NOTE:
MD 8 IS ASSUMED TO RUN IN
A NORTH-SOUTH DIRECTION

EXISTING SIGNALS

1,2,4-6,8-12 — R Y G — 12"

3,7 — R Y G — 12"

EXISTING SIGNS

13,14 — LEFT TURN YIELD ON GREEN — R10-12 36"x 42"

15 — ONLY — R3-8 60" x 36"

PROPOSED SIGNAL

-◆- PROPOSED OPTICOM DETECTOR

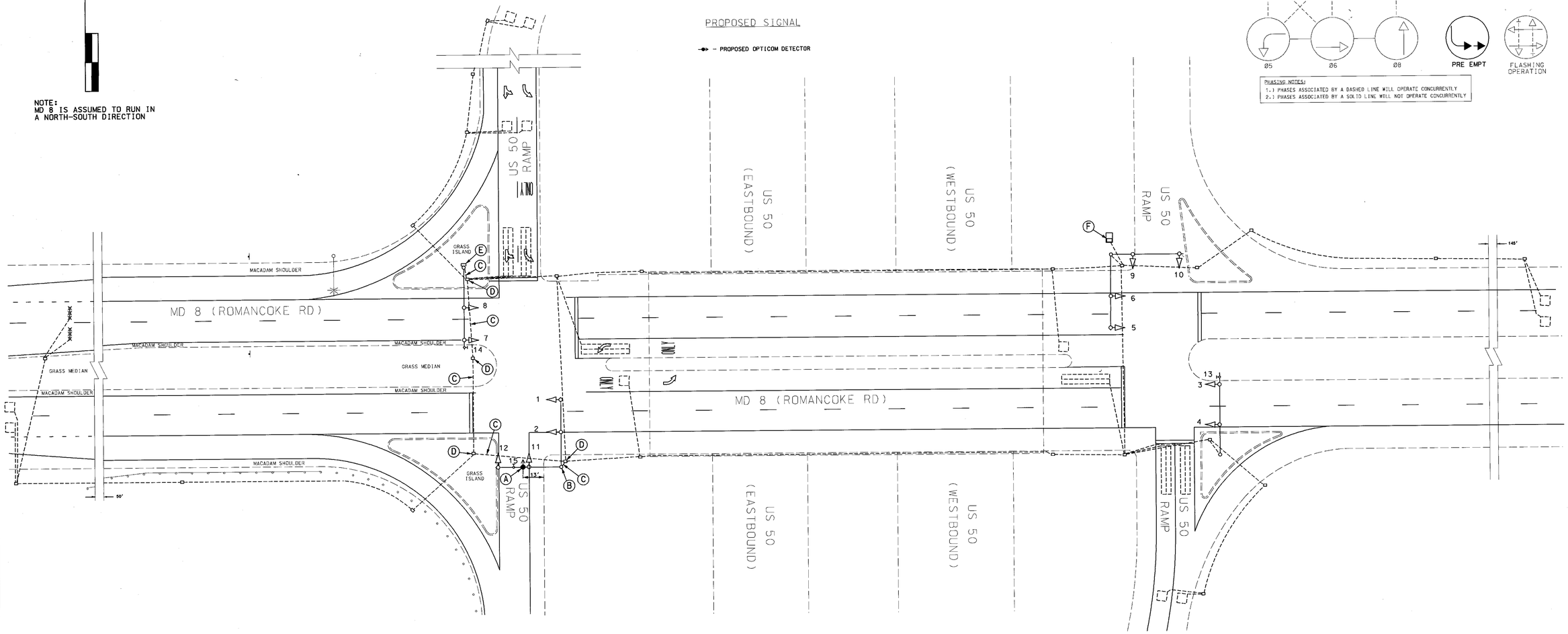
NEMA PHASING

Ø1 Ø2 Ø4 Ø5 Ø6 Ø8

PRE EMPT

FLASHING OPERATION

PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



GENERAL NOTES:

1. A detailed utility review was not undertaken and this plan should not be construed as representing all underground utilities in the area.

CONSTRUCTION DETAILS

A. Install opticom detector eye onto existing mast arm as shown.
B. Use existing signal pole.
C. Use existing conduit.
D. Use existing handhole.
E. Use existing pole mounted cabinet and install opticom discriminator module and interface card. (Shop forces to install relay package for pre-emption).
F. Shop forges to install relay package for pre-emption.

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

REVISION "B"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

4420d.dgn TASK 90

REVISIONS

B 5/03
INSTALL OPTICOM FOR EB US 50 OFF-RAMP
SHA # XX1065185
JWA

APPROVALS

ORIGINAL ON FILE

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

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

MD 8 (ROMANCOKE RD) AND
RAMP FROM EAST BOUND US 50

DRAWN BY:
CHECKED BY:
SCALE: 1" = 30'
DATE:

F.A.P. NO.
S.H.A. NO.
COUNTY: QUEEN ANNE'S
LOG MILE: 17000808.01

TS NO. TS 1916B
T.I.M.S. NO. F621

SHEET NO. 4 OF 8

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