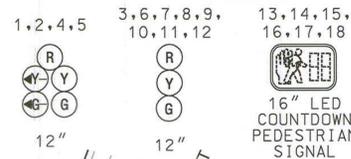


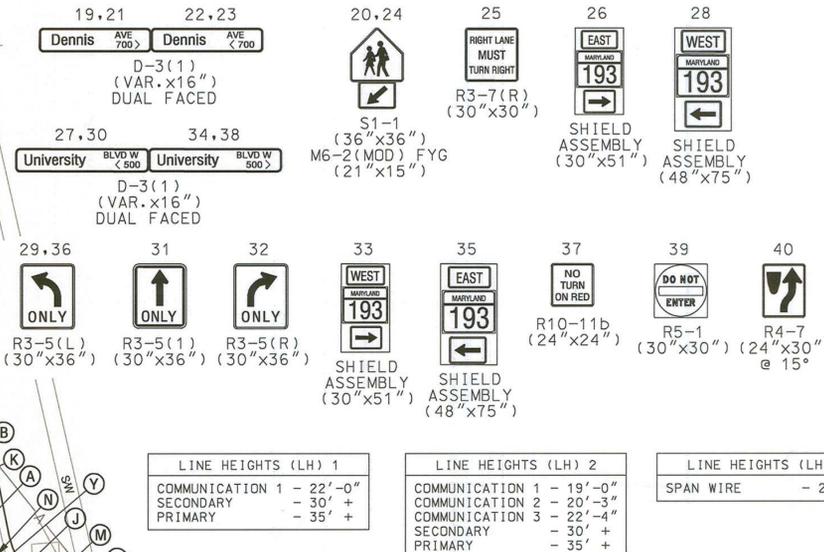
PROPOSED LED SIGNALS



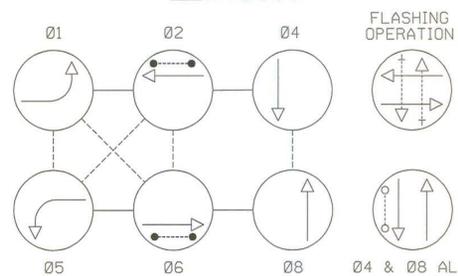
PROPOSED VIDEO DETECTION

a, b, c, d

PROPOSED SIGNS



NEMA PHASING

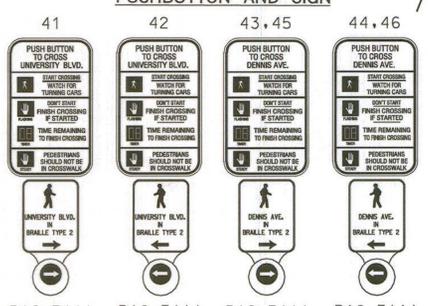


NOTE: PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

EXISTING SIGNS TO BE REMOVED



PROPOSED ACCESSIBLE PUSHBUTTON AND SIGN



R10-3(1) R10-3(1) R10-3(1) R10-3(1) (9"x15") (9"x15") (9"x15") (9"x15")

CONSTRUCTION DETAILS

- A. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT... B. INSTALL A 21 FT. STEEL POLE WITH A 15 FT. "T" DIMENSION... C. INSTALL A 21 FT. STEEL POLE WITH A 15 FT. "T" DIMENSION... D. INSTALL A 21 FT. STEEL POLE WITH A 15 FT. "T" DIMENSION... E. INSTALL A 21 FT. STEEL POLE WITH A 15 FT. "T" DIMENSION... F. INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION... G. INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION... H. INSTALL GROUND MOUNTED SIGN ON ONE 4 IN. x 4 IN. WOOD POST... I. INSTALL EMBEDDED METERED SERVICE PEDESTAL... J. INSTALL ELECTRICAL HANDHOLE... K. INSTALL INTERCONNECT SPLICE CABINET... L. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT... M. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT... N. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT... O. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT... P. INSTALL 2-4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUITS... Q. INSTALL 12 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS... R. INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS... S. INSTALL GROUND MOUNTED SIGN ON TWO 4 IN. x 4 IN. WOOD POSTS... T. INSTALL GROUND MOUNTED SIGN ON TWO 4 IN. x 4 IN. WOOD POSTS... U. ABANDON EXISTING LOOP DETECTOR... V. REMOVE EXISTING GROUND MOUNTED SIGN... W. REMOVE AND DISPOSE OF EXISTING TRAFFIC SIGNAL EQUIPMENT... X. REMOVE EXISTING ELECTRICAL HANDHOLE... Y. PULL-BACK EXISTING OVERHEAD INTERCONNECT CABLE... Z. INSTALL 3 IN. PVC ELECTRICAL CONDUIT RISER ON EXISTING UTILITY POLE...

REVISION NO. 1 OCTOBER 2011 APPROVAL

- 14. THE 10 FT. MINIMUM SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON... 15. PUSHBUTTON ARROWS SHOULD BE TURNED PARALLEL TO THE CROSSWALK... 16. ALL ACCESSIBLE PEDESTRIAN CONTROL EQUIPMENT SHALL BE DELIVERED TO THE MONTGOMERY COUNTY SIGNAL SHOP... 17. THE CONTRACTOR SHALL REMOVE AND REPLACE CONCRETE SIDEWALK... 18. THE CONTRACTOR SHALL ENSURE THE EXISTING TRAFFIC SIGNAL REMAINS OPERATIONAL... 19. THE CONTRACTOR SHALL NOTIFY MR. MICHAEL KINNEY... 20. THE CONTRACTOR SHALL REFER TO FIGURE 38-17a OF THE 2006 MARYLAND M.U.T.C.D. FOR CROSSWALK PAVEMENT MARKING DETAIL... 21. THE CONTRACTOR SHALL INSTALL THE PROPOSED CROSSWALKS AND STOP LINES... 22. THE CONTRACTOR SHALL INFORM MR. KEITH LORD... 23. THE CONTRACTOR SHALL REMOVE THE SELF SUPPORTING CABLE FROM THE UNDERGROUND PORTION OF THE INTERCONNECT CABLE.

SHM STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION MD 193 (UNIVERSITY BOULEVARD) AT DENNIS AVENUE

STV Incorporated 7125 Ambassador Road, Suite 200 Baltimore, MD 21244 www.stvinc.com

UTILITY LEGEND table with columns for symbols and descriptions: E-E-ELECTRIC CABLES, A-A-AERIAL CABLES, T-T-TELEPHONE CABLES, F-F-FIBER-OPTIC, SD-SD-STORM DRAIN, G-G-GAS MAIN, W-W-WATER MAIN, S-S-SEWER MAIN

AA. INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE (CUT TO 5 FT.) WITH FOUNDATION (SHA STD. MD 801-01.01), BREAKAWAY COUPLINGS, ACCESSIBLE PUSHBUTTON AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS UNIVERSITY BLVD." (NOTE: 1-3 IN. 90 DEGREE PVC BEND)

APPROVALS table with fields for TEAM LEADER, ASST. DIR. CIV. ENG., DIVISION CHIEF, OFFICE DIRECTOR

REVISIONS table with columns for description, date, and initials

SIGNALIZATION PLAN SHEET table with fields for SCALE, ADVERTISED DATE, CONTRACT NO., DESIGNED BY, DRAWN BY, CHECKED BY, F.A.P. NO., TS NO., DRAWING, OF, SHEET NO.