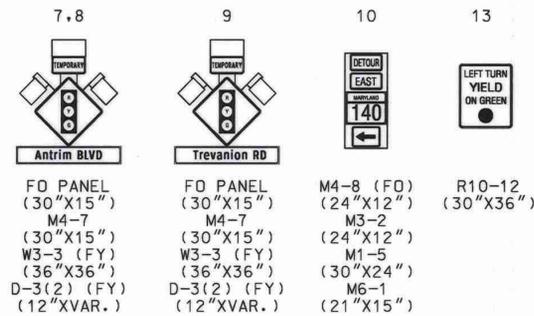
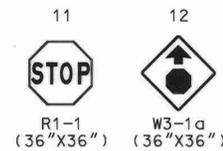


TREVANION ROAD IS ASSUMED TO RUN IN A EAST-WEST DIRECTION

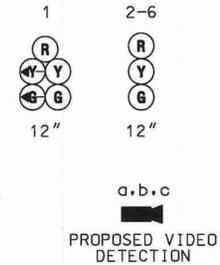
PROPOSED SIGNS



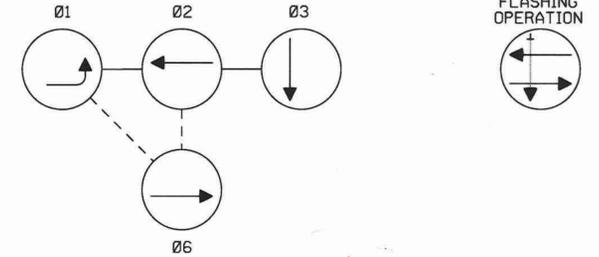
EXISTING SIGN TO BE COVERED



PROPOSED LED SIGNALS



NEMA PHASING



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

SPECIAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING THE INTERSECTION OF TREVANION ROAD & ANTRIM BOULEVARD VIA FLAGGING OPERATION IN THE EVENT OF A POWER FAILURE. REFER TO CONTRACT SPECIFICATIONS FOR FURTHER DETAILS.
2. REFER TO THE MOT PLANS FOR LOCATIONS OF BARRIER PROTECTION.

CONSTRUCTION DETAILS

- INSTALL 40 FT. WOOD POLE WITH NEMA SIZE 5 POLE MOUNTED TRAFFIC SIGNAL CABINET, TRAFFIC SIGNAL CONTROLLER, 15 FT. LIGHTING BRACKET ARM, 12-3 INCH PVC CONDUIT RISERS WITH WEATHERHEADS, ELECTRICAL UTILITY SERVICE EQUIPMENT FOR OVERHEAD POWER FEED, BACKGUY, ANCHOR ASSEMBLIES AND VIDEO DETECTION CAMERAS. THE VIDEO DETECTION CAMERAS WILL BE MOUNTED ON THE 15 FT LIGHTING BRACKET ARM. **INSTALL 1/4 INCH GALVANIZED CONDUIT RISER FOR OVERHEAD POWER FEED.**
- INSTALL 40 FT. WOOD POLE WITH 10 FT. LIGHTING BRACKET ARM, VIDEO DETECTION CAMERA, 250 WATT HPS LUMINAIRE WITH PHOTOCCELL, BACKGUY AND ANCHOR ASSEMBLIES. VIDEO DETECTION CAMERA SHALL BE INSTALLED ON THE 10 FT. LIGHTING BRACKET ARM.
- INSTALL 3/8" STEEL SPAN WIRE WITH 1/4" TETHER SPAN WIRE, SIGN AND SIGNAL HEADS TO PROPOSED WOOD POLES. SIGNAL HEADS AND SIGN SHALL REMAIN COVERED UNTIL THE SIGNAL IS OPERATIONAL.
- OVERHEAD POWER FEED BY ALLEGHANY POWER.
- VIDEO TRAFFIC DETECTION ZONE.
- INSTALL 24 INCH WHITE REMOVABLE PREFORMED PAVEMENT MARKING LINE. THE PAVEMENT MARKINGS SHALL BE REMOVED WHEN THE TEMPORARY TRAFFIC SIGNAL IS NO LONGER IN OPERATION.
- INSTALL GROUND MOUNTED SIGN ON 4"x6" WOODEN POST. SIGNS SHALL BE REMOVED WHEN SIGNAL IS NO LONGER IN OPERATION.
- COVER EXISTING SIGN WHEN TEMPORARY TRAFFIC SIGNAL IS IN OPERATION. THE SIGN SHALL REMAIN COVERED UNTIL THE TEMPORARY TRAFFIC SIGNAL IS NO LONGER IN OPERATION. THE STREET NAME SIGNS ON THE STOP SIGN SHALL REMAIN VISIBLE THROUGHOUT THE DURATION OF THE PROJECT.
- COVER EXISTING PAVEMENT MARKINGS WITH 12" REMOVABLE BLACK TAPE. REMOVE BLACK TAPE WHEN TEMPORARY SIGNAL IS NO LONGER IN OPERATION. A NEW STOP BAR SHALL BE INSTALLED IN THE EXISTING LOCATION USING 24" WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKINGS WHEN THE BLACK TAPE IS REMOVED. ONCE BLACK TAPE IS REMOVED FROM CENTERLINES AND EDGE LINES THE CONTRACTOR SHALL REPAINT THE LINES THAT WERE COVERED USING 5" WATERBOURNE PAVEMENT MARKING PAINT (YELLOW FOR CENTERLINES, WHITE FOR EDGE LINES AND LANE LINES).
- INSTALL ELECTRICAL HANDHOLE.
- INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- PROPOSED OVERHEAD PHONE DROP.

SEE GENERAL INFORMATION SHEET FOR GENERAL NOTES

INSTALL SIGN 250' FROM STOP LINE

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

BY: BUG

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
TREVANION ROAD @ ANTRIM BOULEVARD
TEMPORARY SIGNAL
TANETOWN, MARYLAND

2 REDLINE REVISION NO. 2

3008
Wanda W. ... 7/2/08

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CONSULTING ENGINEERS
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BALTIMORE, MARYLAND 21217
TEL: (410) 728-2900 FAX: (410) 383-3270

APPROVALS		TRAFFIC SIGNAL PLAN	
DESIGNED BY	B.GRANDIZO	COUNTY	CARROLL
DRAWN BY	B.GRANDIZO	LOGMILE	N/A
CHECKED BY	D.EBY	TIMS NO.	H545
FAP NO.		TOD NO.	
SCALE	1"=20'	DATE	11/09/2007
CONTRACT NO.	CL6955184		
TS NO.	4829	DRAWING	SG - 1 OF 2
		SHEET NO.	211 OF 283