

PROJECT DESCRIPTION (ULTIMATE)

EQUIPMENT LIST 'A'

I. GENERAL:

THIS SIGNAL PARTIAL RECONSTRUCTION AT MD 185 (CONNECTICUT AVE) AND JONES BRIDGE ROAD IS PART OF THE BETHESDA BRAC INTERSECTION IMPROVEMENTS IN MONTGOMERY COUNTY. IMPROVEMENTS WILL INCLUDE KENSINGTON PARKWAY PROVIDING ADDITIONAL LANES ON MD 185, UPGRADING TO COUNTDOWN PEDESTRIAN SIGNAL HEADS, UPDATING EXISTING TRAFFIC SIGNAL HEADS TO LED, AND PROVIDING SIGNAL ACTUATION THROUGH VIDEO DETECTION.

MD 185 (CONNECTICUT AVENUE) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

II. INTERSECTION OPERATION:

THE INTERSECTION IS TO OPERATE IN A NEMA SIX-PHASE, FULLY-ACTUATED MODE, WITH THE MD 185 APPROACHES RUNNING CONCURRENTLY. EXCLUSIVE LEFT-TURN PHASES SHALL BE PROVIDED FOR THE TRIPLE LEFT-TURNS FROM EASTBOUND JONES BRIDGE ROAD TO NORTHBOUND MD 185, AND FOR SOUTHBOUND KENSINGTON PARKWAY TO SOUTHBOUND MD 185. A PEDESTRIAN PHASE WITH COUNT-DOWN PEDESTRIAN SIGNAL AND AUDIBLE/TACTILE PUSH-BUTTON STATION SHALL BE PROVIDED FOR ALL LEGS OF THE INTERSECTION, WITH THE EXCEPTION OF THE NORTH LEG OF MD 185.

VIDEO CAMERAS SHALL ACTUATE PRESENCE DETECTION AND PROVIDE ADVANCE PASSAGE DETECTION MD 185 AND ON JONES BRIDGE ROAD.

STREET LIGHTING AND STREET NAME SIGNS SHALL BE UPDATED TO CURRENT STANDARDS; AND THE INTERSECTION SHALL BE MODIFIED TO BE ADA-COMPLIANT.

AUDIBLE PUSHBUTTON MESSAGE FUNCTIONS AS FOLLOWS:

- WHEN THE PEDESTRIAN LOCATES AND PRESSES THE PUSH-BUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:  
 WEST LEG: "WAIT TO CROSS JONES BRIDGE AT CONNECTICUT, WAIT."  
 SOUTH LEG: "WAIT TO CROSS CONNECTICUT AT JONES BRIDGE, WAIT."  
 EAST LEG: "WAIT TO CROSS JONES BRIDGE AT CONNECTICUT, WAIT."  
 NORTHEAST LEG: "WAIT TO CROSS KENSINGTON AT JONES BRIDGE AND CONNECTICUT, CROSSWALK ANGLES LEFT, WAIT."
- WHEN THE "WALK" PHASE BEGINS, THE PUSHBUTTON WILL PROVIDE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

III. SPECIAL NOTES:

- THE APS PUSHBUTTONS AND CENTRAL CONTROL UNITS SHALL BE DELIVERED TO MR. ROBERT RICKETTS AT THE MONTGOMERY COUNTY TECHNICAL CENTER, 1283 SEVEN LOCKS ROAD, ROCKVILLE, MD 20854 FOR WIRING AND TESTING AT LEAST THREE (3) WEEKS PRIOR TO THE BEGINNING OF WORK.
- NOTIFY MR. ROBERT RICKETT (301-279-1975), MR. MIKE KINNEY (240-777-8760), AND MR. KAMAL HAMUD (240-777-8761) AT LEAST 72 HOURS PRIOR TO THE BEGINNING OF WORK.

PROJECT CONTACTS:

1. THE FOLLOWING ARE THE CONTACT PERSONS FOR THIS PROJECT:

- MS. CEDRIC WARD, ASSISTANT DISTRICT ENGINEER - TRAFFIC  
PHONE: (301) 513-7358
- MR. DUANE BERNARD, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION  
PHONE: (301) 513-7385
- MR. VERNON STINNETT, ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
PHONE: (301) 513-7304
- MR. VICTOR GRAFTON, UTILITY ENGINEER  
PHONE: (301) 513-7350
- MR. DAN MANTYK, CHIEF - TRAFFIC CONTROL DEVICE INSPECTION  
PHONE: (443) 572-5228
- MR. RICHARD DAFF, CHIEF - TRAFFIC OPERATIONS DIVISION  
PHONE: (410) 787-7630
- MR. EDWARD RODENHIZER, CHIEF - SIGNAL SHOP  
PHONE: (410) 787-7652
- MR. SONNY BAILEY, CHIEF - SIGN SHOP  
PHONE: (410) 787-7676
- MR. ROBERT RICKETT, MONTGOMERY COUNTY - SIGNAL SHOP  
PHONE: (301) 279-1975
- MR. KAMAL HAMUD, MONTGOMERY COUNTY - TMC  
PHONE: (240) 777-8761
- MR. MIKE KINNEY, MONTGOMERY COUNTY  
PHONE: (240) 777-8760

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