MD 328 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

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 LOOP DETECTORS PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS

PROPOSED SIGNS

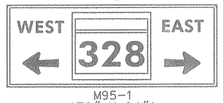
7,9,11

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

8,10

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

12



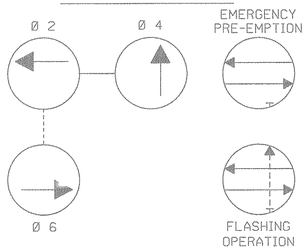
M95-1 (78" X 24")

SIGNAL HEADS

1-6

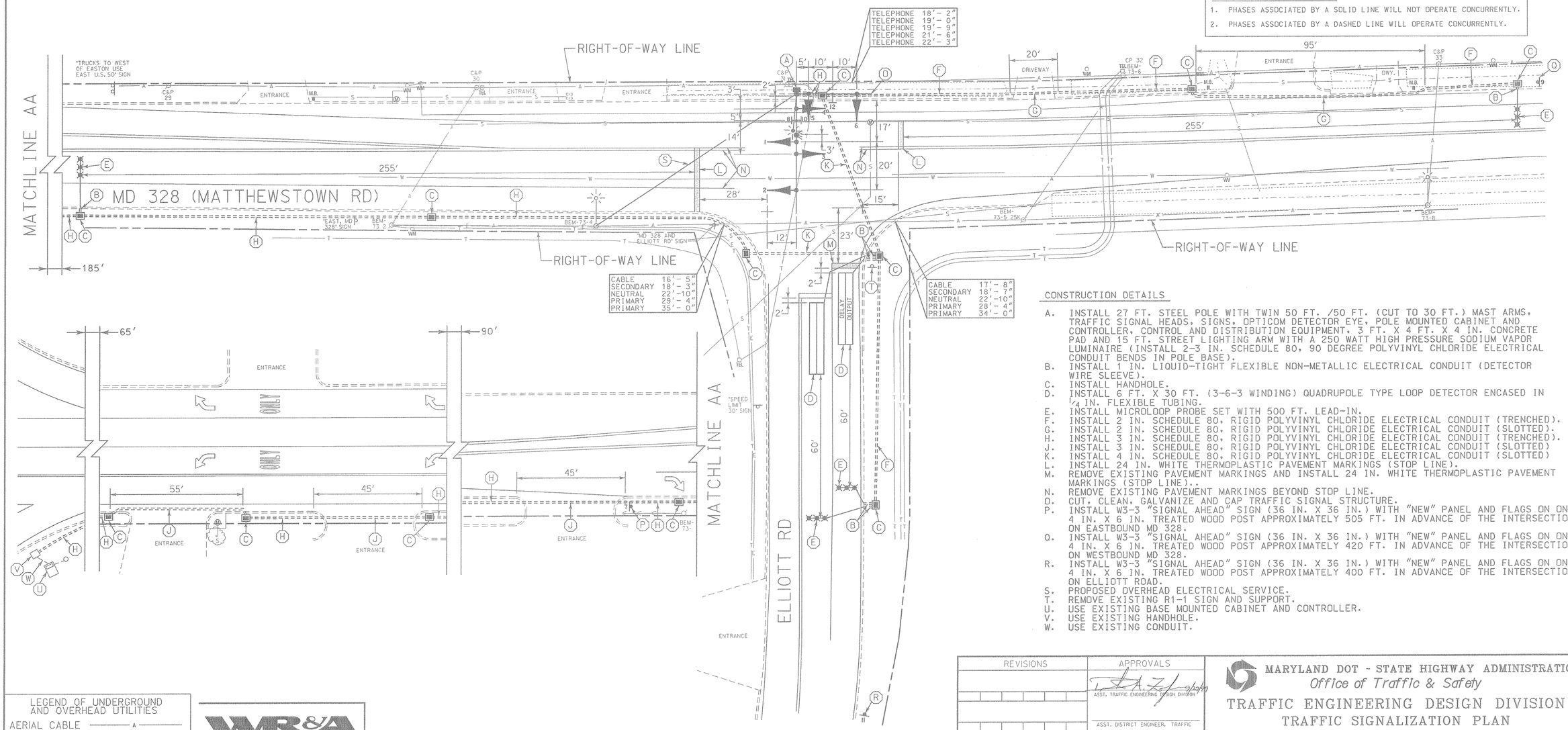
12"

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.



CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT. /50 FT. (CUT TO 30 FT.) MAST ARMS, TRAFFIC SIGNAL HEADS, SIGNS, OPTICOM DETECTOR EYE, POLE MOUNTED CABINET AND CONTROLLER, CONTROL AND DISTRIBUTION EQUIPMENT, 3 FT. X 4 FT. X 4 IN. CONCRETE PAD AND 15 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE).
B. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
C. INSTALL HANDHOLE.
D. INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
E. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN.
F. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
G. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
H. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
J. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED)
K. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED)
L. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKINGS (STOP LINE).
M. REMOVE EXISTING PAVEMENT MARKINGS AND INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKINGS (STOP LINE)..
N. REMOVE EXISTING PAVEMENT MARKINGS BEYOND STOP LINE.
O. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.
P. INSTALL W3-3 "SIGNAL AHEAD" SIGN (36 IN. X 36 IN.) WITH "NEW" PANEL AND FLAGS ON ONE 4 IN. X 6 IN. TREATED WOOD POST APPROXIMATELY 505 FT. IN ADVANCE OF THE INTERSECTION ON EASTBOUND MD 328.
Q. INSTALL W3-3 "SIGNAL AHEAD" SIGN (36 IN. X 36 IN.) WITH "NEW" PANEL AND FLAGS ON ONE 4 IN. X 6 IN. TREATED WOOD POST APPROXIMATELY 420 FT. IN ADVANCE OF THE INTERSECTION ON WESTBOUND MD 328.
R. INSTALL W3-3 "SIGNAL AHEAD" SIGN (36 IN. X 36 IN.) WITH "NEW" PANEL AND FLAGS ON ONE 4 IN. X 6 IN. TREATED WOOD POST APPROXIMATELY 400 FT. IN ADVANCE OF THE INTERSECTION ON ELLIOTT ROAD.
S. PROPOSED OVERHEAD ELECTRICAL SERVICE.
T. REMOVE EXISTING R1-1 SIGN AND SUPPORT.
U. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
V. USE EXISTING HANDHOLE.
W. USE EXISTING CONDUIT.

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
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Baltimore, Maryland 21218
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REVISIONS	APPROVALS
	ASST. TRAFFIC ENGINEERING DESIGN DIVISION 9/27/99
	ASST. DISTRICT ENGINEER, TRAFFIC
	10-5-99 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	for DIRECTOR, TRAFFIC & SAFETY 10/5/99

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 328 (MATTHEWSTOWN RD) & ELLIOTT RD

DRAWN BY: S.BLOSS	F.A.P. NO.		TS NO. TS-3950	SHEET NO.
CHECKED BY: N.LEARY	S.H.A. NO.	TA406A51/B51		
SCALE: 1" = 20'	COUNTY: TALBOT		T.I.M.S. NO. D400	1 OF 2
DATE: 9-27-99	LOG MILE:	20032800.18		

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