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

EXISTING SIGNS

22 — M3-1 (30" X 15") NORTH; M1-4 (45" X 36") 301; M6-1 (24" X 30")

ASSOCIATED SHIELD ASSEMBLY (48" X 75")

20 — SOUTH 301; M3-3 (24" X 12"); M1-4 (30" X 24"); M6-1 (21" X 15")

19 — W3-3 36" X 36"

10,11,14,15 — W3-3 48" X 48"

9,13 — Heathermore Blvd NEXT SIGNAL — D3-2 (MOD) VARIABLE X 32"

12,18 — Heathermore BLVD — D3-2 VARIABLE X 16" DUAL FACED

21 — Blue Star Mem Hwy — D3-2 VARIABLE X 16" DUAL FACED

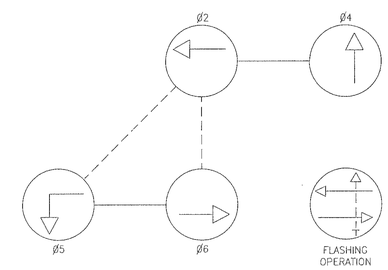
16,17 — ONLY — R 3-5(L) 30"X 36"

EXISTING SIGNALS

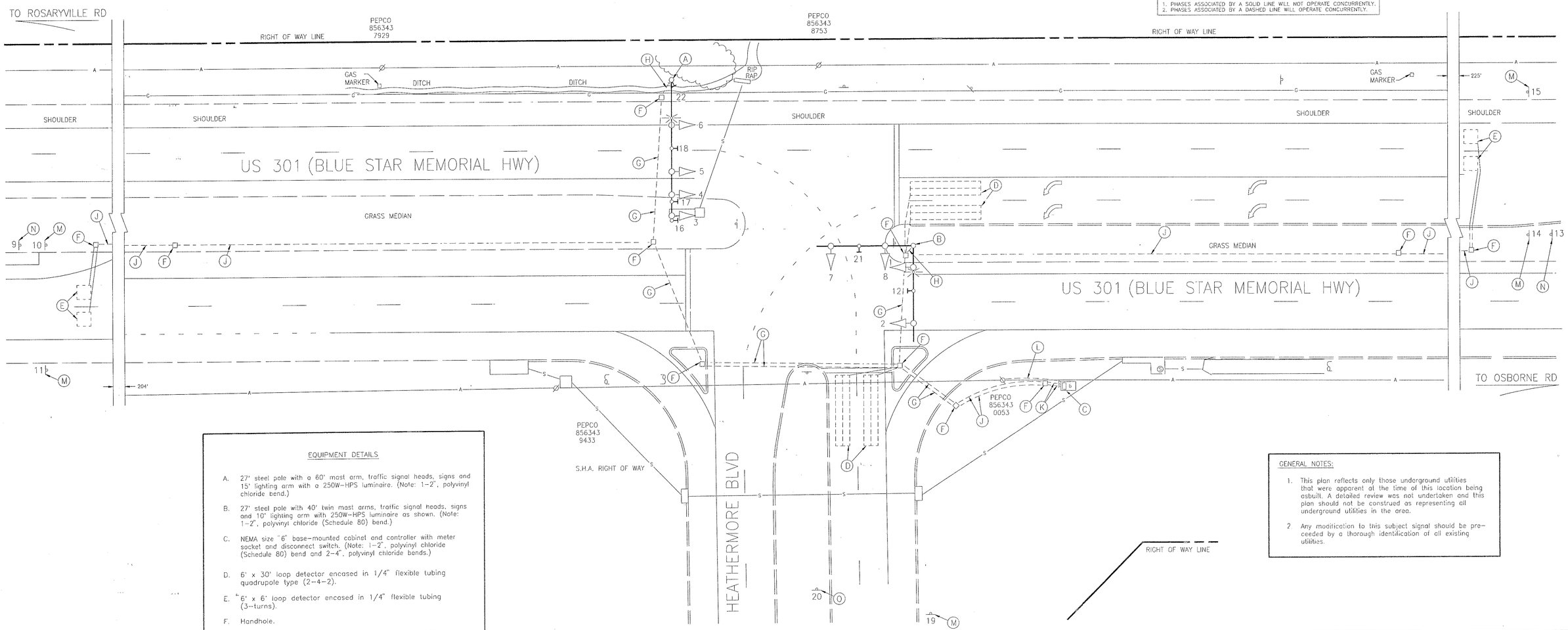
1,2,5-8 — R Y G 12"

3,4 — R Y G 12"

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 60' mast arm, traffic signal heads, signs and 15' lighting arm with a 250W-HPS luminaire. (Note: 1-2", polyvinyl chloride bend.)

B. 27' steel pole with 40' twin mast arms, traffic signal heads, signs and 10' lighting arm with 250W-HPS luminaire as shown. (Note: 1-2", polyvinyl chloride (Schedule 80) bend.)

C. NEMA size "6" base-mounted cabinet and controller with meter socket and disconnect switch. (Note: 1-2", polyvinyl chloride (Schedule 80) bend and 2-4", polyvinyl chloride bends.)

D. 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (2-4-2).

E. 6' x 6' loop detector encased in 1/4" flexible tubing (3-turns).

F. Handhole.

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

H. 2" polyvinyl chloride electrical conduit.

J. 3" polyvinyl chloride electrical conduit.

K. 4" polyvinyl chloride electrical conduit.

L. Underground electrical service by PEPCO.

M. Ground mounted W3-3 sign.

N. Ground mounted D3-2 (MOD) sign.

O. Ground mounted ASSOCIATED SHIELD ASSEMBLY sign.

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.

GEOMETRIC LEGEND

PROPOSED
EXISTING

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 "A"

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

3106

REVISIONS

A — 11-21-96 — ASBUILT — SHA NO: BW 841-802-312 — R.R.Z.

APPROVALS

ORIGINAL ON FILE

CHIEF, SIGNAL DESIGN SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC AND SAFETY

MDOT — STATE HIGHWAY ADMINISTRATION

Office of Traffic and Safety

TRAFFIC ENGINEERING DESIGN DIVISION

LOG MILE: 16030109.47

DRAWN BY: W J NIES (FOR STS)
DES. BY: R R ZACHERL (FOR STS)
CHK. BY:

US 301 (BLUE STAR MEMORIAL HWY) AND HEATHERMORE BLVD
COUNTY PRINCE GEORGE'S

DATE: 11-20-95
SCALE: 1" = 20'
F.A.P. NO.
S.H.A. NO. BW 841-802-312

TS/STD. NO. 3565A

SHEET NO. 1 OF 1

NOV 2 2 1996