DRILL HOLES

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BORDER REV: DATE: June 1, 2004

PROPOSED SIGNS

18.19
PUSH BUTTON TO CROSS OLD ANNAPOLIS RD
START CROSSING WATCH FOR TURNING CARS
CAN'T START WATCH CROSSING
ALREADY THE WARNING TO FINISH CROSSING
PEDESTRIANS SHOULD NOT BE CROSSING
R10-3(1)
9" x 15"

EXISTING SIGNS

26 EAST M3-2 24"x 12" / MARYLAND 108 M1-5 30"x 24" / MARYLAND 104 M1-5 30"x 24" / M6-1 21"x 15"

27 WEST M3-4 30"x 15" / MARYLAND 108 M1-5 30"x 24" / M6-1 21"x 15"

24 EAST M3-2 24"x 12" / MARYLAND 100 M1-5 30"x 24" / M6-1 21"x 15"

22 JCT / MARYLAND 104 M1-5 30"x 24"

23 Jonestown / Tricross Dr

25 Clarksville 8

14 Old Annapolis RD
D3-2
VARIABLE X 16"

11 LEFT TURN YIELD ON GREEN
R10-12
36"x 42"

12 WEST M3-4 30"x 15" / MARYLAND 108 M1-5 30"x 24" / M6-1 21"x 15"

13 EAST M3-2 24"x 12" / MARYLAND 108 M1-5 48"x 36" / M6-1 30"x 24"

15,16 ONLY
R3-5L
30" x 36"

17 ONLY
R3-5R
30" x 36"

20 EAST M3-2 24"x 12" / MARYLAND 100 M1-5 30"x 24" / M6-1 21"x 15"

21 TO WEST M3-4 30"x 15" / MARYLAND 108 M1-5 30"x 24" / M6-1 21"x 15"

NOTE: MD 108 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.

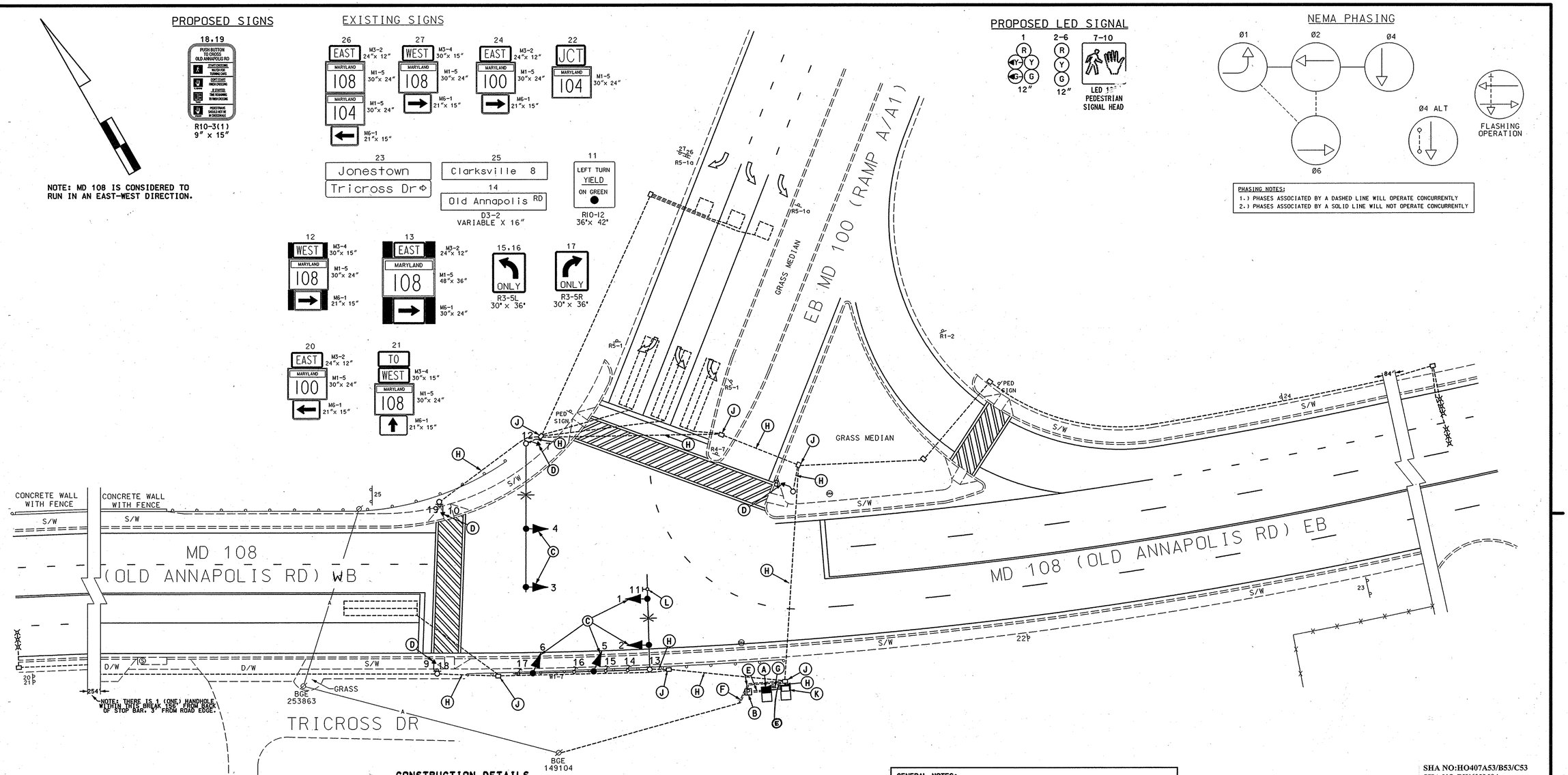
PROPOSED LED SIGNAL

1 R Y G 12"
2-6 R Y G 12"
7-10 LED 12" PEDESTRIAN SIGNAL HEAD

NEMA PHASING

Ø1 Ø2 Ø4 Ø6
Ø4 ALT
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 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. Remove existing pedestrian signal head and install countdown pedestrian signal heads. (Note: Contractor shall use a new 5 conductor wire for new pedestrian signal head.)

E. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

F. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

G. Locate existing spare 2" conduit bend and use for new service feed from proposed battery backup.

H. Use existing conduit.

J. Use existing handhole.

K. Use existing base mounted cabinet.

L. Remove existing overhead R10-12 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 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.

SHA NO:HO407A53/B53/C53
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—

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APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV.	
DIVISION CHIEF	
OFFICE DIRECTOR	

ORIGINAL ON FILE

D 8/10/07 INSTALL L.E.D. SIGNAL HEADS AND BATTERY BACK-UP DEVICES. SHA No. AX142S1B5
JWA CTS WWS
C ASBUILT HO-661-701-770
AF

PLOTTED: @DATETIME@
FILE: @FILE@

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 108 AT EB MD 100
(RAMP A/A1)

COLUMBIA, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 3/15/98 CONTRACT NO. HO-661-502-770

DESIGNED BY
DRAWN BY ROB CICCHINI
CHECKED BY SCOTT CHERNACK DCI
F.A.P. NO.
COUNTY HOWARD
LOGMILE 13010812.24
TIMS NO. 1544
TOD NO.

TS NO. 3611D | DRAWING NO. 1 OF 2 | SHEET NO. OF

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