| F.H.W.A. REGION NO. | STATE | FED. AID PROJ. NO. | SHEET NO. |
|---|---|---|---|
| 3 | MD | | |

MD 45 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS TO REMAIN

13,16 LEFT TURN YIELD ON GREEN

14,15 Seminary Ave — D3-2 (DUAL FACED) (VARIABLE x 16")

20,22 York Road — D3-2 (DUAL FACED) (VARIABLE x 16")

17 NORTH / SOUTH — MARYLAND 45

21 SOUTH / NORTH — MARYLAND 45

EXISTING SIGNS TO BE RELOCATED (SHOWN AT FINAL LOCATION)

18,24 ONLY — R3-5L (30" X 36")

PROPOSED SIGNS

19,23 LEFT TURN YIELD ON GREEN — R10-12 (36" X 42")

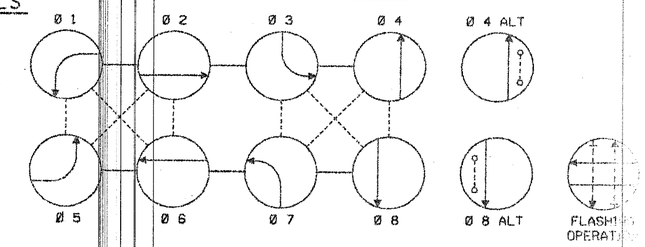
EXISTING SIGNALS TO REMAIN: 1,3 (12') 2,4 (12") 6,8 (8") 9-12

EXISTING SIGNALS TO BE REMOVED: 5a,7a (8")

PROPOSED SIGNALS: 5,7 (12"/8")

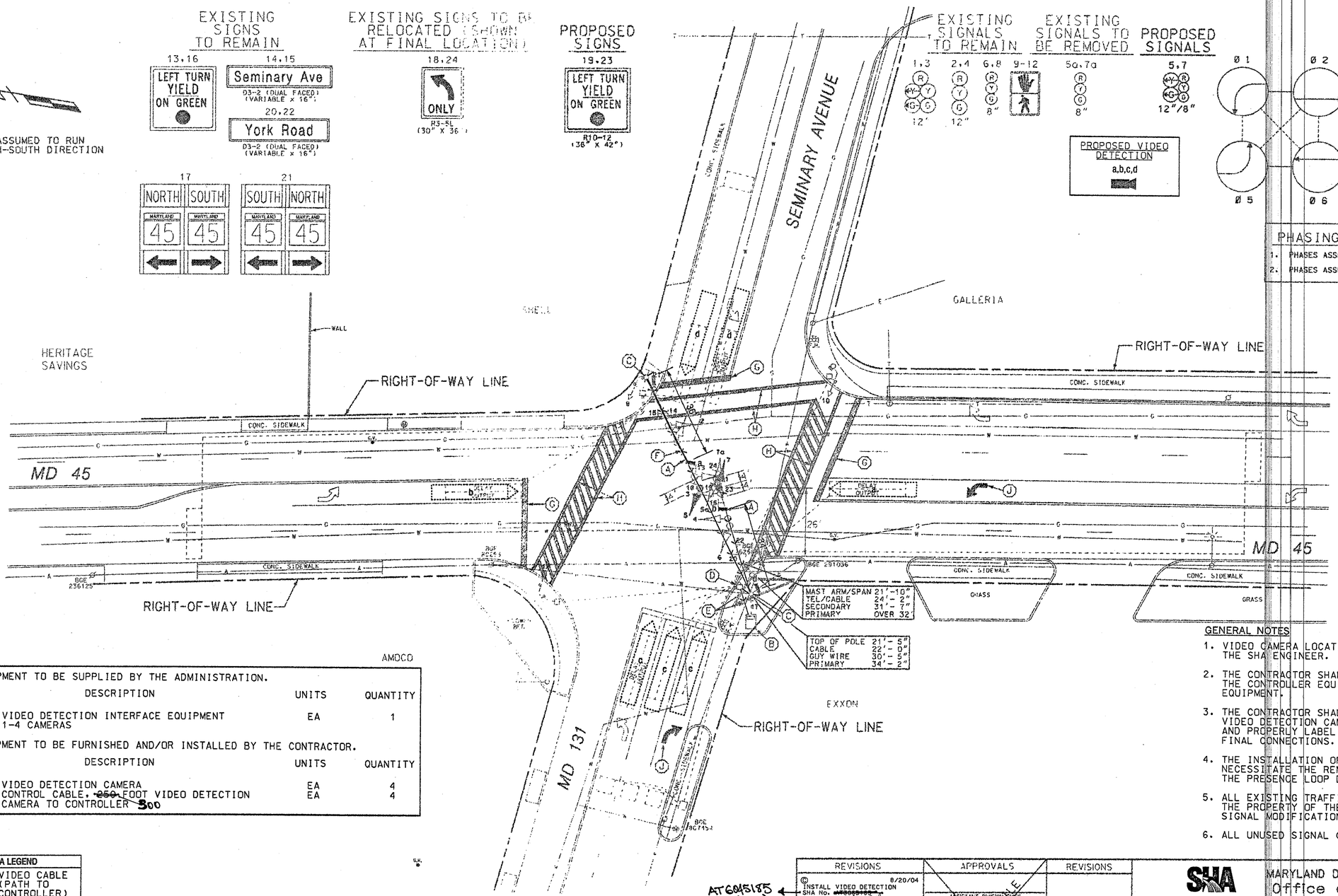
PROPOSED VIDEO DETECTION a,b,c,d

NEMA PHASING




PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.




AMOCO

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

| ITEM NO. | DESCRIPTION | UNITS | QUANTITY |
|---|---|---|---|
| 9086 | VIDEO DETECTION INTERFACE EQUIPMENT 1-4 CAMERAS | EA | 1 |

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

| ITEM NO. | DESCRIPTION | UNITS | QUANTITY |
|---|---|---|---|
| 8053 ~~8019~~ | VIDEO DETECTION CAMERA | EA | 4 |
| 8009 ~~8020~~ (NEW) | CONTROL CABLE, ~~250~~ 300 FOOT VIDEO DETECTION CAMERA TO CONTROLLER | EA | 4 |

10/14/2004 MC

VIDEO CAMERA LEGEND

= VIDEO CABLE (PATH TO CONTROLLER)

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

| | |
|---|---|
| AERIAL CABLE | A |
| ELECTRICAL | E |
| TELEPHONE | T |
| GAS | G |
| SEWER | S |
| WATER | W |
| CABLE TV | TV |

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
4. THE INSTALLATION OF PROPOSED VIDEO DETECTION EQUIPMENT SHALL NECESSITATE THE REMOVAL OF EXISTING CABLES ASSOCIATED WITH THE PRESENCE LOOP DETECTORS BEING REPLACED BY VIDEO DETECTION.
5. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
6. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

LOG MILE 03004503.0

AT 60145185 (NEW) 10/14/04 MC

| REVISIONS | APPROVALS | REVISIONS |
|---|---|---|
| (C) INSTALL VIDEO DETECTION SHA NO. ~~80085185~~ 8/20/04 | ASSISTANT DIVISION CHIEF | |
| SWA | ASST. DISTRICT ENGINEER, TRAFFIC | |
| (B) INSTALL E/P LEFT-TURN PHASING ON MD 131 (SEMINARY AVENUE) 5/97 | CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION | |
| NML | DIRECTOR, OFFICE OF TRAFFIC & SAFETY | |
| (A) ADD PEDS ACROSS MD. 45 6/89 | ORIGINAL ON FILE | |
| DCD | | |

SABRA, WANG & ASSOCIATES, INC.
1604 70th AVENUE
SUITE 160
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

SHA MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 45 AND MD 131 (SEMINARY AVENUE)

| | | | | | |
|---|---|---|---|---|---|
| DATE: 5/78 | DRAWN BY: G.HARRIS | F.A.P. NO. | | PLAN SHEET NO. | SHEET NO. |
| SCALE: 1" = 20' | DESIGNED BY: G.HARRIS | S.H.A. NO. | 0385ST9506(041) | TS-1580XC | 1 OF |
| APPROVED BY: | CHECKED BY: | COUNTY | BALTIMORE | | |

FILE:n:\2002\2_2003-20*risk30\dgn*.dgn * g-599\md45and31.dgn
DATE:23-AUG-04 08:44

M:\94002\3084010.