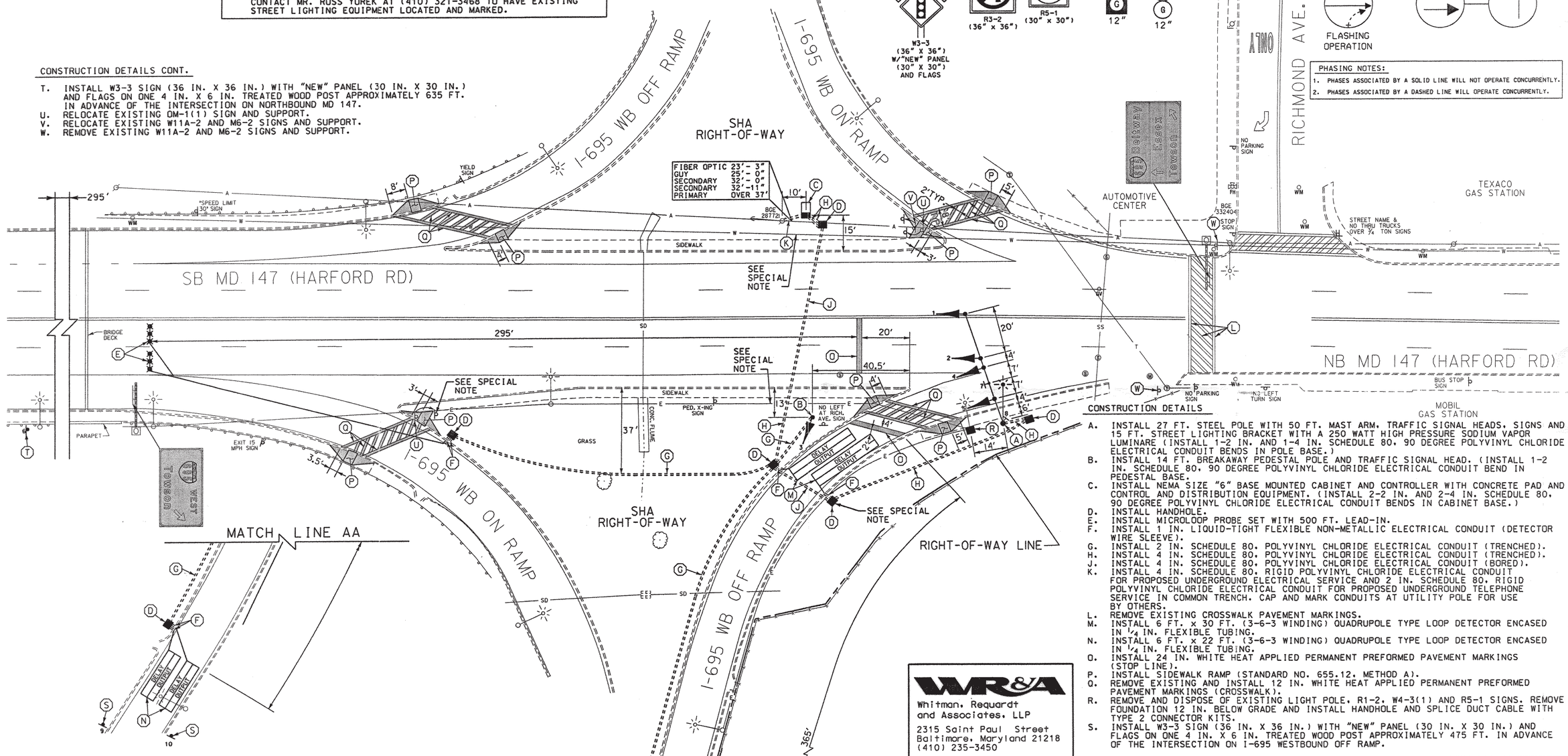
MD 147 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

SPECIAL NOTE

CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND STREET LIGHTING CABLE AND WATER MAIN. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF STREET LIGHTING CABLE AND WATER MAIN PRIOR TO INSTALLING SIGNAL EQUIPMENT. CONTRACTOR SHALL CONTACT MR. RUSS YUREK AT (410) 321-3468 TO HAVE EXISTING STREET LIGHTING EQUIPMENT LOCATED AND MARKED.

CONSTRUCTION DETAILS CONT.

T. 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 635 FT. IN ADVANCE OF THE INTERSECTION ON NORTHBOUND MD 147.
U. RELOCATE EXISTING OM-1(1) SIGN AND SUPPORT.
V. RELOCATE EXISTING W11A-2 AND M6-2 SIGNS AND SUPPORT.
W. REMOVE EXISTING W11A-2 AND M6-2 SIGNS AND SUPPORT.



CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH 50 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS AND 15 FT. STREET LIGHTING BRACKET WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINARE (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE.)
B. INSTALL 14 FT. BREAKAWAY PEDESTAL POLE AND TRAFFIC SIGNAL HEAD. (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BEND IN PEDESTAL BASE.
C. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH 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.)
D. INSTALL HANDHOLE.
E. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN.
F. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
G. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
H. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
J. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
K. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE AND 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND TELEPHONE SERVICE IN COMMON TRENCH. CAP AND MARK CONDUITS AT UTILITY POLE FOR USE BY OTHERS.
L. REMOVE EXISTING CROSSWALK PAVEMENT MARKINGS.
M. INSTALL 6 FT. x 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
N. INSTALL 6 FT. x 22 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
O. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKINGS (STOP LINE).
P. INSTALL SIDEWALK RAMP (STANDARD NO. 655.12, METHOD A).
Q. REMOVE EXISTING AND INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKINGS (CROSSWALK).
R. REMOVE AND DISPOSE OF EXISTING LIGHT POLE, R1-2, W4-3(1) AND R5-1 SIGNS. REMOVE FOUNDATION 12 IN. BELOW GRADE AND INSTALL HANDHOLE AND SPLICE DUCT CABLE WITH TYPE 2 CONNECTOR KITS.
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 475 FT. IN ADVANCE OF THE INTERSECTION ON I-695 WESTBOUND OFF RAMP.

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 MICROLOOP PROBES, LOOP DETECTORS AND CONDUIT PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.

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

REVISIONS

APPROVALS

12-15-00
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

for Dimitrios A. Zafiris
ASST. TRAFFIC ENGINEERING DESIGN DIVISION

12-15-00
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

12/15/00
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNALIZATION PLAN
MD 147 (HARFORD RD) AND I-695 WB OFF RAMP

DRAWN BY: S.BLOSS	F.A.P. NO.		TS NO. TS-4056	SHEET NO.
CHECKED BY: N.LEARY	S.H.A. NO.			
SCALE: 1" = 20'	COUNTY:	BALTIMORE	T.I.M.S. NO. D-881	1 OF 2
DATE: 12/15/00	LOG MILE:	0301470L47		

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