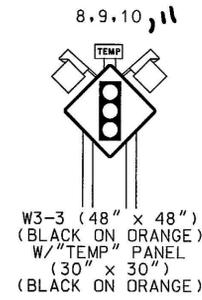
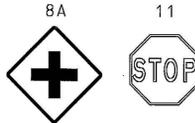


MD 648 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

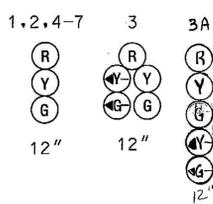
PROPOSED SIGNS



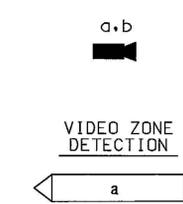
EXISTING SIGNS TO BE COVERED



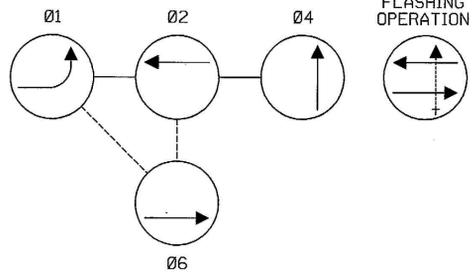
PROPOSED SIGNALS



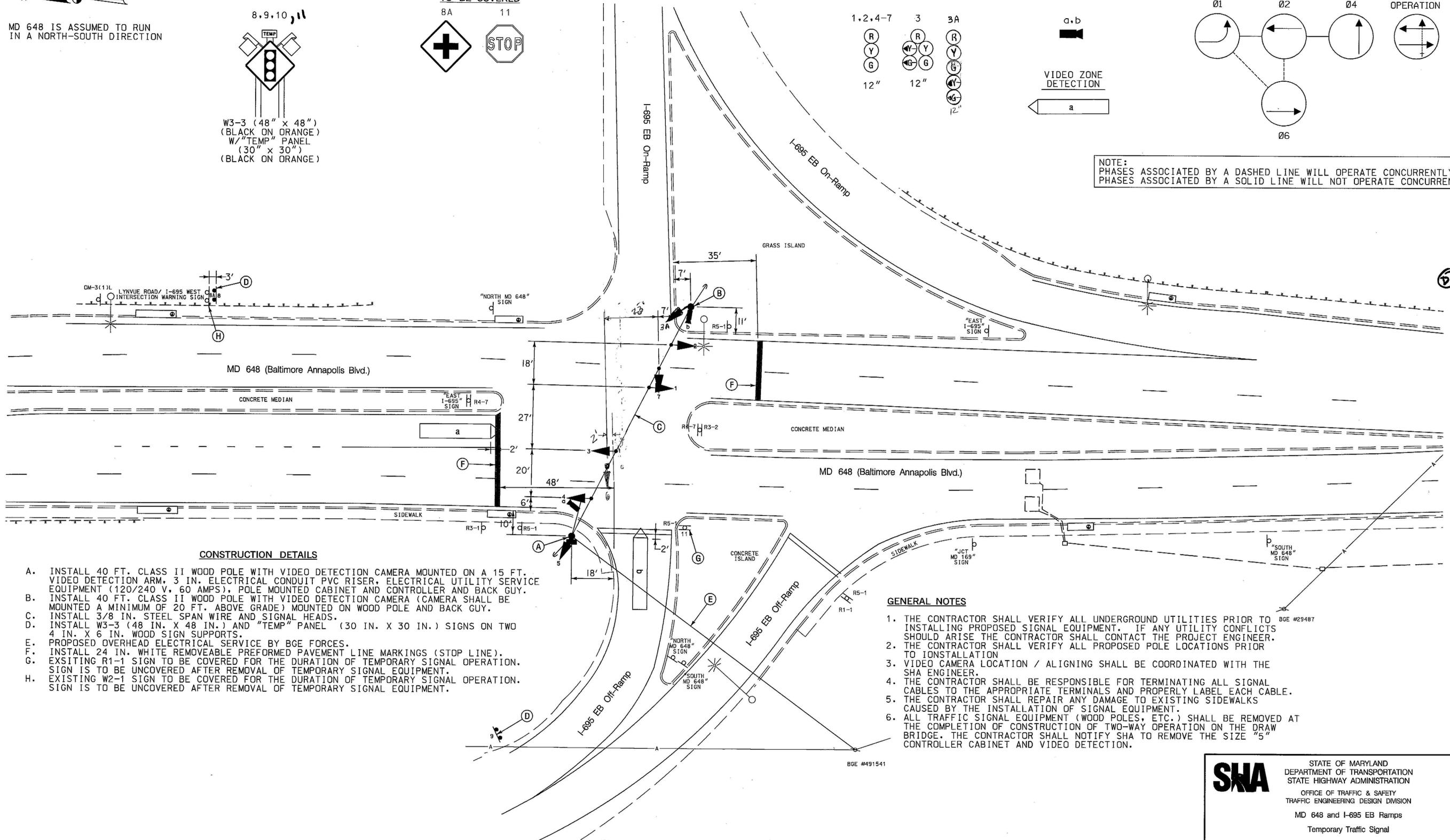
PROPOSED VIDEO DETECTION CAMERA



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 40 FT. CLASS II WOOD POLE WITH VIDEO DETECTION CAMERA MOUNTED ON A 15 FT. VIDEO DETECTION ARM, 3 IN. ELECTRICAL CONDUIT PVC RISER, ELECTRICAL UTILITY SERVICE EQUIPMENT (120/240 V, 60 AMPS), POLE MOUNTED CABINET AND CONTROLLER AND BACK GUY.
- B. INSTALL 40 FT. CLASS II WOOD POLE WITH VIDEO DETECTION CAMERA (CAMERA SHALL BE MOUNTED A MINIMUM OF 20 FT. ABOVE GRADE) MOUNTED ON WOOD POLE AND BACK GUY.
- C. INSTALL 3/8 IN. STEEL SPAN WIRE AND SIGNAL HEADS.
- D. INSTALL W3-3 (48 IN. X 48 IN.) AND "TEMP" PANEL (30 IN. X 30 IN.) SIGNS ON TWO 4 IN. X 6 IN. WOOD SIGN SUPPORTS.
- E. PROPOSED OVERHEAD ELECTRICAL SERVICE BY BGE FORCES.
- F. INSTALL 24 IN. WHITE REMOVEABLE PREFORMED PAVEMENT LINE MARKINGS (STOP LINE).
- G. EXISTING R1-1 SIGN TO BE COVERED FOR THE DURATION OF TEMPORARY SIGNAL OPERATION. SIGN IS TO BE UNCOVERED AFTER REMOVAL OF TEMPORARY SIGNAL EQUIPMENT.
- H. EXISTING W2-1 SIGN TO BE COVERED FOR THE DURATION OF TEMPORARY SIGNAL OPERATION. SIGN IS TO BE UNCOVERED AFTER REMOVAL OF TEMPORARY SIGNAL EQUIPMENT.

GENERAL NOTES

1. 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.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
3. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
5. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.
6. ALL TRAFFIC SIGNAL EQUIPMENT (WOOD POLES, ETC.) SHALL BE REMOVED AT THE COMPLETION OF CONSTRUCTION OF TWO-WAY OPERATION ON THE DRAW BRIDGE. THE CONTRACTOR SHALL NOTIFY SHA TO REMOVE THE SIZE "5" CONTROLLER CABINET AND VIDEO DETECTION.

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

APPROVALS	
TEAM LEADER	<i>[Signature]</i> 12-21-09
ASST. DIR. CHIEF	<i>[Signature]</i> 12-21-2009
DIVISION CHIEF	<i>[Signature]</i> 12/21
OFFICE DIRECTOR	<i>[Signature]</i>

REVISIONS	

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 648 and I-695 EB Ramps
Temporary Traffic Signal

TRAFFIC SIGNALIZATION PLAN			
SCALE	1" = 20'	ADVERTISED DATE	12/18/2009
CONTRACT NO.	AT9135195		
DESIGNED BY	B. DONOWAY	COUNTY	Baltimore
DRAWN BY	B. DONOWAY	LOGMILE	02E64806.43
CHECKED BY	N. LEARY	TMS NO.	K275
F.A.P. NO.		TOD NO.	
TS NO.	4745	DRAWING	TSP - 2 OF 3
SHEET NO.	2 OF 3		