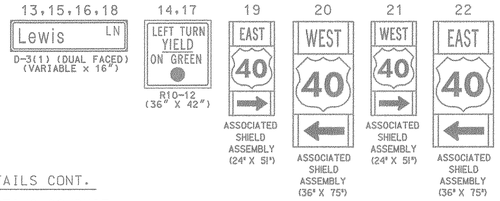
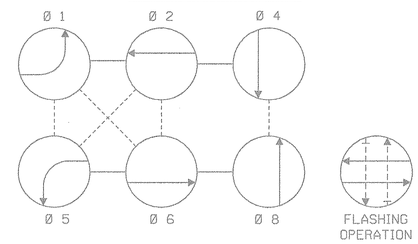
SIGNS

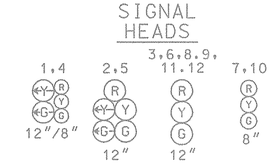


U.S. 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

NEMA PHASING



SIGNAL HEADS

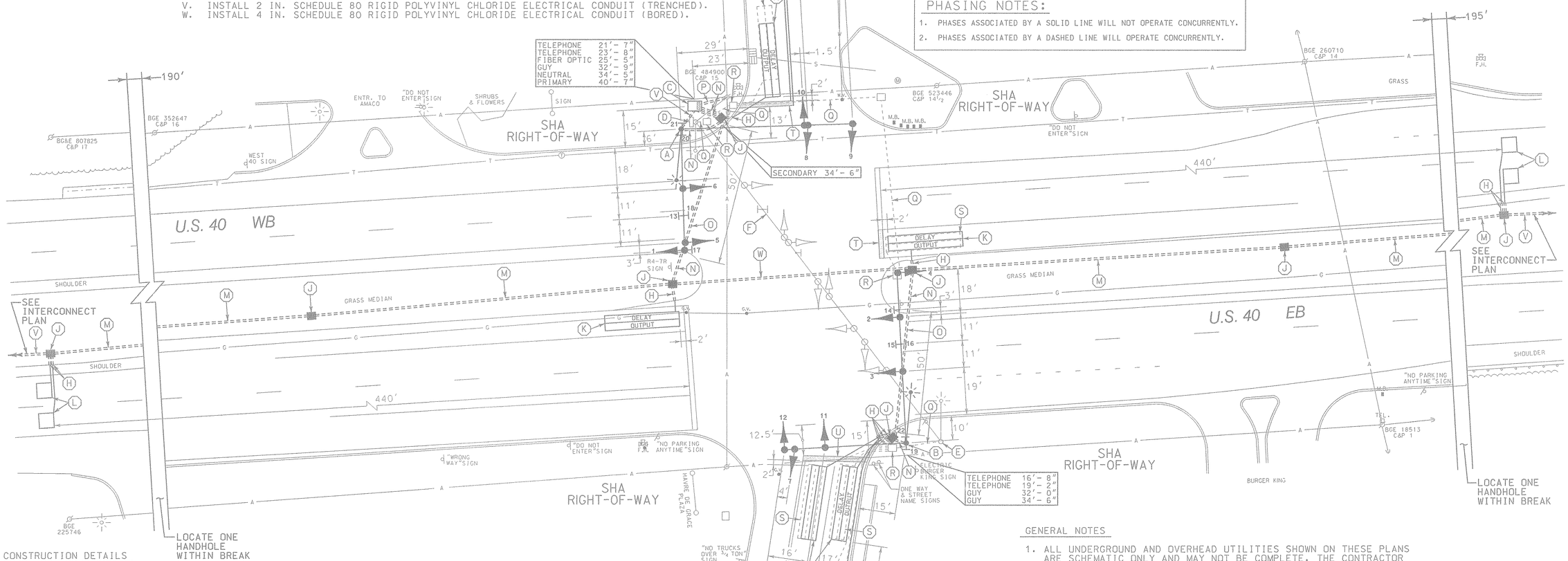


CONSTRUCTION DETAILS CONT.

Q. ABANDON EXISTING CONDUIT.
R. ABANDON EXISTING HANDHOLE.
S. ABANDON EXISTING LOOP DETECTOR.
T. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKINGS (STOP LINE).
U. REMOVE EXISTING PAVEMENT MARKINGS AND INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKINGS (STOP LINE).
V. INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
W. INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).

PHASING NOTES:

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



CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT./70 FT. MAST ARMS, TRAFFIC SIGNAL HEADS, SIGNS AND 20 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 CONDUIT BENDS IN POLE BASE).
B. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT./70 FT. MAST ARMS, TRAFFIC SIGNAL HEADS, SIGNS AND 20 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 CONDUIT BENDS IN POLE 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. REMOVE EXISTING STRAIN POLE, POLE MOUNTED CABINET AND CONTROLLER AND STREET LIGHTING ARM. REMOVE AND DISPOSE EXISTING FOUNDATION 12 IN. BELOW GRADE. DELIVER CABINET AND CONTROLLER TO SHA.
E. REMOVE EXISTING STRAIN POLE AND STREET LIGHTING ARM. REMOVE AND DISPOSE OF EXISTING FOUNDATION 12 IN. BELOW GRADE.
F. REMOVE EXISTING SPAN WIRE, SIGNAL HEADS AND SIGNS.
G. INSTALL 6 IN. YELLOW THERMOPLASTIC PAVEMENT MARKINGS FOR 100 FT. FROM STOP LINE.
H. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
J. INSTALL HANDHOLE.
K. INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
L. INSTALL 6 FT. X 6 FT. (4-TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
M. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
N. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
O. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
P. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED ELECTRICAL SERVICE. CAP AND MARK CONDUIT AT UTILITY POLE FOR USE BY OTHERS.

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 CABINET AND CONTROLLER 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. INSTALL LOOP DETECTORS PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

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

REVISIONS			
B	REBUILD TRAFFIC SIGNAL AND ADD INTERCONNECT	3-10-99	NML BCK BCK
A	RELOCATED STRAIN POLES DUE TO GEOMETRIC WORK	1-3-88	RZ

APPROVALS
ASST. TRAFFIC ENGINEERING DESIGN DIVISION
ASST. DISTRICT ENGINEER, TRAFFIC
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
U.S. 40 AND LEWIS LANE

DRAWN BY:	T.ZAYDEL	F.A.P. NO.		TS NO.	SHEET NO.
CHECKED BY:		S.H.A. NO.	AW536A58/B58	TS-1836B	
SCALE:	1"= 20'	COUNTY:	HARFORD	T.I.M.S. NO.	2 OF 7
DATE:	9-25-81	LOG MILE:	12004017.17		

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