

BORDER REV. DATE: Mch 11 27 08 07

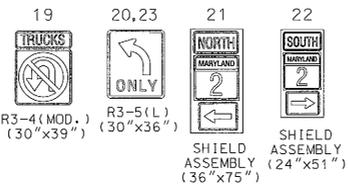
DRILL HOLES

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BY: Aaron Hottenstein Division: P068 Highway Traffic/GMA Emp

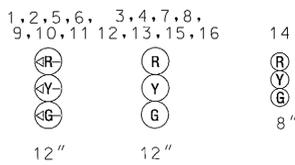
EXISTING SIGNS



EXISTING DETECTION EQUIPMENT



EXISTING SIGNALS



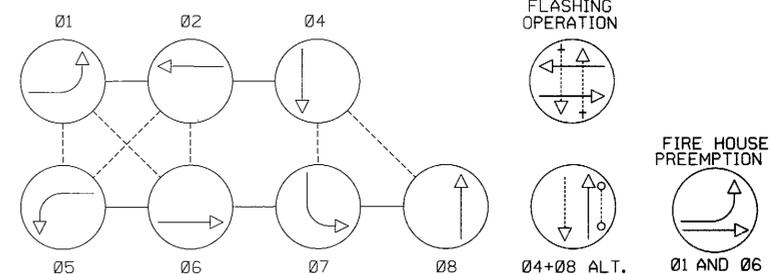
EXISTING SIGNALS TO BE REMOVED



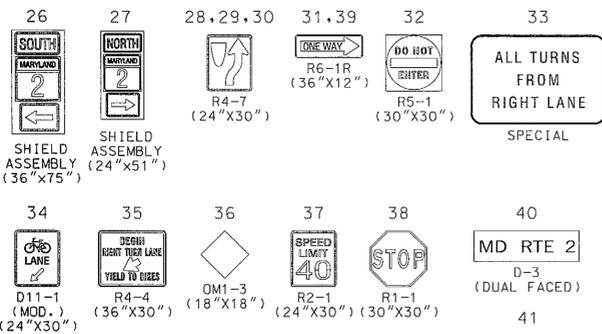
APS PUSHBUTTON NOTES:

- 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.

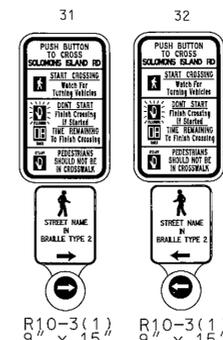
NEMA PHASING



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



PROPOSED SIGNS



PROPOSED SIGNALS

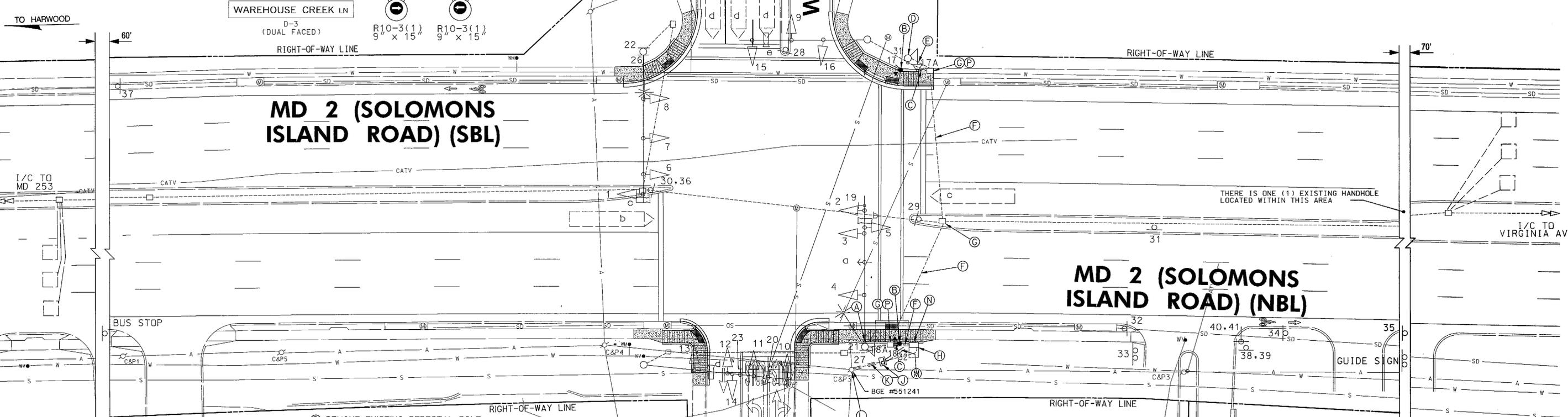


WAREHOUSE CREEK LN

CVS ENTRANCE

MD 2 (SOLOMONS ISLAND ROAD) (SBL)

MD 2 (SOLOMONS ISLAND ROAD) (NBL)



CONSTRUCTION DETAILS

- A REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, PUSHBUTTON, AND SIGN FROM SIGNAL POLE.
B INSTALL AN 18" BY 36" CONCRETE FOUNDATION WITH A 10 FOOT PEDESTAL POLE WITH PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON, AND SIGN (1- 3" CONDUIT BEND) (STANDARD NO. 801.01-01).
C INSTALL 3 INCH RIGID PVC CONDUIT - TRENCHED.

- D REMOVE EXISTING PEDESTAL POLE.
E CAP AND ABANDON EXISTING CONDUIT.
F USE EXISTING CONDUIT.
G USE EXISTING HANDHOLE.
H USE EXISTING CONTROLLER.
I INSTALL EMBEDDED METER SERVICE PEDESTAL.
K INSTALL 4 INCH RIGID PVC CONDUIT - TRENCHED.
L STUB OUT CONDUIT 1 FOOT ABOVE GROUND AT BASE OF POLE AND FURNISH PVC RISER FOR BGE USE.
M INSTALL 2 INCH RIGID PVC CONDUIT - TRENCHED.
N REMOVE EXISTING METER AND DISCONNECT SWITCH. CAP AND ABANDON EXISTING CONDUIT. COORDINATE WITH BGE.
P ADJUST HANDHOLE TO GRADE.

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
2. REMOVE ALL POLE FOUNDATIONS 12 INCHES BELOW GRADE.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL PROJECT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
5. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED FROM TRAFFIC SIGNAL CONDUITS.
6. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS CONTACT THE PROJECT ENGINEER.
7. 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.
8. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
9. CONTRACTOR TO REMOVE EXISTING LANDSCAPE AS NECESSARY TO INSTALL TRAFFIC SIGNAL EQUIPMENT.
10. RIGHT-OF-WAY INFORMATION AS SHOWN ON SIGNAL PLAN OF RECORD.

KCI TECHNOLOGIES logo and contact information: 936 RIDGEBROOK ROAD, SPARKS, MARYLAND 21152, TELEPHONE: (410) 316-7800, FAX: (410) 316-7818

TOD NO: XY139-04, SHA NO: AA189854, MD 2, MD 214A, MD 253 Various Locations

GEOMETRIC LEGEND and UTILITY LEGEND tables defining line styles for existing/proposed and various utility types like storm drain, gas main, water main, sewer main, electric cables, aerial cables, telephone cables, and fiber-optic.

APPROVALS and REVISIONS table with fields for TEAM LEADER, ASSISTANT CHIEF, DESIGNER, and LIT/DATE.

TRAFFIC SIGNAL PLAN title block including project name, scale, date, and contract information.

STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION logo and project details: MD 2 (SOLOMONS ISLAND ROAD) AT WAREHOUSE CREEK LANE (SERVICE ROAD)/CVS ENTRANCE, EDGEMONT, MARYLAND.