

I. GENERAL:

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

DURING THIS PHASE/STAGE OF THE RECONSTRUCTION, THE TRAFFIC SIGNAL HEADS ON THE SIGNAL POLE MAST ARM OVER THE SOUTH LEG OF MD 185 WILL BE UPDATED WITH LED HEADS. A VIDEO DETECTION CAMERA WILL BE INSTALLED ON THE SAME MAST ARM FOR SAMPLING SOUTHBOUND MD 185 TRAFFIC.

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

II. INTERSECTION OPERATION:

THE INTERSECTION WILL OPERATE IN A NEMA SIX-PHASE, FULLY-ACTUATED MODE, WITH THE MD 185 APPROACHES RUNNING CONCURRENTLY. EXCLUSIVE LEFT-TURN PHASES SHALL BE PROVIDED FOR LEFT-TURNS FROM EASTBOUND JONES BRIDGE ROAD TO NORTHBOUND MD 185, AND FROM SOUTHBOUND KENSINGTON PARKWAY TO SOUTHBOUND MD 185. A PEDESTRIAN PHASE WITH COUNTDOWN PEDESTRIAN SIGNAL AND AUDIBLE/TACTILE PUSHBUTTON STATION SHALL BE PROVIDED FOR WEST AND NORTH LEG CROSSINGS OF THE INTERSECTION. THESE PEDESTRIAN MOVEMENTS WILL BE DISALLOWED DURING PHASE 2B CONSTRUCTION; HOWEVER, PEDESTRIAN SIGNALS FOR THE ENTIRE INTERSECTION WILL BE ACTIVATED AFTER THE COMPLETION OF ALL ROADWORK ACTIVITY IN THE PROJECT AREA.

III. SPECIAL NOTES:

- 1. 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.
2. NOTIFY MR. ROBERT RICKETTS (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 RICKETTS - MONTGOMERY COUNTY PHONE: (301) 279-1975
MR. KAMAL HAMUD - MONTGOMERY COUNTY PHONE: (240) 777-8761
MR. MIKE KINNEY - MONTGOMERY COUNTY PHONE: (240) 777-8760
THE POWER COMPANY REPRESENTATIVE
MR. PAUL WILSON
PEPCO-DISTRIBUTION ENGINEERING
201 W. GUDE DRIVE
ROCKVILLE, MD 20850
(301) 548-4332

- 2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE STANDARD PLATES FOR TRAFFIC CONTROL FROM SECTION MD 104.00 OF THE SHA BOOK OF STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES.

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION AND INSTALLED BY THE CONTRACTOR.

Table with columns: CATEGORY CODE, QUANTITY, DESCRIPTION. Includes items like 92 SF FLAT SHEET ALUMINUM SIGNS, 2 EA R3-18 'NO LEFT/U-TURN' signs, etc.

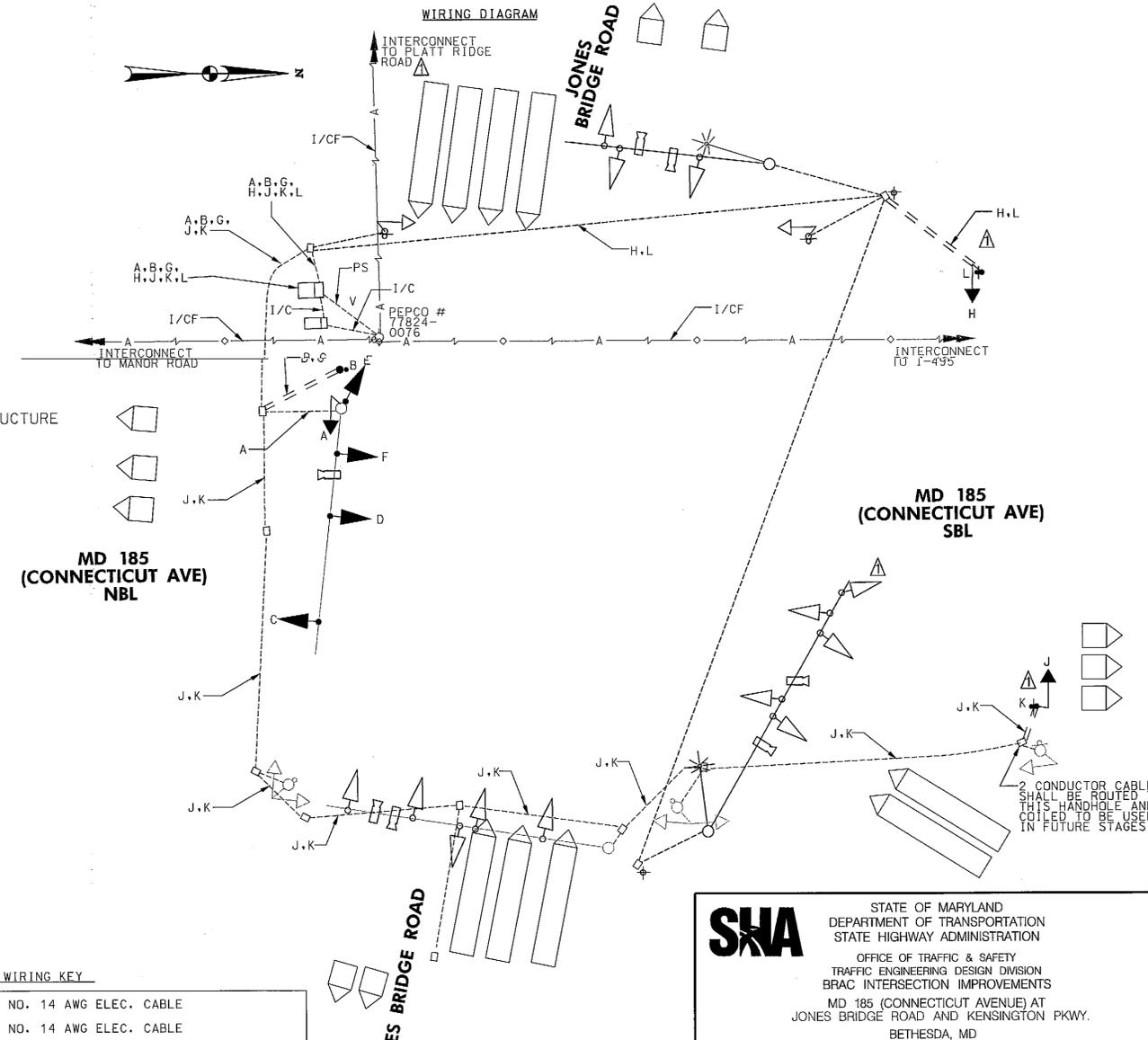
EQUIPMENT LIST 'B'

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

Table with columns: CATEGORY CODE, QUANTITY, DESCRIPTION. Includes items like 3 EA AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON & SIGN, 70 LF NO. 6 AWG STRANDED BARE COPPER GROUND WIRE, etc.

PHASE CHART

Phase chart table showing signal phases (1-4, Ped. Clear, etc.) and timing for 27 approaches. Includes a legend for signal types (R, G, Y, etc.) and a note about pedestrian signals.



WIRING KEY table defining symbols used in the wiring diagram: A.H.J - 5 CONDUCTOR NO. 14 AWG ELEC. CABLE, B.K.L - 2 CONDUCTOR NO. 14 AWG ELEC. CABLE, etc.

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION BRAC INTERSECTION IMPROVEMENTS MD 185 (CONNECTICUT AVENUE) AT JONES BRIDGE ROAD AND KENSINGTON PKWY. BETHESDA, MD

Revisions table and project information table including MOT PHASE 2B (STAGE 1) - GENERAL INFORMATION PLAN, SCALE, DESIGNED BY, DRAWN BY, etc.

CENTURY ENGINEERING CONSULTING ENGINEERS - PLANNERS 10710 GILROY ROAD HUNT VALLEY, MD 21031

PHASE 2B - STAGE 1