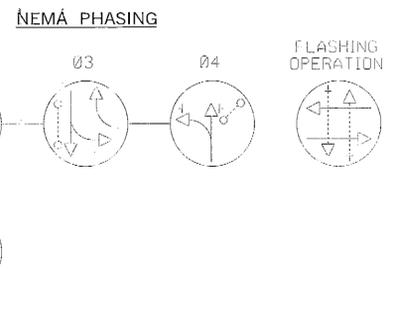
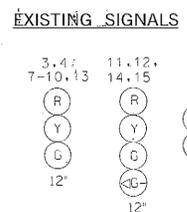
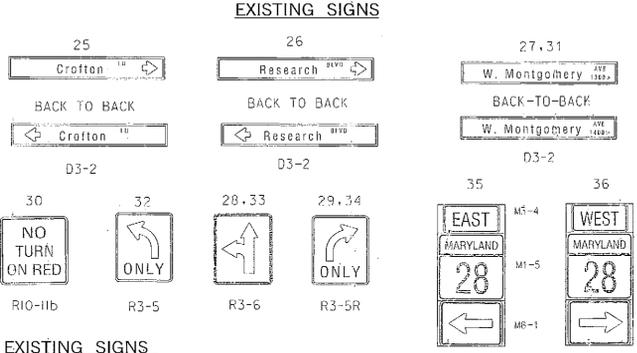


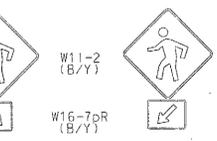
MD 28 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION



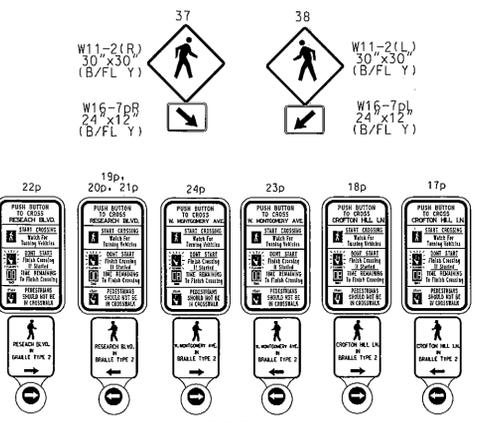
EXISTING SIGNS TO BE REMOVED



EXISTING SIGNS TO BE REMOVED FROM SIGN SUPPORT



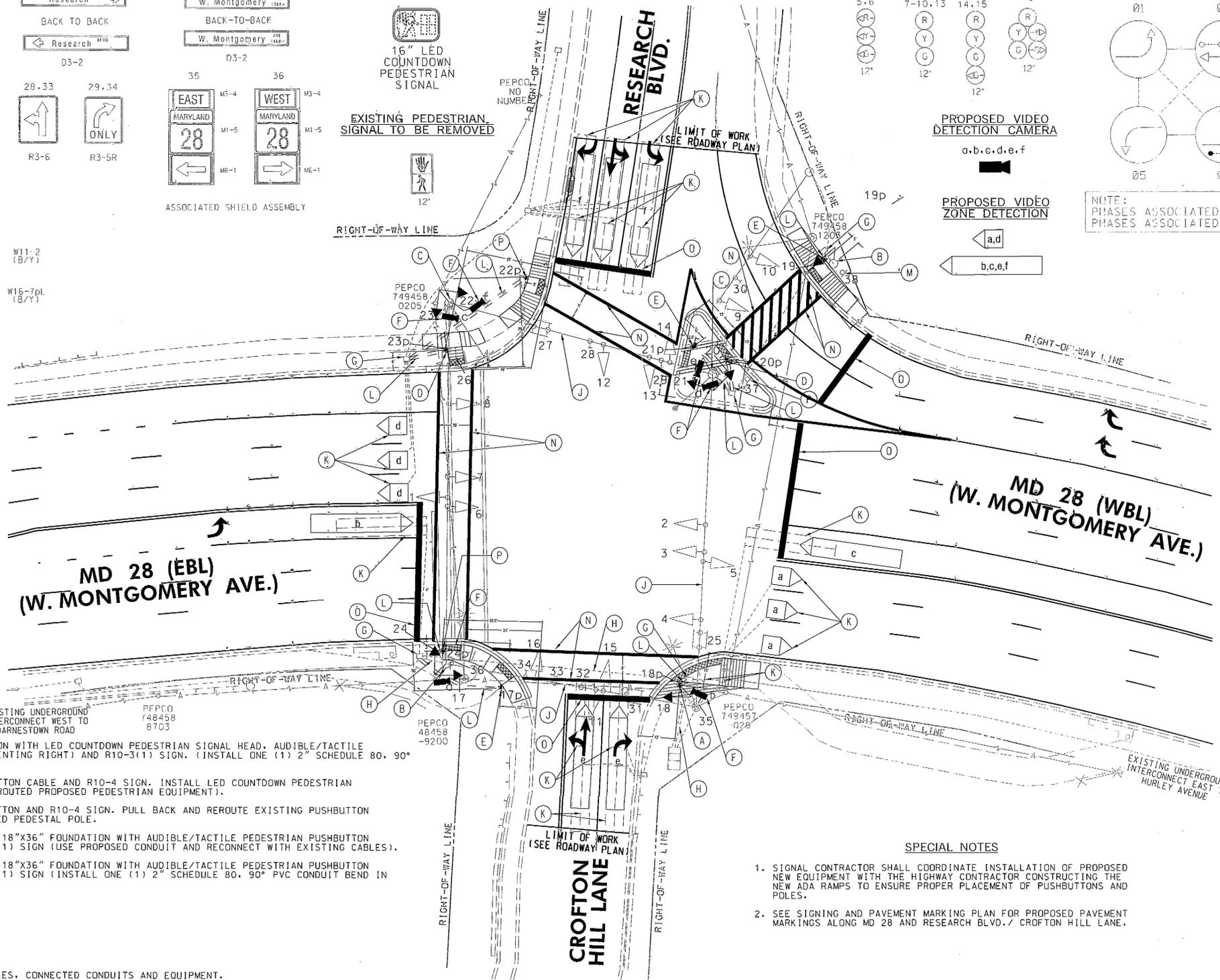
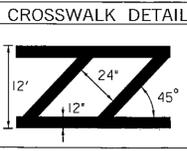
PROPOSED SIGNS



PUSHBUTTON SIGN NUMBERS INDICATE THE ASSOCIATED PEDESTRIAN SIGNAL HEAD NUMBERS.

CONSTRUCTION DETAILS

- A. INSTALL 10' PEDESTAL POLE AND 18"x36" FOUNDATION WITH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD...
B. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, PUSHBUTTON CABLE AND R10-4 SIGN...
C. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND R10-4 SIGN...
D. INSTALL 10' (CUT DOWN TO 5') PEDESTAL POLE AND 18"x36" FOUNDATION WITH AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON...
E. INSTALL 10' (CUT DOWN TO 5') PEDESTAL POLE AND 18"x36" FOUNDATION WITH AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON...
F. INSTALL VIDEO DETECTION CAMERA.
G. USE EXISTING HANDHOLE.
H. USE EXISTING CONDUIT.
J. USE EXISTING SPAN WIRE.
K. ABANDON EXISTING LOOP DETECTORS, UNUSED HANDHOLES, CONNECTED CONDUITS AND EQUIPMENT.
L. INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
M. REMOVE EXISTING SIGNS FROM WOOD SUPPORT. INSTALL PROPOSED SIGNS.
N. INSTALL 12" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES FOR CROSSWALK AFTER ROADWAY RESURFACING.
O. INSTALL 24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES FOR CROSSWALK AFTER ROADWAY RESURFACING.
P. INSTALL 10' (CUT DOWN TO 5') PEDESTAL POLE AND 18"x36" FOUNDATION WITH AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON...



SPECIAL NOTES

- 1. SIGNAL CONTRACTOR SHALL COORDINATE INSTALLATION OF PROPOSED NEW EQUIPMENT WITH THE HIGHWAY CONTRACTOR CONSTRUCTING THE NEW ADA RAMPS TO ENSURE PROPER PLACEMENT OF PUSHBUTTONS AND POLES.
2. SEE SIGNING AND PAVEMENT MARKING PLAN FOR PROPOSED PAVEMENT MARKINGS ALONG MD 28 AND RESEARCH BLVD./ CROFTON HILL LANE.

GENERAL NOTES

- 1. VIDEO CAMERA LOCATION/ALIGNMENT SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
4. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING UNUSED CABLES FROM EXISTING HANDHOLES AND CONDUITS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINAL AND FOR PROPERLY LABELING EACH CABLE.
6. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITY LOCATIONS. IF ANY CONFLICTS ARISE BETWEEN THE UTILITIES AND THE PROPOSED SIGNAL EQUIPMENT, THE CONTRACTOR SHALL STOP WORK AND CONTACT THE PROJECT ENGINEER.
7. 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 816.03, MD 818.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
8. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSINGS FOR WHICH THEY ARE INTENDED. THE 10' SEPARATION BETWEEN PUSHBUTTONS IS MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLES.
9. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18 INCHES FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
10. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF WMUTCD SECTION 4E.09 TO 4E.13 AND FIGURE 4E-3 AND 4E-4, AND THE NCHRP PUBLICATION "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR SHALL STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR OF THE OFFICE OF TRAFFIC AND SAFETY.
11. SEE RAMP RECONSTRUCTION DETAIL SHEET DE-10 FOR ISLAND CUT THROUGH INSTALLATION.
12. SEE ROADWAY PLAN PS-16 FOR ADA RAMP INSTALLATION.



STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION MD 28 (W. MONTGOMERY AVE.) AND RESEARCH BLVD./CROFTON HILL LN. ROCKVILLE, MARYLAND

TRAFFIC SIGNAL PLAN

Form containing project information: SCALE 1" = 20', ADVERTISED DATE, CONTRACT NO., DESIGNED BY S. FOSTER, COUNTY MONTGOMERY, DRAWN BY W.F. FITCH, LOGMILE 15002820.34, CHECKED BY W.F. FITCH, TIMS NO. F08-3, F.A.P. NO. SEE TITLE SHEET, TOD NO., TS NO. 545J, DRAWING SG-01 OF 02, SHEET NO. 1 OF 2.

Table with columns for APPROVALS and REVISIONS. Includes a signature line for the TEAM LEADER and a list of revisions with dates and descriptions.

ADDENDUM NO. 2 DATE: 04 - - 13

