DRILL HOLES

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Border Rev. Date: Nov. 1, 2004

US 1 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

PROPOSED VIDEO DETECTION CAMERA

A

PROPOSED SIGNS

8 — NEW — W9-3 (48"x48") W/"NEW" PANEL (30"x30") AND FLAGS

6 — LEFT TURN YIELD ON FLASHING RED ARROW AFTER STOP — R10-12 (4) 36"x42"

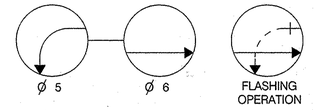
7 — LEFT TURN YIELD ON FLASHING RED AFTER STOP — R10-12 (4) MOD. 36"x42"

PROPOSED SIGNAL

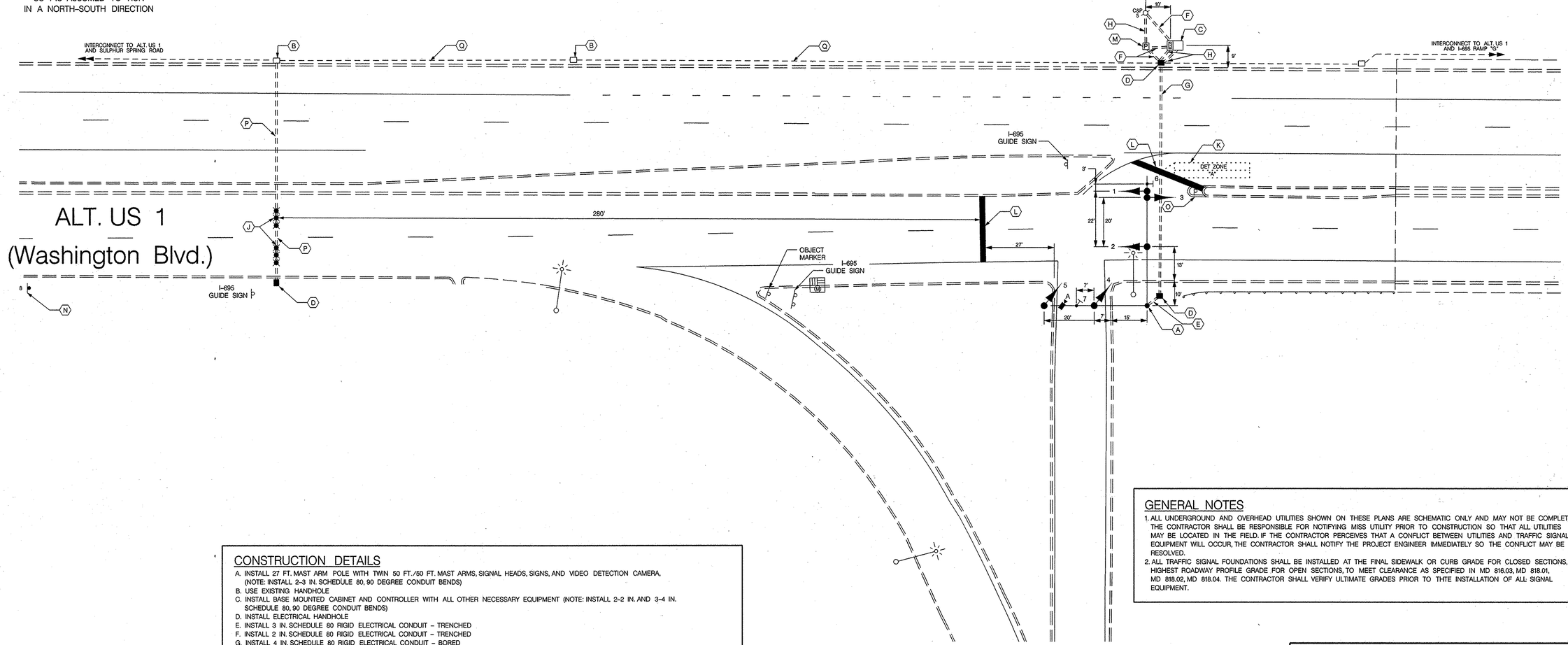
1,2,4,5 — R, Y, G — 12"

3 — R, Y, G — 12"

NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.



I-695 ON RAMP (OUTER LOOP)

CONSTRUCTION DETAILS

A. INSTALL 27 FT. MAST ARM POLE WITH TWIN 50 FT./50 FT. MAST ARMS, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERA, (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
B. USE EXISTING HANDHOLE
C. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL OTHER NECESSARY EQUIPMENT (NOTE: INSTALL 2-2 IN. AND 3-4 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
D. INSTALL ELECTRICAL HANDHOLE
E. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
F. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
G. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
H. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
J. INSTALL NON-INVASIVE MICRO-LOOP PROBE
K. VIDEO DETECTION ZONE
L. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
M. INSTALL METER SERVICE PEDESTAL
N. INSTALL W3-3 SIGN ON TWO-4" X 6" WOOD SUPPORTS APPROXIMATELY 400 FT. IN ADVANCE OF THE INTERSECTION
O. CUT-BACK MEDIAN APPROXIMATELY 6 FT. (RELOCATE EXISTING R4-7 SIGN)
P. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
Q. USE EXISTING CONDUIT

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 CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
2. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCE AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THTE INSTALLATION OF ALL SIGNAL EQUIPMENT.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

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APPROVALS		REVISIONS
TEAM LEADER	10-10-07	
ASST. DIV. CHIEF	10-10-07	
DIVISION CHIEF	10/10/07	
OFFICE DIRECTOR	11/1	

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN
ALT US 1 AND I-695 ON RAMP (OUTER LOOP)

SCALE	1" = 20'	DATE	10-3-07
CONTRACT NO.	AT9135185		
DESIGNED BY	T ZAYDEL	COUNTY	BALTIMORE
DRAWN BY	T ZAYDEL	LOGMILE	03A0011.63
CHECKED BY	K. SCHMID	T.I.M.S. NO.	G 882
F.A.P. NO.	N/A	TOD NO.	
DRAWING NO.	TS-4627	SHEET NO.	3 OF 6

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