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

SIGNS

14-17 Billingsley RD
D3-2 (DUAL FACE) VARIABLE x 16"

18	19	22	23
SOUTH 301 →	NORTH 301 ←	NORTH 301 →	SOUTH 301 ←
ASSOCIATED SHIELD ASSEMBLY	ASSOCIATED SHIELD ASSEMBLY	ASSOCIATED SHIELD ASSEMBLY	ASSOCIATED SHIELD ASSEMBLY

THERE IS ONE (1) HANDHOLE LOCATED WITHIN THIS BREAK, 287' WEST OF US 301 ROAD EDGE

OVERHEAD I/C NORTH TO SMALLWOOD DR

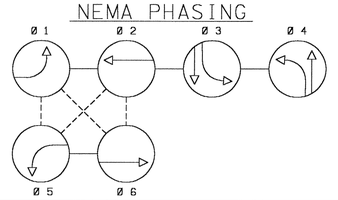
OVERHEAD I/C SOUTH TO DEMARR ROAD

BILLINGSLEY RD

SIGNALS

1,2,5,6	3,4,7,8, 10,12	9,11
R, Y, G	R, Y, G	R, Y, G
12"	12"	12"

NEMA PHASING



FLASHING OPERATION

NEMA NOTES:

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

TO DeMARR RD

MACADAM SHOULDER

US 301

GRASS MEDIAN

SHA RIGHT-OF-WAY 180'

PAINTED ISLAND

SMECO POLE

SMECO POLE

CONC. MEDIAN

JACKPOT CT

BILLINGSLEY RD

MD 925

RIGHT-OF-WAY LINE

119'

TO SMALLWOOD DR

EQUIPMENT DETAILS

A. 12" x 30' steel strain pole signs (Note: 1-2" PVC (Sch. 40) bend.)
B. 12" x 30' steel strain pole, 15' lighting arm with a 250W-HPS luminaire, traffic signal head, and 1-3" weatherhead. (Note: 1-3" PVC (Sch. 40) bend.)
C. 12" x 30' steel strain pole, 15' lighting arm with a 250W-HPS luminaire, traffic signal head and 2-3" weatherheads. (Note: 2-3" PVC (Sch. 40) bends.)
D. 12" x 30' steel strain pole, signs and 1-2" weatherhead. (Note: 1-2" PVC (Sch. 40) bends.)
E. NEMA size "6" base-mounted cabinet and controller with all necessary equipment. (Note: 3-2" PVC (Sch. 40) bends and 2-4" PVC (Sch. 40) bends.)
F. Master cabinet and controller with all necessary equipment. (Note: 2-2" PVC bends and 1-3" PVC bend.)
G. 3/8" steel span wire, traffic signal heads and sign. (Note: Signal heads are tethered using 1/4" tether wire.)
H. 3/8" steel span wire, traffic signal heads . (Note: Signal heads are tethered using 1/4" tether wire.)
J. Micro-loop probes.
K. 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).
L. 6' x 6' loop detector encased in 1/4" flexible tubing (4-turns).
M. Handhole.
N. 2" polyvinyl chloride electrical conduit (Sch. 80).
O. 3" polyvinyl chloride electrical conduit (Sch. 80).
P. 2" polyvinyl chloride electrical conduit (Sch. 40).
Q. 3" polyvinyl chloride electrical conduit (Sch. 40).
R. 4" polyvinyl chloride electrical conduit (Sch. 40).
S. Underground electrical service by SMECO.
T. Overhead interconnect south to DeMarr Road.
U. Overhead interconnect north to Smallwood Drive.

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 "C" ASBUILT

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

3419.DGN

REVISIONS

C	7-9-98 ASBUILT SHA NO.: CH6085177 RRZ
B	1-98 Replace detection due to resurfacing project SHA • CH6085177
A	6-94 Install E/P Lefts on N/B and S/B US 301 SHA • CH 6085177 MEL

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
US 301 AND BILLINGSLEY ROAD

DRAWN BY: S.R. BARANOWSKI	COUNTY: CHARLES CO.	TS NO. 2484C	SHEET NO. 1 OF 1
CHECK BY: R.R. ZACHERL	LOG MILE: 08030121.01	T.I.M.S. NO.	
DATE:	F.A.P. NO.		
SCALE: 1" = 20'	S.H.A. NO.		