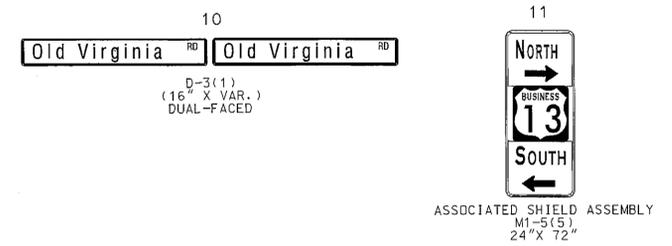
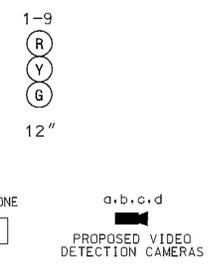


US 13 (BUS) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

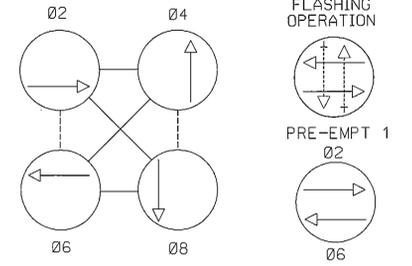
**PROPOSED SIGNS**



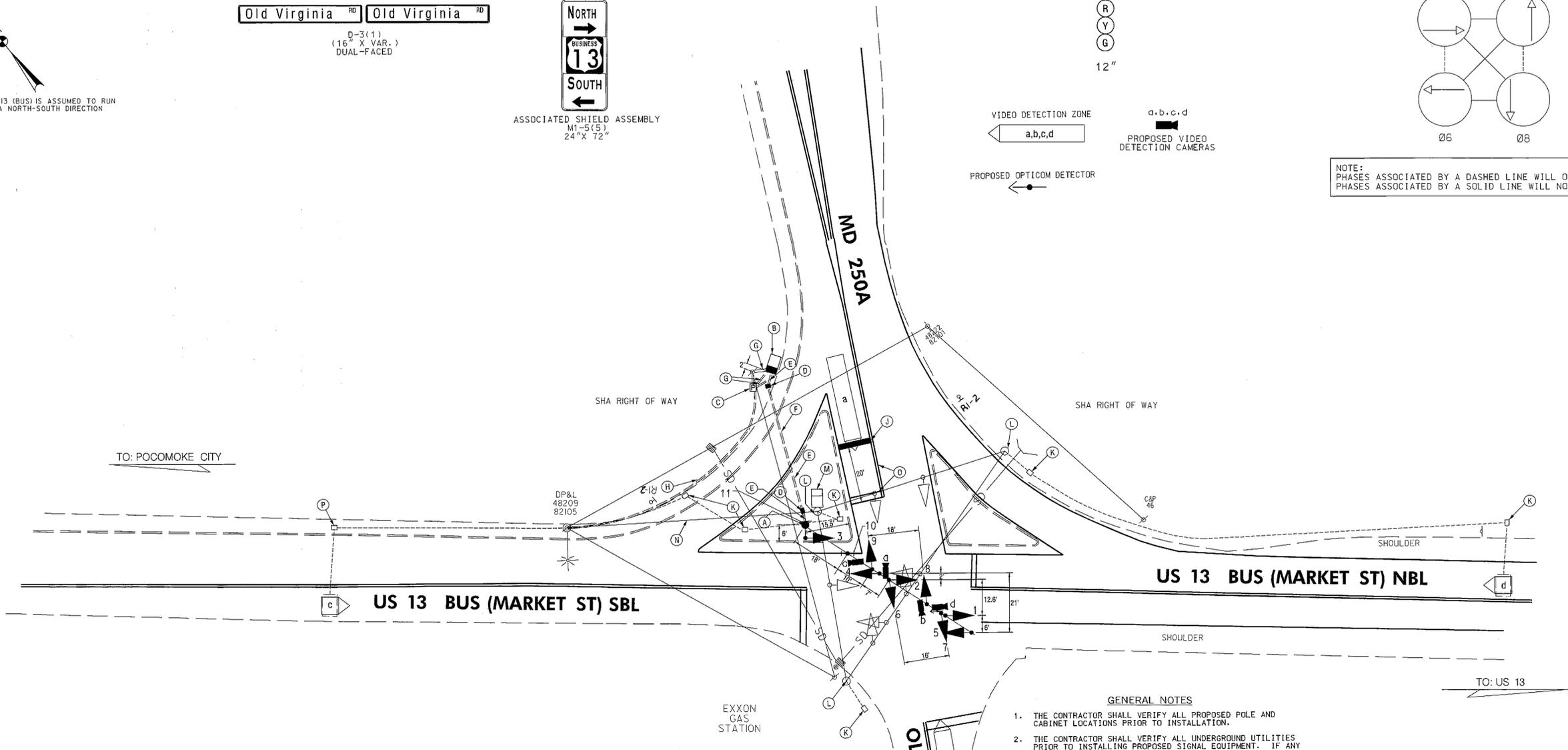
**PROPOSED SIGNALS**



**NEMA PHASING**



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



**CONSTRUCTION DETAILS**

- A. INSTALL 16.5' STEEL POLE WITH 15' "T" DIMENSION WITH 70' MAST ARM, LED TRAFFIC SIGNAL HEADS, SIGN, SHIELD ASSEMBLY, POLE-MOUNTED LED SIGNAL HEAD AND VIDEO DETECTION CAMERAS (NOTE: 1-4" 90° PVC SCHEDULE 80 BEND).
- B. INSTALL NEMA SIZE "6" BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT.
- C. INSTALL METERED PEDESTAL FOR ELECTRICAL UTILITY SERVICE.
- D. INSTALL HANDHOLE.
- E. INSTALL 4" SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED.
- F. INSTALL 4" SCHEDULE 80 PVC ELECTRICAL CONDUIT - BORED.
- G. INSTALL 2" SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED.
- H. INSTALL 3" PVC ELECTRICAL CONDUIT STUB UP AT LEAST 1' ABOVE GRADE AT BASE OF UTILITY POLE FOR UNDERGROUND ELECTRICAL SERVICE BY DP&L.
- J. INSTALL 24" WHITE HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING.
- K. REMOVE HANDHOLE CAP AND ABANDON CONDUIT.
- L. REMOVE EXISTING STRAIN POLES, AND ALL ASSOCIATED SIGNAL EQUIPMENT REMOVE FOUNDATION 12" BELOW GRADE.
- M. REMOVE EXISTING CONCRETE STEPS 12" BELOW GRADE.
- N. OVERHEAD SERVICE TO BE REMOVED BY DP&L.
- O. REMOVE EXISTING PAVEMENT MARKINGS.
- P. REMOVE HANDHOLE, CAP AND ABANDON EXISTING CONDUIT AND REPLACE SIDEWALK IN KIND.

**GENERAL NOTES**

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
2. 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.
3. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, AND THE HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD STD. 816.03, MD STD. 818.01, MD 818.02, AND MD STD. 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL PROPOSED SIGNAL EQUIPMENT.
4. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
5. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING UNUSED CABLES FROM EXISTING HANDHOLES AND CONDUITS UTILIZED FOR REVISION "D".
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND FOR PROPERLY LABELING EACH CABLE.
7. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
8. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS.

TOD NO: XX661-01  
SHA NO: W0209B51  
US 13 Bus. @ MD 250A/Old Virginia Rd

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
US 13 BUS (MARKET ST.) AT  
MD 250A /OLD VIRGINIA ROAD  
POCOMOKE CITY, MD

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
F	FIBER-OPTIC

**CENTURY ENGINEERING**  
CONSULTING ENGINEERS - PLANNERS  
10710 GILROY ROAD  
HUNT VALLEY, MD 21031  
Revision 'D' CEI # 101195.38

APPROVALS	REVISIONS
<p>ORIGINALS</p> <p>FILE</p>	<p>② SIGNAL RECONSTRUCTION 5/13/2011</p> <p>TIMS NO. K-809 CONTRACT NO. XX6610185</p> <p>JWAB 10/11/11</p> <p>① REPLACE LOOP DETECTION WITH VIDEO DETECTION SHA NO. AT 7829185 9/11/06</p> <p>SWA 1 DBS</p> <p>③ TRAFFIC SIGNAL MODIFICATION</p> <p>SHA NO. AT 9095185 2/25/08</p> <p>SWA 1 DBS</p>

SIGNALIZATION PLAN SHEET			
SCALE 1" = 20'	ADVERTISED DATE 7-27-06	CONTRACT NO. W0533-501-185	
DESIGNED BY B.THOMPSON	COUNTY WORCESTER		
DRAWN BY B.THOMPSON	LOGMILE 23R11300.50		
CHECKED BY A.BUDRICHUK	TIMS NO. 1093		
F.A.P. NO. SEE TITLE SHEET	TOD NO.		
TS NO. 1441E	DRAWING SG - 1 OF 2	SHEET NO. 1 OF 2	