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

PROPOSED SIGNS

25 — NORTH, MARYLAND 2 — GUIDE SHIELD ASSEMBLY (24" X 51")

26 — SOUTH, MARYLAND 2 — GUIDE SHIELD ASSEMBLY (30" X 75")

21 — Mitchells Chance Road, NEXT SIGNAL (7'-6" X 4'-6")

14,18 — LEFT TURN YIELD ON GREEN — R10-12 (36"X42")

23 — SOUTH, MARYLAND 2 — GUIDE SHIELD ASSEMBLY (24" X 51")

24 — NORTH, MARYLAND 2 — GUIDE SHIELD ASSEMBLY (30" X 75")

20,22 — R4-7 (24"X30")

19 — ONLY — R3-5(R) (30"X36")

EXISITING SIGNS TO BE RELOCATED

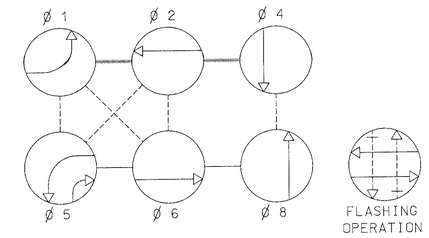
13a — Mitchells Chance RD — D3-2 (VARIABLE x 16")

13b — Mitchells Chance RD — D3-2 (VARIABLE x 16")

GENERAL NOTES

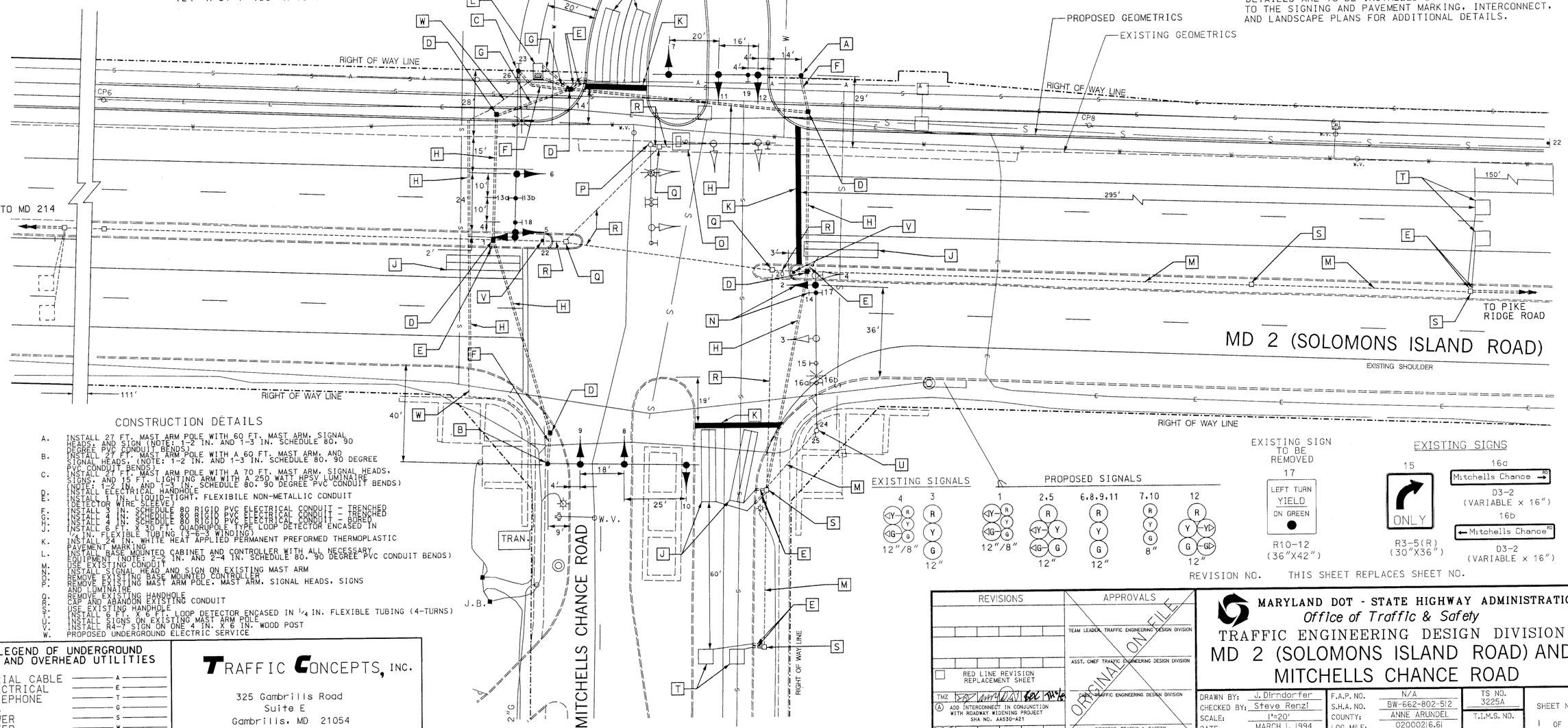
1. GEOMETRICS SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT. ALL SIGNAL EQUIPMENT TO BE INSTALLED AT FINAL GRADE AND CLEARANCE.
2. PAVEMENT MARKINGS DETAILED ON THE PLANS ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH MSHA STANDARS, QUIDELINES AND PRACTICES. ALL OTHER PAVEMENT MARKINGS SHOWN WILL EITHER BE INSTALLED AS PART OF THE DEVELOPER'S PROJECT OR ARE TO BE CONSIDERED AS EXISTING. PAVEMENT MARKINGS THAT DO NOT CONFORM TO THE PROPOSED PAVEMENT MARKING SYSTEM SHALL BE REMOVED AS DETAILED ON THE PLANS.
3. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT EXISTS BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
4. REVISION "A" IS A REVISION TO THE TRAFFIC CONTROL SIGNAL BUILT UNDER SHA NO. BW-662-802-512 IN MARCH 1994.
5. DISCONNECT AND ABANDON EXISTING LOOP DETECTORS ON S.B. MD 2 AND W.B. MITCHELLS CHANCE RD.
6. INSTALL PRESENCE DETECTORS 1 FT. BEHIND STOPBARS.
7. LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
8. PROPOSED GROUND MOUNTED SIGNS SHOWN, BUT NOT DETAILED ARE TO BE INSTALLED BY OTHERS. REFER TO THE SIGNING AND PAVEMENT MARKING, INTERCONNECT, AND LANDSCAPE PLANS FOR ADDITIONAL DETAILS.

NEMA PHASING



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 27 FT. MAST ARM POLE WITH 60 FT. MAST ARM, SIGNAL HEADS, AND SIGN (NOTE: 1-2 IN. AND 1-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
B. INSTALL 27 FT. MAST ARM POLE WITH A 60 FT. MAST ARM, AND SIGNAL HEADS. (NOTE: 1-2 IN. AND 1-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
C. INSTALL 27 FT. MAST ARM POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND 15 FT. LIGHTING ARM WITH A 250 WATT HPSV LUMINAIRE (NOTE: 1-2 IN. AND 1-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
D. INSTALL ELECTRICAL HANDHOLE
E. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBILE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
F. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
G. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
H. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - BORED
J. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
K. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
L. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
M. USE EXISTING CONDUIT
N. INSTALL SIGNAL HEAD AND SIGN ON EXISTING MAST ARM
O. REMOVE EXISTING BASE MOUNTED CONTROLLER
P. REMOVE EXISTING MAST ARM POLE, MAST ARM, SIGNAL HEADS, SIGNS AND LUMINAIRE
Q. REMOVE EXISTING HANDHOLE
R. CAP AND ABANDON EXISTING CONDUIT
S. USE EXISTING HANDHOLE
T. INSTALL 6 FT. X 6 FT. LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (4-TURNS)
U. INSTALL SIGNS ON EXISTING MAST ARM POLE
V. INSTALL R4-7 SIGN ON ONE 4 IN. X 6 IN. WOOD POST
W. PROPOSED UNDERGROUND ELECTRIC SERVICE

EXISTING SIGNALS

4 — 12"/8"
3 — 12"

PROPOSED SIGNALS

1 — 12"/8"
2,5 — 12"
6,8,9,11 — 12"
7,10 — 8"
12 — 12"

EXISTING SIGN TO BE REMOVED

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

EXISTING SIGNS

15 — ONLY — R3-5(R) (30"X36")

16a — Mitchells Chance RD — D3-2 (VARIABLE x 16")

16b — Mitchells Chance RD — D3-2 (VARIABLE x 16")

REVISION NO. THIS SHEET REPLACES SHEET NO.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101

REVISIONS	APPROVALS
RED LINE REVISION REPLACEMENT SHEET	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
TMZ — (A) ADD INTERCONNECT IN CONJUNCTION WITH ROADWAY WIDENING PROJECT SHA NO. AA530-A21	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
DUB — SWAH	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

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

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		1 OF 2
SCALE:	1"=20'	COUNTY:	ANNE ARUNDEL	T.I.M.S. NO.	
DATE:	MARCH 1, 1994	LOG MILE:	0200021.61		