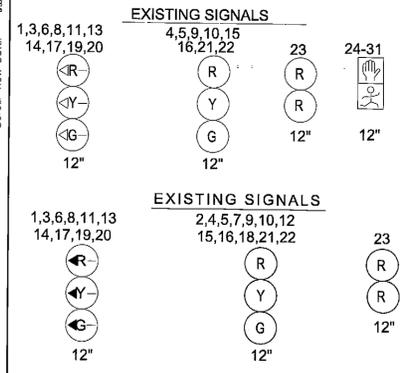
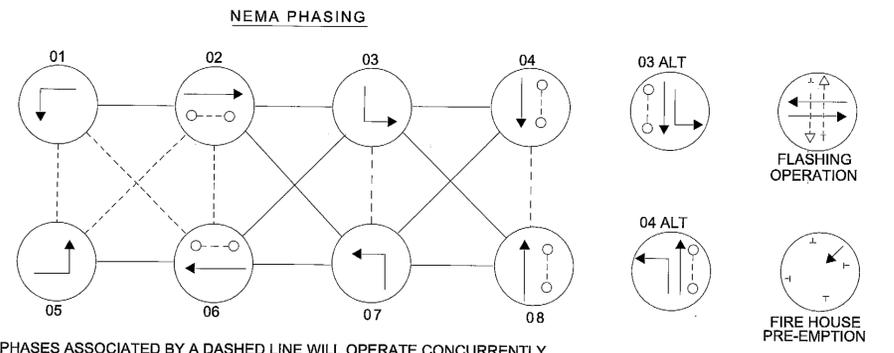


BY: \$USER\$NAME\$

MD 97 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.



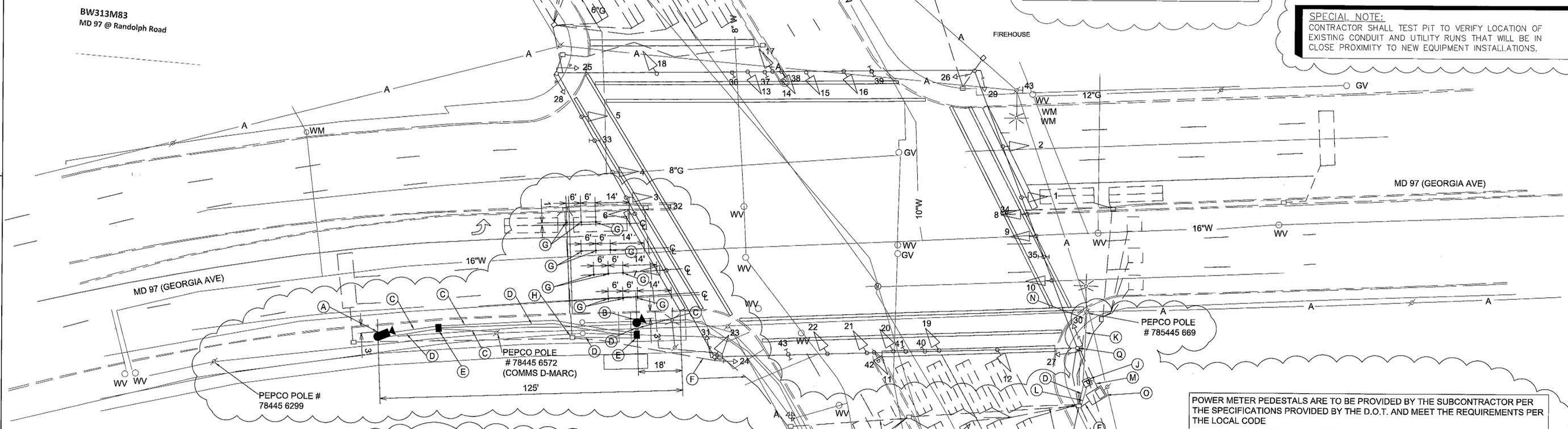
THIS DRAWING IS ISSUED AND STAMPED FOR RED LIGHT CAMERA INSTALLATION IN THE CLOUDED AREA ONLY



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

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

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.



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.

- 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.
 - D. INSTALL 2" PVC SCH 80 ELECTRICAL CONDUIT - TRENCHED.
 - E. INSTALL #5 PULLBOX.
 - F. USE EXISTING CONDUIT.
 - G. INSTALL SENSYS SENSOR CUBE.
 - H. USE EXISTING HANDHOLE.
 - J. INSTALL METERED SERVICE PEDESTAL AS SHOWN.
 - K. INSTALL 4" PVC ELECTRICAL CONDUIT (SCHEDULE 80) TRENCHED WITH A 4" PVC ELBOW AT THE WOOD POLE BASE.
 - L. INSTALL 2" PVC ELECTRICAL CONDUIT TRENCHED INTO EXISTING HANDHOLE.
 - M. LOCATE EXISTING UNDERGROUND ELECTRICAL SERVICE CONDUIT. REMOVE EXISTING CABLES AND CUT CONDUIT, ATTACH PROPOSED 2" PVC (SCH 80) CONDUIT FROM SERVICE PEDESTAL. THIS IS TO BE COMPLETED AS A "WORK WITH" WITH PEPSCO AND USING MONTGOMERY COUNTY POLICE FOR TRAFFIC CONTROL DURING THE CHANGE OVER.
 - N. REMOVE SIDEWALK SECTION (APPROXIMATELY 40 SF) FOR THE INSTALLATION OF THE PROPOSED CONDUIT AND REPLACE IN KIND. SEE SIDEWALK REPAIR DETAIL ON THIS SHEET.
 - O. USE EXISTING 2" BEND IN BASE MOUNTED CABINET AND CONTROLLER.
 - P. REMOVE EXISTING OVERHEAD ELECTRICAL SERVICE.
 - Q. REMOVE EXISTING ELECTRICAL EQUIPMENT FROM EXISTING SIGNAL POLE.

POWER METER PEDESTALS ARE TO BE PROVIDED BY THE SUBCONTRACTOR PER THE SPECIFICATIONS PROVIDED BY THE D.O.T. AND MEET THE REQUIREMENTS PER THE LOCAL CODE

NOTE:
CONTRACTOR SHALL INSTALL JET LINE IN NEW COMMS CONDUIT FOR PULLING OF FUTURE CABLE

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



UTILITY LEGEND	
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES

APPROVALS	
TEAM LEADER	<i>Original</i>
ASST. DIV. CHIEF	<i>br</i>
DIVISION CHIEF	<i>file</i>
OFFICE DIRECTOR	

REVISIONS	
1	RED LIGHT CAMERA INSTALLATION TIMS # L294 05/02/12
2	H 1/2 ADD NEAR-SIDE THRU HEADS REPLACE EXISTING HEADS WITH NEW BLACK HEADS 11/00
3	F. GEOMETRIC MOD PED SIGNALS EAST AND WEST LEGS 5/09
4	E. GEOMETRIC MOD SHA CONT # M07105176 3/97

SKA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 97 (GEORGIA AVE) SB AND RANDOLPH RD

SCALE 1"=20'	ADVERTISED DATE 4/26/12	CONTRACT NO.
DESIGNED BY	COUNTY MONTGOMERY	
DRAWN BY <i>Les Townsend</i>	LOGMILE 15.009704.64	
CHECKED BY <i>M. Ruckel</i>	TIMS NO.	
F.A.P. NO.	TOD NO.	
DRAWING NO. <i>TS 2392 J</i>	OF	SHEET NO. 1 OF 2