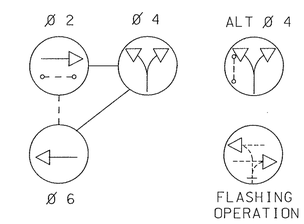
F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

MD 501 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION.

EXISTING SIGNALS

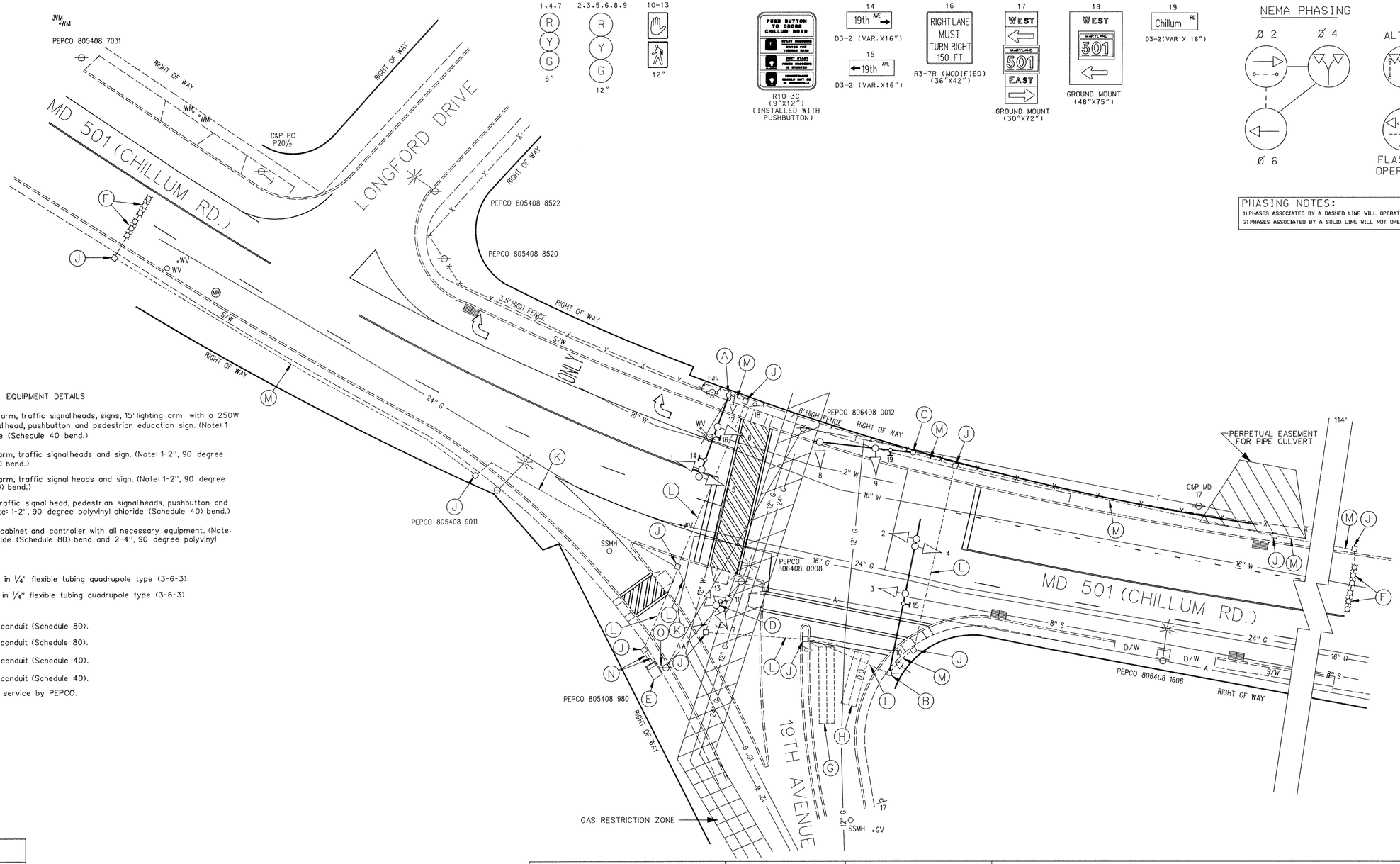
EXISTING SIGNS

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



EQUIPMENT DETAILS

A. 27' steel pole with a 34' mast arm, traffic signal heads, signs, 15' lighting arm with a 250W HPS luminaire, pedestrian signal head, pushbutton and pedestrian education sign. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 40 bend.)

B. 21' steel pole with a 60' mast arm, traffic signal heads and sign. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 40) bend.)

C. 21' steel pole with a 38' mast arm, traffic signal heads and sign. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 40) bend.)

D. 14' breakaway pedestal pole, traffic signal head, pedestrian signal heads, pushbutton and pedestrian education sign. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 40) bend.)

E. NEMA size "6" base-mounted cabinet and controller with all necessary equipment. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 80) bend and 2-4", 90 degree polyvinyl chloride (Schedule 40) bends.)

F. Micro-loop probes.

G. 6' x 30' loop detector encased in ¼" flexible tubing quadrupole type (3-6-3).

H. 6' x 21' loop detector encased in ¼" flexible tubing quadrupole type (3-6-3).

J. Handhole.

K. 2" polyvinyl chloride electrical conduit (Schedule 80).

L. 3" polyvinyl chloride electrical conduit (Schedule 80).

M. 2" polyvinyl chloride electrical conduit (Schedule 40).

N. 4" polyvinyl chloride electrical conduit (Schedule 40).

O. Existing underground electrical service by PEPCO.

UTILITY LEGEND

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

GEOMETRIC LEGEND

	EXISTING GEOMETRICS
	PROPOSED GEOMETRICS

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

3165.DGN

REVISIONS
(A) 3-28-97 ASBUILT SHA NO.: AW 791-479-385 R.R.Z.

APPROVALS

CHIEF, SIGNAL DESIGN SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

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

ORIGINAL DRAWN BY: DCI
DES. BY: WILLIAM J. CARLSON
CHK. BY:

MD 501 (CHILLUM RD.) AND 19TH ST.

LOG MILE #16050101.02 COUNTY: PRINCE GEORGES

DATE: AUGUST, 1995 F.A.P. NO. STPG - 000S(301) E
SCALE: 1"=20' S.H.A. NO. AW 791-479-385

TS/FILE NO. TS-3537A

SHEET NO. 1 OF 4