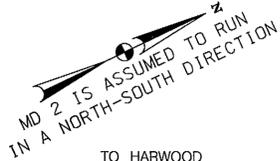


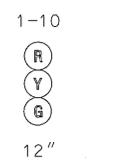
DRILL HOLES

DRILL HOLES

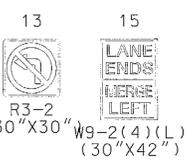
BY: Joost Van Boekhold Division: P068 Highway Traffic/GMA Emp



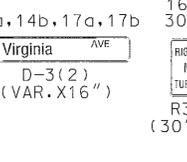
EXISTING SIGNALS



EXISTING SIGNALS



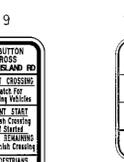
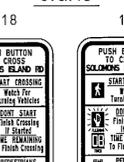
EXISTING SIGNALS



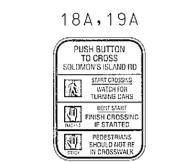
PROPOSED SIGNALS



PROPOSED SIGNALS



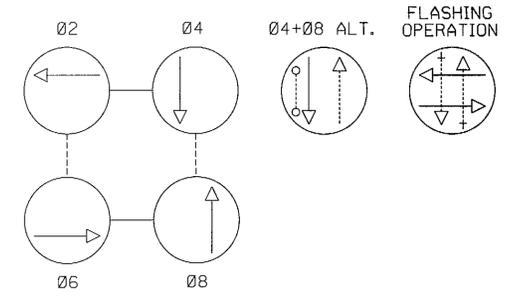
EXISTING SIGNALS TO BE REMOVED



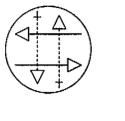
EXISTING SIGNALS TO BE REMOVED



NEMA PHASING



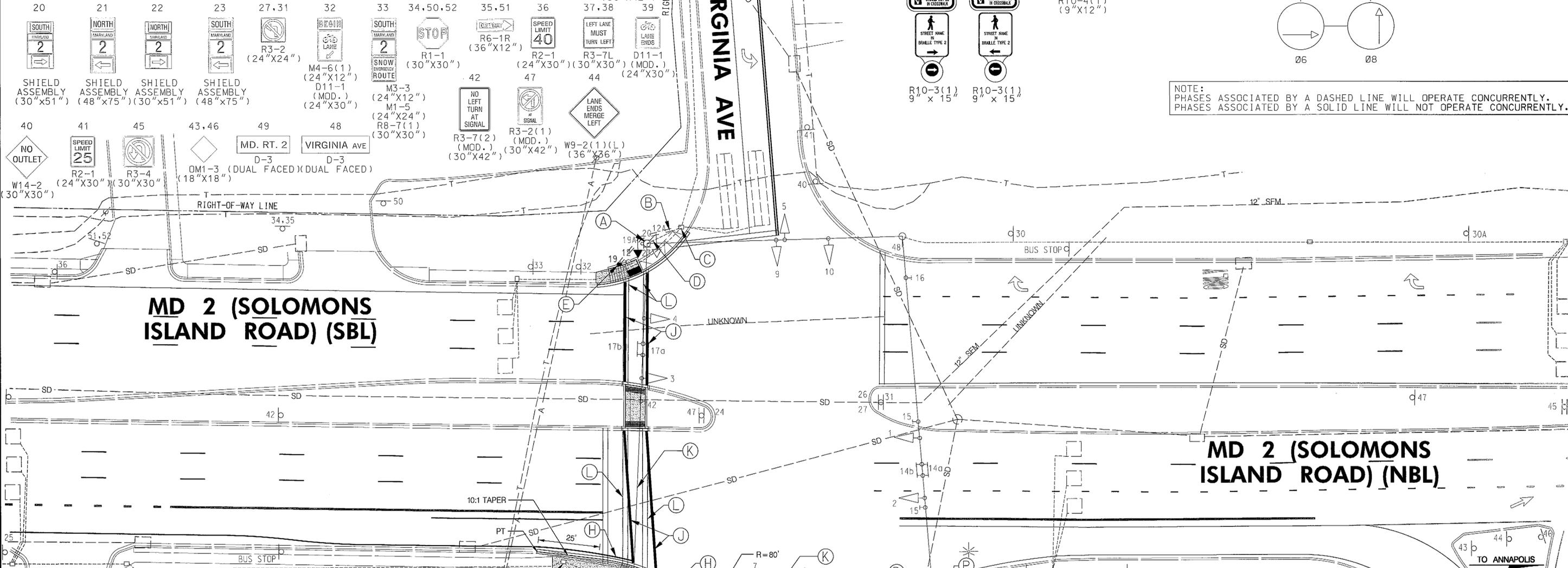
FLASHING OPERATION



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

MD 2 (SOLOMONS ISLAND ROAD) (SBL)

MD 2 (SOLOMONS ISLAND ROAD) (NBL)



- (A) REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN FROM SIGNAL POLE, AND INSTALL NEW PEDESTRIAN SIGNAL HEAD.
- (B) INSTALL 3 INCH RIGID PVC CONDUIT - TRENCHED.
- (C) USE EXISTING HANDHOLE.
- (D) USE EXISTING CONDUIT.
- (E) INSTALL AN 18" BY 36" CONCRETE FOUNDATION WITH A 10 FOOT PEDESTAL POLE CUT TO 5 FOOT WITH APS PUSHBUTTON AND SIGN (1- 3' CONDUIT BEND) (STANDARD NO. 801.01-01).
- (F) INSTALL AN APS PUSHBUTTON AND SIGN ON EXISTING SIGNAL POLE.
- (G) USE EXISTING CONTROLLER.
- (H) INSTALL 5 INCH HEAT APPLIED WHITE PERMANENT PAVEMENT MARKINGS
- (I) INSTALL 12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.
- (K) USE EXISTING SPANWIRE.
- (L) REMOVE EXISTING PAVEMENT MARKING.
- (M) INSTALL EMBEDDED METER SERVICE PEDESTAL.
- (N) INSTALL 4 INCH RIGID PVC CONDUIT-TRENCHED.
- (P) INSTALL 2 INCH RIGID PVC CONDUIT-TRENCHED.

- (B) REMOVE EXISTING METER AND DISCONNECT SWITCH. CAP AND ABANDON EXISTING CONDUIT. COORDINATE WITH BGE.
- (S) ADJUST EXISTING HANDHOLE.
- (T) STUB OUT CONDUIT 1 FOOT ABOVE GROUND AT BASE OF POLE AND FURNISH PVC RISER FOR BGE USE.

- GENERAL NOTES:
- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
  - ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL PROJECT.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
  - ALL UNUSED SIGNAL CABLES SHALL BE REMOVED FROM TRAFFIC SIGNAL CONDUITS.
  - THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS CONTACT THE PROJECT ENGINEER.
  - 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.
  - THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

- APS PUSHBUTTON NOTES:
- 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%.
  - THE 10" SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
  - 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.
  - PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
  - SIGNAL POLES WITH PUSHBUTTONS MAY HAVE THE FOUNDATION INSTALLED AS PART OF THE CURB OR SIDEWALK AS DIRECTED BY THE ENGINEER.

TOD NO: XY139-04  
SHA NO: AA189B54  
MD 2, MD 214A, MD 253 Various Locations



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 2 (SOLOMONS ISLAND ROAD) AT  
VIRGINIA AVENUE  
EDGEWATER, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE: 1" = 20'	ADVERTISED DATE: NOVEMBER 1981	CONTRACT NO. AA530A21
DESIGNED BY: H. KILIAN	COUNTY: ANNE ARUNDEL	
DRAWN BY: H. KILIAN	LOGMILE: 02000217.68	
CHECKED BY:	TMS NO.:	
F.A.P. NO.:	TOD NO.:	
TS NO. 1835-D	DRAWING SG-1	OF 3 SHEET NO. 13 OF 21

APPROVALS	REVISIONS
TEAM LEADER	01-2013
ASST. DIV. CHIEF	01-2013
DIVISION CHIEF	01-2013
OFFICE DIRECTOR	01-2013

- GENERAL NOTES (CONT'D):
- CONTRACTOR TO REMOVE EXISTING LANDSCAPE AS NECESSARY TO INSTALL TRAFFIC SIGNAL EQUIPMENT.
  - ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
  - RIGHT-OF-WAY INFORMATION AS SHOWN ON SIGNAL PLAN OF RECORD.

