

DRILL HOLES

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US13B IS ASSUMED TO RUN IN THE NORTH/SOUTH DIRECTION

BORDER REV. DATE: June 1, 2004

EQUIPMENT LIST

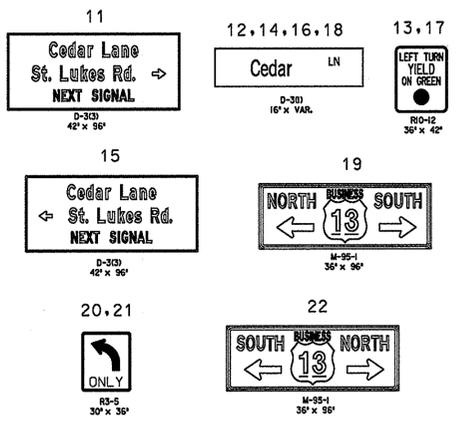
A. EQUIPMENT TO BE SUPPLIED BY S.H.A.

| ITEM NO. | DESCRIPTION  | QUANTITY |
|----------|--|----------|
| 9086     | Video detection interface equipment: 1-4 cameras (To be installed by signal shop). | 1 EA     |

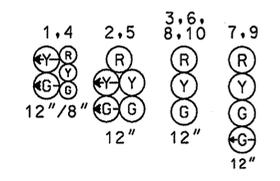
1 B. EQUIPMENT TO BE SUPPLIED BY S.H.A. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

| ITEM NO. | DESCRIPTION   | QUANTITY |
|----------|---|----------|
| 1001     | * - MOT has already been included on previous sheets.       | *        |
| 8004     | * - Remove and dispose has already been included on sheet 1 | *        |
| 8026     | Video detection camera                                      | 4 EA     |
| 8028     | Control cable, 500', video detection camera to controller   | 4 EA     |

EXISTING SIGNS



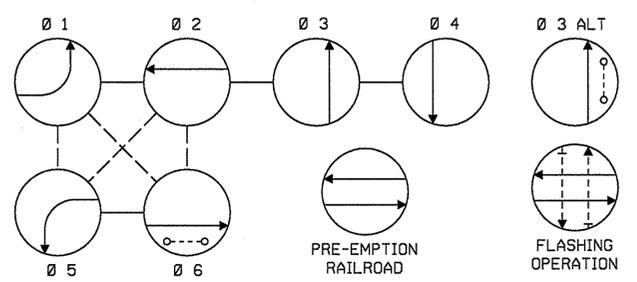
EXISTING SIGNALS



PROPOSED CAMERAS

◀ - VIDEO DETECTION CAMERA (A-D)

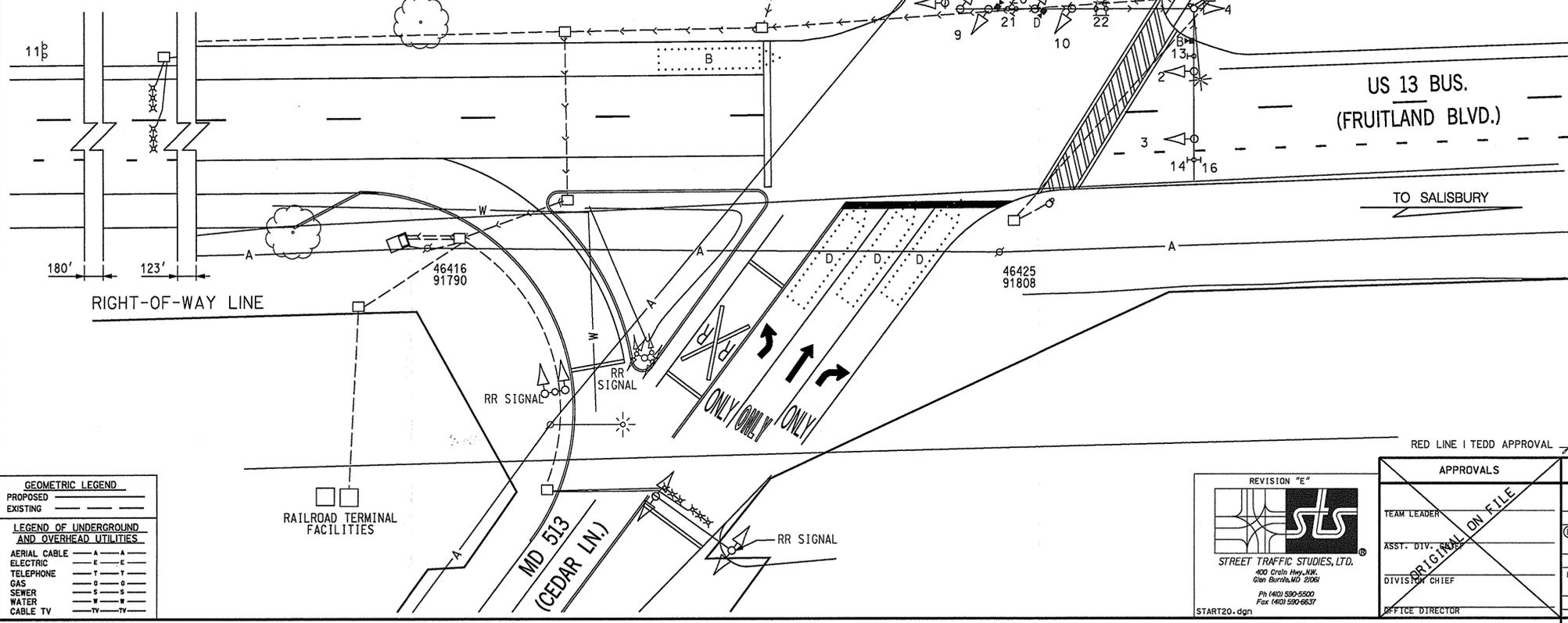
NEMA PHASING



**PHASING NOTES:**

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

**VIDEO CAMERA LEGEND**  
 → = VIDEO CABLE (PATH TO CONTROLLER)



**GENERAL NOTES**

- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
- 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.
- 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.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
- ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

**SHA** STATE OF MARYLAND  
 DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION

**US 13B & MD 513 (CEDAR LANE)  
 (FRUITLAND, MD)**

**GEOMETRIC LEGEND**  
 PROPOSED  
 EXISTING

**LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES**

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

RAILROAD TERMINAL FACILITIES

REVISION "E"

STREET TRAFFIC STUDIES, LTD.  
 400 Crain Hwy., N.W.  
 Gaithersburg, MD 20878  
 P.O. Box 280-2500  
 Fax: (410) 250-6637

RED LINE I TEDD APPROVAL *Jeff Mandel* 7/19/06

| APPROVALS        | REVISIONS   |
|------------------|---|
| TEAM LEADER      |   |
| ASST. DIV. CHIEF | ⑤ INSTALL REDLINE VIDEO DETECTION 6/06<br>SHA*ATT25185                  |
| DIVISION CHIEF   | ⑥ RELOC LOOP DETECTORS DUE TO GEOMETRIC IMPROVEMENTS 1/03/00<br>SW55682 |
| OFFICE DIRECTOR  |   |

| APPROVALS | REVISIONS |
|-----------|-----------|
| JWA       | JAH       |
| MAR       | WH        |
| BRK       | TH        |

| TRAFFIC SIGNAL PLAN |                     |                             |  |
|---------------------|---------------------|-----------------------------|--|
| SCALE 1"=20'        | DATE                | CONTRACT NO. WI-599-501-185 |  |
| DESIGNED BY         | COUNTY WICOMICO     |                             |  |
| DRAWN BY            | LOGMILE 22B01302.64 |                             |  |
| CHECKED BY          | TIMS NO. H426       |                             |  |
| F.A.P. NO.          | TOD NO.             |                             |  |
| TS NO. 1830E        | DRAWING NO. 3 OF 3  | SHEET NO. OF                |  |

PLOTTED: MONDAY, JULY 17, 2006 AT 4:46:58 PM  
FILE: 5142C.DGN