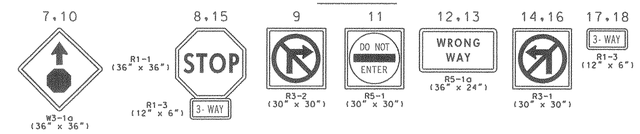
MIDDLETOWN ROAD IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

SIGNS



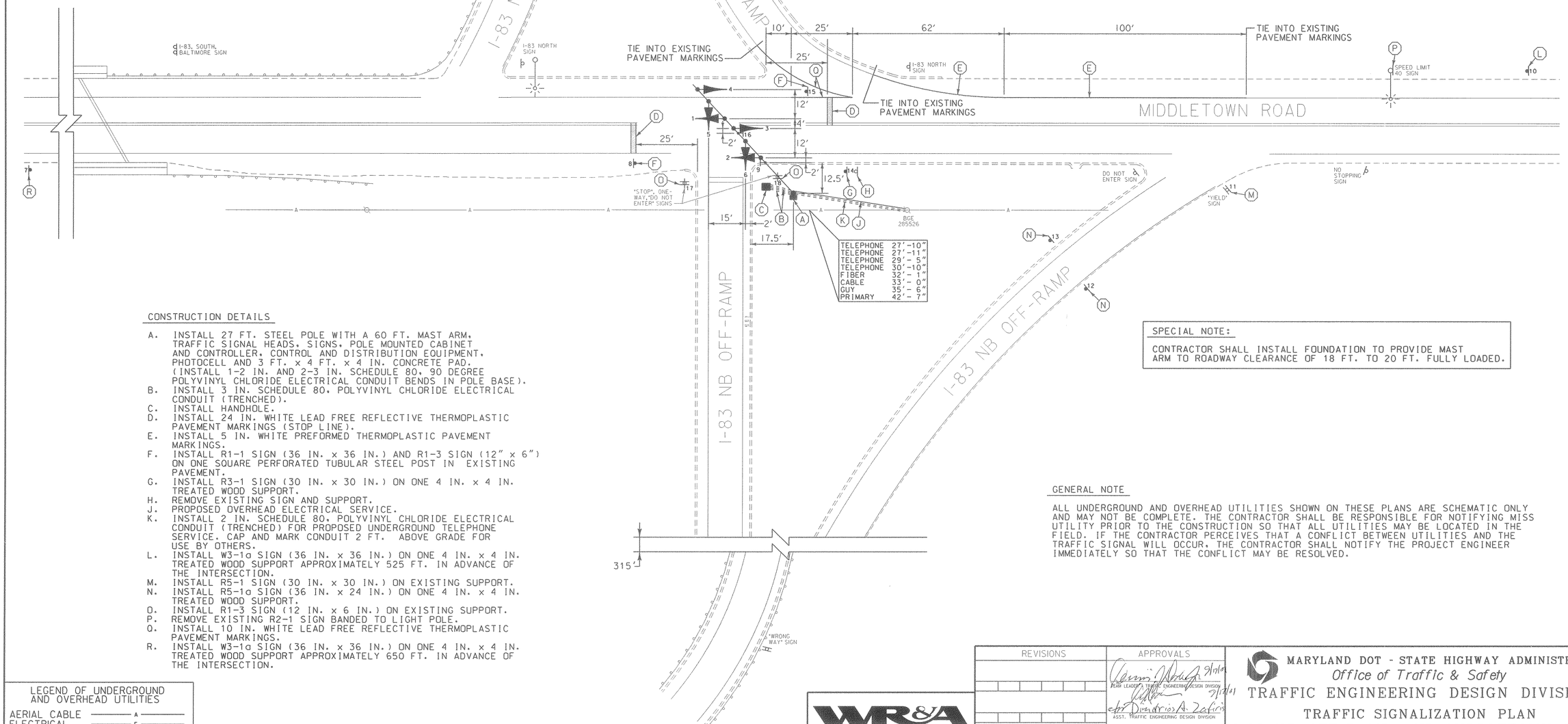
SIGNAL HEADS

1-6

12" LED

NEMA PHASING

FLASHING OPERATION



CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH A 60 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, POLE MOUNTED CABINET AND CONTROLLER, CONTROL AND DISTRIBUTION EQUIPMENT, PHOTOCELL AND 3 FT. x 4 FT. x 4 IN. CONCRETE PAD. (INSTALL 1-2 IN. AND 2-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE).
B. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
C. INSTALL HANDHOLE.
D. INSTALL 24 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS (STOP LINE).
E. INSTALL 5 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.
F. INSTALL R1-1 SIGN (36 IN. x 36 IN.) AND R1-3 SIGN (12" x 6") ON ONE SQUARE PERFORATED TUBULAR STEEL POST IN EXISTING PAVEMENT.
G. INSTALL R3-1 SIGN (30 IN. x 30 IN.) ON ONE 4 IN. x 4 IN. TREATED WOOD SUPPORT.
H. REMOVE EXISTING SIGN AND SUPPORT.
J. PROPOSED OVERHEAD ELECTRICAL SERVICE.
K. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND TELEPHONE SERVICE. CAP AND MARK CONDUIT 2 FT. ABOVE GRADE FOR USE BY OTHERS.
L. INSTALL W3-1a SIGN (36 IN. x 36 IN.) ON ONE 4 IN. x 4 IN. TREATED WOOD SUPPORT APPROXIMATELY 525 FT. IN ADVANCE OF THE INTERSECTION.
M. INSTALL R5-1 SIGN (30 IN. x 30 IN.) ON EXISTING SUPPORT.
N. INSTALL R5-1a SIGN (36 IN. x 24 IN.) ON ONE 4 IN. x 4 IN. TREATED WOOD SUPPORT.
O. INSTALL R1-3 SIGN (12 IN. x 6 IN.) ON EXISTING SUPPORT.
P. REMOVE EXISTING R2-1 SIGN BANDED TO LIGHT POLE.
Q. INSTALL 10 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.
R. INSTALL W3-1a SIGN (36 IN. x 36 IN.) ON ONE 4 IN. x 4 IN. TREATED WOOD SUPPORT APPROXIMATELY 650 FT. IN ADVANCE OF THE INTERSECTION.

SPECIAL NOTE:

CONTRACTOR SHALL INSTALL FOUNDATION TO PROVIDE MAST ARM TO ROADWAY CLEARANCE OF 18 FT. TO 20 FT. FULLY LOADED.

GENERAL NOTE

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	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

WR&A
Whitman, Requardt and Associates, LLP
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Baltimore, Maryland 21218
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REVISIONS

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION 9/10/01

ASST. TRAFFIC ENGINEERING DESIGN DIVISION 9/12/01

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 9/17/01

DIRECTOR, TRAFFIC & SAFETY 9/18/01

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

TRAFFIC SIGNALIZATION PLAN
I-83 NB OFF-RAMP AND MIDDLETOWN ROAD

DRAWN BY: S. BLOSS	F.A.P. NO.	TS NO. TS-4140	SHEET NO.
CHECKED BY: N. LEARY	S.H.A. NO. 238547R502380		
SCALE: 1" = 20'	COUNTY: BALTIMORE	T.I.M.S. NO. E918	1 OF 2
DATE: 9/14/01	LOG MILE: 03083023.67		

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