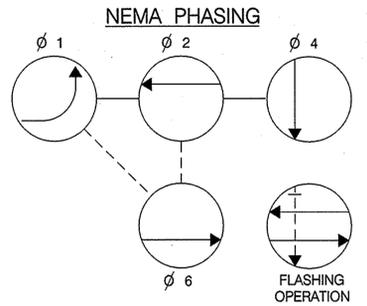
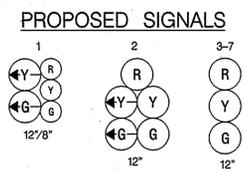
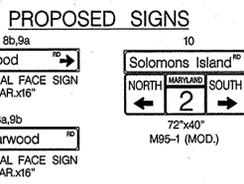
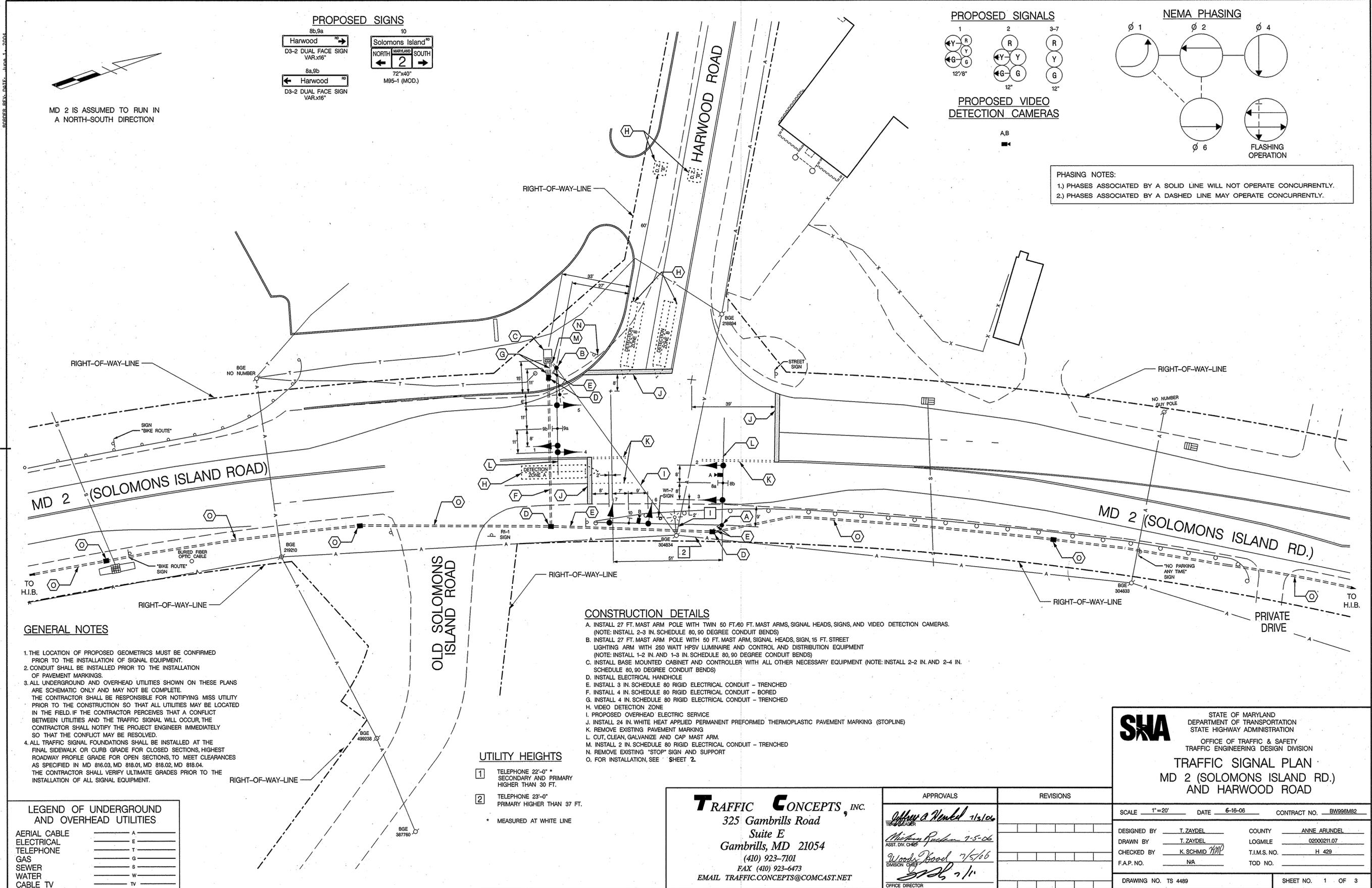


DRILL HOLES

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PHASING NOTES:

1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

GENERAL NOTES

1. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
2. CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
3. 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 THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
4. 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 CLEARANCES AS SPECIFIED IN MD 816.03, MD 816.01, MD 816.02, MD 816.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

CONSTRUCTION DETAILS

1. INSTALL 27 FT. MAST ARM POLE WITH TWIN 50 FT. MAST ARMS, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERAS. (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
2. INSTALL 27 FT. MAST ARM POLE WITH 50 FT. MAST ARM, SIGNAL HEADS, SIGN, 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE AND CONTROL AND DISTRIBUTION EQUIPMENT (NOTE: INSTALL 1-2 IN. AND 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
3. 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)
4. INSTALL ELECTRICAL HANDHOLE
5. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
6. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
7. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
8. VIDEO DETECTION ZONE
9. PROPOSED OVERHEAD ELECTRIC SERVICE
10. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOPLINE)
11. REMOVE EXISTING PAVEMENT MARKING
12. CUT, CLEAN, GALVANIZE AND CAP MAST ARM.
13. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
14. REMOVE EXISTING "STOP" SIGN AND SUPPORT
15. FOR INSTALLATION, SEE SHEET 2.

UTILITY HEIGHTS

- 1 TELEPHONE 22'-0" * SECONDARY AND PRIMARY HIGHER THAN 30 FT.
 - 2 TELEPHONE 23'-0" PRIMARY HIGHER THAN 37 FT.
- * MEASURED AT WHITE LINE

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<i>Michael R. Ruck</i> 7-5-06 ASST. DIV. CHIEF	
<i>Wanda D. Dwyer</i> 7/5/06 DIVISION CHIEF	
<i>[Signature]</i> 7/11 OFFICE DIRECTOR	

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN
 MD 2 (SOLOMONS ISLAND RD.)
 AND HARWOOD ROAD

SCALE 1"=20' DATE 6-16-06 CONTRACT NO. BW996M82

DESIGNED BY T. ZAYDEL	COUNTY ANNE ARUNDEL
DRAWN BY T. ZAYDEL	LOGMILE 02000211.07
CHECKED BY K. SCHMID	T.I.M.S. NO. H 429
F.A.P. NO. N/A	TOD NO.

DRAWING NO. TS 4489 SHEET NO. 1 OF 3