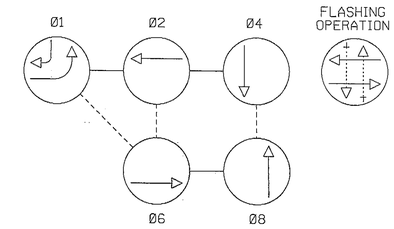
MD 3B IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

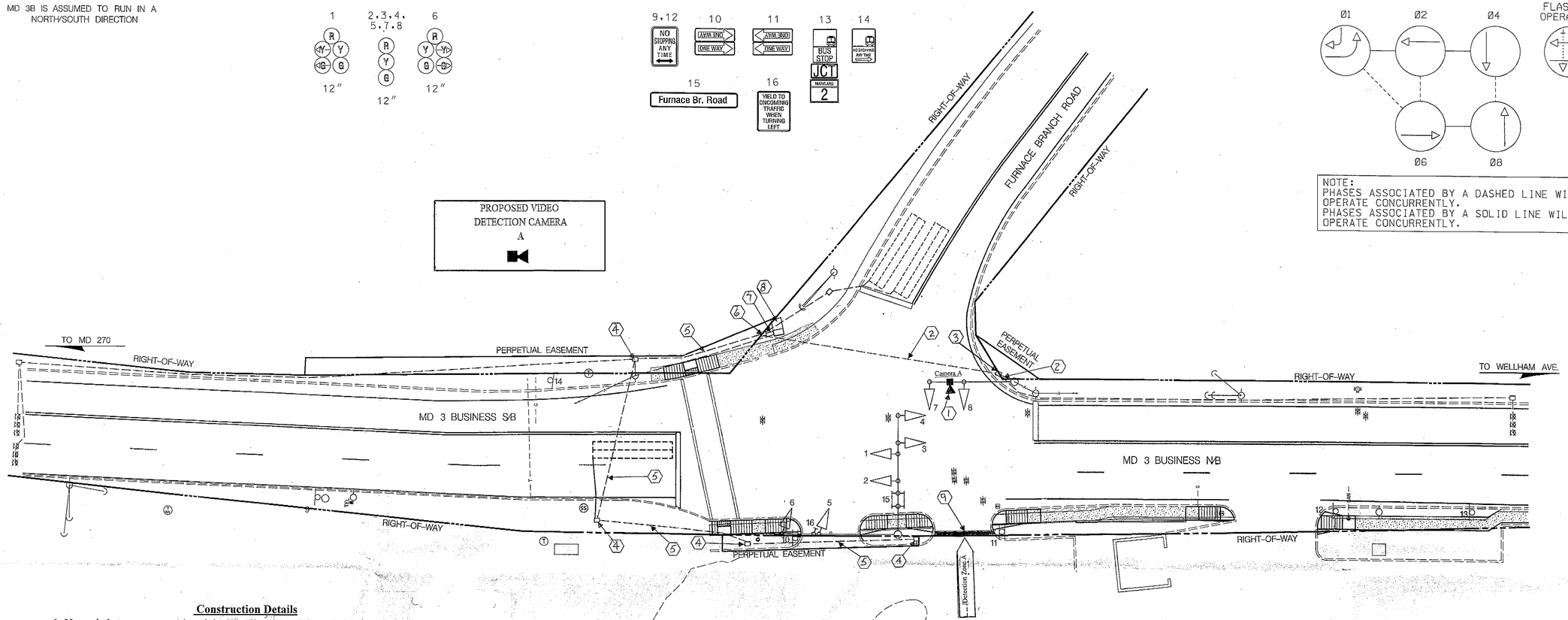
EXISTING SIGNALS

EXISTING SIGNS

NEMA PHASING



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



Construction Details

1. Use existing mast arm and upright. Install proposed detection camera and lead-in cable.
2. Use existing conduit. Install proposed video detection lead-in cable.
3. Use existing handhole. Install proposed video detection lead-in cable.
4. Use existing handhole. Remove existing loop detector lead-in cable.
5. Use existing conduit. Remove existing loop detector lead-in cable.
6. Use existing handhole. Remove existing loop detector lead-in cable. Install proposed video detection lead-in cable.
7. Use existing conduit. Remove existing loop detector lead-in cable. Install proposed video detection lead-in cable.
8. Use existing controller cabinet. Remove existing loop detector lead-in cable for phase 8. Install proposed video detection lead-in cable. Traffic Operations Division personnel will install and program video interface equipment upon completion of proposed work.
9. Installproposed stop line to SHA standards.

Equipment List 'A'

Equipment to be supplied SHA and installed By the Contractor

Easylock Connector
Terra Interface Panel
Terra Access Point
Tip to Tap I/F Cable-BIU
Tip to Tap I/F Cable-Hardwire
Terra Field Ethernet Adapter

Equipment List 'B'

Equipment to be furnished and installed by the Contractor.

QUANTITY		DESCRIPTION
1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
20	LF	24 INCH WHITE PREFORMED THERMOPLASTICPAVEMENT MARKING LINES
1	EA	F & I VIDEO DETECTION CAMERA W/ 3 WIRE
1	EA	REMOVE & DISPOSE OF EQUIPMENT

Equipment List 'C'

Removed and Salvaged Items

NONE

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
F	FIBER-OPTIC

RJM ENGINEERING, INC.
CONSULTING ENGINEERS
COLUMBIA, MARYLAND

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

(A) RELOCATE NB DETECTION ZONE TIMS # 968. CONTRACT # AX7055168 10/2009
(B) October 2011 Install Video Detection 3-BIO 23861T02005 TIMS: L-211

PLOTTED: $DATETIME$
FILE: $FILE$

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 3 BUSINESS AND FURNACE BRANCH RD
FERNDALE, MD

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE 3-7-1977 CONTRACT NO. AA-177-501-585

DESIGNED BY	D. DODA	COUNTY	ANNE ARUNDEL
DRAWN BY	D. DODA	LOGMILE	02003B04.91
CHECKED BY	W. RICHARDSON	TIMS NO.	
F.A.P. NO.		TOD NO.	

TS NO. 1501 B | DRAWING SG-01 OF 02 | SHEET NO. 1 OF

BY: $USERNAME$

BORDER REV: DATE: March12/2009007

DRILL HOLES
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