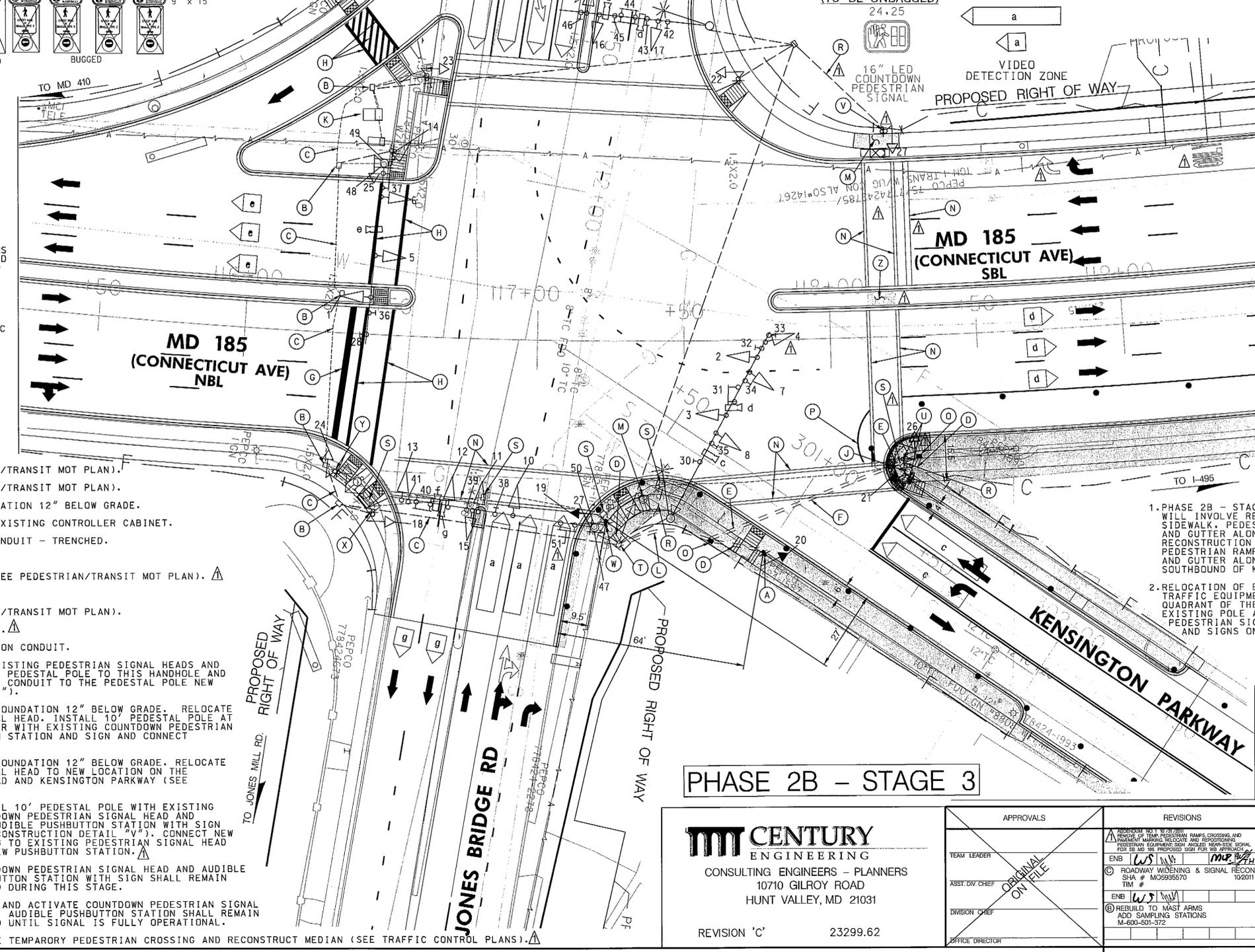
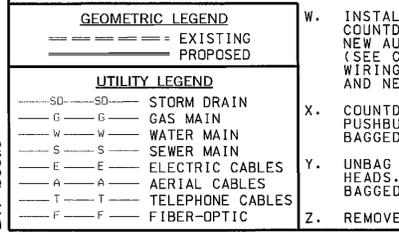


- CONSTRUCTION DETAILS**
- A. INSTALL 10' PEDESTAL POLE WITH COUNTDOWN PEDESTRIAN SIGNAL HEADS, AUDIBLE PUSHBUTTON STATION AND SIGN (NOTE: 1-2" SCHEDULE 80 PVC CONDUIT WITH 90° BEND).
 - B. USE EXISTING HANDHOLE.
 - C. USE EXISTING CONDUIT.
 - D. INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
 - E. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
 - F. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.
 - G. TEMPORARY STOP LINE (SEE PEDESTRIAN/TRANSIT MOT PLAN).
 - H. TEMPORARY CROSSWALK (SEE PEDESTRIAN/TRANSIT MOT PLAN).
 - J. REMOVE EXISTING EQUIPMENT AND FOUNDATION 12" BELOW GRADE.
 - K. CONNECT PROPOSED EQUIPMENT IN THE EXISTING CONTROLLER CABINET.
 - L. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
 - M. REMOVE TEMPORARY PEDESTRIAN RAMP.
 - N. REMOVE EXISTING PAVEMENT MARKING (SEE PEDESTRIAN/TRANSIT MOT PLAN).
 - O. INSTALL ELECTRICAL HANDHOLE.
 - P. TEMPORARY EDGE LINE (SEE PEDESTRIAN/TRANSIT MOT PLAN).
 - R. REMOVE TEMPORARY WIRING AND CONDUIT.
 - S. REMOVE EXISTING HANDHOLE; CAP ABANDON CONDUIT.
 - T. USE EXISTING HANDHOLE; PULL BACK EXISTING PEDESTRIAN SIGNAL HEADS AND PUSHBUTTON WIRING FROM THE EXISTING PEDESTAL POLE TO THIS HANDHOLE AND REROUTE WIRING THROUGH THE PROPOSED CONDUIT TO THE PEDESTAL POLE NEW LOCATION (SEE CONSTRUCTION DETAIL "U").
 - U. REMOVE EXISTING PEDESTAL POLE AND FOUNDATION 12" BELOW GRADE. RELOCATE EXISTING COUNTDOWN PEDESTRIAN SIGNAL HEAD. INSTALL 10' PEDESTAL POLE AT PROPOSED LOCATION ON THE SAME CORNER WITH EXISTING COUNTDOWN PEDESTRIAN SIGNAL HEAD, NEW AUDIBLE PUSHBUTTON STATION AND SIGN AND CONNECT EXISTING REROUTED WIRING.
 - V. REMOVE EXISTING PEDESTAL POLE AND FOUNDATION 12" BELOW GRADE. RELOCATE EXISTING COUNTDOWN PEDESTRIAN SIGNAL HEAD TO NEW LOCATION ON THE ADJACENT CORNER OF JONES BRIDGE ROAD AND KENSINGTON PARKWAY (SEE CONSTRUCTION DETAIL "W").



- GENERAL NOTES**
1. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
 2. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, AND THE HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS TO MEET CLEARANCES AS SPECIFIED IN MD STD. 816.03, MD STD. 818.01, MD 818.02 AND MD STD. 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL PROPOSED SIGNAL EQUIPMENT.
 3. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
 4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E-09 AND FIG. 4E-2 AND THE NCHRP PUBLICATION "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED AND APPROVED BY THE DIRECTOR OF THE OFFICE OF TRAFFIC AND SAFETY.
 5. PROPOSED SIGNAL EQUIPMENT SHALL BE INSTALLED PRIOR TO THE CONSTRUCTION OF THE SIDEWALK AND PEDESTRIAN RAMPS, AND THE INSTALLATION OF DETECTABLE WARNING SURFACES.
 6. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING UNUSED CABLES FROM EXISTING HANDHOLES AND CONDUITS UTILIZED FOR REVISION 'C'.
 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND FOR PROPERLY LABELING EACH CABLE.
 8. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
 9. THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
 10. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
 11. FOR FINAL PAVEMENT MARKINGS, REFER TO THE PAVEMENT MARKING PLAN, OTHER THAN THOSE DETAILED ON THIS PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MD SHA STANDARDS.
 12. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.

- MOT PHASE 2B STAGE 3 NOTES**
1. PHASE 2B - STAGE 3 CONSTRUCTION WILL INVOLVE RECONSTRUCTION OF THE SIDEWALK, PEDESTRIAN RAMPS, AND CURB AND GUTTER ALONG KENSINGTON PARKWAY. RECONSTRUCTION OF SIDEWALK, PEDESTRIAN RAMP, AND CURB AND GUTTER ALONG NORTHBOUND AND SOUTHBOUND OF KENSINGTON PARKWAY.
 2. RELOCATION OF EXISTING PEDESTRIAN TRAFFIC EQUIPMENT FROM THE NORTHEAST QUADRANT OF THE INTERSECTION. INSTALL EXISTING POLE AND WITH NEW LED PEDESTRIAN SIGNAL HEADS, PUSHBUTTON, AND SIGNS ON THE SOUTHWEST QUADRANT.
 3. TRAFFIC SIGNALS MUST BE OPERATIONAL PER THESE PLANS PRIOR TO THE IMPLEMENTATION OF TRAFFIC CONTROL PLANS (TCP) FOR THE CONSTRUCTION WORK.
 4. PEDESTRIAN COUNTDOWN SIGNALS WILL BE INSTALLED IN PHASE 2B; THESE SIGNALS WILL NOT BE ACTIVATED UNTIL THE END OF CONSTRUCTION FOR THIS STAGE. MAINTENANCE OF PEDESTRIAN TRAFFIC WILL BE DETAILED IN THE TCP. INSTALLED PUSHBUTTONS SHALL NOT BE ACTIVATED UNTIL THE SIGNAL IS FULLY OPERATIONAL.

PHASE 2B - STAGE 3

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

REVISION 'C' 23299.62

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS
1. REMOVE EXISTING PEDESTRIAN RAMPS, CROSSING AND SIDEWALK, PEDESTRIAN RAMPS, AND CURB AND GUTTER ALONG KENSINGTON PARKWAY. RECONSTRUCTION OF SIDEWALK, PEDESTRIAN RAMP, AND CURB AND GUTTER ALONG NORTHBOUND AND SOUTHBOUND OF KENSINGTON PARKWAY.
2. RELOCATION OF EXISTING PEDESTRIAN TRAFFIC EQUIPMENT FROM THE NORTHEAST QUADRANT OF THE INTERSECTION. INSTALL EXISTING POLE AND WITH NEW LED PEDESTRIAN SIGNAL HEADS, PUSHBUTTON, AND SIGNS ON THE SOUTHWEST QUADRANT.
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SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
BRAC INTERSECTIONS IMPROVEMENTS
MD 185 (CONNECTICUT AVENUE) AT
JONES BRIDGE ROAD AND KENSINGTON PKWY.
BETHESDA, MD

MOT PHASE 2B (STAGE 3) - TRAFFIC SIGNAL PLAN			
SCALE: 1" = 20' ADVERTISED DATE: JUNE 1990 CONTRACT NO. BW-339-802-312			
DESIGNED BY: R.J. MILSTEAD	COUNTY: MONTGOMERY		
DRAWN BY: J.Y. ASHCRAFT	LOGMILE: 15018502.22		
CHECKED BY:	TMS NO.:		
F.A.P. NO. SEE TITLE SHEET	TOD NO.:		
TS NO. 2649C	DRAWING SG-09.2 OF 12	SHEET NO. 109 OF 123	