MD 2 IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION

PROPOSED SIGNS

16 — NORTH / MARYLAND 2 — GUIDE SHIELD ASSEMBLY (24" X 51")

17 — SOUTH / MARYLAND 2 — GUIDE SHIELD ASSEMBLY (30" X 75")

19 — Mitchells Chance Road / NEXT SIGNAL (7'-6" X 4'-6")

EXISTING SIGNALS

1,2,5,6 — R Y G — 12"

3 — R Y G — 12"/8"

4 — R Y G — 12"

7 — R Y G — 12"

EXISTING SIGNS

12,13 — LEFT TURN YIELD ON GREEN — R10-12 (36"X42")

9,15 — ONLY — R3-5(R) (30"X36")

8,10 — Mitchells Chance RD → / ← Mitchells Chance RD — D3-2 (VARIABLE x 16")

11,14 — D3-2 (VARIABLE x 16")

18,20,21 — R4-7 (24"X30")

NEMA PHASING

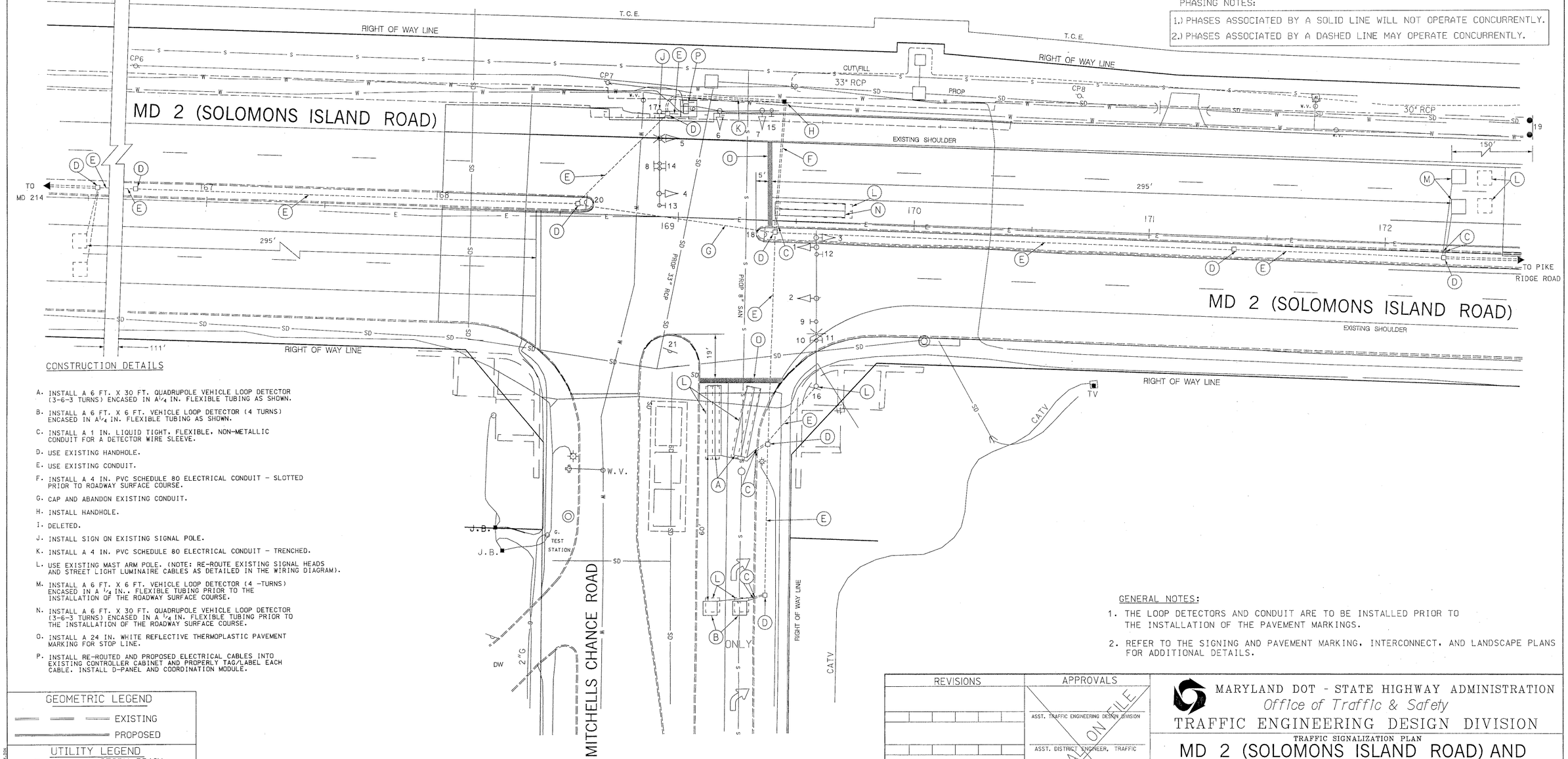
Ø2 Ø4 Ø5 Ø6

FLASHING OPERATION

PHASING NOTES:

1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. INSTALL A 6 FT. X 30 FT. QUADRUPOLE VEHICLE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN A 1/4 IN. FLEXIBLE TUBING AS SHOWN.

B. INSTALL A 6 FT. X 6 FT. VEHICLE LOOP DETECTOR (4 TURNS) ENCASED IN A 1/4 IN. FLEXIBLE TUBING AS SHOWN.

C. INSTALL A 1 IN. LIQUID TIGHT, FLEXIBLE, NON-METALLIC CONDUIT FOR A DETECTOR WIRE SLEEVE.

D. USE EXISTING HANDHOLE.

E. USE EXISTING CONDUIT.

F. INSTALL A 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED PRIOR TO ROADWAY SURFACE COURSE.

G. CAP AND ABANDON EXISTING CONDUIT.

H. INSTALL HANDHOLE.

I. DELETED.

J. INSTALL SIGN ON EXISTING SIGNAL POLE.

K. INSTALL A 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

L. USE EXISTING MAST ARM POLE. (NOTE: RE-ROUTE EXISTING SIGNAL HEADS AND STREET LIGHT LUMINAIRE CABLES AS DETAILED IN THE WIRING DIAGRAM).

M. INSTALL A 6 FT. X 6 FT. VEHICLE LOOP DETECTOR (4 -TURNS) ENCASED IN A 1/4 IN.. FLEXIBLE TUBING PRIOR TO THE INSTALLATION OF THE ROADWAY SURFACE COURSE.

N. INSTALL A 6 FT. X 30 FT. QUADRUPOLE VEHICLE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN A 1/4 IN. FLEXIBLE TUBING PRIOR TO THE INSTALLATION OF THE ROADWAY SURFACE COURSE.

O. INSTALL A 24 IN. WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.

P. INSTALL RE-ROUTED AND PROPOSED ELECTRICAL CABLES INTO EXISTING CONTROLLER CABINET AND PROPERLY TAG/LABEL EACH CABLE. INSTALL D-PANEL AND COORDINATION MODULE.

GENERAL NOTES:

1. THE LOOP DETECTORS AND CONDUIT ARE TO BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.

2. REFER TO THE SIGNING AND PAVEMENT MARKING, INTERCONNECT, AND LANDSCAPE PLANS FOR ADDITIONAL DETAILS.

GEOMETRIC LEGEND

EXISTING

PROPOSED

UTILITY LEGEND

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

SABRA, WANG & ASSOCIATES, INC.
1606 30th AVENUE
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BALTIMORE, MD 21227
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REVISIONS	APPROVALS
6/99 ④ ADD INTERCONNECT IN CONJUNCTION WITH ROADWAY WIDENING PROJECT SHA NO. AA530-A21	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNALIZATION PLAN

MD 2 (SOLOMONS ISLAND ROAD) AND MITCHELLS CHANCE ROAD

DRAWN BY:	J. Dirndorfer	F.A.P. NO.	N/A	TS NO. 3225A	SHEET NO.
CHECKED BY:	Steve Renzl	S.H.A. NO.	BW-662-802-512		
SCALE:	1"=20'	COUNTY:	ANNE ARUNDEL	T.I.M.S. NO.	___ OF ___
DATE:	MARCH 1, 1994	LOG MILE:	02000216.61		