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

EXISTING SIGNALS

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

NEMA PHASING

Ø 2, Ø 4, Ø 6, Ø 8

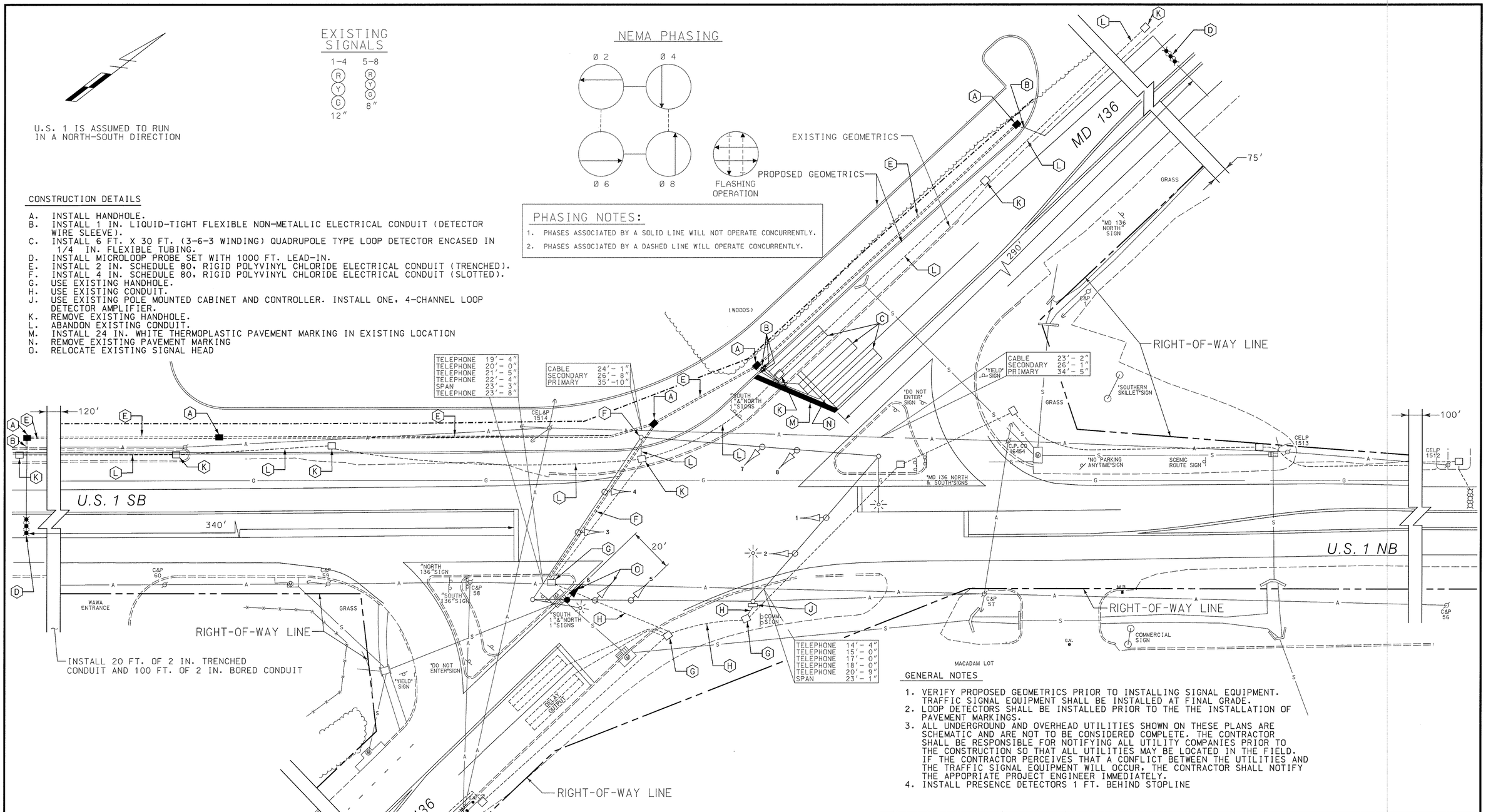
FLASHING OPERATION

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 1/4 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. INSTALL ONE, 4-CHANNEL LOOP DETECTOR AMPLIFIER.
K. REMOVE EXISTING HANDHOLE.
L. ABANDON EXISTING CONDUIT.
M. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING IN EXISTING LOCATION
N. REMOVE EXISTING PAVEMENT MARKING
O. RELOCATE EXISTING SIGNAL HEAD



GENERAL NOTES

1. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT. TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED AT FINAL GRADE.
2. LOOP DETECTORS SHALL BE INSTALLED PRIOR TO THE THE INSTALLATION OF PAVEMENT MARKINGS.
3. 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.
4. INSTALL PRESENCE DETECTORS 1 FT. BEHIND STOPLINE

TRAFFIC CONCEPTS, INC.
Brightview Business Center
8258 Veterans Highway
Suite 19A
Millersville, MD 21108
(410) 987-0427

REVISIONS	
B	REPLACE DETECTION DUE TO GEOMETRIC IMPROVEMENTS SHA NO. BW-936M82 4/26/00
A	SIGNAL MODIFICATION DUE TO GEOMETRIC IMPROVEMENTS 2/5/99

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
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. 1 AND MD 136

DRAWN BY: B.KING	F.A.P. NO.	TS NO. TS-1456B	SHEET NO.
CHECKED BY: A.BUDNECHUK	S.H.A. NO.		1 OF 2
SCALE: 1" = 20'	COUNTY: HARFORD	T.I.M.S. NO. E-111	
DATE: 9-9-76	LOG MILE: 12.09 0.14 - 0.35		