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

PROPOSED SIGNS
(TO BE INSTALLED)

27a&b, 28a&b

Solomons Island RD

D-3(1)
(VARIABLE x 16") - DUAL FACE

EXISTING SIGNS

17a,19a — Mitchells Chance RD →

17b,19b — ← Mitchells Chance RD

D-3(1)
(VARIABLE x 16") - DUAL FACE

15,18,25 — ONLY — R3-5(L) (30" X 36")

16,22 — ONLY — R3-5(R) (30" X 36")

26 — R3-6(R) (30" X 36")

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

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

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

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

EXISTING LED SIGNAL HEADS
(TO REMAIN)

1,2,5,6 — R, Y, G — 12"

3,4,7,8,14 — R, Y, G — 12"

11 — R, Y, G, G — 12"

EXISTING LED SIGNAL HEADS
(TO BE REMOVED/REPLACED)

10a,13a — R, Y, G — 12"

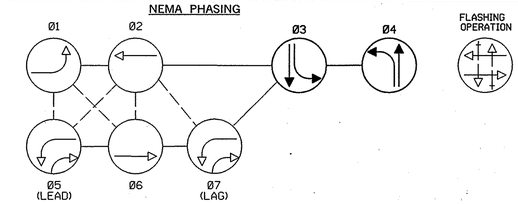
9a,12a — R, Y, G — 8"

PROPOSED LED SIGNAL HEADS
(TO BE INSTALLED)

10,13 — R, Y, G, G — 12"

9,12 — R, Y, G, G — 8"/12"

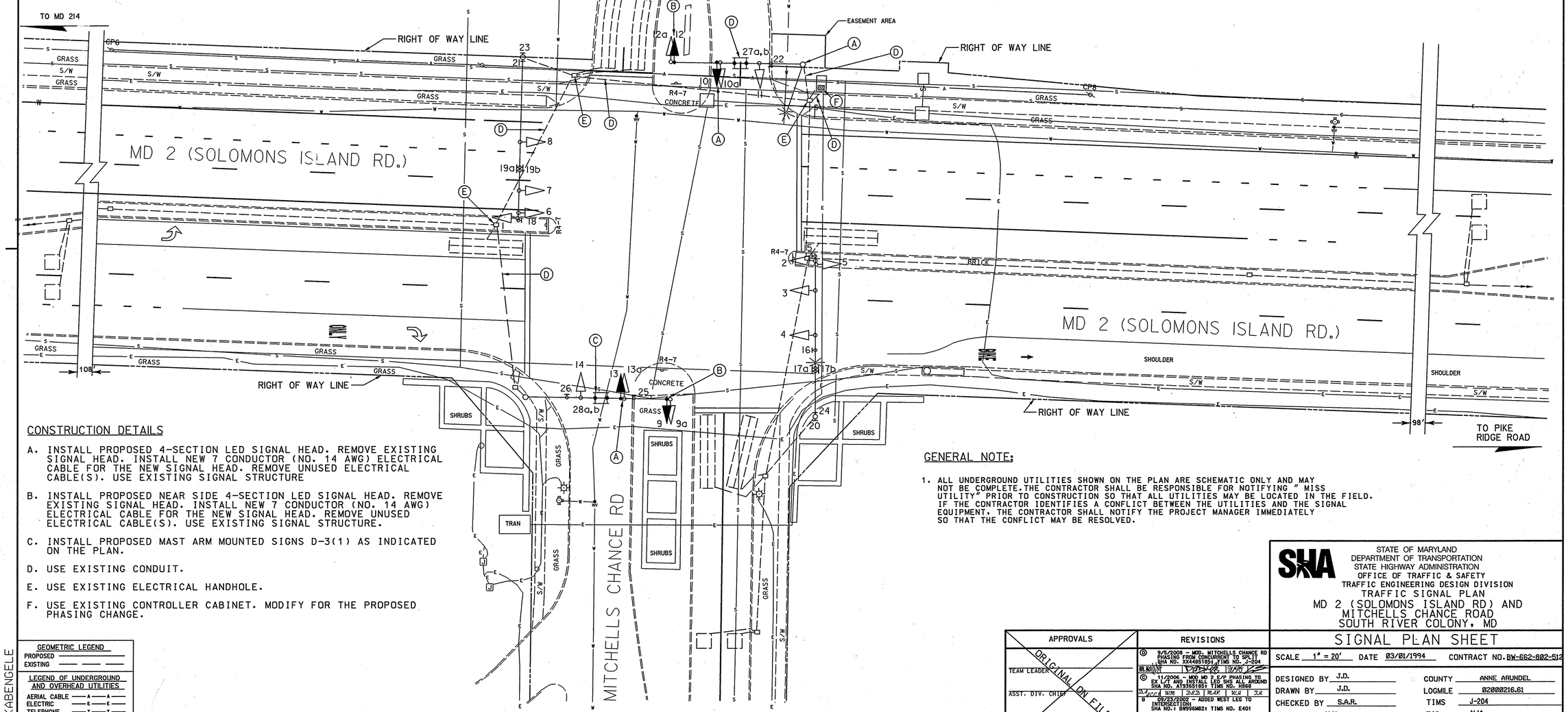
NEMA PHASING



FLASHING OPERATION

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

SPECIAL PHASING NOTE:
1. S/B MD 2 LEFT TURN WILL OPERATE AS LEAD AND LAG LEFT TURN PHASE.
2. PHASE 5 WILL RUN AS THE LEAD LEFT WITH PHASE 1 OR PHASE 2.
3. PHASE 7 WILL RUN AS THE LAG LEFT WITH PHASE 2.



CONSTRUCTION DETAILS

A. INSTALL PROPOSED 4-SECTION LED SIGNAL HEAD. REMOVE EXISTING SIGNAL HEAD. INSTALL NEW 7 CONDUCTOR (NO. 14 AWG) ELECTRICAL CABLE FOR THE NEW SIGNAL HEAD. REMOVE UNUSED ELECTRICAL CABLE(S). USE EXISTING SIGNAL STRUCTURE

B. INSTALL PROPOSED NEAR SIDE 4-SECTION LED SIGNAL HEAD. REMOVE EXISTING SIGNAL HEAD. INSTALL NEW 7 CONDUCTOR (NO. 14 AWG) ELECTRICAL CABLE FOR THE NEW SIGNAL HEAD. REMOVE UNUSED ELECTRICAL CABLE(S). USE EXISTING SIGNAL STRUCTURE.

C. INSTALL PROPOSED MAST ARM MOUNTED SIGNS D-3(1) AS INDICATED ON THE PLAN.

D. USE EXISTING CONDUIT.

E. USE EXISTING ELECTRICAL HANDHOLE.

F. USE EXISTING CONTROLLER CABINET. MODIFY FOR THE PROPOSED PHASING CHANGE.

GENERAL NOTE:

1. ALL UNDERGROUND UTILITIES SHOWN ON THE PLAN ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING " MISS UTILITY" PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR IDENTIFIES A CONFLICT BETWEEN THE UTILITIES AND THE SIGNAL EQUIPMENT, THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

GEOMETRIC LEGEND	
PROPOSED	
EXISTING	

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	A — A
ELECTRIC	E — E
TELEPHONE	T — T
GAS	G — G
SEWER	S — S
WATER	W — W
CABLE TV	TV — TV

BY: MKABENGELE

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

REVISIONS
D 9/3/2008 - MOD. MITCHELLS CHANCE RD PHASING FROM CONCURRENT TO SPLIT. SHA NO: XX4451051; TIMS NO. J-204 MK KJW 1-22-2008 10/1/08
C 11/2006 - MOD MD 2 E/P PHASING TO EXT. AND INSTALL LED SHS ALL AROUND SHA NO. AT9365105; TIMS NO. H869 DJ MCC WJH D.R.D. MAR WLU DJ
B 09/23/2002 - ADDED WEST LEG TO INTERSECTION. SHA NO: I BW9904021; TIMS NO. E401 MAR MAR MAR BRK
A 06/1999 - ADD INTERCONNECT IN CONJUCTION W/ ROADWAY WIDENING PROJ: SHA NO.: AA550-A21 MAR MAR D.R.D. BRK DJ

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 2 (SOLOMONS ISLAND RD) AND
MITCHELLS CHANCE ROAD
SOUTH RIVER COLONY, MD

SIGNAL PLAN SHEET

SCALE 1" = 20' DATE 03/01/1994 CONTRACT NO. BW-662-802-512

DESIGNED BY J.D.
DRAWN BY J.D.
CHECKED BY S.A.R.
F.A.P. NO. N/A

COUNTY ANNE ARUNDEL
LOGMILE 02000216.61
TIMS J-204
TOD N/A

DRAWING NO. TS-3225 D

SHEET NO. 1 OF 2