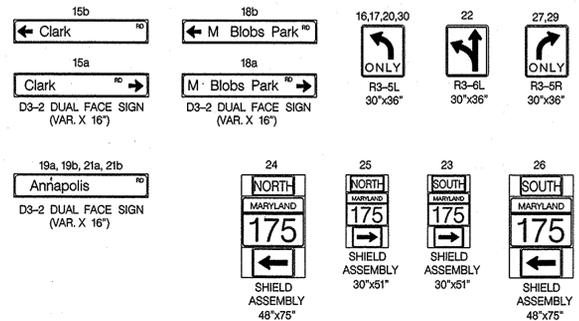


DRILL HOLES

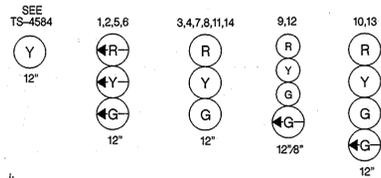
DRILL HOLES

DRILL HOLES

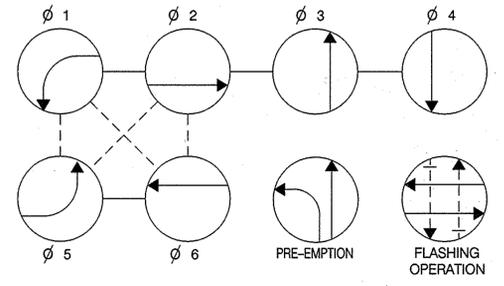
PROPOSED SIGNS



PROPOSED SIGNALS



NEMA PHASING

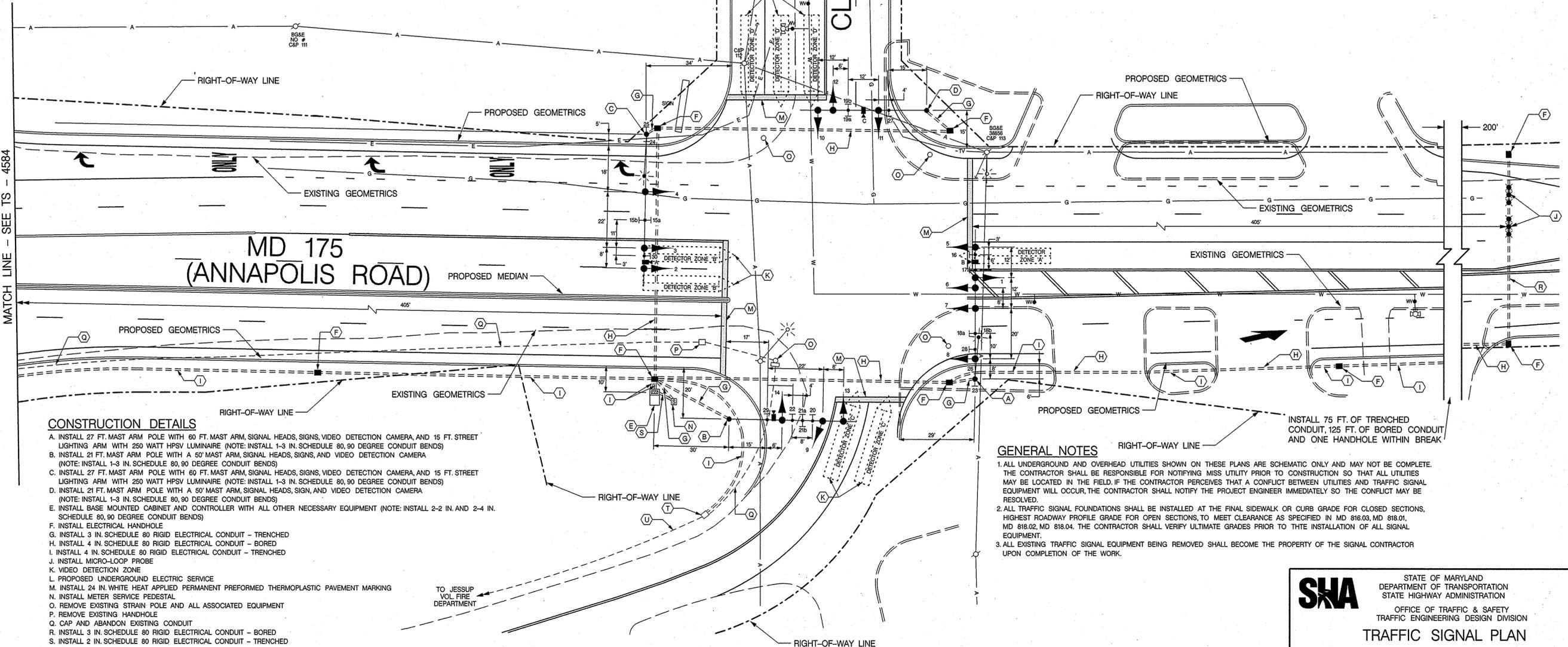


PHASING NOTES:
 1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
 2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

PROPOSED VIDEO DETECTION CAMERA

A-D

MD 175 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



CONSTRUCTION DETAILS

- A. INSTALL 27 FT. MAST ARM POLE WITH 60 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- B. INSTALL 21 FT. MAST ARM POLE WITH A 50' MAST ARM, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERA (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- C. INSTALL 27 FT. MAST ARM POLE WITH 60 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- D. INSTALL 21 FT. MAST ARM POLE WITH A 50' MAST ARM, SIGNAL HEADS, SIGN, AND VIDEO DETECTION CAMERA (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- E. 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)
- F. INSTALL ELECTRICAL HANDHOLE
- G. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
- H. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
- I. 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. CAP AND ABANDON EXISTING CONDUIT
- R. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
- S. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
- T. USE EXISTING HANDHOLE
- U. USE EXISTING CONDUIT

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. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT BEING REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE WORK.

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
 MD 175 AND CLARK RD/BLOBS PARK RD.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

TRAFFIC **C**ONCEPTS, INC.
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 FAX (410) 923-6473
 EMAIL TRAFFIC.CONCEPTS@COMCAST.NET

APPROVALS	REVISIONS
TEAM LEADER	5-9-07 RECONSTRUCT SIGNAL DUE TO GEOMETRIC IMPROVEMENTS
ASST. DIV. CHIEF	6-2-06 REPLACE POLE DUE TO WIDENING
DIVISION CHIEF	2-9-06
OFFICE DIRECTOR	6-29-78

SCALE 1"=20'	DATE 6-9-76	CONTRACT NO.
DESIGNED BY D.DODA	COUNTY ANNE ARUNDEL	
DRAWN BY D.DODA	LOGMILE 02017508.19	
CHECKED BY A.BUDNICHUK	T.I.M.S. NO. I-395	
F.A.P. NO. NA	TOD NO.	
DRAWING NO. TS-1419C	SHEET NO. 1 OF 2	