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

EXISTING SIGNS

16,22 — R3-5(R) (30" X 36")

17a, 19a: Mitchells Chance RD →
17b,19b: ← Mitchells Chance RD
D3-2 (VARIABLE x 16")

20 — GUIDE SHIELD ASSEMBLY (24" X 51")
21 — GUIDE SHIELD ASSEMBLY (30" X 75")
23 — GUIDE SHIELD ASSEMBLY (24" X 51")
24 — GUIDE SHIELD ASSEMBLY (30" X 75")

25 — R3-5(L) (30" X 36")
26 — R3-6(R) (30" X 36")

EXISTING R10-12 SIGN TO BE REMOVED

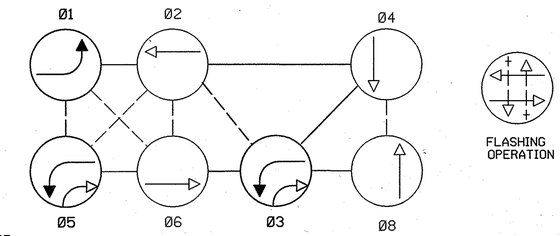
PROPOSED SIGNS

15,18 — R3-5(L) (30" X 36")

PROPOSED LED SIGNAL HEADS

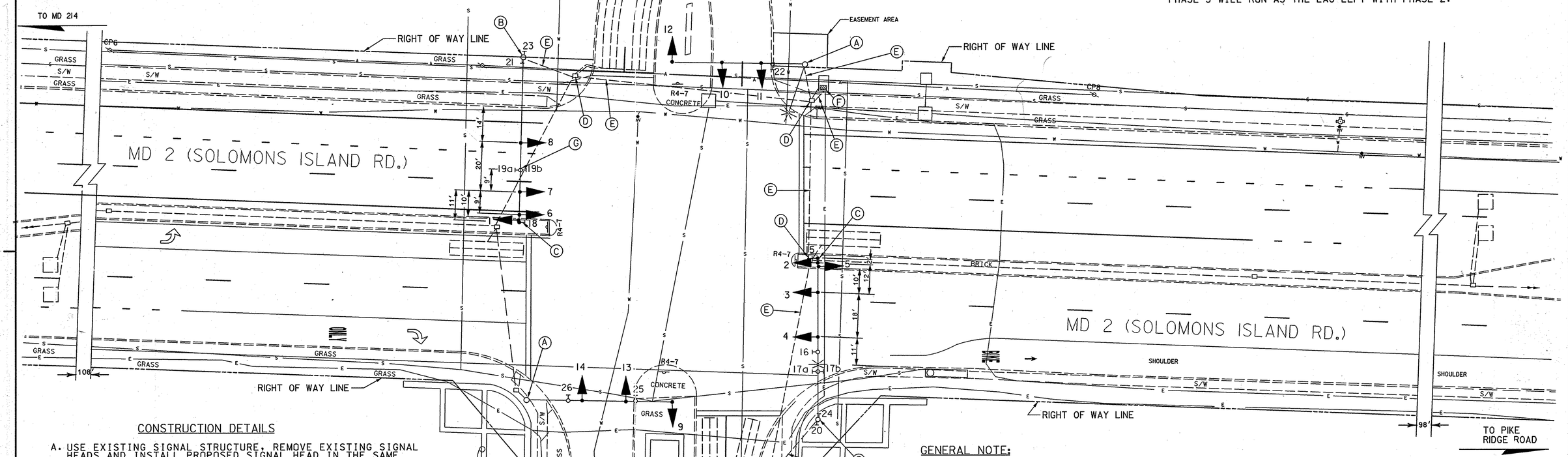
1,2,5,6 — 12"
3,4,7,8, 10,13,14 — 12"
9,12 — 8"
11 — 12"

NEMA PHASING



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

SPECIAL PHASING NOTE:
PHASE 5 WILL OPERATE AS LEAD AND LAG LEFT TURN PHASES.
PHASE 5 WILL RUN AS THE LEAD LEFT WITH PHASE 1 OR PHASE 2.
PHASE 3 WILL RUN AS THE LAG LEFT WITH PHASE 2.



CONSTRUCTION DETAILS

A. USE EXISTING SIGNAL STRUCTURE. REMOVE EXISTING SIGNAL HEADS AND INSTALL PROPOSED SIGNAL HEAD IN THE SAME LOCATION. WIRE WITH THE EXISTING SIGNAL CABLES.

B. USE EXISTING SIGNAL STRUCTURE. REMOVE EXISTING SIGNAL HEADS AND INSTALL PROPOSED SIGNAL HEAD AS INDICATED. REWIRE AS INDICATED IN WIRING DIAGRAM.

C. REMOVE EXISTING R10-12 SIGN AND INSTALL PROPOSED R3-5, SIGN AS INDICATED.

D. USE EXISTING HANDHOLE. REMOVE UNUSED ELECTRICAL CABLES

E. USE EXISTING CONDUIT. REMOVE UNUSED ELECTRICAL CABLES.

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

G. RELOCATE EXISTING SIGN, AS INDICATED.

* SEE GI SHEET FOR PAVEMENT MARKINGS

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.

2. THE PROPOSED REMOVAL OF EXISTING AND INSTALLATION OF PROPOSED SIGNAL HEADS SHALL BE PERFORMED ONE LEG OF THE INTERSECTION AT ONE TIME.

TOD NO: AT936-02
SHA No.: AA522A51/C51
MD 2 @ Mitchells Chance Road

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, MARYLAND

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

DESIGNED BY J.D. COUNTY ANNE ARUNDEL
DRAWN BY J.D. LOGMILE 02000216.61
CHECKED BY S.A.R. TIMS H868
F.A.P. NO. N/A TOD N/A

DRAWING NO. TS-3225C SHEET NO. 1 OF 2

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: JHENKEL

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031
Phone: (410) 823-8070 Fax: (410) 823-2184
REVISION 'C' 25003.48

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

REVISIONS

C 11/2006 MOD MD 2 E/P PHASING TO EX L/T AND LED SHS ALL AROUND SHA # AT3365185 TIMS # H868
DA/CEI: DAF 10/04/06 10/04/06 TM-Y
9/23/2002 - ADDED WEST LEG TO INTERSECTION: SHA NO.: BW996M82: TIMS NO. E401
MH/TC TMZ/TC MAR BRK

B 6/1999 ADD INTERCONNECT IN CONJUCTION W/ROADWAY WIDENING PROJ: SHA NO.: AA530-A21
DMP/CEI MAR DAZ BRK TH

PLOTTED: TUESDAY, DECEMBER 12, 2006 AT 9:35:46 AM
FILE: H868GF01.DGN