MD 5 IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION

CONSTRUCTION DETAILS

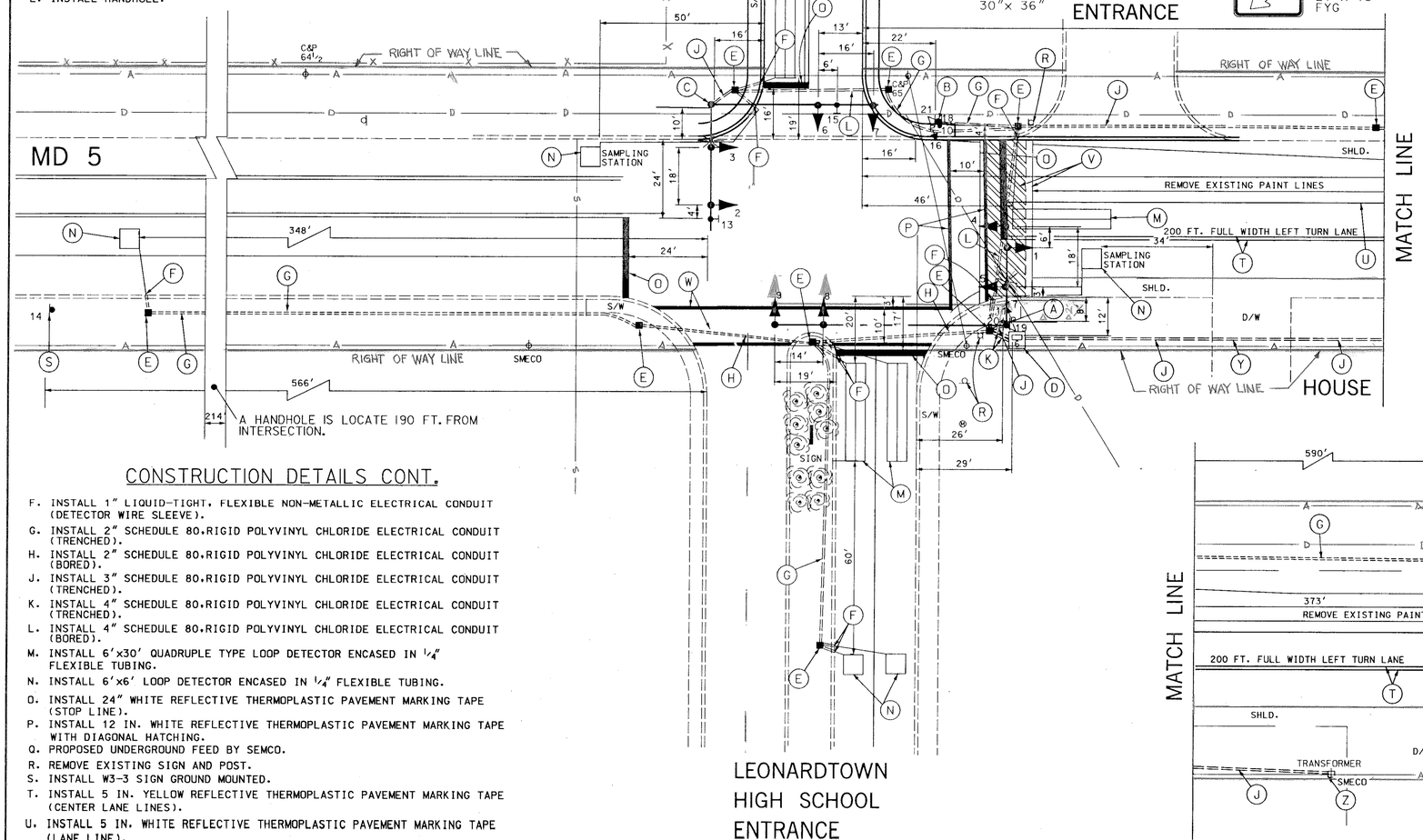
A. INSTALL ~~27'~~ 24' STEEL POLE WITH TWIN 50'/70' MAST ARMS, SIGNAL HEADS, SIGN, 10' LIGHTING ARM, 250 WATT HPS LAMP AND LUMINAIRE, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON, AND SIGN (NOTE: ONE-3", SCHEDULE 80, PVC CONDUIT BEND) 50' ARM CUT TO 35'. AND CUT 27' STEEL POLE TO A 24' STEEL POLE.

B. INSTALL 10' BREAKAWAY PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD, AND SIGN (NOTE: ONE-2" SCHEDULE 80, PVC CONDUIT BEND).

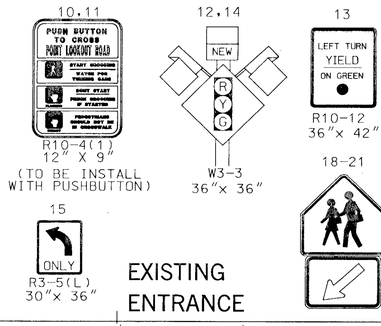
C. INSTALL 27FT. STEEL POLE WITH A TWIN 50'/50' MAST ARMS, SIGNAL HEADS, 10' LIGHTING ARM, 250 WATT HPS LAMP AND LUMINAIRE. (NOTE: 1-2" SCHEDULE 80, PVC CONDUIT BEND). CUT MAINLINE ARM TO 38'

D. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL CONTROL AND DISTRUBTION EQUIPMENT FOR A TYPE "B" UNDERGROUND ELECTRICAL SERVICE (NOTE: TWO-4" SCHEDULE 80. AND TWO-2" SCHEDULE 80. PVC CONDUIT BENDS).

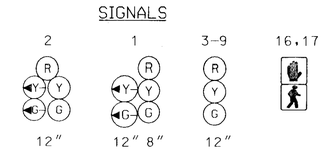
E. INSTALL HANDHOLE.



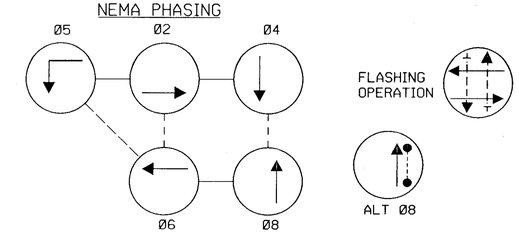
SIGNS



SIGNALS



NEMA PHASING

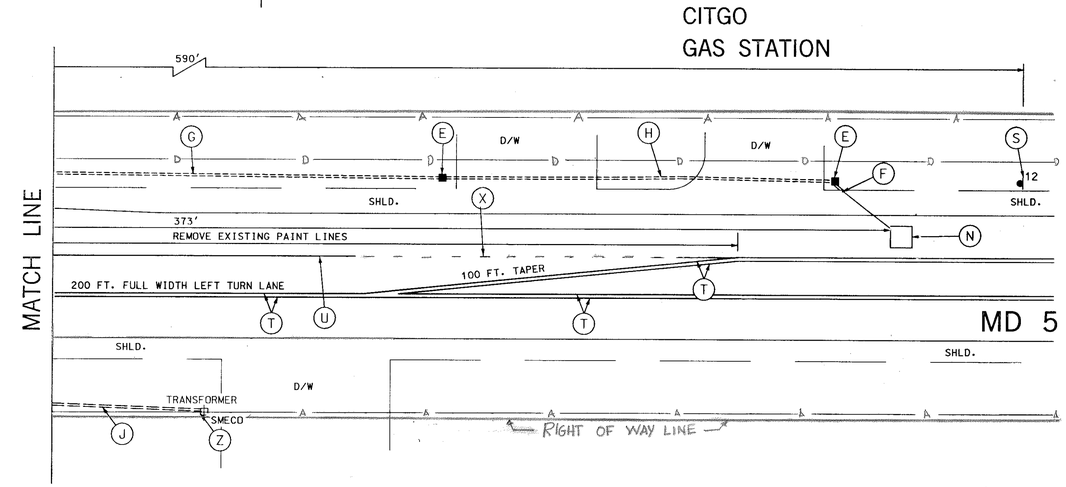


PHASING NOTES

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

GENERAL NOTES:

1. PAVEMENT MARKINGS DETAILS ARE PROPOSED AND TO BE INSTALLED BY THE SIGNAL CONTRACTOR. ALL OTHER MARKINGS ARE TO BE INSTALLED AS NOTED IN THE CONTRACT DOCUMENTS.
2. LOOP DETECTORS AND CONDUITS ARE TO BE INSTALLED PRIOR TO INSTALLATION OF THE FINAL PAVEMENT MARKINGS.
3. LOOP DETECTORS ARE TO BE INSTALLED ONE (1) FOOT BEHIND STOP LINE.
4. ALL PROPOSED TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.



CONSTRUCTION DETAILS CONT.

F. INSTALL 1" LIQUID-TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
G. INSTALL 2" SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
H. INSTALL 2" SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
J. INSTALL 3" SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
K. INSTALL 4" SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
L. INSTALL 4" SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
M. INSTALL 6'x30' QUADRUPLE TYPE LOOP DETECTOR ENCASED IN ¼" FLEXIBLE TUBING.
N. INSTALL 6'x6' LOOP DETECTOR ENCASED IN ¼" FLEXIBLE TUBING.
O. INSTALL 24" WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING TAPE (STOP LINE).
P. INSTALL 12 IN. WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING TAPE WITH DIAGONAL HATCHING.
Q. PROPOSED UNDERGROUND FEED BY SEMCO.
R. REMOVE EXISTING SIGN AND POST.
S. INSTALL W3-3 SIGN GROUND MOUNTED.
T. INSTALL 5 IN. YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKING TAPE (CENTER LANE LINES).
U. INSTALL 5 IN. WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING TAPE (LANE LINE).
V. REMOVE EXISTING PAVEMENT MARKINGS.
W. INSTALL 12 IN. WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING TAPE CROSSWALK.
X. INSTALL 5 IN. WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING TAPE (3' LANE LINE AND 9' GAP).
Y. INSTALL 3" SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
Z. ATTACH 3" SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT BEND TO EXISTING WOOD POLE.
a. INSTALL 12 PAIR COMMUNICATION CABLE.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

SABRA, WANG & ASSOCIATES, INC.
9881 BROKEN LAND PARKWAY
SUITE 105
COLUMBIA, MD 21046

REVISIONS

6-28-99 Move pole 2ft in the southeast quadrant of the intersection, and cut pole from 27' to 21'. SHAWD.

APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION
for DAZ

ASST. DISTRICT ENGINEER, TRAFFIC

5/19/99
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
for

5/20/99
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNALIZATION PLAN

MD 5 (Point Lookout Road) at LEONARDTOWN HIGH SCHOOL

DRAWN BY:	M.A MEARS	F.A.P. NO.	AW 280 B5H	TS NO.	SHEET NO.
CHECKED BY:	M. Rude	S.H.A. NO.	~~AW280B5H~~ AW280A5H	3900-TS	
SCALE:	1" = 20'	COUNTY:	ST. MARY'S	T.I.M.S. NO.	
DATE:	04/26/99	LOG MILE:	180005000.00	D-207	1 OF 3