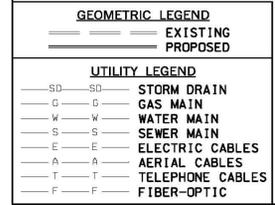


GENERAL NOTES

1. ALL UNDERGROUND 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 THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
2. 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, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
3. FOR FINAL PAVEMENT MARKINGS AND GROUND-MOUNTED SIGNS, REFER TO THE SIGNING AND PAVEMENT MARKING PLANS. MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS. PUSHBUTTONS TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60"x60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
4. THE 10' SEPERATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER OF POLE.
5. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
6. LOCATION OF ACCESSIBLE PEDESTRAIN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, ACCESSIBLE PEDESTRAIN SIGNALS: GUIDE TO BEST PRACTICE. IF NOT MET, THE CONTRACTOR IS TO STOP WORK AND CONTACT MR. KAMAL HAMUD OF MONTGOMERY COUNTY 240-777-8761.

CONSTRUCTION DETAILS

- A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH 50 FT. MAST ARM WITH SIGNAL HEADS, SIGN, 15 FT. LIGHTING ARM AND 250 WATT HPS LUMINAIRE WITH PHOTOCELL (NOTE: 1-2 IN. AND 1-3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- B. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50 FT. AND 70 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, 20 FT. LIGHTING ARM AND 250 WATT HPS LUMINAIRE WITH PHOTOCELL (NOTE: 1-2 IN. AND 1-3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- C. INSTALL CONCRETE FOUNDATION WITH 14 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, SIGNAL HEAD, COUNTDOWN PEDESTRIAN SIGNAL, APS PUSHBUTTON AND SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- D. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, COUNTDOWN PEDESTRIAN SIGNAL, APS PUSHBUTTON AND SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- E. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS).
- F. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR ELECTRICAL SERVICE - TRENCHED.
- G. STUB 4 IN. SCHEDULE 80 PVC CONDUIT 3 FT. FROM BASE OF PROPOSED BGE POLE #551256 FOR POWER SERVICE. (SERVICE CABLE FROM POLE #551256 TO THE METERED PEDESTAL TO BE PROVIDED BY BGE.)
- H. INSTALL HANDLE.
- I. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- J. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- K. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- L. INSTALL 2-4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- M. USE 3 IN. CONDUIT IN BRIDGE PARAPET FOR INTERCONNECT.
- N. INSTALL 6 FT. X 6 FT. QUADRUPOLE TYPE (4 TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
- O. TIE-IN TO JUNCTION BOX IN BRIDGE PARAPET.
- P. INSTALL METERED SERVICE PEDESTAL (NOTE: 2-2 IN. AND 1-4 IN. 90-DEG. PVC SCHEDULE 80 BENDS).
- Q. SEE RAMP B SIGNAL PLAN FOR REMAINING INTERCONNECT SOUTH.
- R. SEE BRIGGS CHANEY RD. INTERCONNECT PLAN FOR INTERCONNECT NORTH.
- S. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- T. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE (3-6-3 TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
- U. INSTALL 1 IN. RIGID GALVANIZED STEEL ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).



NO.	REVISION	BY	APP'D	DATE

DESIGNED BY: JRS DATE 09-28-09
 DRAWN BY: JRS DATE 09-28-09
 CHECKED BY: DSU DATE 09-28-09
 DRAWING NO.: SG-2J

Approved: _____
 Chief, Div. of Traffic Engineering and Operations

Reviewed: _____
 Manager, Traffic Engineering Studies

Reviewed: _____
 Manager, Transportation Systems Engineering

Recommended: _____
 Engineer, Transportation Systems Engineering

DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRAFFIC ENGINEERING & OPERATIONS
 MONTGOMERY COUNTY, MARYLAND

MD 200 WB RAMP "C" AT
 BRIGGS CHANEY ROAD
 BRIGGS CHANEY RD AT MD 200 (ICC) W RAMP

SCALE : 1" = 20'

TS 10696

