DRILL HOLES

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BORDER REV: DATE: June 1, 2004

NOTE: BROKENLAND PARKWAY IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS

7.8

R3-5
30" x 36"

EXISTING SIGNALS

1-6

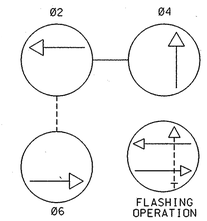
12"

PROPOSED LED SIGNALS

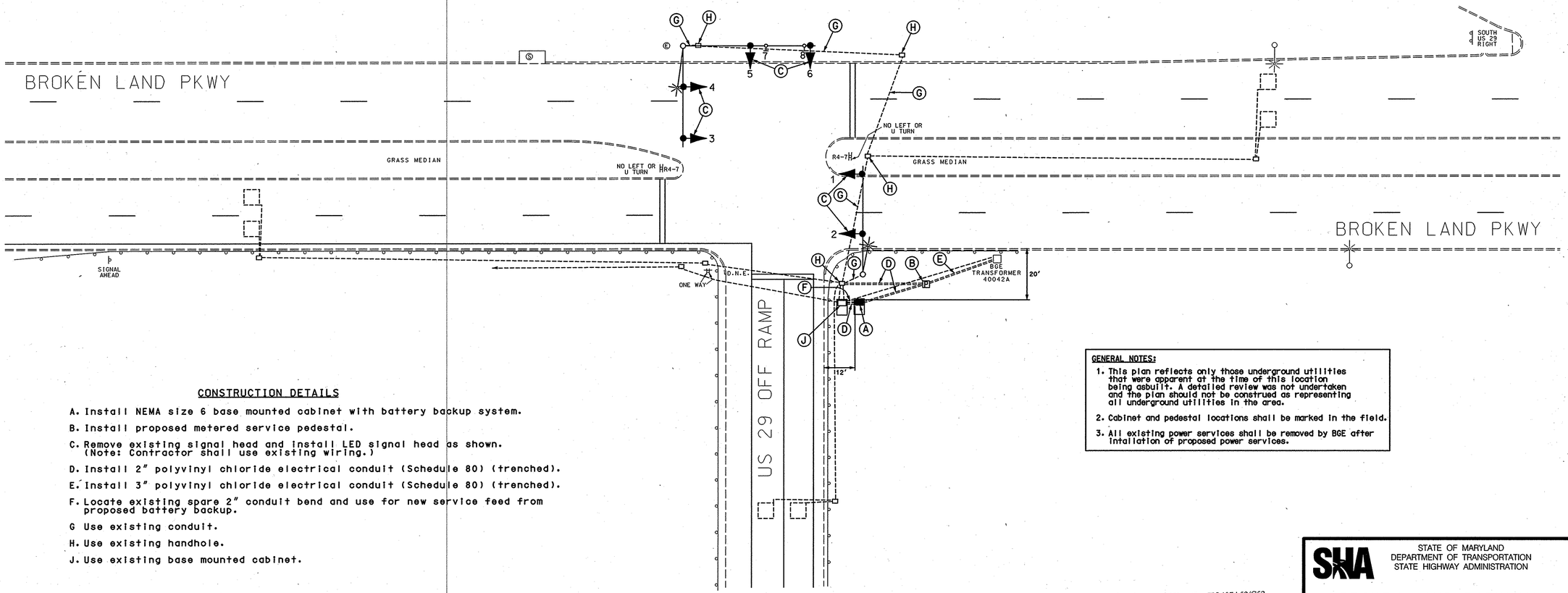
1-6

12"

NEMA PHASING



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



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 intallation of proposed power services.

CONSTRUCTION DETAILS

A. Install NEMA size 6 base mounted cabinet with battery backup system.
B. Install proposed metered service pedestal.
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 3" 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.

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.
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Glen Burnie,MD 21061
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APPROVALS

ORIGINAL ON FILE

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

B INSTALL L.E.D. SIGNAL HEADS AND BATTERY BACKUP DEVICES 4/18/07 SHA#:AX1425185
JWA CTS

PLOTTED: $DATETIME$
FILE: $FILE$

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

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

BROKEN LAND PARKWAY AND US 29 OFF RAMP
COLUMBIA, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 12/28/06 CONTRACT NO.

DESIGNED BY J ALLEN
DRAWN BY R CICCHINI
CHECKED BY
F.A.P. NO.

COUNTY HOWARD
LOGMILE 13CBRO 00.95
TIMS NO. I288
TOD NO.

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

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