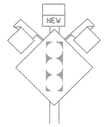
FHWA REGION NO.	STATE	FEDERAL PROJECT NO.	FILE NO.	SHEET NO.
3	MD			

U.S. 13B IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

PROPOSED SIGNS

9,12



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

10,13

Gordy RD

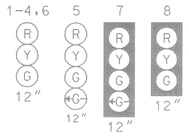
D-3(1) (DUAL FACED) (VARIABLE X 16")

11,14

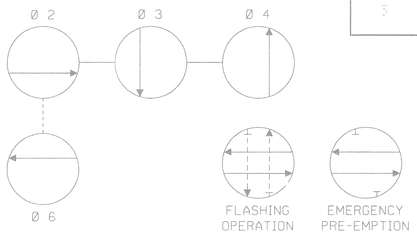
NO TURN ON RED

R10-11b (24" X 24")

SIGNAL HEADS



NEMA PHASING

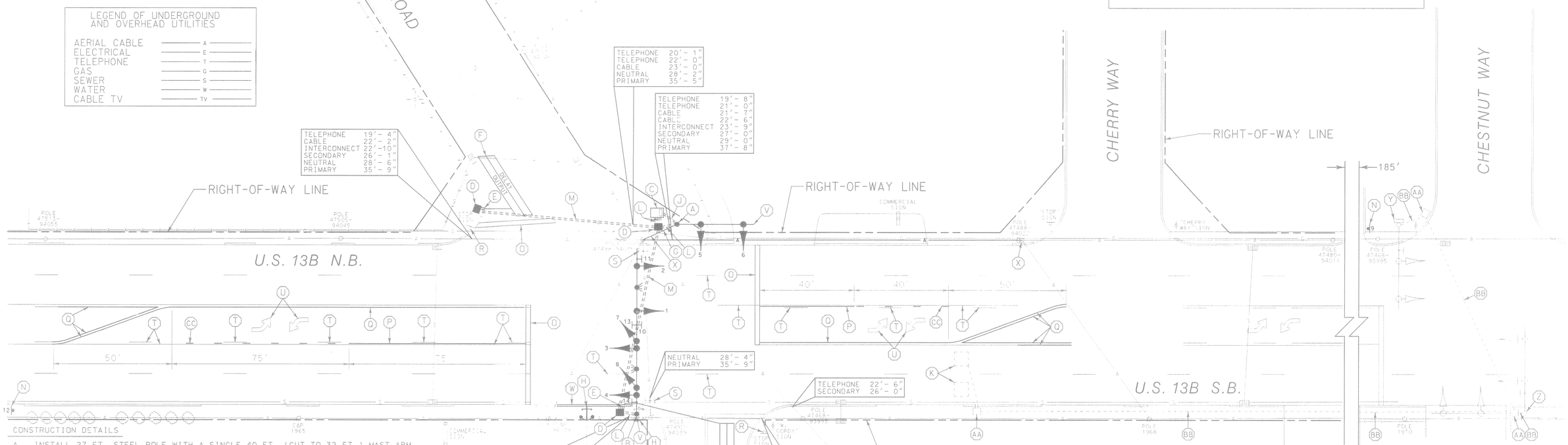


PHASING NOTES:

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

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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



CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH A SINGLE 40 FT. (CUT TO 32 FT.) MAST ARM. TRAFFIC SIGNAL HEADS, 3 IN. WEATHERHEAD AND CONTROL AND DISTRIBUTION EQUIPMENT. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS IN POLE BASE).
B. INSTALL 27 FT. STEEL POLE (CUT TO 20 FT.) WITH A SINGLE 70 FT. MAST ARM. TRAFFIC SIGNAL HEADS (SIGNAL HEADS FOR U.S. 13B SHALL BE POLYCARBONATE AND HAVE FULL TUNNEL VISORS). SIGNS AND OPTICOM DETECTOR EYES (INSTALL 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND IN POLE BASE).
C. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY 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 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
F. INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
G. PROPOSED OVERHEAD ELECTRICAL SERVICE.
H. RELOCATE EXISTING ANCHOR AS SHOWN ON PLAN.
J. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE.
K. ABANDON EXISTING 6 FT. X 6 FT. LOOP DETECTORS.
L. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
M. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
N. INSTALL W3-3 "SIGNAL AHEAD" 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 U.S. 13B.
O. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE (STOP LINE).
P. INSTALL 6 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE.
Q. INSTALL 6 IN. YELLOW THERMOPLASTIC PAVEMENT MARKING TAPE.
R. REMOVE EXISTING R1-1 SIGN AND SUPPORT.
S. REMOVE EXISTING D-3(1) "GORDY ROAD" SIGNS AND SPAN WIRE.
T. REMOVE EXISTING PAVEMENT MARKINGS.
U. REMOVE EXISTING PAVEMENT MARKING ARROW.
V. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.
W. INSTALL STANDARD TYPE "A" COMBINATION CURB AND GUTTER.
X. CUT EXISTING INTERCONNECT CABLE FROM ZION ROAD, PULL BACK TO DP&L POLE 47498-94035 AND RE-FEED INTO NEW CABINET.
Y. REMOVE EXISTING STEEL POLE, POLE MOUNTED CABINET AND CONTROLLER, MAST ARM, SIGNAL HEADS AND SIGN. DELIVER CABINET TO SHA.
Z. REMOVE EXISTING STEEL POLE, MAST ARMS, SIGNAL HEADS AND SIGN.
AA. ABANDON EXISTING HANDHOLE.
BB. ABANDON EXISTING CONDUIT.
CC. INSTALL 6 IN. SKIP WHITE (3 FT. LINE - 9 FT. GAP) THERMOPLASTIC PAVEMENT MARKING TAPE.

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. THE EXISTING CABINET AND CONTROLLER AT CHESTNUT WAY 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.
3. ABANDON EXISTING CONDUIT, HANDHOLES AND 6 FT. X 6 FT. LOOP DETECTORS ON NORTHBOUND U.S. 13B AT CHESTNUT WAY (NOT SHOWN ON PLAN).
4. REMOVE AND DISPOSE OF ALL ABANDONED INTERCONNECT CABLE.
5. DIMENSIONS FOR SIGNAL EQUIPMENT AND PAVEMENT MARKINGS WITHIN THE INTERSECTION ARE SHOWN ON THE DIMENSION DIAGRAM (SHEET 2 OF 3).

LOG MILE 22013BU7.53

REVISIONS	APPROVALS	REVISIONS
	ASSISTANT DIVISION CHIEF	
	ASST. DISTRICT ENGINEER, TRAFFIC 7-24-98	
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY 7/28	

WR&A
Whitman, Requardt and Associates
Engineers and Planners
2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

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

U.S. 13B AND GORDY ROAD

DATE: 7-21-98	DRAWN BY: S.BLOSS	F.A.P. NO.		PLAN SHEET NO.:	SHEET NO.
SCALE: 1"= 20'	DESIGNED BY: N.LEARY	STATE NO.	AW276ASD/B5D	TS-3822	1 OF 3
APPROVED BY:	CHECKED BY: T.HANNAN	COUNTY	WICOMICO		