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

US 301 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.

EQUIPMENT DETAILS

A. 27 ft steel pole and 58 ft mast arm with a - 20 ft street light arm, 250 watt HPS lamp and luminaire, signals and signs (Note: 1-2 in. PVC schedule 40 conduit bend.

B. 27 ft steel pole with twin 40 ft and 30 ft mast arms with two 20 ft street lighting arms, 250 watt HPS lamp and luminaire, signals and signs. (Note: 1-2 in. PVC schedule schedule 40 conduit bend).

C. 21 ft steel pole and 40 ft mast arm with, signals, "Signal Ahead Prepare To Stop When Flashing" sign, and pole mounted cabinet (Note: 1-2 in. PVC schedule 40 conduit bend).

D. Base mounted cabinet and controller (Note: 1-2 in., 2-4 in. PVC schedule 40 conduit bends, and 1-3 in. PVC schedule 80 bend).

E. 6 ft x 6 ft loop detector (3 turns) encased in flexible tubing.

F. 6 ft x 30 ft (Quadrupole) loop detector (2-4-2 turns) encased in flexible tubing.

G. Traffic handhole.

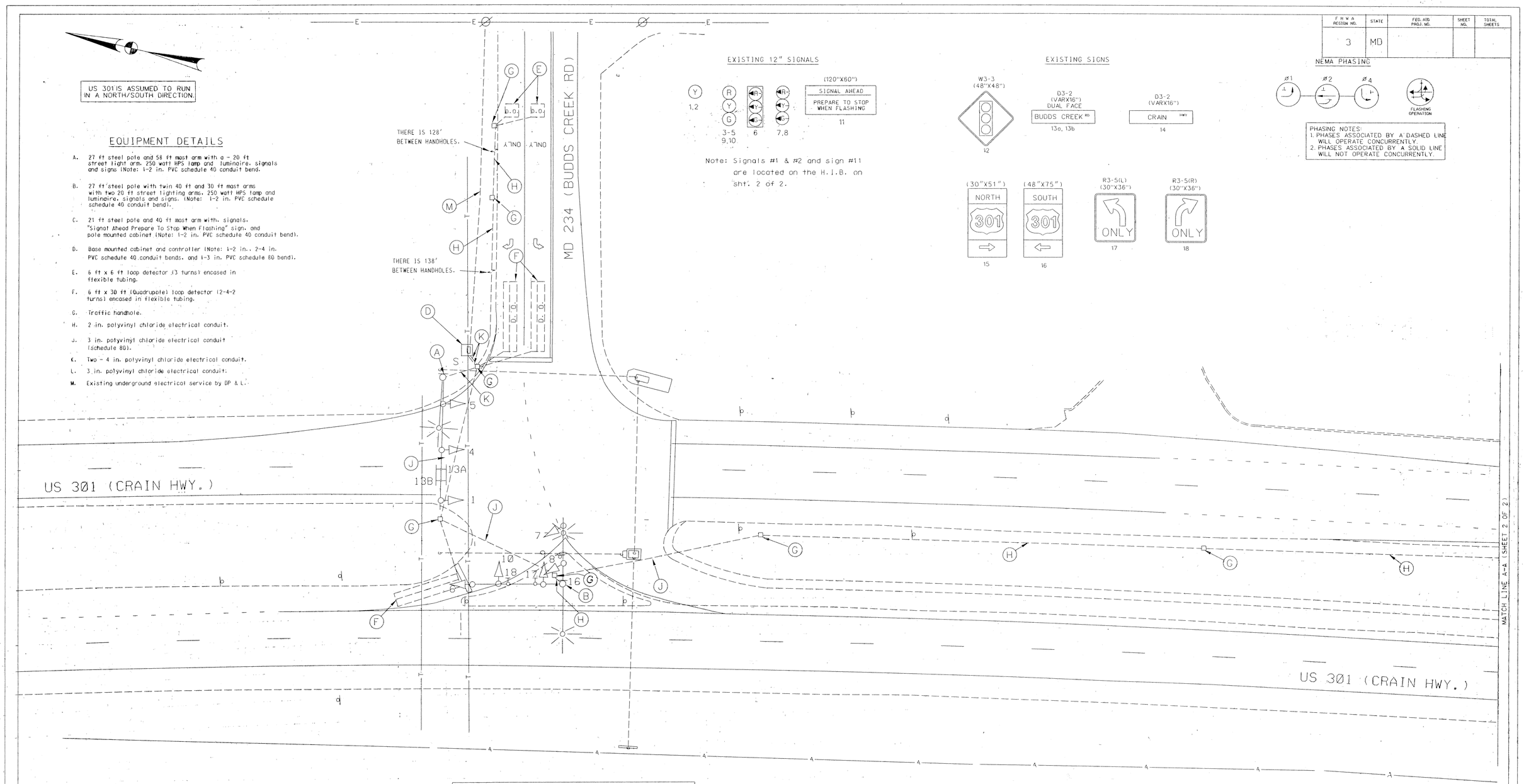
H. 2 in. polyvinyl chloride electrical conduit.

J. 3 in. polyvinyl chloride electrical conduit (schedule 80).

K. Two - 4 in. polyvinyl chloride electrical conduit.

L. 3 in. polyvinyl chloride electrical conduit.

M. Existing underground electrical service by DP & L.



EXISTING 12" SIGNALS

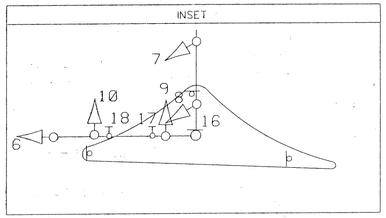
Note: Signals #1 & #2 and sign #11 are located on the H.I.B. on sht. 2 of 2.

EXISTING SIGNS

NEMA PHASING

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

INSET



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.

UTILITY LEGEND

T	T	TELEPHONE CABLES
G	G	GAS MAIN
W	W	WATER MAIN
S	S	SEWER MAIN
E	E	ELECTRIC CABLES
A	A	AERIAL CABLES
BC		BURIED CABLE
SD		STORM DRAIN

GEOMETRIC LEGEND

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

REVISION "A" ASBUILT

STREET TRAFFIC STUDIES, LTD.
Gateway International
1302 Concourse Drive, Suite 104
Linthicum, Maryland 21090
(410) 859-3553

3058

REVISIONS

Ⓐ 12/12/96
ASBUILT
SHA NO. CH 600-501-585

RR2

APPROVALS

CHIEF, SIGNAL DESIGN SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

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

ORIGINAL DRAWN BY R. CICCHINI
DES. BY D. PETERS
CHK. BY

US 301 AT MD 234

LOG MILE = 08030105.80 COUNTY: CHARLES

DATE: JUNE, 1995 F.A.P. NO.
SCALE: 1" = 20' S.H.A. NO. CH 600-501-585

TS/FILE NO. 3522 A

SHEET NO. 1 OF 2

Log Mile 080 301 05.80