED TO MD SHA STD. SHA NO. XX1065285 MAM MAR 24 2002 EK © AUGUST 08, 1984 REPLACED HANDHOLE AND CONDUIT IN SOUTH LEG OF INTERSECTION GEC D 242 CJP JU</p>		<p><b>TRAFFIC SIGNAL PLAN</b></p> <p>SCALE 1" = 20' DATE AUG. 28, 1984 CONTRACT NO. XX1065285</p> <p>DESIGNED BY _____ COUNTY MONTGOMERY DRAWN BY _____ LOGMILE 15038400.39 CHECKED BY _____ T.I.M.S. NO. H589 F.A.P. NO. _____ TOD NO. _____</p> <p>TS NO. 2092C DRAWING NO. 1 OF 2 SHEET NO. 5 OF 12</p>	
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1 REDLINE REVISION NO. 1 6/4/12 JB 6/12/12

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
**MD 384 (COLESVILLE ROAD)  
AND SECOND AVE./WAYNE AVE.**  
SILVER SPRING, MARYLAND