MD 213 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS TO BE REMOVED

16A,20A

Cross Street

D-3(1) (DUAL FACED) (VARIABLE x 16")

18A,19A

Philosophers Terr

D-3(1) (DUAL FACED) (VARIABLE x 16")

EXISTING SIGNAL HEADS TO REMAIN

17

LEFT TURN YIELD ON GREEN

R10-12 (36" x 42")

21

ONLY

R3-5R (30" X 36")

PROPOSED SIGNS

16

← Cross Street

20

Cross Street →

D-3(1) (DUAL FACED) (VARIABLE x 16")

18

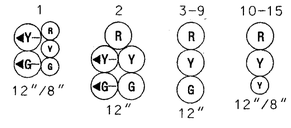
Philosophers Terr →

19

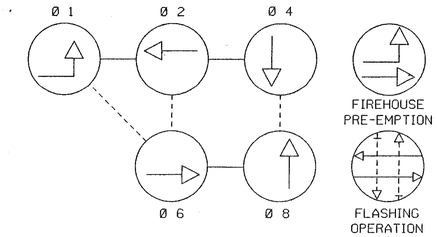
← Philosophers Terr

D-3(1) (DUAL FACED) (VARIABLE x 16")

EXISTING SIGNAL HEADS



NEMA PHASING

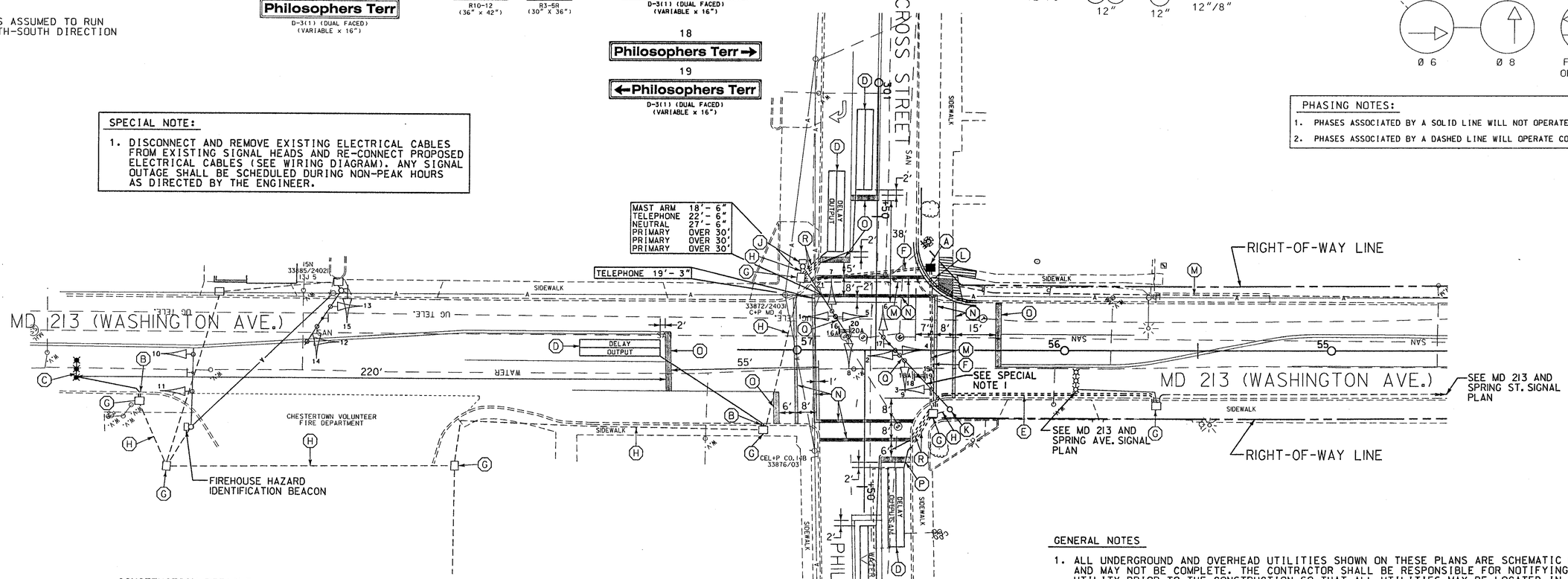


PHASING NOTES:

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

SPECIAL NOTE:

1. DISCONNECT AND REMOVE EXISTING ELECTRICAL CABLES FROM EXISTING SIGNAL HEADS AND RE-CONNECT PROPOSED ELECTRICAL CABLES (SEE WIRING DIAGRAM). ANY SIGNAL OUTAGE SHALL BE SCHEDULED DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.



CONSTRUCTION DETAILS

A. INSTALL HANDHOLE.
B. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
C. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN.
D. INSTALL 6 FT. x 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
E. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
F. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
G. USE EXISTING HANDHOLE.
H. USE EXISTING CONDUIT.
J. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER.
K. USE EXISTING STEEL POLE AND MAST ARM.
L. REMOVE EXISTING HANDHOLE.
M. CAP AND ABANDON EXISTING CONDUIT.
N. INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (CROSSWALK).
O. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
P. REMOVE EXISTING AND INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
Q. USE EXISTING MAST ARM AND REMOVE EXISTING SIGNS AND INSTALL SIGNS AS SHOWN.
R. INSTALL 1 IN. GALVANIZED ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).

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 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.
2. INSTALL CONDUIT AND LOOP DETECTORS PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS. REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR ADDITIONAL DETAILS.
3. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
4. ALL HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
5. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
6. THE SIGNAL CONTRACTOR SHALL DETERMINE IF ANY WORK BY OTHER CONTRACTORS CAN NOT BE COMPLETED UNTIL INSTALLATION OF SIGNAL EQUIPMENT IS COMPLETE. THE SIGNAL CONTRACTOR SHALL NOTIFY OTHER CONTRACTORS OF THIS WORK.
7. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

TSP-2

WR&A
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Baltimore, Maryland 21231
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REVISIONS	APPROVALS
	TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF - TRAFFIC ENGINEERING DESIGN DIVISION
D REPLACED HANDHOLE, CONDUIT AND LOOP DETECTORS DUE TO GEOMETRIC IMPROVEMENTS SHA NO. KE4II-5176 06/09/04	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

NML EBT 80%

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 213 AND CROSS ST./PHILOSOPHERS TERR.

DRAWN BY:	F.A.P. NO.	TS NO. 1679 D	SHEET NO.
CHECKED BY:	S.H.A. NO.	T.I.M.S. NO. F444	OF
SCALE: 1:20	COUNTY: KENT		
DATE: 6/9/2004	LOG MILE: 1402.1300.37		

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