

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE RELOCATION OF THE EXISTING PEDESTRIAN AREA WARNING HIB ON EASTBOUND MD 193 (UNIVERSITY BLVD) FOR THE TACOMA/LANGLEY CROSSROADS TO A LOCATION PRIOR TO MD 320 (PINEY BRANCH RD) TO INCLUDE THAT AREA INTO THE EXISTING PEDESTRIAN WARNING AREA. A FLASHER HOUSED IN A TYPE "G" POLE MOUNTED CABINET SHALL BE INSTALLED AT THE NEW LOCATION. THE HIB WILL FLASH AT ALL TIMES. THE EXISTING WARNING SIGNS FOR BOTH EASTBOUND AND WESTBOUND MD 193 ARE TO BE MODIFIED TO READ "NEXT 3 MILES" INSTEAD OF "NEXT 2 MILES." MD 193 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

CONTACTS

DISTRICT OFFICE OF TRAFFIC AND SAFETY
MR. JEFF WENTZ (MONTGOMERY COUNTY) ASSISTANT DISTRICT ENGINEER - TRAFFIC 301-513-7318
MR. BRIAN YOUNG (PRINCE GEORGE'S COUNTY) ASSISTANT DISTRICT ENGINEER - TRAFFIC 301-513-7358
MR. AUGIE REBISH ASSISTANT DISTRICT ENGINEER - UTILITIES 301-513-7350
MR. KEVIN NOWAK & MR. DUANE BERNARD ASSISTANT DISTRICT ENGINEER - CONSTRUCTION 301-513-7336
MR. VERNON STINNETT ASSISTANT DISTRICT ENGINEER - MAINTENANCE 301-513-7304
MR. RICHARD DAFF SR. CHIEF, TRAFFIC OPERATIONS 410-787-7630
MR. ROBERT SNYDER ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS 410-787-7630
MR. ED RODENHIZER TEAM LEADER SIGNAL OPERATIONS 410-787-7650
MR. EUGENE BAILEY TEAM LEADER SIGN OPERATIONS 410-787-7670
MS. DARLENE EIDE SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE) 410-787-7668

MONTGOMERY COUNTY DOT

MR. KAMAL HAMUD (240-777-8761)
MR. KEITH LORD (301-279-1291)

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

Table with columns: ITEM NO., QUANTITY, DESCRIPTION. Includes items like 9012 (2 CIRCUIT FLASHER), 9037 (CABINET "G" TYPE POLE MOUNT), 9570 (SHEET ALUMINUM GROUND MOUNTED SIGN), 9571 (SHEET ALUMINUM MAST ARM / POLE MOUNTED SIGN).

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

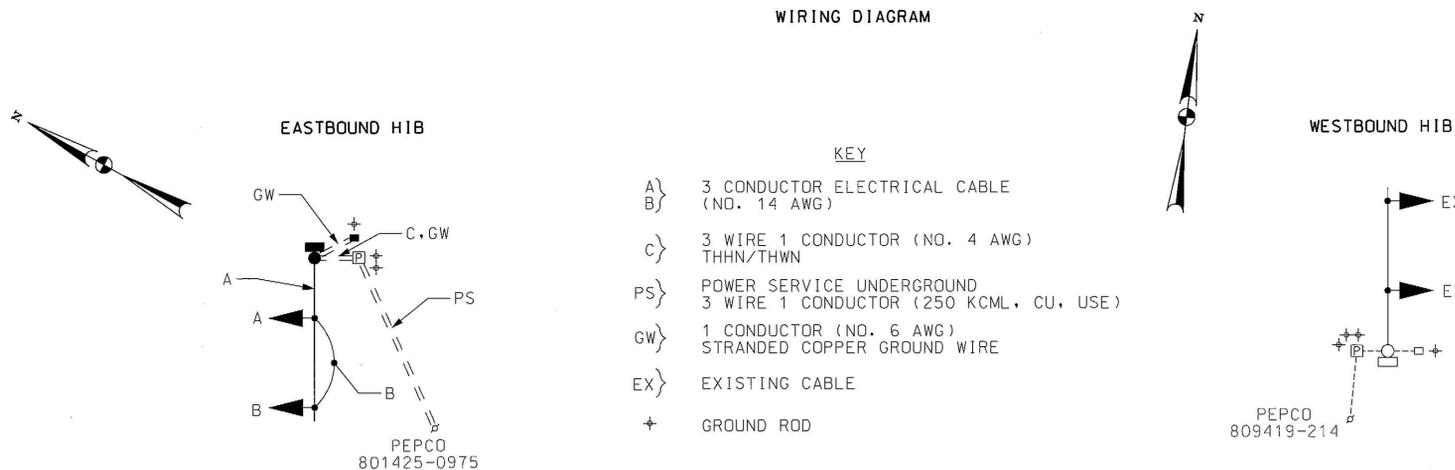
Table with columns: ITEM NO., QUANTITY, DESCRIPTION. Includes items like 1003 (MAINTENANCE OF TRAFFIC), 2002 (TEST PIT EXCAVATION), 6002 (5 INCH CONCRETE SIDEWALK), 8016 (MAST ARM POLE & 60 FT MAST ARM ANY 'T' DIMENSION), 8021 (REM & DISPOSE MAT & EQUIP PER ASSIGN), 8029 (CABLE - 1 CONDUCTOR, 250 KCML, CU, USE), 8032 (SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCHES - BORED), 8034 (SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCHES - TRENCHED), 8035 (WOOD SIGN SUPPORTS UP TO 4 X 6), 8036 (INSTALL OVERHEAD OR GROUND MOUNTED SIGN (INCLUDING ALL HARDWARE)), 8038 (NO. 6 AWG STRANDED BARE COPPER GROUND WIRE), 8041 (METERED SERVICE PEDESTAL EMBEDDED), 8043 (ELECTRICAL CABLE 1-CONDUCTOR NO. 4 AWG-THHN/THWN), 8045 (FURNISH AND INSTALL ELECTRICAL HANDHOLE), 8050 (12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION), 8052 (CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE), 8055 (ELECTRICAL CABLE - 3 CONDUCTOR (NO. 14 AWG)), 8064 (INSTALL CONTROLLER AND CABINET - POLE MOUNT).

C. IF THE CABINET IS TO BE REMOVED SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINET. THE CABINET AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

PHASE CHART

Phase chart table with columns 1, 2, 3, 4 and rows FLY 1, FLY 2. Values are Y or blank.

WIRING DIAGRAM



TOD NO: XX445-16
SHA NO: AX389A51/B51
MD 193 SEPTEMBER LA. TO WEST PARK DR.

LOGMILE NOTE: 15019305.91 / 15019306.51 / 16019301.56

STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION
MD 193 (UNIVERSITY BLVD) W/B WEST OF WEST PARK DRIVE TS # 4331
MD 193 (UNIVERSITY BLVD) E/B WEST OF MD 195 (CARROLL AVE) TS # 4773
SIGNALIZATION PLAN SHEET
SCALE 1" = 20' DATE JULY 1, 2009 CONTRACT NO. XX4455195
DESIGNED BY M. FUKUI COUNTY MONTGOMERY PRINCE GEORGE'S
DRAWN BY M. FUKUI LOGMILE 15019306.58 - 16019301.57
CHECKED BY TIMS NO. J522
F.A.P. NO. TOD NO.
TS NO. 4331A 4773A DRAWING - OF SHEET NO. 3 OF 3