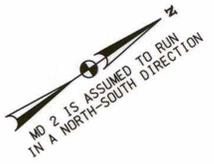


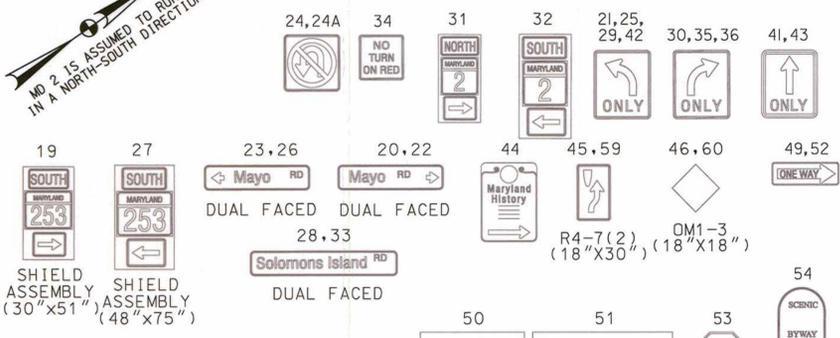
BORDER REV. DATE: 12/20/08



BY: Aaron Hottenstein Division: P068 Highway Traff GMA Emp



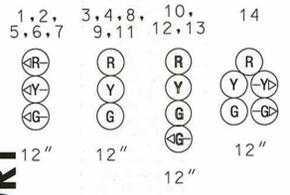
EXISTING SIGNS



EXISTING DETECTION EQUIPMENT



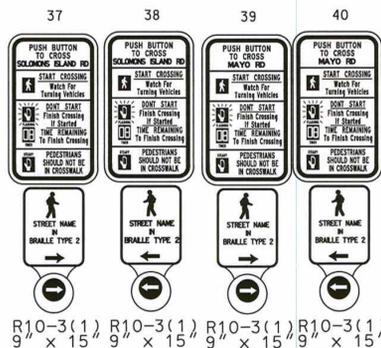
EXISTING SIGNALS



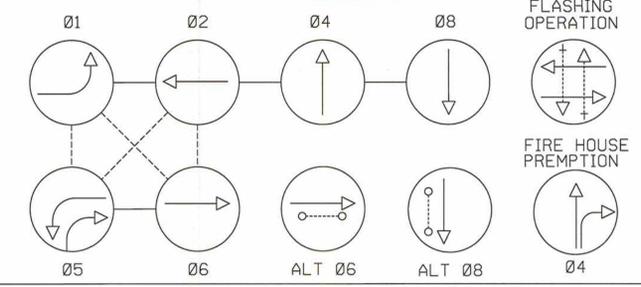
EXISTING SIGNALS TO BE REMOVED



PROPOSED SIGNS



NEMA PHASING



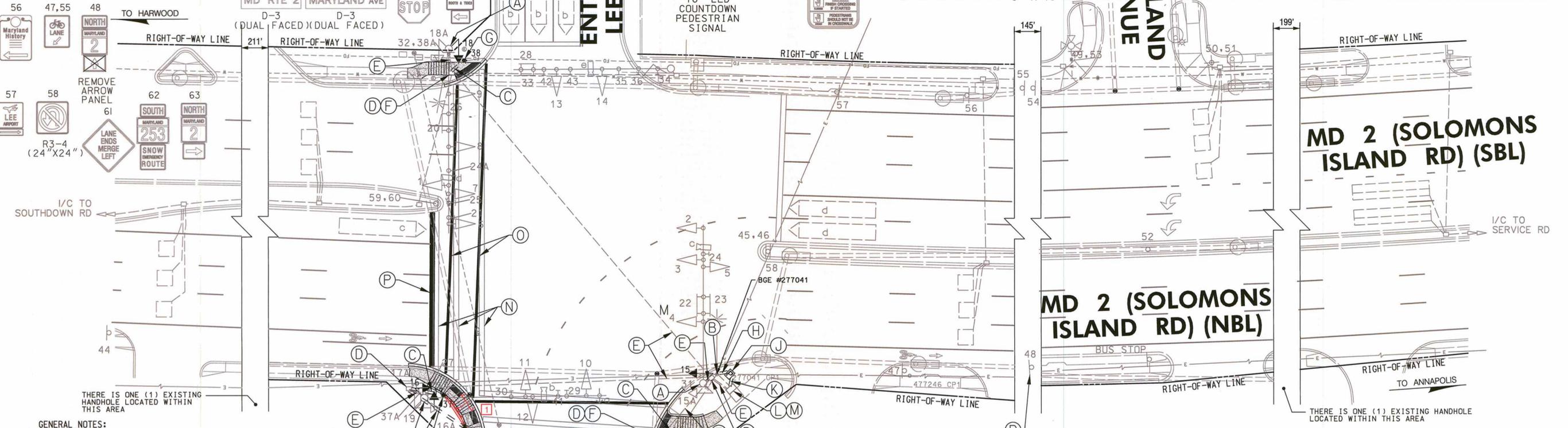
NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

ENTRANCE TO LEE AIRPORT

MARYLAND AVENUE

MD 2 (SOLOMONS ISLAND RD) (NBL)

MD 2 (SOLOMONS ISLAND RD) (SBL)



GENERAL NOTES:

- 1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL PROJECT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED FROM TRAFFIC SIGNAL CONDUITS.
5. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS CONTACT THE PROJECT ENGINEER.
6. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04.
7. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
8. CONTRACTOR TO REMOVE EXISTING LANDSCAPE AS NECESSARY TO INSTALL TRAFFIC SIGNAL EQUIPMENT.
9. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
10. RIGHT-OF-WAY INFORMATION AS SHOWN ON SIGNAL PLAN OF RECORD.

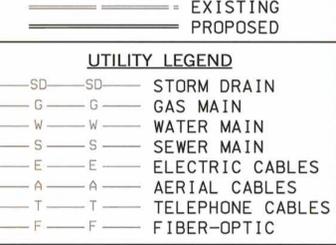
CONSTRUCTION DETAILS

- A) REMOVE EXISTING PEDESTRIAN SIGNAL HEAD(S), PUSHBUTTON, AND SIGN FROM SIGNAL POLE AND INSTALL NEW SIGNAL HEADS.
B) STUB OUT CONDUIT 1 FOOT ABOVE GROUND AT BASE OF POLE AND FURNISH PVC RISER FOR BGE USE.
C) INSTALL 3 INCH RIGID PVC CONDUIT - TRENCHED.
D) USE EXISTING HANDHOLE.
E) USE EXISTING CONDUIT.
F) ADJUST EXISTING HANDHOLE.
G) INSTALL AN 18" BY 36" CONCRETE FOUNDATION WITH A 10 FOOT PEDESTAL POLE CUT TO 5 FEET WITH APS PUSHBUTTON AND SIGN (1- 3" CONDUIT BEND) (STANDARD NO. 801.01-01).
H) INSTALL 4 INCH RIGID PVC CONDUIT - TRENCHED.
I) INSTALL EMBEDDED METER SERVICE PEDESTAL.
J) INSTALL 2 INCH RIGID PVC CONDUIT - TRENCHED.
K) USE EXISTING CONTROLLER.
L) REMOVE EXISTING METER AND DISCONNECT SWITCH. CAP AND ABANDON EXISTING CONDUIT. COORDINATE WITH BGE.
M) REMOVE EXISTING PAVEMENT MARKING LINES.
N) INSTALL 12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.
O) INSTALL 24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.
P) REMOVE ARROW PANEL.

APS PUSHBUTTON NOTES:

- 1. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60"x60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG 4E.2 AND NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNAL: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
4. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
5. SIGNAL POLES WITH PUSHBUTTONS MAY HAVE THE FOUNDATION INSTALLED AS PART OF THE CURB OR SIDEWALK AS DIRECTED BY THE ENGINEER.

GEOMETRIC LEGEND



KCI TECHNOLOGIES logo and address: 936 RIDGEBROOK ROAD, SHARPS, MARYLAND 21152. Telephone: (410) 316-7800. Fax: (410) 316-7818.

1 REDLINE NO. 1. Includes a signature and date stamp: 6-13-13.

APPROVALS table with columns for TEAM LEADER, ASST. DIR. CHIEF, DIVISION CHIEF, and OFFICE DIRECTOR. Includes a 'ORIGINAL ON FILE' stamp.

REVISIONS table with columns for description, date, and drawing number. Includes revisions for 'UPGRADE WITH APS, CPS AND ADA RAMP' and 'ADDED VIDEO DETECTION ADJUSTED SIDE STREET LANE USE'.

STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION. OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION. MD 2 (SOLOMONS ISLAND ROAD) AT MD 253 (MAYO ROAD)/LEE AIRPORT ENTRANCE EDGEWATER, MARYLAND.

TRAFFIC SIGNAL PLAN table. Includes SCALE 1" = 20', ADVERTISED DATE OCTOBER 1999, CONTRACT NO. AA5305170R, DESIGNED BY M.A. MEARS, COUNTY ANNE ARUNDEL, DRAWN BY M.A. MEARS, LOGMILE 02000217.21, CHECKED BY D. PETERS, TIMS NO., F.A.P. NO., TOD NO., TS NO. 694-L, DRAWING SG-1 OF 3, SHEET NO. 7 OF 21.

PLOTTED: 10:53 AM on Thursday, May 30, 2013. FILE: M:\2009\01060619.81\drawing\PSG-P003_MD2.dgn