EXISTING SIGNALS

1-4: R, Y, G (12")
5-8: R, Y, G (8")

NEMA PHASING

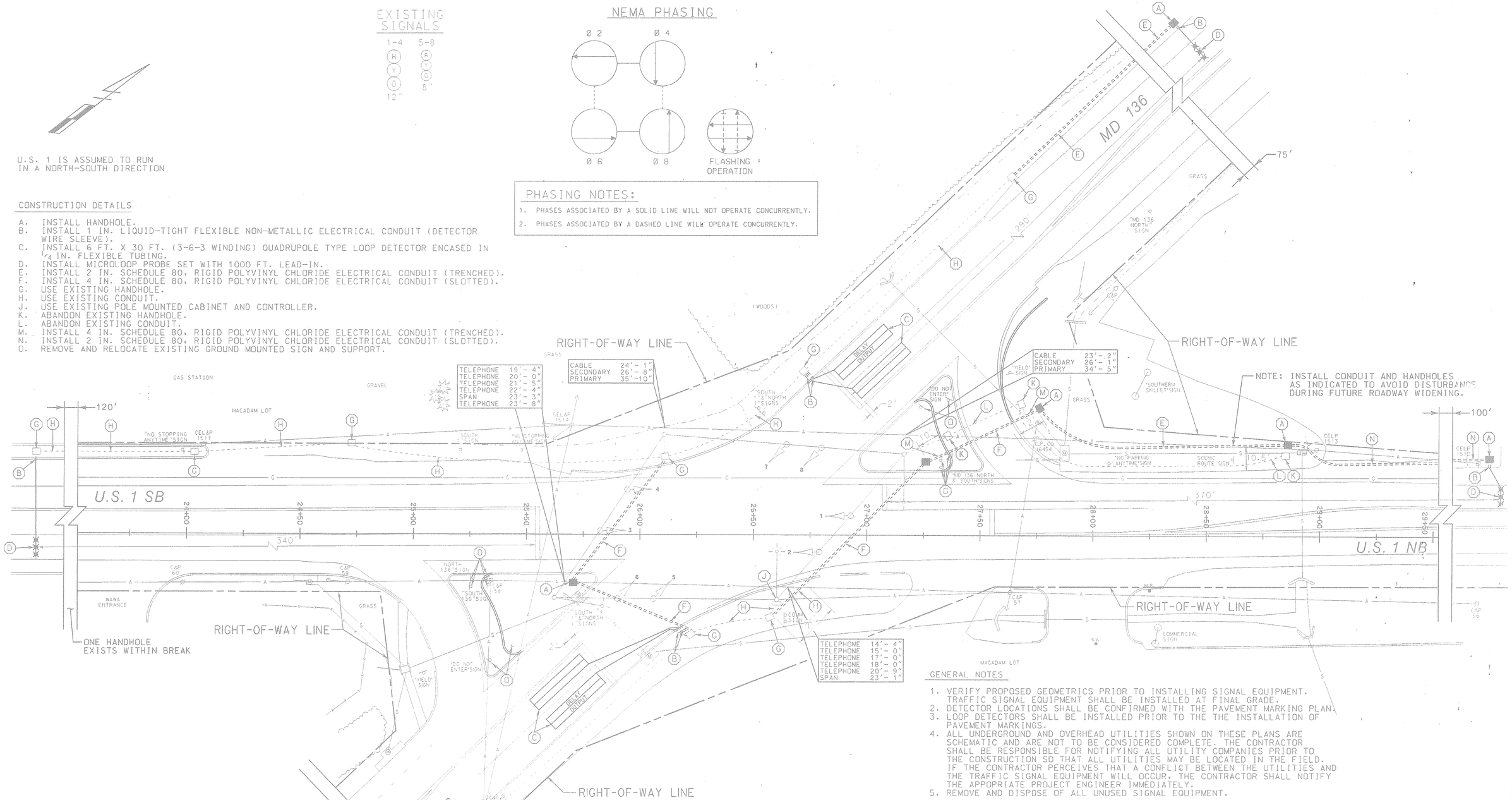
U.S. 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

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 HANDHOLE.
B. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
C. INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN ¼ IN. FLEXIBLE TUBING.
D. INSTALL MICROLOOP PROBE SET WITH 1000 FT. LEAD-IN.
E. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
F. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
G. USE EXISTING HANDHOLE.
H. USE EXISTING CONDUIT.
J. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER.
K. ABANDON EXISTING HANDHOLE.
L. ABANDON EXISTING CONDUIT.
M. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
N. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
O. REMOVE AND RELOCATE EXISTING GROUND MOUNTED SIGN AND SUPPORT.



GENERAL NOTES

1. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT. TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED AT FINAL GRADE.
2. DETECTOR LOCATIONS SHALL BE CONFIRMED WITH THE PAVEMENT MARKING PLAN.
3. LOOP DETECTORS SHALL BE INSTALLED PRIOR TO THE THE INSTALLATION OF PAVEMENT MARKINGS.
4. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPOPRIATE PROJECT ENGINEER IMMEDIATELY.
5. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL EQUIPMENT.

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	APPROVALS
A SIGNAL MODIFICATION DUE TO GEOMETRIC IMPROVEMENTS 2/5/99	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
NML	DIRECTOR TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
U.S. 1 AND MD 136

DRAWN BY:	B.KING	F.A.P. NO.		TS NO. TS-1456A	SHEET NO.
CHECKED BY:	A.BUDNECHUK	S.H.A. NO.		T.I.M.S. NO.	1 OF 2
SCALE:	1"= 20'	COUNTY:	HARFORD		
DATE:	9-9-76	LOG MILE:			