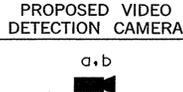
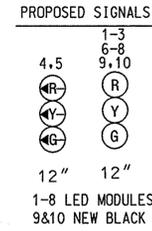
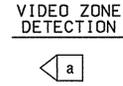
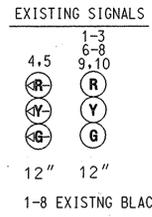


**SPECIAL NOTE:**  
 DISCONNECT EXISTING ELECTRICAL CABLES FROM EXISTING CABINET AND CONTROLLER TO BE REMOVED AND RE-CONNECT TO PROPOSED CABINET AND CONTROLLER. THE SIGNAL OUTAGE SHALL BE SCHEDULED DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.



MATCH LINE NN - THIS SHEET

MATCH LINE MM - SEE SHEET IC-06

MATCH LINE OO - SEE SHEET IC-08

MATCH LINE NN - THIS SHEET

**GENERAL NOTES**

1. PROPOSED HANDHOLES SHALL BE LOCATED A MAXIMUM 200 FT. APART.
2. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
3. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
4. THE CONTRACTOR SHALL VERIFY PROPOSED CABINET LOCATION PRIOR TO INSTALLATION.
5. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.

**CONSTRUCTION DETAILS**

- A. USE EXISTING CONDUIT. INSTALL FIBER OPTIC CABLE.
- B. USE EXISTING HANDHOLE. INSTALL FIBER OPTIC CABLE.
- D. INSTALL HANDHOLE. INSTALL FIBER OPTIC CABLE.
- E. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. INSTALL FIBER OPTIC CABLE.
- G. USE EXISTING MAST ARM POLE.
- H. USE EXISTING MAST ARM AND INSTALL VIDEO DETECTION CAMERA AS SHOWN.
- K. USE EXISTING CONDUIT.
- O. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED. INSTALL FIBER OPTIC CABLE.
- P. REMOVE EXISTING BASE MOUNTED CABINET AND CONTROLLER. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL. SHA SIGNAL SHOP SHALL BE NOTIFIED TO REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CABINET.
- Q. USE EXISTING HANDHOLE. DISCONNECT AND PULL BACK EXISTING SIGNAL CABLES FROM EXISTING BASE MOUNTED CABINET AND RE-FEED IN NEW CONDUIT TO PROPOSED BASE MOUNTED CABINET. INSTALL FIBER OPTIC CABLE.
- R. INSTALL NEMA SIZE "6" BASE MOUNTED CONTROLLER AND CABINET WITH CONCRETE PAD. INSTALL 12-PAIR COMMUNICATION CABLE. (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN CABINET BASE.)
- S. INSTALL BASE MOUNTED METERED SERVICE PEDESTAL WITH 2-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS IN PEDESTAL BASE.
- T. INSTALL 4 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED.
- U. INSTALL 4 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE.
- V. INSTALL 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE.
- W. INSTALL 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND TELEPHONE SERVICE.
- X. CAP AND ABANDON EXISTING CONDUIT.
- Y. REPLACE EXISTING SIGNAL HEAD WITH NEW BLACK FACED LED SIGNAL HEAD
- Z. INSTALL NEW LED MODULE IN EXISTING BLACK FACED SIGNAL HEAD
- AA. SIGNAL OPERATIONS SECTION TO INSTALL ALL CONTRACTOR SUPPLIED FIBER OPTIC EQUIPMENT IN EXISTING TRAFFIC SIGNAL CABINET



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SHA No: PG591A53/D53  
 TOD No: AT914-07  
 US 301: Trade Zone Avenue to  
 Marlboro Square Shopping Center

**SHA** STATE OF MARYLAND  
 DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION  
 OFFICE OF TRAFFIC & SAFETY  
 TRAFFIC ENGINEERING DESIGN DIVISION  
 U.S. 301 (Crain Highway) from  
 Trade Zone Avenue to Marlboro Square Shopping Center

INTERCONNECT PLAN			
SCALE	1" = 40'	DATE	3/26/2008
		CONTRACT NO.	AT9145185
DESIGNED BY	S. Bloss	COUNTY	Prince George's
DRAWN BY	S. Bloss	LOGMILE	
CHECKED BY	N. Leary	TIMS NO.	H402
FAP NO.		TOD NO.	
TS NO.	DRAWING IC-07-IC-07 OF IC-12	SHEET NO.	7 OF 12

PLOTTED: Wednesday, April 30, 2008 at 1:02:26 PM  
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