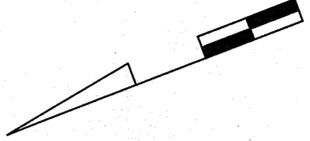


DRILL HOLES

BORDER REV DATE: June 1, 2004



US 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

9

R3-2
(36" x 36")

10

R10-11b
(30" x 30")

11,12

Guilford Road
NEXT SIGNAL

EXISTING SIGNALS WITH PROPOSED LED MODULES

1-3

12"

PROPOSED LED SIGNALS

4,5

12"

→ - OPTICOM DETECTOR
□ - VIDEO DETECTION CAMERA (a)

NEMA PHASING

02

04

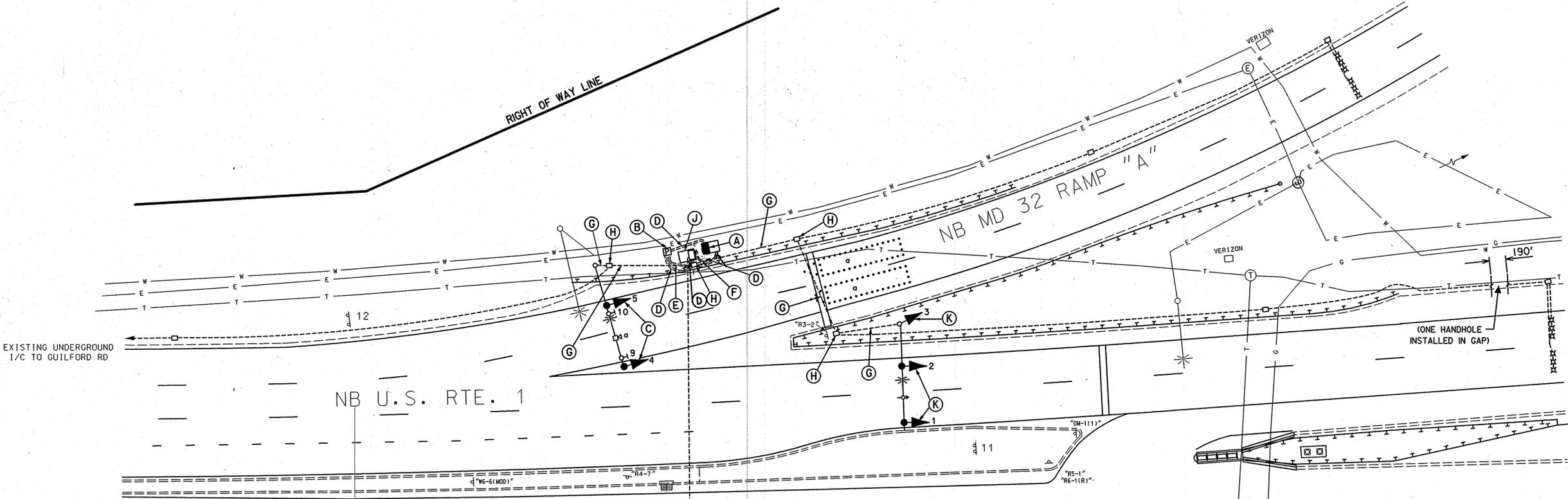
FLASHING OPERATION

PRE-EMPT #1

PHASING NOTES:

1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

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



SPECIAL NOTE

1. SIGNAL HEADS 3-5 SHALL BE ALIGNED SO AS NOT TO BE VISIBLE FROM THE NBUS1 APPROACH. IF HEADS 4-5 CANNOT BE ADJUSTED TO PROVIDE RAMP VISIBILITY AND BE SHIELDED FROM NB US1 TRAFFIC, THEN THEY SHALL REMAIN AS THE EXISTING 3M PROGRAMMABLE HEADS.

- CONSTRUCTION DETAILS**
- A. Install NEMA size 5 base mounted cabinet with battery backup system.
 - B. Install proposed metered service pedestal. (Note: BGE shall do a work with to utilize the existing underground feed.)
 - C. Remove existing signal head and install LED signal head as shown. (Note: Contractor shall use existing wiring.)
 - D. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
 - E. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
 - F. Locate existing spare 2" conduit bend and use for new service feed from proposed battery backup.
 - G. Use existing conduit.
 - H. Use existing handhole.
 - J. Use existing base mounted cabinet.
 - K. Install proposed LED modules in existing signal heads. (Note: Contractor shall use existing wiring)

GENERAL NOTES:

- This plan reflects only those underground utilities that were apparent at the time of this location being as built. A detailed review was not undertaken and the plan should not be construed as representing all underground utilities in the area.
- Cabinet and pedestal locations shall be marked in the field.
- All existing power services shall be removed by BGE after installation of proposed power services.

SHA NO:HO407A53/B53/CS3
SHA NO:BW602M84
TOD NO:AX142-09
MD32,US1,M103,MD108,MD175

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 "B"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy., N.W.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

5353b.dgn T-103

APPROVALS	REVISIONS
<p>ORIGINAL ON FILE</p>	<p>8/10/07 INSTALL L.E.D. SIGNAL HEADS AND BATTERY BACK-UP DEVICES. SHA NO. AX142-09 JWA A ADDITION OF OPTICOM SHA NO. AT2885185 F522 JUNE, 2003</p>
<p>TEAM LEADER</p> <p>ASST. DIV.</p> <p>DIVISION CHIEF</p> <p>OFFICE DIRECTOR</p>	<p>FILE: #DATE#</p> <p>FILE: #FILES#</p>

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

NB US 1 AT NB MD 32 RAMP A

SAVAGE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE MAY 2002 CONTRACT NO.

DESIGNED BY STB	COUNTY HOWARD
DRAWN BY STB	LOGMILE 13000103.15
CHECKED BY	TIMS NO. 1544
F.A.P. NO.	TOD NO.

TS NO. 4181B DRAWING NO. 1 OF 2 SHEET NO. OF

SHA 5/15/03 11:24:15 AM