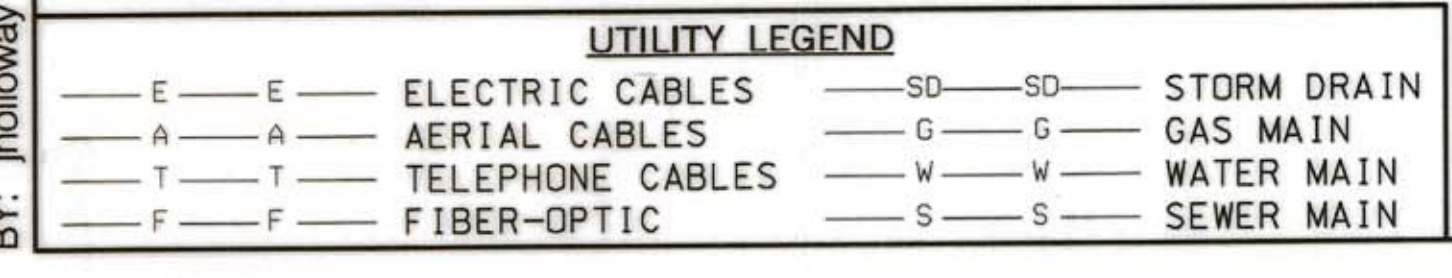


- CONSTRUCTION DETAILS**
- INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH 70 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, OVERHEAD VIDEO DETECTION CAMERA, 20 FT. LIGHTING ARM AND 250 WATT HPS LUMINAIRE. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
 - INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, PEDESTRIAN SIGNAL, PUSHBUTTON AND SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
 - INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH 70 FT. MAST ARM WITH PEDESTRIAN SIGNAL, PUSHBUTTON AND SIGN, SIGNAL HEADS, SIGNS AND OVERHEAD VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
 - INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL UTILITY SERVICE EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS).
 - INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - INSTALL (2) 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
 - INSTALL HANDHOLE.
 - INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.
 - INSTALL 12 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.
 - INSTALL 12 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES. 10 FT. APART WITH 45° HATCHING AT 2 FT. SPACING FOR CROSSWALKS.
 - REMOVE EXISTING POLE AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
 - REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.
 - REMOVE EXISTING BASE MOUNTED CONTROLLER, CABINET AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
 - MAINTAIN EXISTING HANDHOLE.
 - INSTALL CONCRETE FOUNDATION WITH A 15 FT. "T" STEEL POLE WITH 60 FT. MAST ARM WITH PEDESTRIAN SIGNALS, PUSHBUTTON AND SIGN, SIGNAL HEADS, SIGNS AND OVERHEAD VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
 - ABANDON EXISTING LOOP DETECTOR AND REMOVE ALL UNUSED CABLES FROM CONDUITS, HANDHOLES AND THE CABINET.
 - VIDEO DETECTION ZONE.
 - REMOVE EXISTING PAVEMENT MARKINGS AS SHOWN.
 - INSTALL METERED SERVICE PEDESTAL (NOTE: 3-2 IN. AND 1-4 IN. 90 DEGREE BENDS). (BY OTHERS) [1]
 - DISCONNECT EXISTING INTERCONNECT CABLE FROM EXISTING CONTROLLER. PULL BACK AND REROUTE INTO PROPOSED CONDUIT AND CONNECT TO NEW CONTROLLER.
 - INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH 70 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, OVERHEAD VIDEO DETECTION CAMERAS AND 20 FT. LIGHT ARM (FOR MONTGOMERY COUNTY CAMERA). (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
 - RELOCATE EXISTING CAMERA (BY MONTGOMERY COUNTY FORCES). CONTACT MIKE KINNEY AT 240-777-2100, 72 HOURS IN ADVANCE.
 - REMOVE EXISTING HANDHOLE, FRAME AND COVER 12 INCHES BELOW GRADE AND BACKFILL.
 - REMOVE TUBULAR POST.



- GENERAL NOTES**
- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH MONTGOMERY COUNTY (MCDPWAT).
 - THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
 - 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.
 - ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
 - ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
 - 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.
 - 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 819.02, MD 819.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
 - CONTACT MR. KAMAL HAMUD AT 240-777-8761, AND MR. MIKE KINNEY AT 240-777-8760 WITH MONTGOMERY COUNTY (MCDPWAT) FOR RELOCATION OF SURVEILLANCE CAMERA IN NW QUADRANT.
 - ALL PROPOSED CONDUIT UNDER PROPOSED SIDEWALK TO BE INSTALLED PRIOR TO SIDEWALK CONSTRUCTION.
 - REFER TO ROADWAY PLAN PS-1 FOR RAMP INSTALLATION DETAILS.

- CONSTRUCTION DETAILS CONTD.**
- REMOVE EXISTING GROUND MOUNTED SIGN.
 - RELOCATE EXISTING SPLICE CABINET TO NEW MAST ARM POLE. (BY MONTGOMERY CO. FORCES).
 - INSTALL GRND. MNTD. SIGN 1-4"x4" WD. SUPPORT.
 - INSTALL 2" RISER ON EXISTING UTILITY POLE.
 - INSTALL GRND. MNTD. SIGN 2-4"x4" WD. SUPPORT.
 - INSTALL GRND. MNTD. SIGN 1-4"x6" WD. SUPPORT.

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ARCHITECTURE ENGINEERING CONSTRUCTION

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STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 355 (FREDERICK ROAD) AT MD 118 (GERMANTOWN ROAD)
LEFT TURN LANE EXTENSION AND TRAFFIC SIGNAL RECONSTRUCTION

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE FEBRUARY 1991 CONTRACT NO. _____

DESIGNED BY	R.E.S.	COUNTY	MONTGOMERY
DRAWN BY	R.E.S.	LOG/MILE	15011807.39
CHECKED BY	Z.A.S.	TMS NO.	1477
F.A.P. NO.	SEE TITLE SHEET	TOD NO.	

TS NO. 2475B DRAWING SG-01 OF 3 SHEET NO. 12 OF 20

PLOTTED: Monday, February 28, 2011 AT 07:52 AM
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