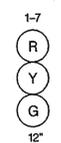


MD 25 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

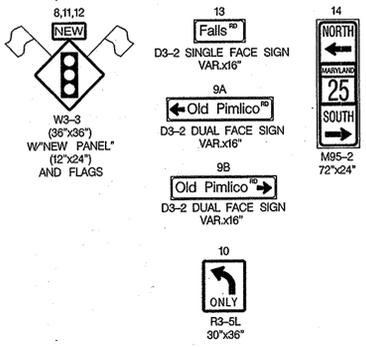
PROPOSED SIGNALS



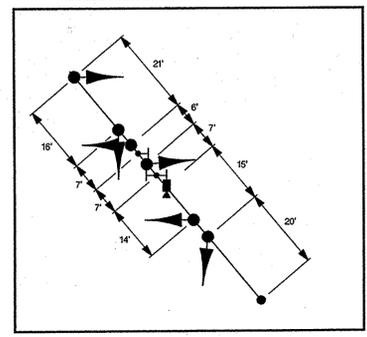
PROPOSED VIDEO DETECTION CAMERA



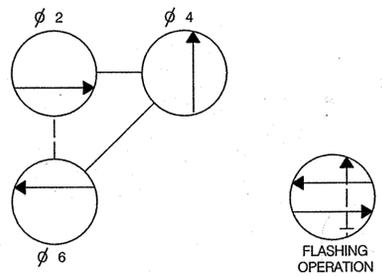
PROPOSED SIGNS



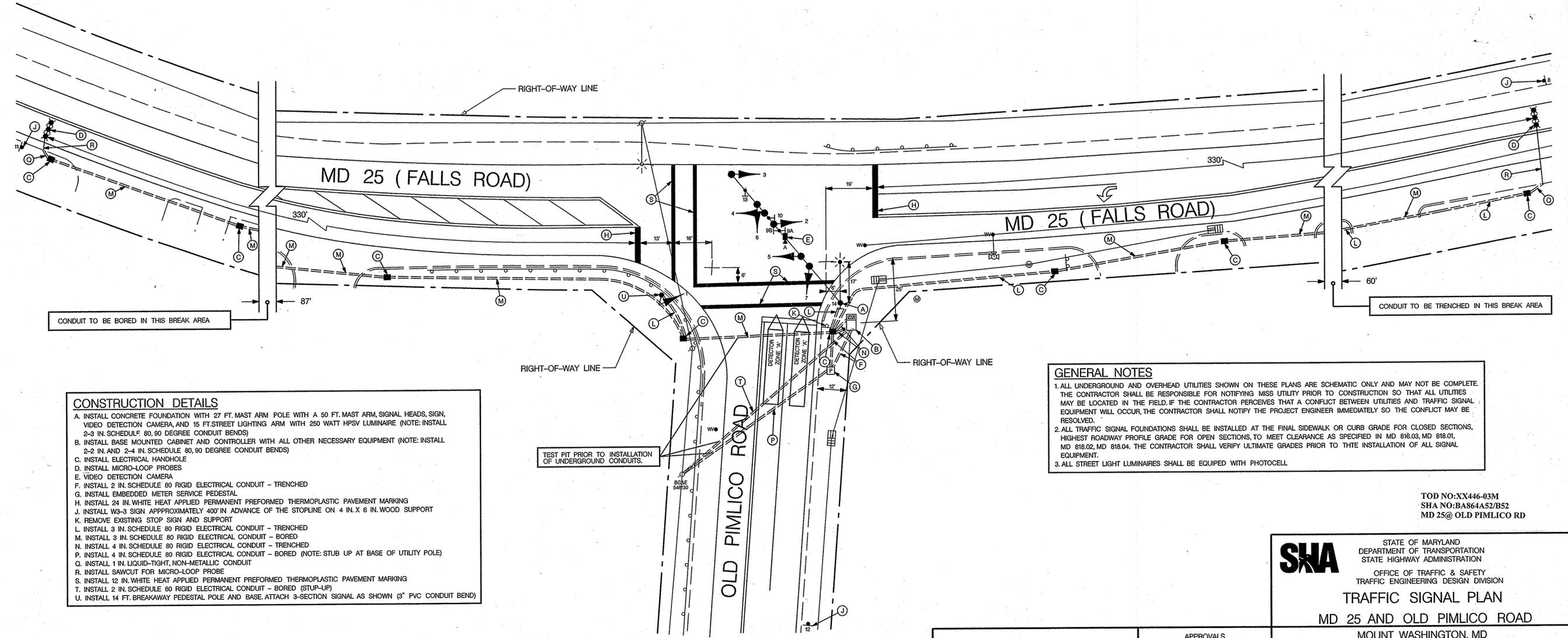
SIGNAL EQUIPMENT / MAST ARM DIMENSIONS



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.



CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH 27 FT. MAST ARM POLE WITH A 50 FT. MAST ARM, SIGNAL HEADS, SIGN, VIDEO DETECTION CAMERA, AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)

B. 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)

C. INSTALL ELECTRICAL HANDHOLE

D. INSTALL MICRO-LOOP PROBES

E. VIDEO DETECTION CAMERA

F. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED

G. INSTALL EMBEDDED METER SERVICE PEDESTAL

H. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING

J. INSTALL W3-3 SIGN APPROXIMATELY 400' IN ADVANCE OF THE STOPLINE ON 4 IN. X 6 IN. WOOD SUPPORT

K. REMOVE EXISTING STOP SIGN AND SUPPORT

L. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED

M. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED

N. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED

P. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED (NOTE: STUB UP AT BASE OF UTILITY POLE)

Q. INSTALL 1 IN. LIQUID-TIGHT, NON-METALLIC CONDUIT

R. INSTALL SAWCUT FOR MICRO-LOOP PROBE

S. INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING

T. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED (STUP-UP)

U. INSTALL 14 FT. BREAKAWAY PEDESTAL POLE AND BASE. ATTACH 3-SECTION SIGNAL AS SHOWN (3" PVC CONDUIT BEND)

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 STREET LIGHT LUMINAIRES SHALL BE EQUIPPED WITH PHOTOCCELL

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

TRAFFIC CONCEPTS, INC.
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 EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

APPROVALS

TEAM LEADER	<i>[Signature]</i> 8/11/08
ASST. DIV. CHIEF	<i>[Signature]</i> 8/14/08
DIVISION CHIEF	<i>[Signature]</i> 8/14/08
OFFICE DIRECTOR	<i>[Signature]</i> 8/14/08

SCALE	1"=20'	DATE	7-28-08	CONTRACT NO.	XX4465185
DESIGNED BY	M.R./S.R.	COUNTY	BALTIMORE		
DRAWN BY	M. ROSEN	LOGMILE			
CHECKED BY	S. RENZI	T.I.M.S. NO.	I-716		
F.A.P. NO.	NA	TOD NO.			
DRAWING NO.	TS-4674	SHEET NO.	1	OF	2

TOD NO: XX446-03M
 SHA NO: BA864A52/B52
 MD 25@ OLD PIMLICO RD

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
 MD 25 AND OLD PIMLICO ROAD
 MOUNT WASHINGTON, MD