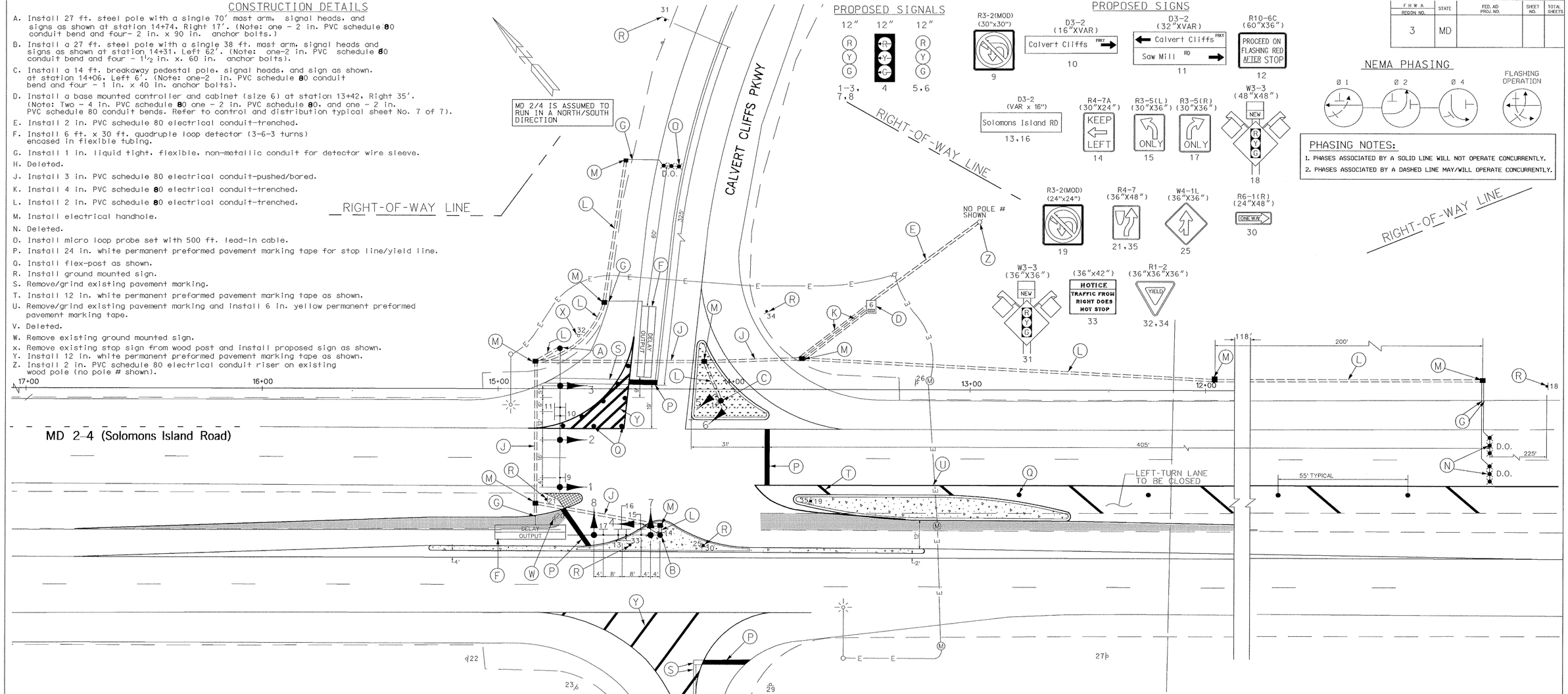
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

CONSTRUCTION DETAILS

A. Install 27 ft. steel pole with a single 70' mast arm, signal heads, and signs as shown at station 14+74, Right 17'. (Note: one - 2 in. PVC schedule 80 conduit bend and four- 2 in. x 90 in. anchor bolts.)
B. Install a 27 ft. steel pole with a single 38 ft. mast arm, signal heads and signs as shown at station 14+31, Left 62'. (Note: one-2 in. PVC schedule 80 conduit bend and four - 1½ in. x. 60 in. anchor bolts).
C. Install a 14 ft. breakaway pedestal pole, signal heads, and sign as shown. at station 14+06, Left 6'. (Note: one-2 in. PVC schedule 80 conduit bend and four - 1 in. x 40 in. anchor bolts).
D. Install a base mounted controller and cabinet (size 6) at station 13+42, Right 35'. (Note: Two - 4 in. PVC schedule 80 one - 2 in. PVC schedule 80, and one - 2 in. PVC schedule 80 conduit bends. Refer to control and distribution typical sheet No. 7 of 7).
E. Install 2 in. PVC schedule 80 electrical conduit-trenched.
F. Install 6 ft. x 30 ft. quadruple loop detector (3-6-3 turns) encased in flexible tubing.
G. Install 1 in. liquid tight, flexible, non-metallic conduit for detector wire sleeve.
H. Deleted.
J. Install 3 in. PVC schedule 80 electrical conduit-pushed/bored.
K. Install 4 in. PVC schedule 80 electrical conduit-trenched.
L. Install 2 in. PVC schedule 80 electrical conduit-trenched.
M. Install electrical handhole.
N. Deleted.
O. Install micro loop probe set with 500 ft. lead-in cable.
P. Install 24 in. white permanent preformed pavement marking tape for stop line/yield line.
Q. Install flex-post as shown.
R. Install ground mounted sign.
S. Remove/grind existing pavement marking.
T. Install 12 in. white permanent preformed pavement marking tape as shown.
U. Remove/grind existing pavement marking and install 6 in. yellow permanent preformed pavement marking tape.
V. Deleted.
W. Remove existing ground mounted sign.
X. Remove existing stop sign from wood post and install proposed sign as shown.
Y. Install 12 in. white permanent preformed pavement marking tape as shown.
Z. Install 2 in. PVC schedule 80 electrical conduit riser on existing wood pole (no pole # shown).



PROPOSED SIGNALS

12" 12" 12"
1-3, 7,8 — 4 — 5,6

PROPOSED SIGNS

R3-2(MOD) (30"x30") 9 — D3-2 (16"XVAR) Calvert Cliffs PRKY 10 — D3-2 (32"XVAR) Calvert Cliffs PRKY / Saw Mill RD 11 — R10-6C (60"X36") PROCEED ON FLASHING RED AFTER STOP 12

D3-2 (VAR x 16") Solomons Island RD 13,16 — R4-7A (30"X24") KEEP LEFT 14 — R3-5(L) (30"X36") ONLY 15 — R3-5(R) (30"X36") ONLY 17 — W3-3 (48"X48") NEW R Y G 18

R3-2(MOD) (24"x24") 19 — R4-7 (36"X48") 21,35 — W4-1L (36"X36") 25 — R6-1(R) (24"X48") ONE WAY 30

W3-3 (36"X36") NEW R Y G 31 — (36"x42") NOTICE TRAFFIC FROM RIGHT DOES NOT STOP 33 — R1-2 (36"X36"X36") YIELD 32,34

NEMA PHASING

Ø 1 Ø 2 Ø 4 FLASHING OPERATION

PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

EXISTING SIGNS

M3-1a (24"X12") NORTH; M1-6 (30"X24") CONTROL 765; M1-6 (21"X15") 23 — SAW MILL RD 24 — ONE WAY R6-1(R) (36"X12"); STOP R1-1 (30"X30") 29

R4-7 (30"X36") 20 (TO BE REMOVED) — W3-1 (36"X36") STOP AHEAD 28 — R2-1 (24"X30") SPEED LIMIT 55 27 — R5-1 (30"X30") DO NOT ENTER 22,26

PAVEMENT LEGEND

- PROPOSED FULL DEPTH PAVEMENT
- PROPOSED CONCRETE ISLAND
- PROPOSED GRASS ISLAND
- PAVEMENT REMOVAL
- PROPOSED MONOLITHIC CONC. MEDIAN
- PROPOSED CURB

UTILITY LEGEND

- T — TELEPHONE CABLES
- G — GAS MAIN
- W — WATER MAIN
- S — SEWER MAIN
- E — ELECTRIC CABLES
- A — AERIAL CABLES
- BC — BURIED CABLE
- SD — STORM DRAIN

GEOMETRIC LEGEND

- EXISTING GEOMETRICS
- PROPOSED GEOMETRICS

GENERAL NOTES

1. SEE SHEET 2 OF 7 FOR ADDITIONAL PAVEMENT MARKING DETAILS.
2. ALL TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
3. HANDOLES ARE TO BE SPACED A MAXIMUM OF 200 FEET APART.
4. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDENCE TO SHA STANDARDS.
5. D.O. DENOTES DELAYED OUTPUT.

REVISIONS

APPROVALS

for Dimitrios A. Zafirini — ASST. DIVISION CHIEF, TEDD

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

for T. Hedin — DIRECTOR, OFFICE OF TRAFFIC & SAFETY

DCI — CONSULTING ENGINEERS COLUMBIA, MARYLAND

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 2/4 (SOLOMONS ISLAND RD) @ MD 765 /CALVERT CLIFF PARKWAY

LOGMILE #: 04000209.32 — DATE 7/24/97

DRAWN BY: J. ALLEN Jr. — CHECK BY: — SCALE: 1" = 20'

F.A.P. NO. AC-STPG-000S(590)E — S.H.A. NO. AW279A54/B54 — COUNTY CALVERT

PLAN SHEET NO.: 3652 — SHEET NO. 1 OF 7

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