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

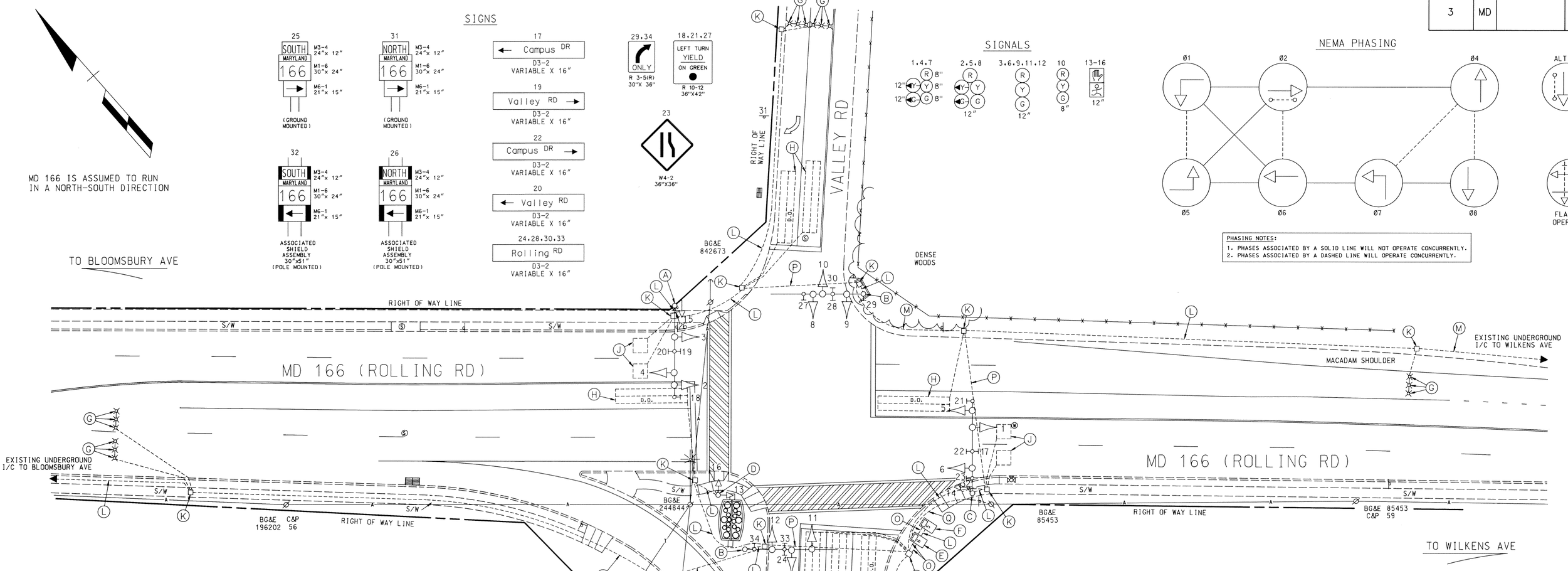
MD 166 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

SIGNS

SIGNALS

NEMA PHASING

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



EQUIPMENT DETAILS

A. 27' steel pole with a 38' mast arm, traffic signal heads, signs, pedestrian signal head and pushbutton with pedestrian education sign. (Note: 1-2" PVC (Sch. 40) bend.)

B. 27' steel pole with a 38' mast arm, traffic signal heads, signs. (Note: 1-2" PVC (Sch. 40) bend.)

C. 27' steel pole with a 38' mast arm, traffic signal heads, signs, pedestrian signal head. (Note: 1-2" PVC (Sch. 40) bend.)

D. 10' breakaway pedestal pole, pedestrian signal heads, pushbutton with pedestrian education sign. (Note: 1-2" PVC (Sch. 40) bend.)

E. NEMA size "6" base-mounted cabinet and controller with all necessary equipment, meter socket, and disconnect switch. (Note: 1-2" galvanized steel bend, 1-2" PVC (Sch. 80) bend, 1-3" PVC (Sch. 40) bend and 2-4" PVC (Sch. 40) bends.)

F. NEMA size "5" base-mounted cabinet and controller with all necessary equipment. (Note: 1-2" galvanized steel bend, 1-2" PVC (Sch. 80) bend, 1-3" PVC (Sch. 40) bend and 2-4" PVC (Sch 40) bends.)

G. Micro-loop probes.

H. 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

J. 6' x 6' loop detector encased in 1/4" flexible tubing (4-turns).

K. Handhole.

L. 2" polyvinyl chloride electrical conduit (Sch. 40).

M. 3" polyvinyl chloride electrical conduit (Sch. 40).

N. 2" polyvinyl chloride electrical conduit (Sch. 80).

O. 4" polyvinyl chloride electrical conduit (Sch. 40).

P. 4" polyvinyl chloride electrical conduit (Sch. 80).

Q. Existing underground electrical service by BGE.

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

REVISION "D" ASBUILT

STREET TRAFFIC STUDIES, LTD.

Gateway International
1302 Concourse Drive, Suite 104
Linthicum, Maryland 21090
Ph (410) 859-3553
Fax (410) 859-3579

3288A.DGN

REVISIONS

D	ASBUILT S.H.A. NO.: AW-103-501-485	10/97
C	REBUILD SIGNAL WITH MAST ARMS. INSTALL FIBER OPTIC SYSTEM S.H.A. NO.:	11-1-96
B	REBUILT MD 166 LOOP DETECTORS S.H.A. NO.: 902-502-485	9-6-96
A	AS BUILT	11/95

APPROVALS

ASST. CHIEF TEDD SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 166 (ROLLING RD) AND VALLEY RD / CAMPUS DR

DRAWN BY: G. COOK	COUNTY: BALTIMORE	TS NO. 2044 D	SHEET NO.
CHECK BY: D.J. DODA	LOG MILE: 03016601.48		1 OF 1
DATE:	F.A.P. NO.	T.I.M.S. NO.	
SCALE: 1=20'	S.H.A. NO. BW-799-801-412		