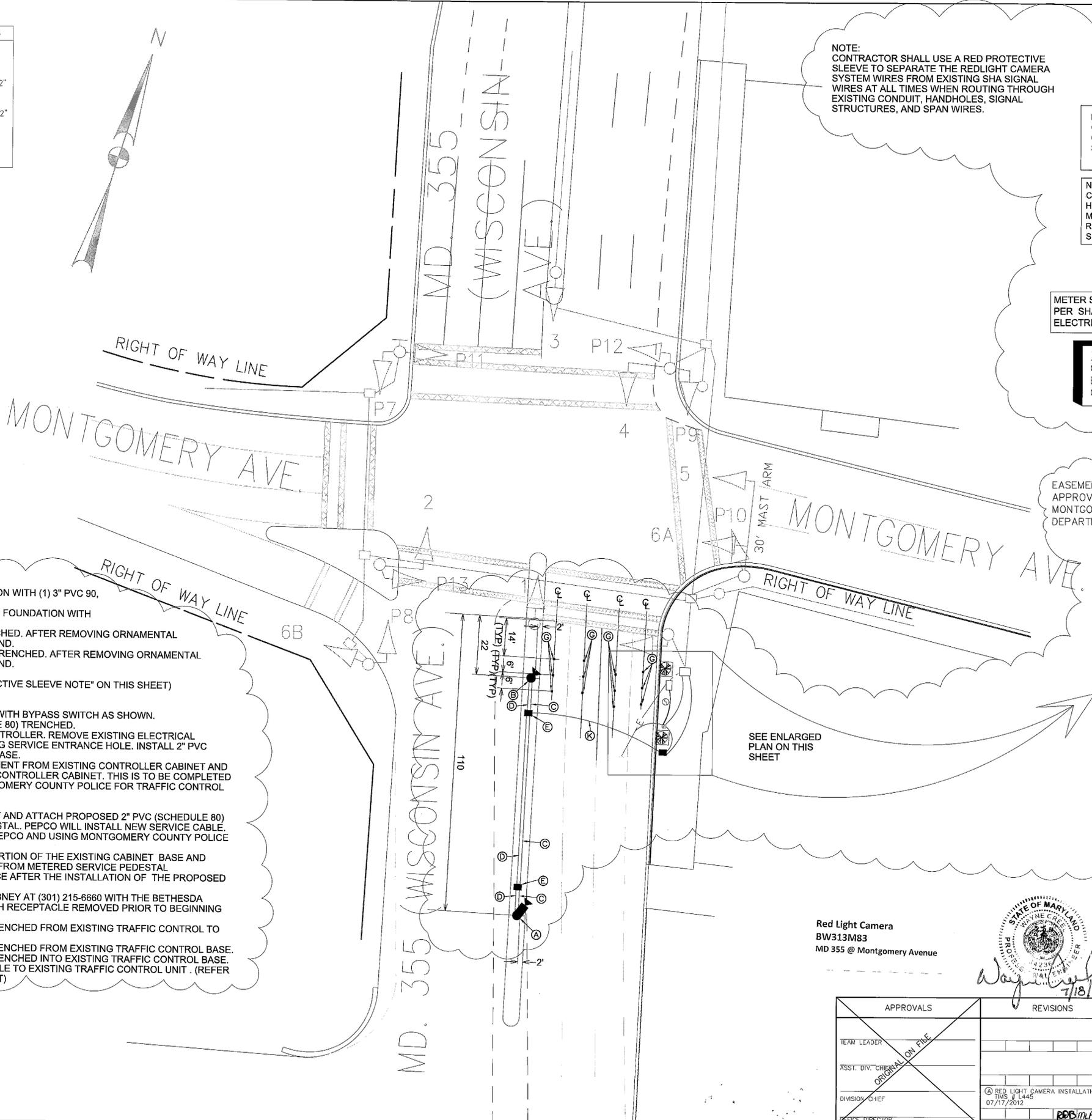
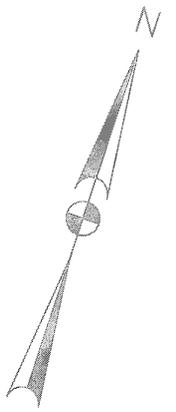
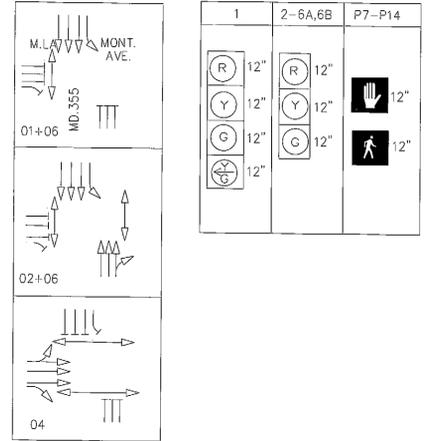


Border Rev. Date: March 12, 2006



NOTE:
CONTRACTOR SHALL USE A RED PROTECTIVE SLEEVE TO SEPARATE THE REDLIGHT CAMERA SYSTEM WIRES FROM EXISTING SHA SIGNAL WIRES AT ALL TIMES WHEN ROUTING THROUGH EXISTING CONDUIT, HANDHOLES, SIGNAL STRUCTURES, AND SPAN WIRES.

THIS DRAWING IS ISSUED AND STAMPED FOR RED LIGHT CAMERA INSTALLATION IN THE CLOUDED AREA ONLY

NOTE:
CONTRACTOR SHALL REFER TO MDOT STANDARD SPECIFICATION FOR CONSTRUCTION AND MATERIALS SECTION 603.03.01 (B-1) FORMS, SECTION 603.03.01 (C) CONCRETE, AND SECTION 603.03.01 (E) JOINTS FOR SIDEWALK REPAIR

NOTE:
CONTRACTOR SHALL REFER TO SHA STANDARDS FOR HIGHWAY AND INCIDENTAL STRUCTURES STANDARD NUMBERS MD 655.01, MD 655.02, MD 655.11, MD 655.12, AND MD 655.13 FOR REPAIR OF SIDEWALK EXPANSION JOINTS, SIDEWALK PASSING ZONES, SIDEWALK RAMPS, AND ADA RAMPS.

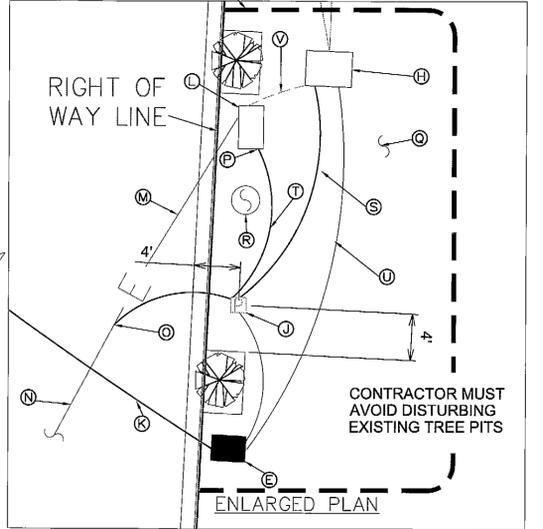
IF AN EXISTING CONDUIT IS MORE THAN 40% FULL, ADDITIONAL CONDUIT WILL BE INCLUDED AS NEEDED.

METER SERVICE PEDESTALS ARE TO BE PROVIDED BY THE SUBCONTRACTOR PER SHA SPECIFICATIONS AND MEET THE REQUIREMENTS OF ALL NEC ELECTRICAL CODES.

SPECIAL NOTE:
CONTRACTOR SHALL TEST PIT TO VERIFY LOCATION OF EXISTING CONDUIT AND UTILITY RUNS THAT WILL BE IN CLOSE PROXIMITY TO NEW EQUIPMENT INSTALLATIONS.

EASEMENT AREA PENDING APPROVAL FROM THE MONTGOMERY COUNTY POLICE DEPARTMENT

- CONSTRUCTION DETAILS**
- A. INSTALL CAMERA UNIT, 10' POLE, AND FOUNDATION WITH (1) 3" PVC 90, (1) 2" PVC 90 AND (1) 1" PVC 90.
 - B. INSTALL FLASH UNITS, RECEIVERS, 14' POLE, AND FOUNDATION WITH (1) 3" PVC 90, (1) 2" PVC 90 AND (1) 1" PVC 90.
 - C. INSTALL 2" PVC SCH 80 COMMS CONDUIT - TRENCHED. AFTER REMOVING ORNAMENTAL BRICK/STONE SIDEWALK. REPLACE SIDEWALK IN KIND.
 - D. INSTALL 2" PVC SCH 80 ELECTRICAL CONDUIT - TRENCHED. AFTER REMOVING ORNAMENTAL BRICK/STONE SIDEWALK. REPLACE SIDEWALK IN KIND.
 - E. INSTALL #5 PULLBOX.
 - F. USE EXISTING CONDUIT. (REFER TO "RED PROTECTIVE SLEEVE NOTE" ON THIS SHEET)
 - G. INSTALL SENSYS SENSOR CUBE.
 - H. USE EXISTING HAND HOLE.
 - J. INSTALL 100 AMP METERED SERVICE PEDESTAL. WITH BYPASS SWITCH AS SHOWN.
 - K. INSTALL 4" PVC ELECTRICAL CONDUIT (SCHEDULE 80) TRENCHED.
 - L. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. REMOVE EXISTING ELECTRICAL SERVICE FROM THE SIDE OF THE CABINET AND PLUG SERVICE ENTRANCE HOLE. INSTALL 2" PVC ELECTRICAL CONDUIT BEND IN EXISTING CABINET BASE.
 - M. REMOVE EXISTING ELECTRICAL SERVICE EQUIPMENT FROM EXISTING CONTROLLER CABINET AND UNDERGROUND SERVICE CONDUIT AND CABLE TO CONTROLLER CABINET. THIS IS TO BE COMPLETED AS A "WORK WITH" WITH PEPCO AND USING MONTGOMERY COUNTY POLICE FOR TRAFFIC CONTROL DURING THE CHANGE OVER.
 - N. EXISTING UNDERGROUND ELECTRICAL SERVICE.
 - O. LOCATE EXISTING UNDERGROUND, CUT CONDUIT AND ATTACH PROPOSED 2" PVC (SCHEDULE 80) BEND AND CONDUIT AND ROUTE TO SERVICE PEDESTAL. PEPCO WILL INSTALL NEW SERVICE CABLE. THIS IS TO BE COMPLETED AS "WORK WITH" WITH PEPCO AND USING MONTGOMERY COUNTY POLICE FOR TRAFFIC CONTROL DURING THE CHANGEOVER.
 - P. THE CONTRACTOR IS TO JACKHAMMER OUT A PORTION OF THE EXISTING CABINET BASE AND INSTALL A 2" PVC ELBOW FOR PROPOSED SERVICE FROM METERED SERVICE PEDESTAL
 - Q. REMOVE EXISTING BRICK SIDEWALK AND REPLACE AFTER THE INSTALLATION OF THE PROPOSED SIGNAL EQUIPMENT
 - R. THE CONTRACTOR IS TO CONTACT MR. DAVE DOBNEY AT (301) 215-6660 WITH THE BETHESDA URBAN PARTNERSHIP TO HAVE THE EXISTING TRASH RECEPTACLE REMOVED PRIOR TO BEGINNING WORK.
 - S. INSTALL 2" PVC SCH 80 ELECTRICAL CONDUIT TRENCHED FROM EXISTING TRAFFIC CONTROL TO EXISTING HANDHOLE.
 - T. INSTALL 2" PVC SCH 80 ELECTRICAL CONDUIT TRENCHED FROM EXISTING TRAFFIC CONTROL BASE.
 - U. INSTALL 2" PVC SCH 80 ELECTRICAL CONDUIT TRENCHED INTO EXISTING TRAFFIC CONTROL BASE.
 - V. USE EXISTING CONDUIT FROM EXISTING HANDHOLE TO EXISTING TRAFFIC CONTROL UNIT. (REFER TO "RED PROTECTIVE SLEEVE NOTE" ON THIS SHEET)



SEE ENLARGED PLAN ON THIS SHEET

Red Light Camera
BW313M83
MD 355 @ Montgomery Avenue



SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 355 (WISCONSIN AVE) NB AND MONTGOMERY AVE

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIR. ORIGINAL ON FILE	
DIVISION CHIEF	
OFFICE DIRECTOR	

SCALE	ADVERTISED DATE	CONTRACT NO.
DESIGNED BY	COUNTY	MONTGOMERY
DRAWN BY	LOGMILE	
CHECKED BY	TMS NO.	
F.A.P. NO.	TOD NO.	
DRAWING NO. 10435	OF	SHEET NO. 1 OF 2

ACS
A XEROX Company
12410 MILESTONE CENTER DR. 4TH FLOOR
GERMANTOWN, MD 20876

PLOTTED: 04/16/12
FILE: \$FILES

DRILL HOLES

DRILL HOLES

DRILL HOLES

BY: \$USERNAME\$