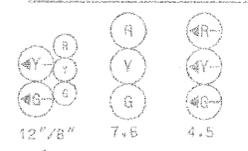
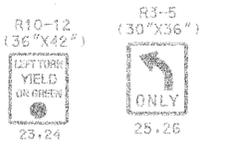


US 1 BUSINESS IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

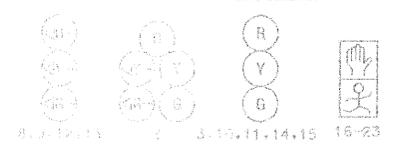
**PROPOSED SIGNALS**



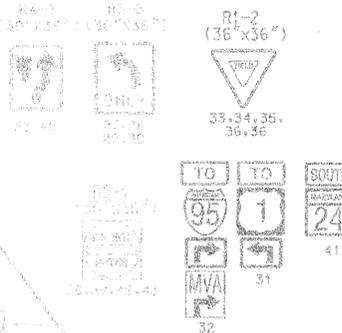
**PROPOSED SIGNS**



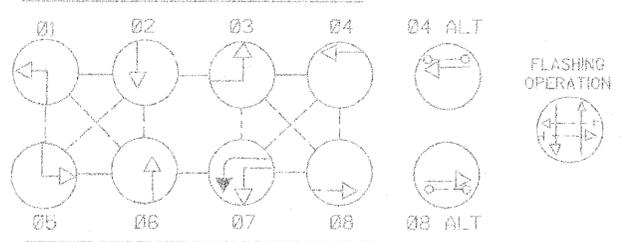
**EXISTING SIGNALS**



**EXISTING SIGNS**

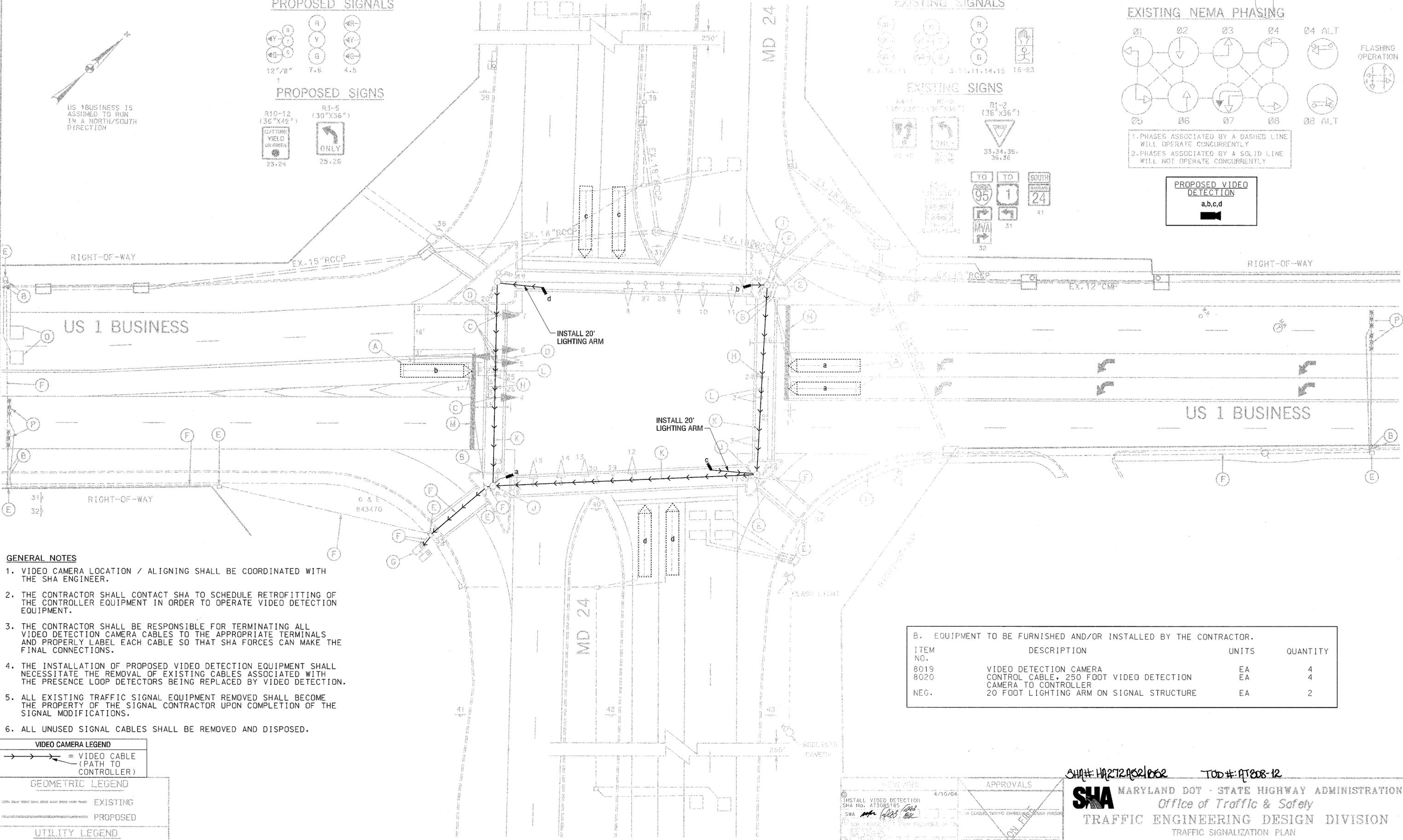


**EXISTING NEMA PHASING**

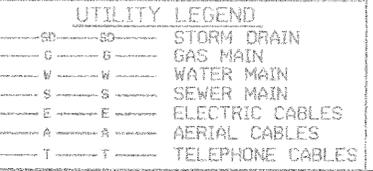
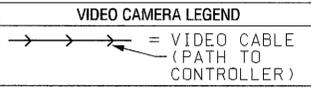


1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
 2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

**PROPOSED VIDEO DETECTION**  
 a,b,c,d



- 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.



| ITEM NO. | DESCRIPTION  | UNITS | QUANTITY |
|----------|--|-------|----------|
| 8019     | VIDEO DETECTION CAMERA                                       | EA    | 4        |
| 8020     | CONTROL CABLE, 250 FOOT VIDEO DETECTION CAMERA TO CONTROLLER | EA    | 4        |
| NEG.     | 20 FOOT LIGHTING ARM ON SIGNAL STRUCTURE                     | EA    | 2        |

**SABRA, WANG & ASSOCIATES, INC.**  
 1504 JOH AVENUE  
 SUITE 100  
 BALTIMORE, MD 21227  
 (410) 737-6564  
 WWW.SABRA-WANG.COM

**APPROVALS**

DESIGNED BY: [Signature] 4/10/04  
 CHECKED BY: [Signature]  
 DATE: [Signature]

APPROVED BY: [Signature]  
 DATE: [Signature]

SHA# HA272A021002 TOD#: AT208-12

**SHA** MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
 Office of Traffic & Safety  
 TRAFFIC ENGINEERING DESIGN DIVISION  
 TRAFFIC SIGNALIZATION PLAN  
**US 1 BUSINESS AT MD 24**

DRAWN BY: W. RICHARDSON  
 CHECKED BY: [Signature]  
 SCALE: 1"=20'  
 DATE: May 24, 1984

F.A.P. NO. H520-501-470  
 COUNTY: HARFORD  
 LOG MILE: 12130001.98

TS NO. 1947-XD  
 T.I.M.S. NO. D57  
 SHEET NO. OF

FILE: F:\02-12-2001-1201\Task 12.Dwg. 6/1/04 For US1busmd24.dwg