MD 281 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGN TO REMAIN

8, 10

Delancy RD

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

PROPOSED SIGNS

7, 9, 11

NEW

W3-3 (36" X 36") W/"NEW" PANEL (30" X 30") AND FLAGS

12

WEST 281 EAST

M95-1 (78" X 24")

PROPOSED SIGNALS

1-6

R Y G

12"

EXISTING SIGNALS TO BE REMOVED

1A-4A 5A, 6A

Y R

12" 12"

NEMA PHASING

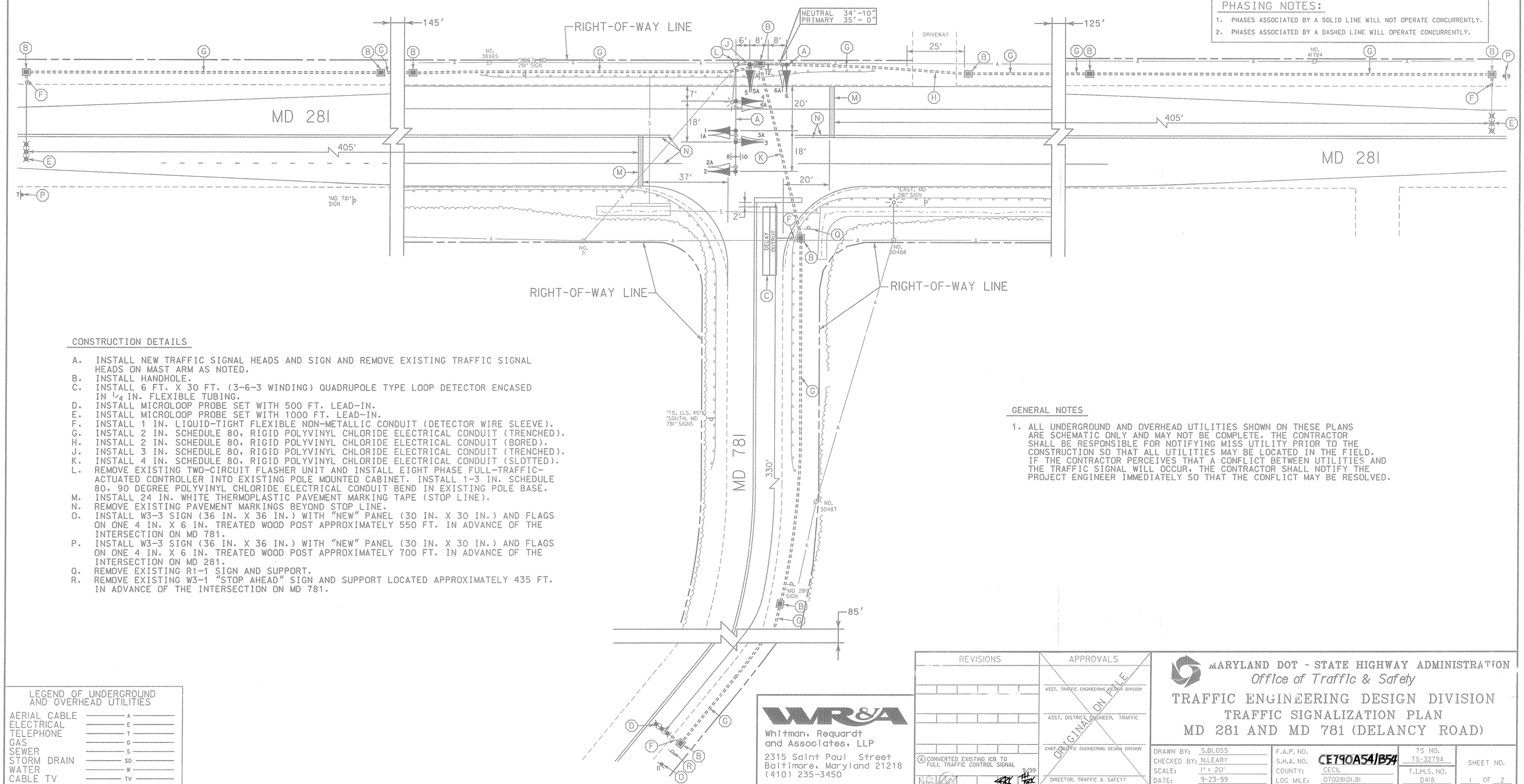
Ø 2 Ø 4

Ø 6

FLASHING OPERATION

PHASING NOTES:

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



CONSTRUCTION DETAILS

A. INSTALL NEW TRAFFIC SIGNAL HEADS AND SIGN AND REMOVE EXISTING TRAFFIC SIGNAL HEADS ON MAST ARM AS NOTED.
B. INSTALL HANDHOLE.
C. INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
D. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN.
E. INSTALL MICROLOOP PROBE SET WITH 1000 FT. LEAD-IN.
F. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE).
G. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
H. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
J. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
K. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
L. REMOVE EXISTING TWO-CIRCUIT FLASHER UNIT AND INSTALL EIGHT PHASE FULL-TRAFFIC-ACTUATED CONTROLLER INTO EXISTING POLE MOUNTED CABINET. INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BEND IN EXISTING POLE BASE.
M. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE (STOP LINE).
N. REMOVE EXISTING PAVEMENT MARKINGS BEYOND STOP LINE.
O. INSTALL W3-3 SIGN (36 IN. X 36 IN.) WITH "NEW" PANEL (30 IN. X 30 IN.) AND FLAGS ON ONE 4 IN. X 6 IN. TREATED WOOD POST APPROXIMATELY 550 FT. IN ADVANCE OF THE INTERSECTION ON MD 781.
P. INSTALL W3-3 SIGN (36 IN. X 36 IN.) WITH "NEW" PANEL (30 IN. X 30 IN.) AND FLAGS ON ONE 4 IN. X 6 IN. TREATED WOOD POST APPROXIMATELY 700 FT. IN ADVANCE OF THE INTERSECTION ON MD 281.
Q. REMOVE EXISTING R1-1 SIGN AND SUPPORT.
R. REMOVE EXISTING W3-1 "STOP AHEAD" SIGN AND SUPPORT LOCATED APPROXIMATELY 435 FT. IN ADVANCE OF THE INTERSECTION ON MD 781.

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.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

WR&A
Whitman, Requardt and Associates, LLP
2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

REVISIONS	APPROVALS
	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
A CONVERTED EXISTING ICB TO FULL TRAFFIC CONTROL SIGNAL 9/99	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 281 AND MD 781 (DELANCY ROAD)

DRAWN BY: S.BLOSS	F.A.P. NO.		TS NO. TS-3279A	SHEET NO.
CHECKED BY: N.LEARY	S.H.A. NO.	CE790A54/B54		
SCALE: 1" = 20'	COUNTY: CECIL		T.I.M.S. NO. D418	1 OF 2
DATE: 9-23-99	LOG MILE: 0T0281O1.81			