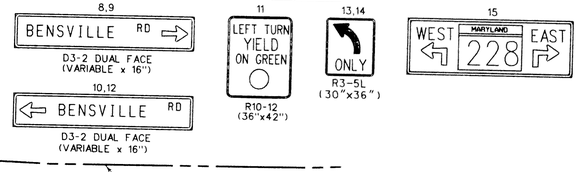
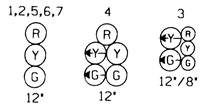
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

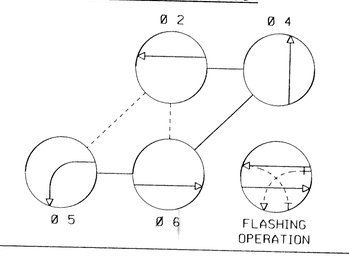
SIGNS



SIGNAL HEADS



NEMA PHASING

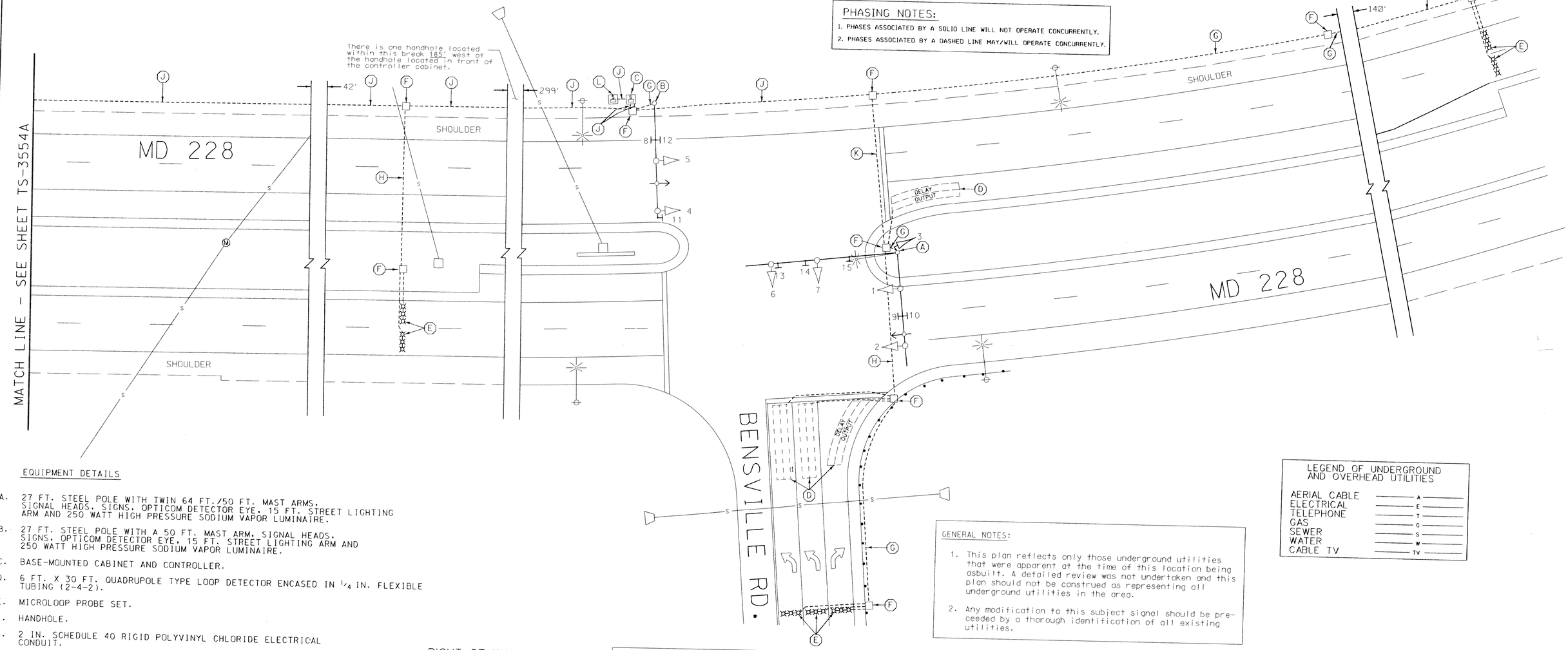


MD 228 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

RIGHT-OF-WAY LINE

PHASING NOTES:

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



EQUIPMENT DETAILS

A. 27 FT. STEEL POLE WITH TWIN 64 FT./50 FT. MAST ARMS, SIGNAL HEADS, SIGNS, OPTICOM DETECTOR EYE, 15 FT. STREET LIGHTING ARM AND 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE.

B. 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, SIGNAL HEADS, SIGNS, OPTICOM DETECTOR EYE, 15 FT. STREET LIGHTING ARM AND 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE.

C. BASE-MOUNTED CABINET AND CONTROLLER.

D. 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (2-4-2).

E. MICROLOOP PROBE SET.

F. HANDHOLE.

G. 2 IN. SCHEDULE 40 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT.

H. 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT.

J. 4 IN. SCHEDULE 40 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT.

K. 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT.

L. BASE MOUNTED CABINET AND MASTER CONTROLLER.

GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceeded by a thorough identification of all existing utilities.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

AS-BUILT PREPARED BY

STREET TRAFFIC STUDIES, LTD.

Gateway International
1302 Concourse Drive, Suite 104
Linthicum, Maryland 21090
(410) 859-3553

REVISIONS	APPROVALS	REVISIONS
(A) 6-25-96 "AS-BUILT"	ASSISTANT DIVISION CHIEF	
S.H.A. NO.: AW 760-501-571	ASST. DISTRICT ENGINEER, TRAFFIC	
ARZ	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY	

ORIGINAL ON FILE

SIGNAL NO.

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

TRAFFIC SIGNALIZATION PLAN
MD 228 AND BENSVILLE RD.

DATE: 10-4-95	DRAWN BY: S. BLOSS	F.A.P. NO.		PLAN SHEET NO.	SHEET NO.
SCALE: 1" = 20'	DESIGNED BY: T. ZAYDEL	S.H.A. NO.	AW 760-501-571	TS-3553A	___ OF ___
APPROVED BY:	CHECKED BY: T. HANNAN	COUNTY	CHARLES		