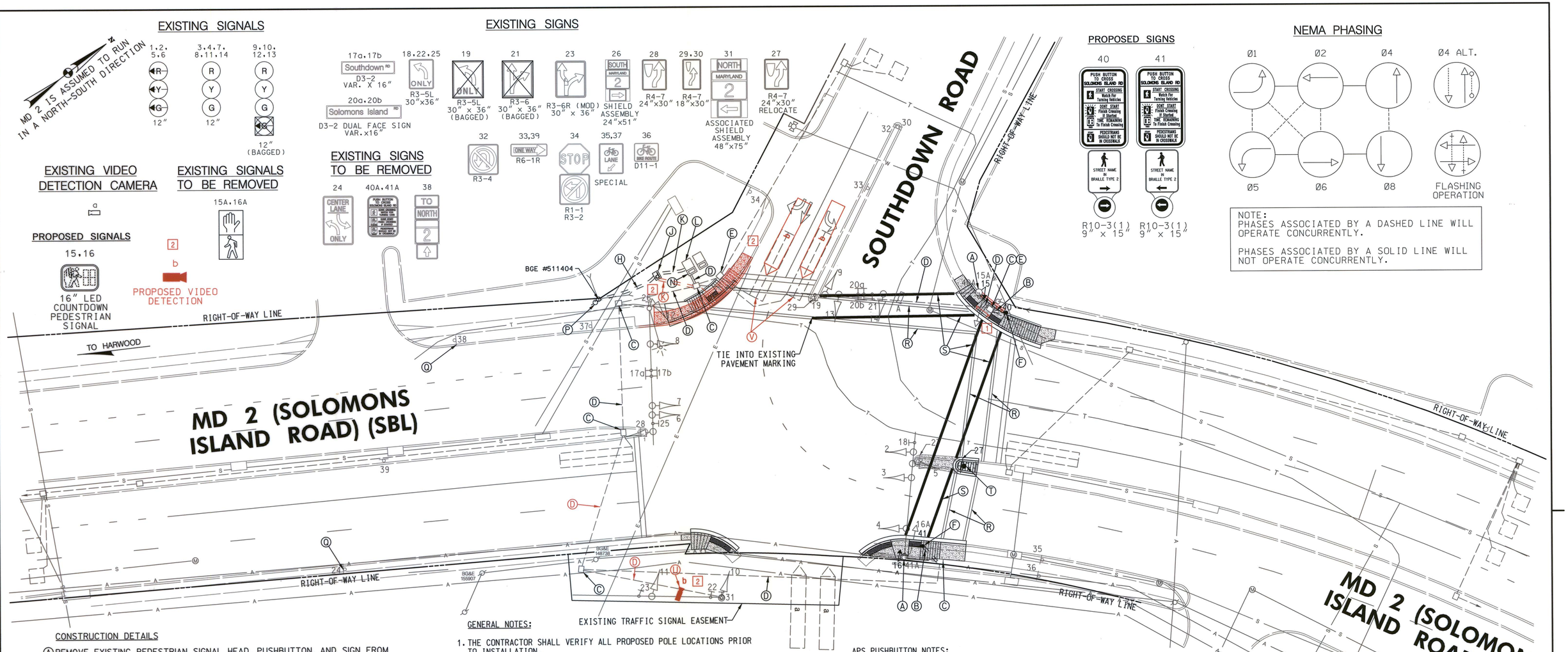

CONSTRUCTION DETAILS

- (A) REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, PUSHBUTTON, AND SIGN FROM SIGNAL POLE AND INSTALL A NEW SIGNAL HEAD.
- (B) INSTALL 3 INCH RIGID PVC CONDUIT - TRENCHED.
- (C) USE EXISTING HANDHOLE.
- (D) USE EXISTING CONDUIT.
- (E) ADJUST EXISTING HANDHOLE.
- (F) 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.
- (J) INSTALL EMBEDDED METER SERVICE PEDESTAL.
- (K) INSTALL 2 INCH RIGID PVC CONDUIT - TRENCHED.
- (L) USE EXISTING CONTROLLER.
- (N) REMOVE EXISTING METER AND DISCONNECT SWITCH. CAP AND ABANDON EXISTING CONDUIT. COORDINATE WITH BGE.
- (P) STUB OUT CONDUIT 1 FOOT ABOVE GROUND AT BASE OF POLE AND FURNISH PVC RISER FOR BGE USE.
- (Q) REMOVE EXISTING GROUND MOUNTED SIGN.
- (R) REMOVE EXISTING CROSSWALK MARKINGS.
- (S) INSTALL 12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.
- (T) RELOCATE EXISTING SIGN.

[2]
- (U) INSTALL VIDEO DETECTION CAMERA ON MAST ARM.
- (V) ABANDON EXISTING LOOP DETECTOR.

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 UTILITIY 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 AND EASEMENT AS SHOWN ON SIGNAL PLANS OF RECORD AND PLAT NOS. 55043 AND 55044.

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

EXISTING
PROPOSED

UTILITY LEGEND

SD	SD	STORM DRAIN
G	G	GAS MAIN
W	W	WATER MAIN
S	S	SEWER MAIN
E	E	ELECTRIC CABLES
A	A	AERIAL CABLES
T	T	TELEPHONE CABLES
F	F	FIBER-OPTIC

2 REDLINE NO. 2	1 REDLINE NO. 1
NAME: [signature] DATE: 8-12-13	NAME: DENNIS J. DODA DATE: 6-13-2013

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APPROVALS: TEAM LEADER; ASST. DIV. CHIEF; DIVISION CHIEF; OFFICE DIRECTOR — ORIGINAL ON FILE

REVISIONS

C	UPGRADE WITH APS. CPS AND ADA RAMPS				01-2013
	TIMS# L652	SHA. NO. XY1395185			
KCI/AMH	W.M.				D.J.D.
B	SPLIT THE SIDE STREET PHASING AND REPLACE EAST LEG DETECTION (NOT COMPLETE)SHA. NO. BW996M82				9-2007
TMZ	WS	DBD			
A	RECONSTRUCT SIGNAL DUE TO ROADWAY WIDENING PROJECT				9-1999
		SHA. NO. AA530A21			
DMP/SMKA					

PLOTTED: "08:42 AM on Tuesday, July 23, 2013"
FILE: M:\2009\01090619.81\drawings\pSG-P002_MD2.dgn

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 2 (SOLOMONS ISLAND ROAD) AT
AND SOUTHDOWN ROAD
EDGEWATER, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' ADVERTISED DATE OCTOBER 1999 CONTRACT NO. BW572-801-512

DESIGNED BY A. FORNARO
DRAWN BY A. FORNARO
CHECKED BY D. PETERS
F.A.P. NO.
COUNTY ANNE ARUNDEL
LOGMILE 02000216.89
TIMS NO.
TOD NO.

TS NO. 1817-C | DRAWING SG-1 OF 3 | SHEET NO. 4 OF 21

BY: Aaron Hottenstein Division: P068 Highway Traff GMA Emp
BORDER REV: DATE: Mcmch127208007
DRILL HOLES