MD 450 IS ASSUMED TO RUN IN A EAST / WEST DIRECTION

EXISTING SIGNS

14 — Ardwick - Ardmore RD

16 — Ardwick - Ardmore RD

13 — LEFT TURN YIELD ON GREEN

PROPOSED SIGNS

15 — U TURN YIELD ON GREEN

R10-12(1) (36"x42")

EXISTING SIGNALS

3,7 — 12"

8 — 12"

9-12 — 12"

PROPOSED SIGNALS

1 — 12"/8"

2 — 12"

3,6 — 12"

4 — 12"/8"

5 — 12"

a — PROPOSED VIDEO DETECTION

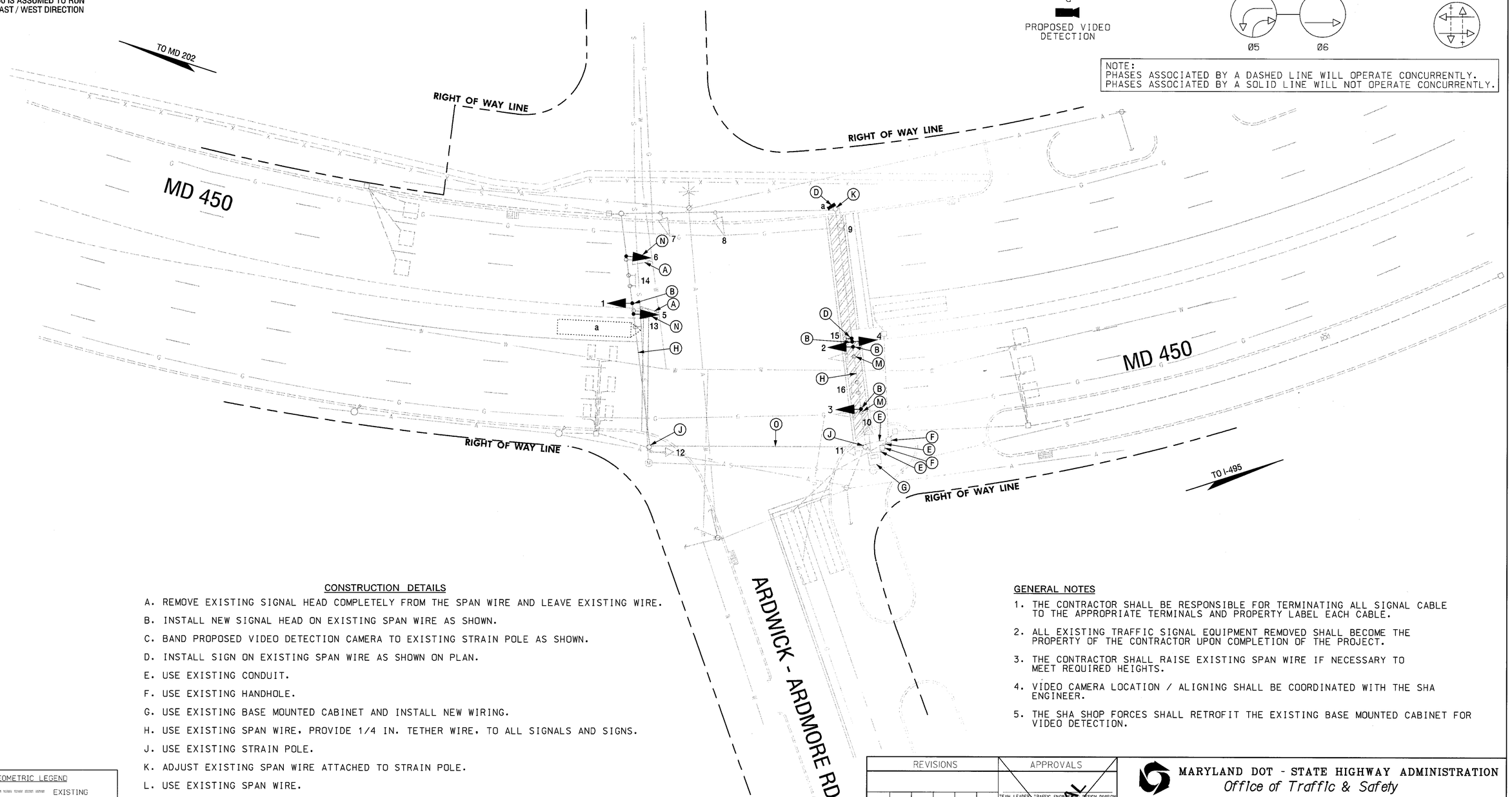
NEMA PHASING

Ø1 Ø2 Ø4 ALT Ø4

Ø5 Ø6

FLASHING OPERATION

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



CONSTRUCTION DETAILS

A. REMOVE EXISTING SIGNAL HEAD COMPLETELY FROM THE SPAN WIRE AND LEAVE EXISTING WIRE.

B. INSTALL NEW SIGNAL HEAD ON EXISTING SPAN WIRE AS SHOWN.

C. BAND PROPOSED VIDEO DETECTION CAMERA TO EXISTING STRAIN POLE AS SHOWN.

D. INSTALL SIGN ON EXISTING SPAN WIRE AS SHOWN ON PLAN.

E. USE EXISTING CONDUIT.

F. USE EXISTING HANDHOLE.

G. USE EXISTING BASE MOUNTED CABINET AND INSTALL NEW WIRING.

H. USE EXISTING SPAN WIRE, PROVIDE 1/4 IN. TETHER WIRE, TO ALL SIGNALS AND SIGNS.

J. USE EXISTING STRAIN POLE.

K. ADJUST EXISTING SPAN WIRE ATTACHED TO STRAIN POLE.

L. USE EXISTING SPAN WIRE.

M. REMOVE EXISTING SIGNAL HEAD AND ELECTRICAL CABLE COMPLETELY FROM SPAN WIRE, STRAIN POLE CONDUIT, HANDHOLE AND CABINET.

N. INSTALL NEW SIGNAL HEAD ON EXISTING SPAN WIRE AND WIRE WITH EXISTING CABLE FROM PREVIOUS SIGNAL.

O. USE EXISTING SPAN WIRE.

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERTY LABEL EACH CABLE.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR UPON COMPLETION OF THE PROJECT.
3. THE CONTRACTOR SHALL RAISE EXISTING SPAN WIRE IF NECESSARY TO MEET REQUIRED HEIGHTS.
4. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
5. THE SHA SHOP FORCES SHALL RETROFIT THE EXISTING BASE MOUNTED CABINET FOR VIDEO DETECTION.

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

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 160
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

REVISIONS

Ⓑ SHA NO. AT2885185 8/ /03
INSTALL EASTBOUND U-TURN EXCLUSIVE PERMISSIVE PHASE
SWA SAS

Ⓐ SHA NO. 855-25031093
REPLACE FAILED LOOP DETECTION
RCS

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

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

MD 450 & ARDWICK – ARDMORE RD

DRAWN BY:	-	F.A.P. NO.	U-931-1(2)	TS NO. 403B	SHEET NO.
CHECKED BY:	-	S.H.A. NO.	PG.1015.11.01		
SCALE:	1" = 20'	COUNTY:	PRINCE GEORGES	T.I.M.S. NO. F-722	1 OF 2
DATE:	8/28/72	LOG MILE:	16045003.18		

FILE: R:\00-47\T.csk, 28.dwg\x399gp01.dgn
PLOT: 9-Aug-03 09:06