MD 22 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

N

PROPOSED SIGNS

14.15 — LEFT TURN YIELD ON GREEN — R10-12 42" x 36"

30 — EAST MARYLAND 22 (M3-4 24"x12") / M1-5 24"x24" / SNOW EMERGENCY ROUTE (R95-3 24"x24")

18 — EAST MARYLAND 22 — ASSOCIATED SHIELD ASSEMBLY (24"x51") M3-2 - 24"x12" M1-6 - 24"x24" M6-1 - 21"x15"

16 — WEST MARYLAND 22

17 — WEST MARYLAND 22 — ASSOCIATED SHIELD ASSEMBLY (36"x75") M3-2 - 30"x15" M1-6 - 36"x36" M6-1 - 30"x24"

19 — EAST MARYLAND 22

PROPOSED SIGNALS

1.6.9 — 8"/12"

2.7.10 — 12"

3-5.8.11 — 12"

PROPOSED NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø6 Ø7 Ø8

NEMA PHASING NOTES:

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

EXISTING SIGNS

11 — LEFT TURN YIELD ON GREEN — R10-12 42"x36"

22 — RIGHT LANE MUST TURN RIGHT — R3-7R 30"x30"

21 — YIELD — R1-2 36"x36"

23.24 — NO TURN ON RED — R7-4 24"x18"

29 — R3-2 36"x36"

25.26 — DO NOT ENTER — R5-1 36"x36"

27 — WEST MARYLAND 22 (M3-4 24"x12" / M1-5 24"x24") / SNOW EMERGENCY ROUTE (R95-3 24"x24")

12 — Shucks Rd — D-3(1) 16"xVARIABLE (DUAL FACE)

13 — Thomas Run Rd — D-3(1) 16"xVARIABLE (DUAL FACE)

28 — Prospect Mill Rd — W3-3 36"x36"

20 — "Medical Hall" HISTORICAL SIGN (HISTORICAL SOCIETY OF HARFORD COUNTY)

EXISTING SIGNALS

(1.2) — 12"

(3-4.7.10) — 12"

EXISTING NEMA PHASING

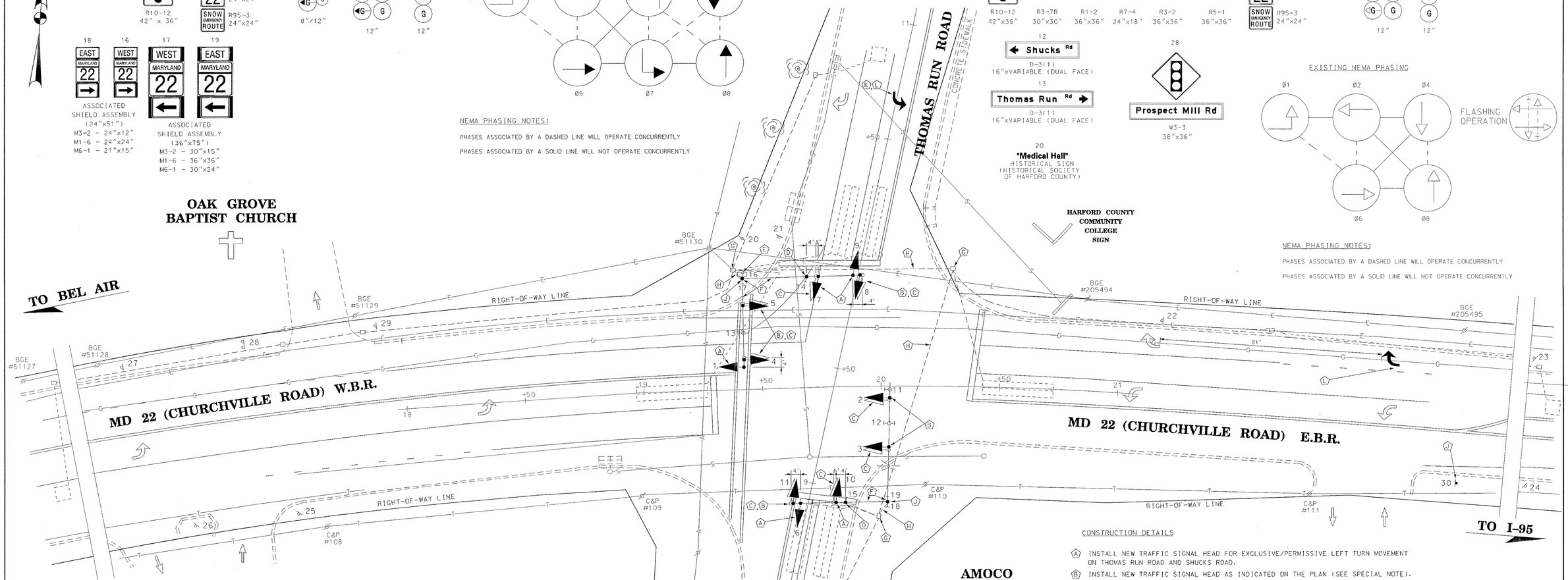
Ø1 Ø2 Ø4 Ø6 Ø8

FLASHING OPERATION

NEMA PHASING NOTES:

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



GENERAL NOTES

1. REVISION "E" IS A MODIFICATION TO THE TRAFFIC CONTROL SIGNAL COMPLETED IN FEBRUARY 1988 UNDER S.H.A. CONTRACT #H-893-501-471. THE ORIGINAL TS #265 IS ON FILE.
2. THE CONTRACTOR SHALL INSTALL ALL NEW EQUIPMENT (SIGNAL HEADS, ELECTRICAL WIRES AND SIGNS) PRIOR TO REMOVING EXISTING ONE.
3. ALL PROPOSED SIGNAL HEADS SHALL BE POLYCARBONATE AND BLACK FACE.
4. ALL CONNECTIONS IN THE CONTROLLER CABINET WILL BE DONE BY THE S.H.A. SIGNAL SHOP.
5. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS 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 PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE PROPOSED EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

CONSTRUCTION DETAILS

(A) INSTALL NEW TRAFFIC SIGNAL HEAD FOR EXCLUSIVE/PERMISSIVE LEFT TURN MOVEMENT ON THOMAS RUN ROAD AND SHUCKS ROAD.
(B) INSTALL NEW TRAFFIC SIGNAL HEAD AS INDICATED ON THE PLAN (SEE SPECIAL NOTE).
(C) REMOVE EXISTING MAST ARM MOUNTED TRAFFIC SIGNAL HEAD AS INDICATED.
(D) INSTALL MAST ARM MOUNTED SIGNS FOR EXCLUSIVE/PERMISSIVE LEFT TURN MOVEMENT AS INDICATED.
(E) USE EXISTING POLE-MOUNTED CABINET.
(F) USE EXISTING SIGNAL POLE AND MAST ARM.
(G) USE EXISTING HANDHOLE.
(H) USE EXISTING CONDUIT.
(J) INSTALL POLE MOUNTED SIGN/ GROUND MOUNTED SIGN.
(K) REMOVE EXISTING PAVEMENT MARKING AS INDICATED.
(L) INSTALL PAVEMENT MARKING (LEFT TURN ARROW) AS INDICATED.
(M) INSTALL TWO 2" PVC SCHEDULE 80 CONDUITS - TRENCHED.

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

SPECIAL NOTE

THE CONTRACTOR SHALL DISCONNECT EXISTNG ELECTRICAL CABLES FROM EXISTING SIGNAL HEADS TO BE REMOVED AND RECONNECT TO PROPOSED SIGNAL HEADS. A TRAFFIC SIGNAL OUTAGE SHALL BE SCHEDULED DURING NON-PEAK HOURS AS DIRECTED BY THE PROJECT ENGINEER.

REVISIONS

(E) S.H.A. NO. XX1065385 INSTALL E/P LEFT TURN PHASE FOR THOMAS RUN RD & SHUCKS RD. 4-26-2002

(D) S.H.A. NO. H-893-501-471 RELOCATE SIGNAL IN NW QUADRANT DUE TO GEOMETRIC CHANGES 5-17-1989 — EDJ | JR | DAJ | MJ

(C) S.H.A. NO. H-893-501-471 REBUILD EXISTNG SIGNAL 2-25-1988 — EDJ | JR | DAJ | DW | GSP | JM

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASSISTANT TRAFFIC ENGINEERING DESIGN DIVISION

ASST. TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

NOTE: "E" TO THIS H-893-501-471 REVISION DATED 4-25-1988 IS ON ORIGINAL PLAN ON FILE

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

MD 22 (Churchville Road) @ Thomas Run Road / Shucks Road

DRAWN BY: GENE SIMMERS	F.A.P. NO. -	TS NO. 265 (E)	SHEET NO.
CHECKED BY: GENE SIMMERS	S.H.A. NO. H-893-501-471		
SCALE: 1" = 20'	COUNTY: HARFORD	T.I.M.S. NO. F050	1 OF 2
DATE: 2-17-1988	LOG MILE: 12002203.59		