DRILL HOLES

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MD 322 IS ASSUMED TO RUN
IN A NORTH–SOUTH DIRECTION

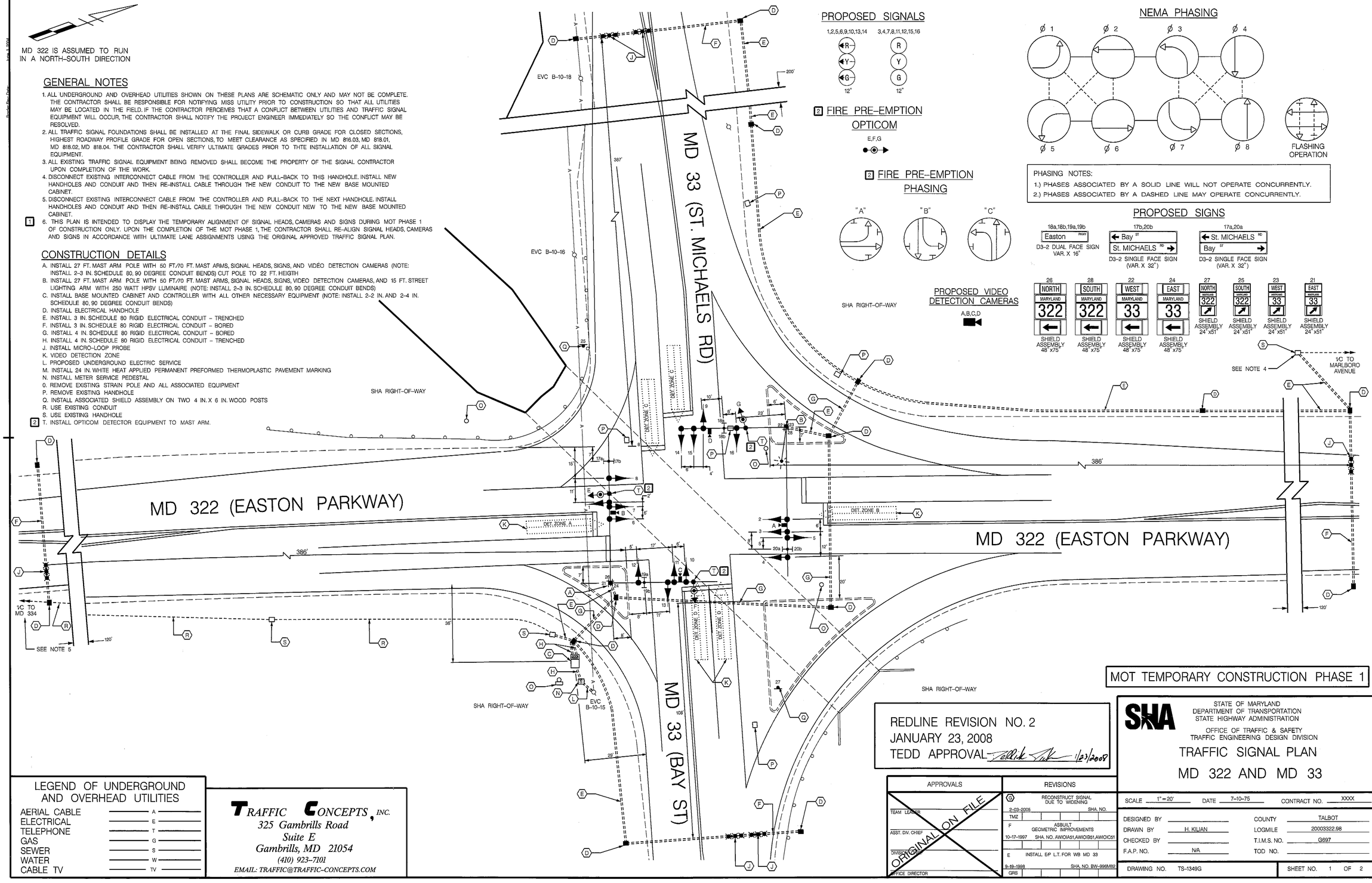
GENERAL NOTES

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 THTE INSTALLATION OF ALL SIGNAL EQUIPMENT.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT BEING REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE WORK.
4. DISCONNECT EXISTING INTERCONNECT CABLE FROM THE CONTROLLER AND PULL–BACK TO THIS HANDHOLE. INSTALL NEW HANDHOLES AND CONDUIT AND THEN RE–INSTALL CABLE THROUGH THE NEW CONDUIT TO THE NEW BASE MOUNTED CABINET.
5. DISCONNECT EXISTING INTERCONNECT CABLE FROM THE CONTROLLER AND PULL–BACK TO THE NEXT HANDHOLE. INSTALL HANDHOLES AND CONDUIT AND THEN RE–INSTALL CABLE THROUGH THE NEW CONDUIT NEW TO THE NEW BASE MOUNTED CABINET.

[1] 6. THIS PLAN IS INTENDED TO DISPLAY THE TEMPORARY ALIGNMENT OF SIGNAL HEADS, CAMERAS AND SIGNS DURING MOT PHASE 1 OF CONSTRUCTION ONLY. UPON THE COMPLETION OF THE MOT PHASE 1, THE CONTRACTOR SHALL RE–ALIGN SIGNAL HEADS, CAMERAS AND SIGNS IN ACCORDANCE WITH ULTIMATE LANE ASSIGNMENTS USING THE ORIGINAL APPROVED TRAFFIC SIGNAL PLAN.

CONSTRUCTION DETAILS

A. INSTALL 27 FT. MAST ARM POLE WITH 50 FT./70 FT. MAST ARMS, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERAS (NOTE: INSTALL 2–3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS) CUT POLE TO 22 FT. HEIGTH
B. INSTALL 27 FT. MAST ARM POLE WITH 50 FT./70 FT. MAST ARMS, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 2–3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
C. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL OTHER NECESSARY EQUIPMENT (NOTE: INSTALL 2–2 IN. AND 2–4 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
D. INSTALL ELECTRICAL HANDHOLE
E. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT – TRENCHED
F. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT – BORED
G. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT – BORED
H. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT – TRENCHED
J. INSTALL MICRO–LOOP PROBE
K. VIDEO DETECTION ZONE
L. PROPOSED UNDERGROUND ELECTRIC SERVICE
M. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
N. INSTALL METER SERVICE PEDESTAL
O. REMOVE EXISTING STRAIN POLE AND ALL ASSOCIATED EQUIPMENT
P. REMOVE EXISTING HANDHOLE
Q. INSTALL ASSOCIATED SHIELD ASSEMBLY ON TWO 4 IN. X 6 IN. WOOD POSTS
R. USE EXISTING CONDUIT
S. USE EXISTING HANDHOLE
[2] T. INSTALL OPTICOM DETECTOR EQUIPMENT TO MAST ARM.



PROPOSED SIGNALS

[2] FIRE PRE–EMPTION OPTICOM

E,F,G

[2] FIRE PRE–EMPTION PHASING

NEMA PHASING

PHASING NOTES:
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

PROPOSED SIGNS

PROPOSED VIDEO DETECTION CAMERAS

A,B,C,D

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

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REDLINE REVISION NO. 2
JANUARY 23, 2008
TEDD APPROVAL 1/23/2008

MOT TEMPORARY CONSTRUCTION PHASE 1

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

0	RECONSTRUCT SIGNAL DUE TO WIDENING		
2–03–2005	TMZ	SHA, NO.	
F	ASBUILT GEOMETRIC IMPROVEMENTS		
10–17–1997	SHA. NO. AWOIA51,AWOIB51,AWOIC51		
E	INSTALL E/P L.T. FOR WB MD 33		
9–19–1996	GRS	SHA. NO. BW–996M82	

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

TRAFFIC SIGNAL PLAN
MD 322 AND MD 33

SCALE	1" = 20'	DATE	7–10–75
CONTRACT NO.	XXXX		
DESIGNED BY		COUNTY	TALBOT
DRAWN BY	H. KILIAN	LOGMILE	20003322.98
CHECKED BY		T.I.M.S. NO.	G697
F.A.P. NO.	N/A	TOD NO.	
DRAWING NO.	TS–1349G	SHEET NO.	1 OF 2

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