DRILL HOLES

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BORDER REV. DATE: June 1, 2004

NOTE: BROKEN LAND PARKWAY IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

SIGNS

18,19,20 — LEFT TURN YIELD ON GREEN — R 10-12 36"X42"

21,22 — R3-6L 30"X 36"

23 — ONLY | ONLY — R3-5b(L) 36"x 60"

24 — EAST, MARYLAND 32, ONLY — (MOUNTED ON MAST ARM POLE)

25 — TO 95, EAST MARYLAND 32, FT. MEAD

26 — WEST MARYLAND 32

27 — TO 29

28 — WEST MARYLAND 32

EXISTING OPTICOM DETECTOR EYE

-O- OPTICOM DETECTOR

PROPOSED LED SIGNALS

1: R 8", Y 8", G 8"; 12", 12"

2: R, Y, G; 12"

6,11: R, Y, G; 12"

4,5,9,10: R, Y, G; 12"

3,7,8, 12-17: R, Y, G; 12"

NEMA PHASING

Ø1: 1&4&7; 1&4&6&7

Ø7: OLA 2&3&7; OLD 1&4&7; OLB 1&4&6&7

Ø2: 2&3&7

Ø3: 3&5

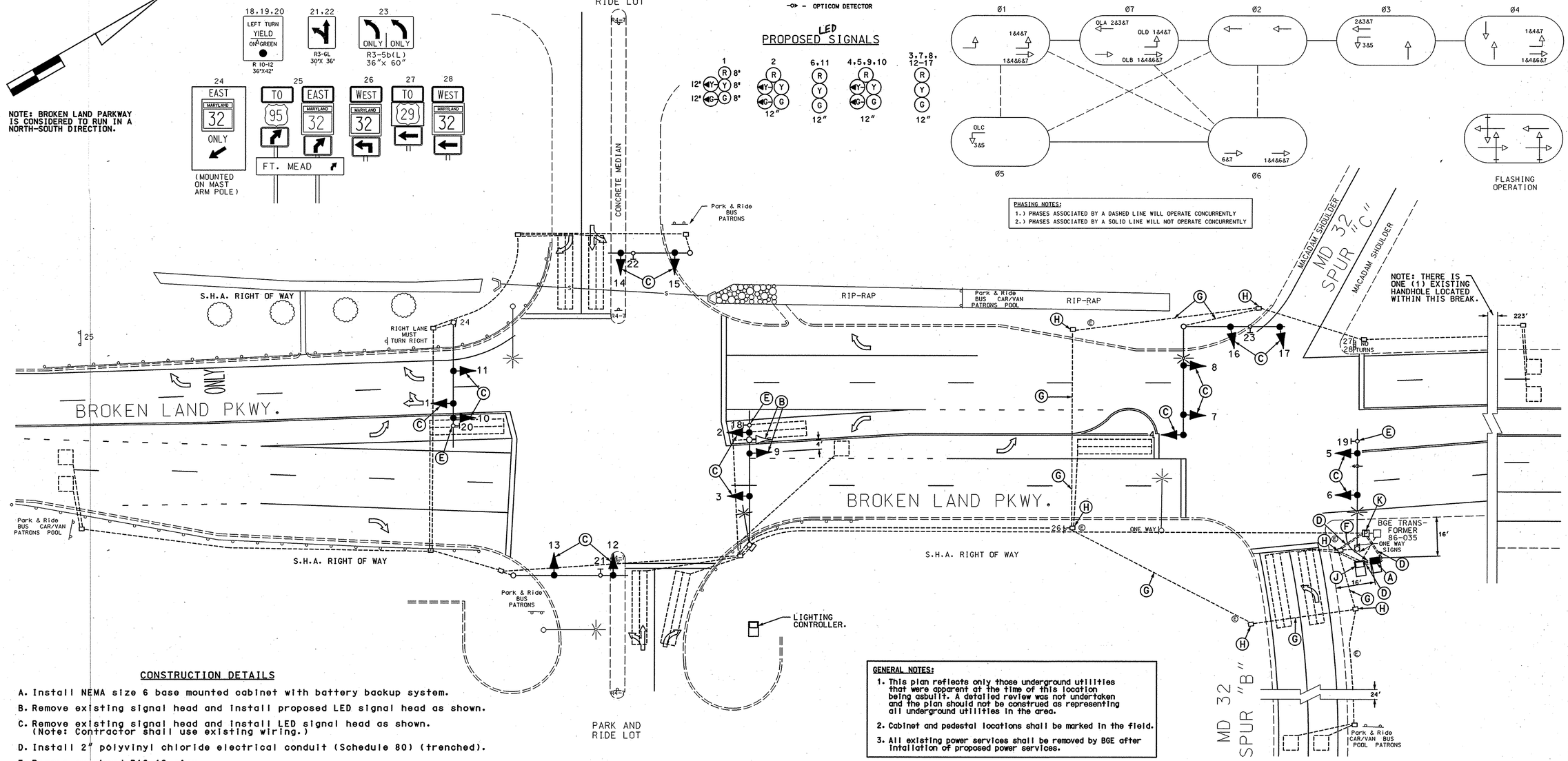
Ø4: 1&4&7; 1&4&6&7

Ø5: OLC; 3&5

Ø6: 6&7; 1&4&6&7

FLASHING OPERATION

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



CONSTRUCTION DETAILS

A. Install NEMA size 6 base mounted cabinet with battery backup system.

B. Remove existing signal head and install proposed LED signal head as shown.

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. Remove overhead R10-12 sign.

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. Use existing metered service pedestal.

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 the plan should not be construed as representing all underground utilities in the area.
2. Cabinet and pedestal locations shall be marked in the field.
3. All existing power services shall be removed by BGE after installation of proposed power services.

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—

REVISON "E"

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Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

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APPROVALS

TEAM LEADER — ORIGINAL ON FILE
ASST. DIV.
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

E INSTALL L.E.D. SIGNAL HEADS AND BATTERY BACKUP DEVICES SHA#:AX1425185 4/18/07
JWA CJS
D ASBUILT SHA NO.: HO 758-201-781 3-19-96
RRZ
C RECONSTRUCT SIGNALS DUE TO NEW PARK & RIDE LOT AND REVISE PHASING SHA NO.: HO 758-201-781 1-16-95
RRZ

PLOTTED: #DATETIME#
FILE: #FILE#

SHA: No.: HO407A52/C52
BW425M84
TOD No.: AX142-05
US 29, US 40, MD 32 MD175

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

BROKEN LAND PARKWAY AND MD 32 (SPUR "B")/ PARK AND RIDE LOT

GUILFORD, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 2-27-86 CONTRACT NO. HO-644-451-785

DESIGNED BY GENE SIMMERS
DRAWN BY GENE SIMMERS
CHECKED BY STEVE RENZI
F.A.P. NO.

COUNTY HOWARD
LOGMILE 13CBR003.23
TIMS NO. I288
TOD NO.

TS NO. 2158E | DRAWING NO. 1 OF 2 | SHEET NO. OF

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