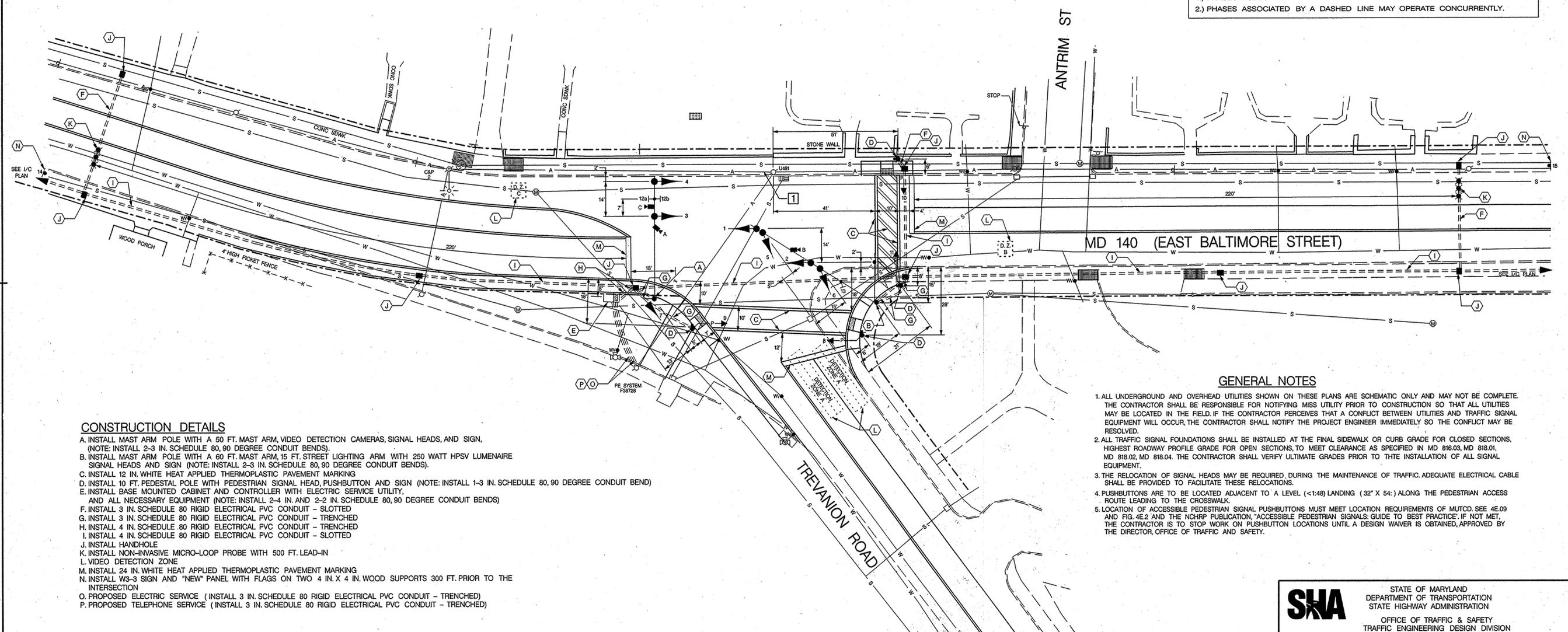
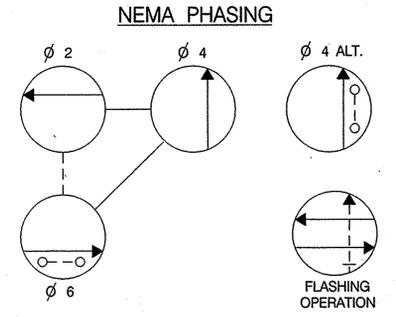
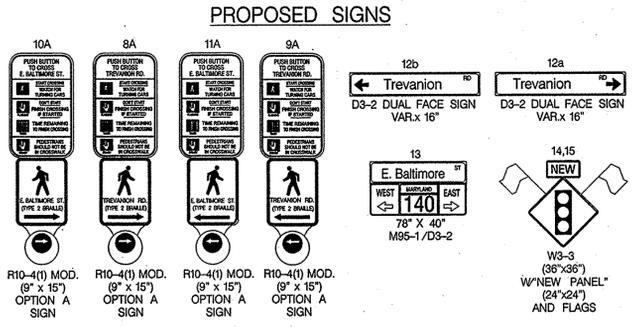


DRILL HOLES

DRILL HOLES

DRILL HOLES

MD 140 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION



CONSTRUCTION DETAILS

- A. INSTALL MAST ARM POLE WITH A 50 FT. MAST ARM, VIDEO DETECTION CAMERAS, SIGNAL HEADS, AND SIGN. (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS).
- B. INSTALL MAST ARM POLE WITH A 60 FT. MAST ARM, 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE SIGNAL HEADS AND SIGN (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS).
- C. INSTALL 12 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
- D. INSTALL 10 FT. PEDESTAL POLE WITH PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BEND)
- E. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ELECTRIC SERVICE UTILITY, AND ALL NECESSARY EQUIPMENT (NOTE: INSTALL 2-4 IN. AND 2-2 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- F. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - SLOTTED
- G. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
- H. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
- I. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - SLOTTED
- J. INSTALL HANDHOLE
- K. INSTALL NON-INVASIVE MICRO-LOOP PROBE WITH 500 FT. LEAD-IN
- L. VIDEO DETECTION ZONE
- M. INSTALL 24 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
- N. INSTALL W3-3 SIGN AND "NEW" PANEL WITH FLAGS ON TWO 4 IN. X 4 IN. WOOD SUPPORTS 300 FT. PRIOR TO THE INTERSECTION
- O. PROPOSED ELECTRIC SERVICE (INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED)
- P. PROPOSED TELEPHONE SERVICE (INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED)

GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
2. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCE AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
3. THE RELOCATION OF SIGNAL HEADS MAY BE REQUIRED DURING THE MAINTENANCE OF TRAFFIC. ADEQUATE ELECTRICAL CABLE SHALL BE PROVIDED TO FACILITATE THESE RELOCATIONS.
4. PUSHBUTTONS ARE TO BE LOCATED ADJACENT TO A LEVEL (<1:48) LANDING (32" X 54") ALONG THE PEDESTRIAN ACCESS ROUTE LEADING TO THE CROSSWALK.
5. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD, SEE 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE." IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

UTILITY HEIGHTS

1	GLY = 19' - 0"
	GLY = 20' - 9"
	TELEPHONE = 22' - 1"
	TELEPHONE = 25' - 2"
	PRIMARY > 35' - 0"

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APPROVALS	REVISIONS
<i>[Signature]</i> 1/10/07 TRAF. CHIEF	
<i>[Signature]</i> 1-10-07 ASST. DIR. CHIEF	
<i>[Signature]</i> 1-11-07 DESIGN CHIEF	
<i>[Signature]</i> 1/11 OFFICE DIRECTOR	

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION

MD 140 (EAST BALTIMORE ST) AND TREVANION ROAD TANEYTOWN, MARYLAND

SCALE 1" = 20' DATE 11-03-06 CONTRACT NO. CL6955185

DESIGNED BY T. ZAYDEL COUNTY CARROLL
 DRAWN BY T. ZAYDEL LOGMILE 06014021.18
 CHECKED BY K. SCHMID T.I.M.S. NO. H 545
 F.A.P. NO. TOD NO.

DRAWING NO. Ts 45/8 SHEET NO. OF