US 301 IS ASSUMED TO RUN IN AN NORTH/SOUTH DIRECTION

EXISTING SIGNS

26,30 — DO NOT ENTER — R5-1 (36"X36")

25,29,34 — R4-7 (36"X48")

16,18 — ← Clymer DR / Matapeake DR → — D3-2 (32"X VAR.)

13,15 — ← Matapeake DR / Clymer DR → — D3-2 (32"X VAR.)

21,22 — Robert S. Crain HWY — D3-2 (16"x var.) Dual Face

17,20 — LEFT TURN YIELD ON GREEN — R10-12 (36"X42") (crossed out)

19 — ONLY — R3-5 (30"X36")

23,24 — ← Matapeake DR / Clymer DR → / NEXT SIGNAL — D3-3 (32"X VAR.)

21 — R3-6L (30"X36")

35,39 — ONE WAY — R6-1(L) (12"X36")

31,36 — ONE WAY — R6-1(R) (12"X36")

27,28 — ← Clymer DR / Matapeake DR → / NEXT SIGNAL — D3-3 (32"X VAR.)

33 — NORTH 301 — (48"X75")

32 — SOUTH 301 — (30"X51")

37 — NORTH 301 — (30"X51")

38 — SOUTH 301 — (48"X75")

EXISTING SIGNALS

3,4,8, 9,11-16: R, Y, G — 12"

PROPOSED SIGNALS

1,2 6,7: R, Y, G

5,10: R, Y, G

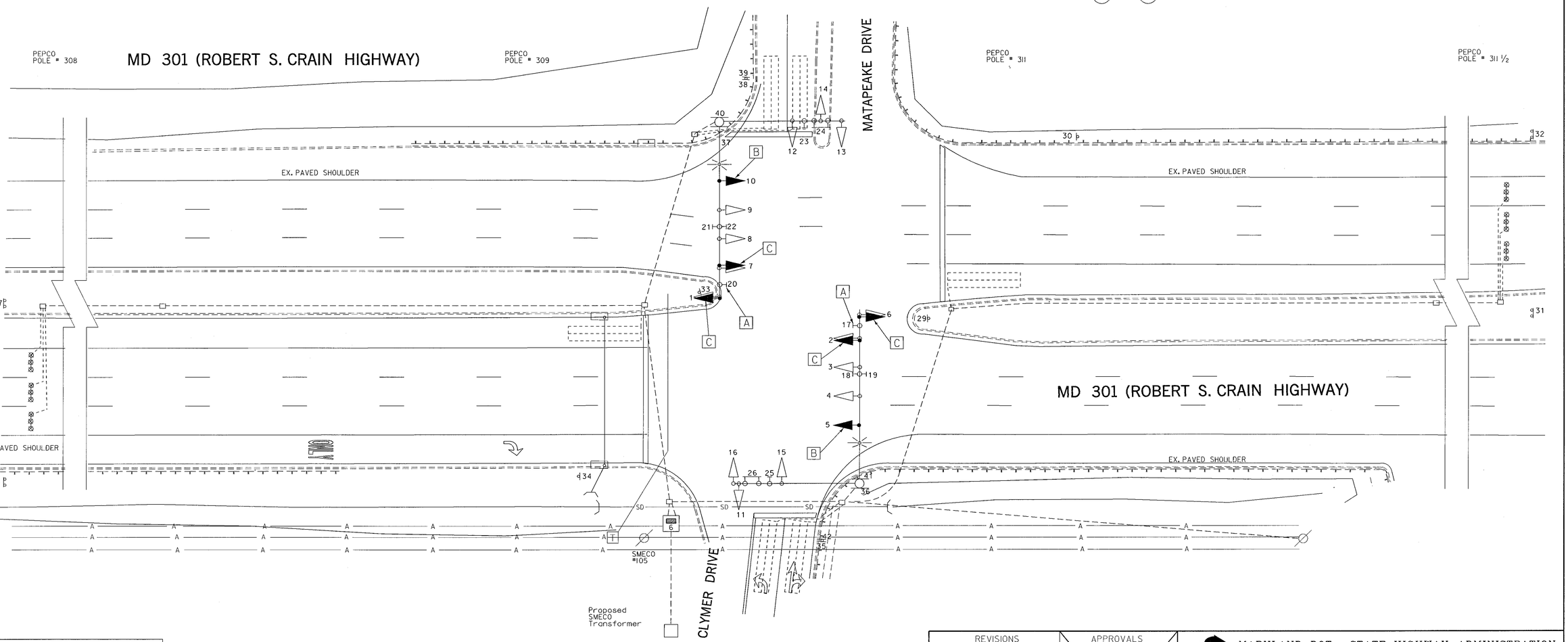
NEMA PHASING

Ø1 Ø2 Ø4

Ø5 Ø6 Ø8

FLASHING OPERATION

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



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

CONSTRUCTION NOTES

A. Remove existing sign.

B. Install new 12 in. standard traffic signal head.

C. Remove and replace signal head as shown.

REVISIONS	APPROVALS
	ORIGINAL
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	ON
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
A 1/2004 REMOVE AND REPLACE E/P L.T. WITH EXCLUSIVE-L.T. ADD THIRD SIGNAL HEAD FOR THRU MOVEMENT. CONTRACTOR: [redacted] CJW	FILE
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
US 301 (ROBERT S. CRAIN HIGHWAY)
AND
CLYMER DRIVE /MATAPEAKE DRIVE

DRAWN BY:	J.ALLEN Jr.	F.A.P. NO.		TS NO. 4065	SHEET NO.
CHECKED BY:	S.RENZI	S.H.A. NO.			
SCALE:	1" = 20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. G124	1 OF 2
DATE:	FEBRUARY, 2001	LOG MILE:	16030100.77		