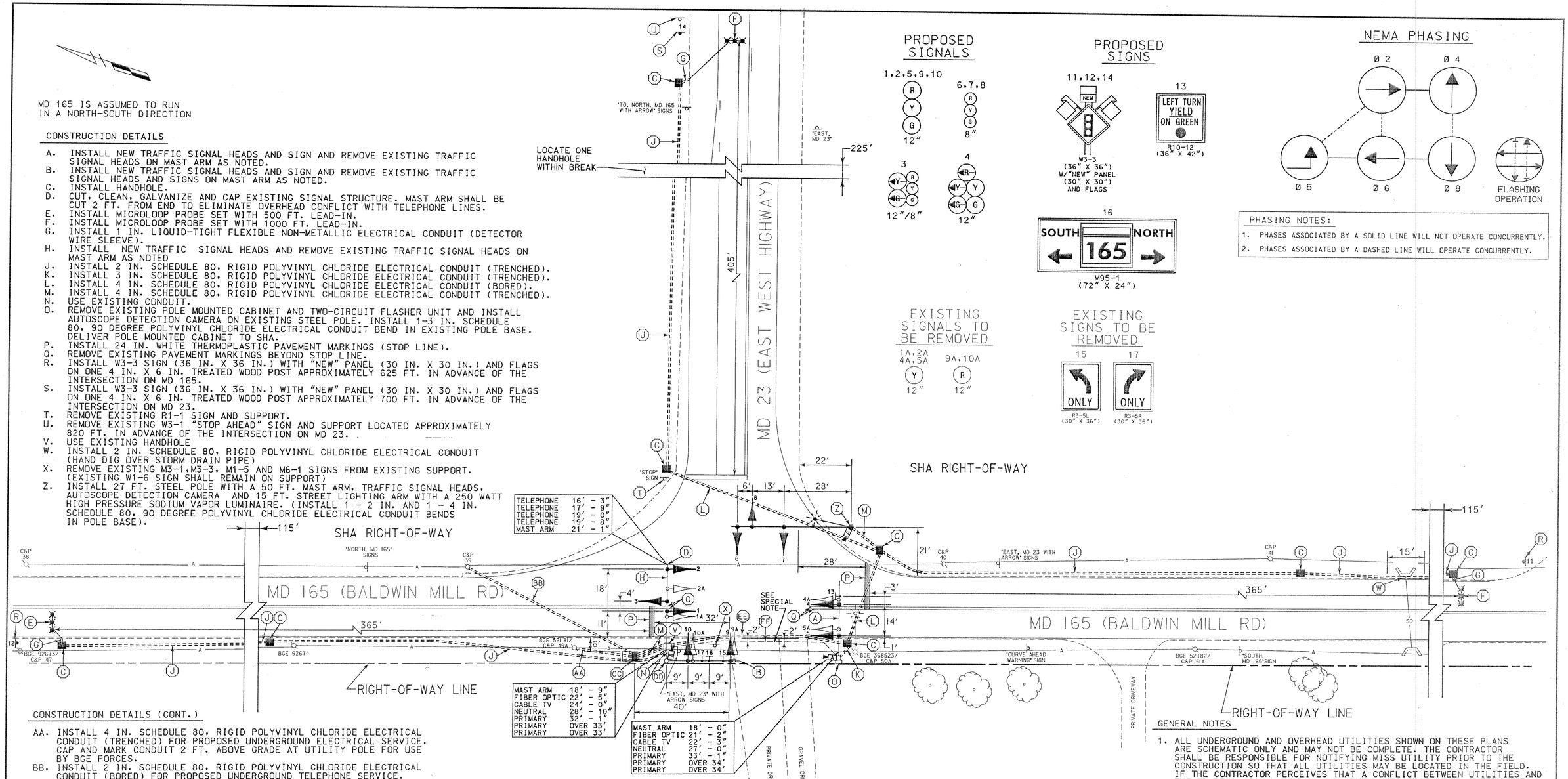
MD 165 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

CONSTRUCTION DETAILS

A. INSTALL NEW TRAFFIC SIGNAL HEADS AND SIGN AND REMOVE EXISTING TRAFFIC SIGNAL HEADS ON MAST ARM AS NOTED.
B. INSTALL NEW TRAFFIC SIGNAL HEADS AND SIGN AND REMOVE EXISTING TRAFFIC SIGNAL HEADS AND SIGNS ON MAST ARM AS NOTED.
C. INSTALL HANDHOLE.
D. CUT, CLEAN, GALVANIZE AND CAP EXISTING SIGNAL STRUCTURE. MAST ARM SHALL BE CUT 2 FT. FROM END TO ELIMINATE OVERHEAD CONFLICT WITH TELEPHONE LINES.
E. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN.
F. INSTALL MICROLOOP PROBE SET WITH 1000 FT. LEAD-IN.
G. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
H. INSTALL NEW TRAFFIC SIGNAL HEADS AND REMOVE EXISTING TRAFFIC SIGNAL HEADS ON MAST ARM AS NOTED
J. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
K. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
L. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
M. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
N. USE EXISTING CONDUIT.
O. REMOVE EXISTING POLE MOUNTED CABINET AND TWO-CIRCUIT FLASHER UNIT AND INSTALL AUTOSCOPE DETECTION CAMERA ON EXISTING STEEL POLE. INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BEND IN EXISTING POLE BASE. DELIVER POLE MOUNTED CABINET TO SHA.
P. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKINGS (STOP LINE).
Q. REMOVE EXISTING PAVEMENT MARKINGS BEYOND STOP LINE.
R. 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 625 FT. IN ADVANCE OF THE INTERSECTION ON MD 165.
S. 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 23.
T. REMOVE EXISTING R1-1 SIGN AND SUPPORT.
U. REMOVE EXISTING W3-1 "STOP AHEAD" SIGN AND SUPPORT LOCATED APPROXIMATELY 820 FT. IN ADVANCE OF THE INTERSECTION ON MD 23.
V. USE EXISTING HANDHOLE
W. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (HAND DIG OVER STORM DRAIN PIPE)
X. REMOVE EXISTING M3-1,M3-3, M1-5 AND M6-1 SIGNS FROM EXISTING SUPPORT. (EXISTING W1-6 SIGN SHALL REMAIN ON SUPPORT)
Z. INSTALL 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, TRAFFIC SIGNAL HEADS, AUTOSCOPE DETECTION CAMERA AND 15 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (INSTALL 1 - 2 IN. AND 1 - 4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE).



CONSTRUCTION DETAILS (CONT.)

AA. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE. CAP AND MARK CONDUIT 2 FT. ABOVE GRADE AT UTILITY POLE FOR USE BY BGE FORCES.
BB. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED) FOR PROPOSED UNDERGROUND TELEPHONE SERVICE. CAP AND MARK CONDUIT 2 FT. ABOVE GRADE AT UTILITY POLE FOR USE BY BELL ATLANTIC FORCES.
CC. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH AUTOSCOPE CONTROL EQUIPMENT, CONCRETE PAD AND CONTROL AND DISTRIBUTION EQUIPMENT. (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN CABINET BASE)
DD. INSTALL AUTOSCOPE DETECTION CAMERA ON EXISTING STEEL POLE.
EE. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
FF. ABANDON EXISTING CONDUIT.

PHASING NOTES:

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

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 PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
3. THE CABINET SHALL BE DELIVERED TO SHA AT 7941 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY SHA AT (410) 787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.
4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE FROM 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

SPECIAL NOTE:

CONTRACTOR SHALL USE CARE TO AVOID DISTURBANCE OF EXISTING CONDUIT WHEN INSTALLING NEW CONDUIT.

WR&A
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2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

REVISIONS	APPROVALS
A CONVERTED EXISTING ICB TO FULL TRAFFIC CONTROL SIGNAL — NML 6/00	TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 165 (BALDWIN MILL ROAD) AND MD 23 (EAST-WEST HIGHWAY)

DRAWN BY: J. WEAVER	F.A.P. NO.	TS NO. TS-3382A	SHEET NO.
CHECKED BY: T. ZAYDEL	S.H.A. NO. HA 188ASA 1899		
SCALE: 1" = 20'	COUNTY: HARFORD	T.I.M.S. NO. D-809	1 OF 2
DATE: 9/17/93	LOG MILE: 12002307.97		

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