NOTE: MD 170 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNS

7

LEFT TURN
YIELD
ON GREEN

R10-12
36"x 42"

EXISTING SIGNALS

1,2,4 3 5,6

R Y G 12" R Y G 12" R Y G 8"

OPTICOM DETECTOR EYE

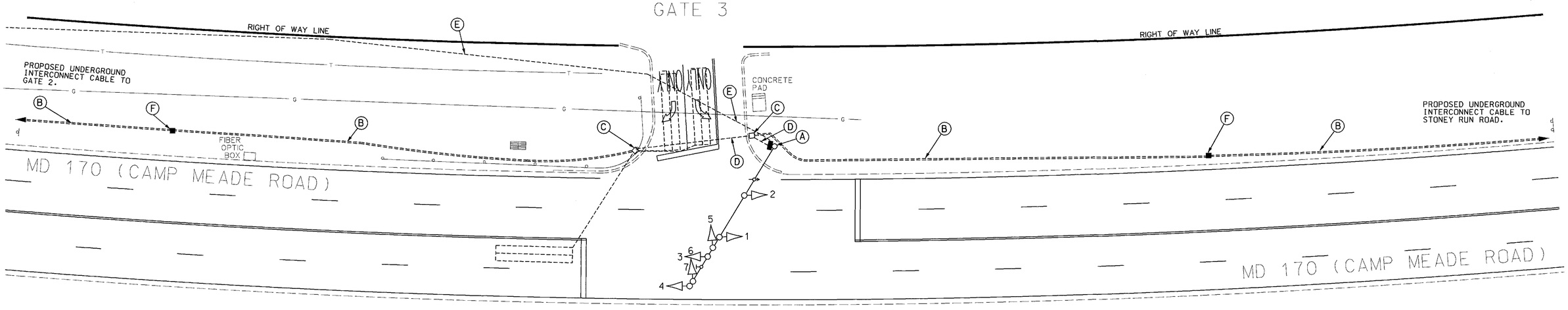
NEMA PHASING

Ø1 Ø2 Ø4 Ø6

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

GATE 3



CONSTRUCTION DETAILS

A. Use 27' steel pole with a 64' mast arm and existing equipment. The contractor shall disconnect and pull back the existing cables to remove existing cabinet. Install a NEMA size '5' pole mounted cabinet and system local controller with all necessary equipment for rewiring and install the proposed interconnect cable. The opticom cabinet equipment shall be relocated from the existing cabinet by the Signal shop.

B. Install 3" polyvinyl chloride (Schedule 80) electrical conduit (trenched) for installation of I/C cable.

C. Use existing handhole.

D. Use existing 2" galvanized steel electrical conduit (Sch. 80).

E Existing underground electrical service by BGE to be maintained.

F. Install handhole.

GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.

2. Any modification to this subject signal should be proceeded by a thorough identification of all existing utilities.

RIGHT OF WAY LINE RIGHT OF WAY LINE

RIGHT OF WAY LINE

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRIC	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

REVISION "B"

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3922L.dgn TASK 2

REVISIONS

B 5-10-02 ASBUILT. REPLACE CABINET ADD SC. XE1085185 EMM
A Install VIDEO DETECTION

APPROVALS

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

ORIGINAL ON FILE

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

MD 170 & GATE 3 OF NORTHROP GRUMMAN

DRAWN BY: D.DODA	F.A.P. NO.	TS NO. 1027B	SHEET NO.
CHECKED BY:	S.H.A. NO. AR293152/B52		13 OF 23
SCALE: 1"= 20'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO. E 451	
DATE: 3-23-01	LOG MILE: 02017007.13		

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