

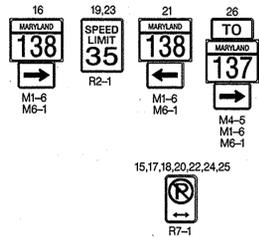
DRILL HOLES

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MD 45 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS



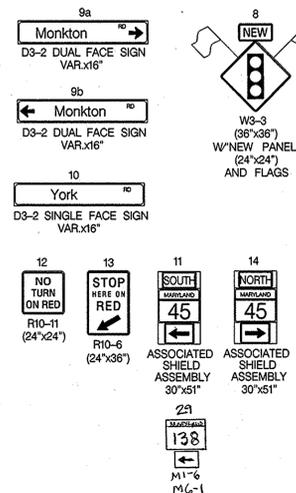
EXISTING SIGNS TO BE REMOVED



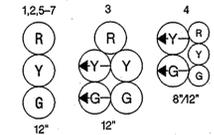
UTILITY HEIGHTS

- 1 TELEPHONE = 17'-2"
1 TELEPHONE = 18'-10"
CATV = 23'-5"
SECONDARY = 30'-0"
PRIMARY = > 36'-0"
2 PRIMARY = 24'-4"

PROPOSED SIGNS



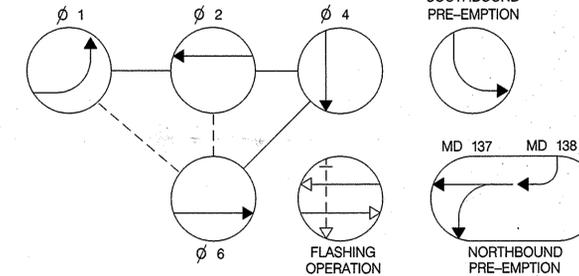
PROPOSED SIGNALS



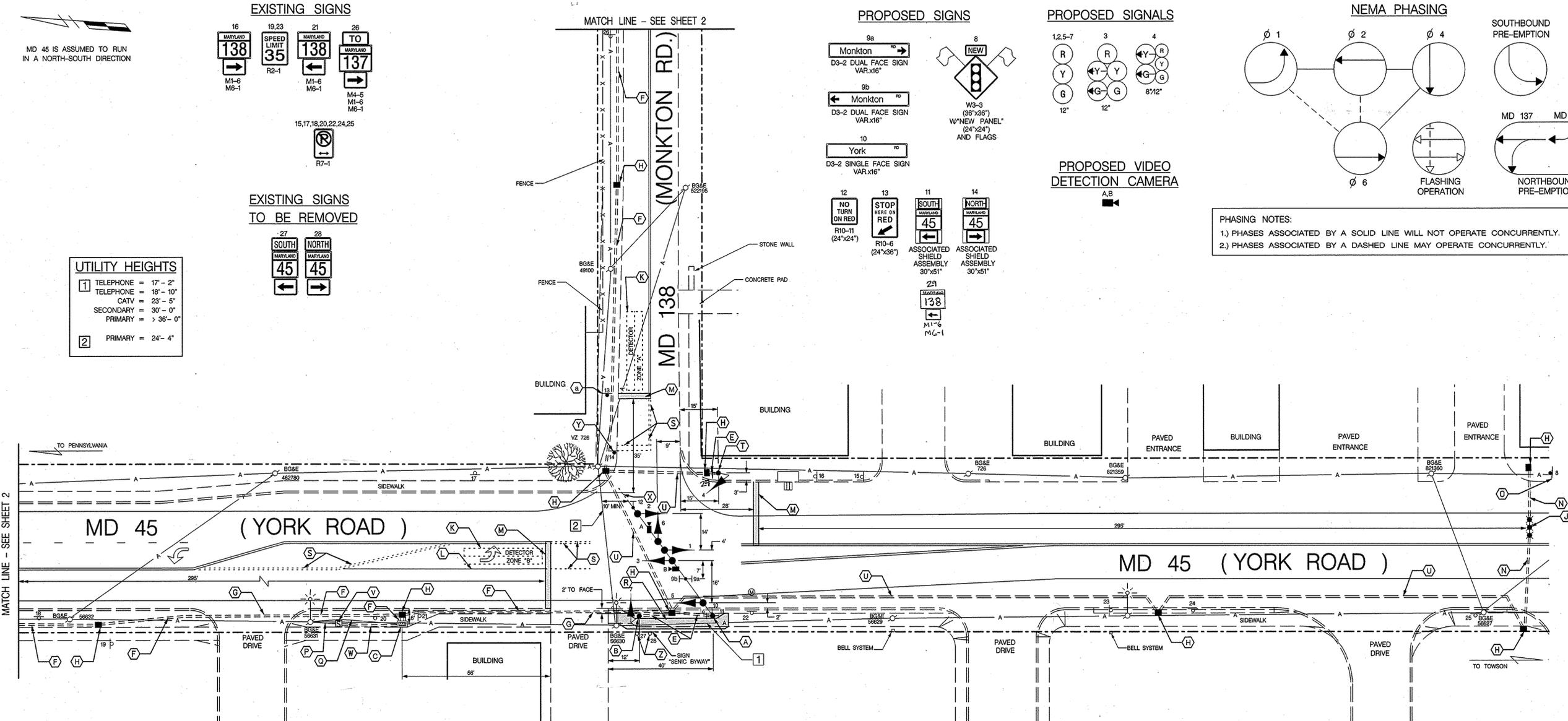
PROPOSED VIDEO DETECTION CAMERA



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 16.5 FT MAST ARM POLE WITH A 60 FT. MAST ARMS WITH A 15 FT. "T" DIMENSION, VIDEO DETECTION CAMERAS, SIGNAL HEADS AND SIGNS...
B. INSTALL 14 FT. PEDESTAL POLE WITH SIGNAL HEAD...
C. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH CONTROL AND DISTRIBUTION EQUIPMENT...
D. INSTALL 1 IN. LIQUID TIGHT, FLEXIBLE, NON-METALLIC CONDUIT...
E. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED...
F. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED...
G. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED...
H. INSTALL HANDHOLE...
I. INSTALL NON-INVASIVE MICRO-LOOP PROBE WITH 500 FT. LEAD-IN...
J. VIDEO DETECTION ZONE...
K. INSTALL 5 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING...
L. INSTALL 24 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING...
M. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - SLOTTED...
N. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - SLOTTED...
O. INSTALL W3-3 SIGN AND "NEW" PANEL WITH FLAGS ON TWO 4 IN. X 4 IN. WOOD SUPPORTS 300 FT. PRIOR TO THE INTERSECTION...
P. PROPOSED ELECTRIC SERVICE...
Q. PROPOSED TELEPHONE SERVICE...
R. REMOVE EXISTING SIDEWALK AND INSTALL NEW 4 FT. SIDEWALK AS SHOWN...
S. REMOVE EXISTING PAVEMENT MARKINGS...
T. INSTALL 14 FT. PEDESTAL POLE WITH SIGNAL HEAD...
U. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - SLOTTED...
V. INSTALL SERVICE PEDESTAL...
W. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED...
X. CUT, CLEAN, GALVANIZE AND CAP MAST ARM...
Y. INSTALL ASSOCIATED SHIELD ASSEMBLY ON THE TWO 4 IN. X 4 IN. WOOD SUPPORTS...
Z. REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORTS...
a. INSTALL R10-6 SIGN ON ONE 4 IN. X 4 IN. WOOD SUPPORT

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 THE CONSTRUCTION...
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 CLEARANCES 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.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE - A
ELECTRICAL - E
TELEPHONE - T
GAS - G
SEWER - S
WATER - W
CABLE TV - TV

TOD No.: AT915-05
SHA No.: BA617A51/B51

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101
FAX (410) 923-6473
EMAIL TRAFFIC.CONCEPTS@COMCAST.NET

Table with columns for APPROVALS and REVISIONS, containing signatures and dates.

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 45 (YORK ROAD) AND MD 138 (MONKTON ROAD)
SCALE 1"=20' DATE 6-16-06 CONTRACT NO. AT9155185
DESIGNED BY T. ZAYDEL COUNTY BALTIMORE
DRAWN BY T. ZAYDEL LOGMILE 03045016.06
CHECKED BY K. SCHMID T.I.M.S. NO. H 148
F.A.P. NO. NA TOD NO.
DRAWING NO. TS-4480 SHEET NO. 1 OF 3