DRILL HOLES

BORDER REV: DATE: June 1, 2004

MD 648E IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION

PROPOSED SIGNS

R10-4(1) 9" x 12" — PUSH BUTTON TO CROSS BALT-ANNAPOLIS BLVD; START CROSSING WATCH FOR TURNING CARS; DON'T START FINISH CROSSING IF STARTED; PEDESTRIANS STAY ON SIDEWALK OR CROSSWALK; STREET NAME INSTRUCTIONS IN BRAILLE TYPE 2

R10-4(1) 9" x 12" — PUSH BUTTON TO CROSS FURNACE BRANCH ROAD; START CROSSING WATCH FOR TURNING CARS; DON'T START FINISH CROSSING IF STARTED; PEDESTRIANS STAY ON SIDEWALK OR CROSSWALK; STREET NAME INSTRUCTIONS IN BRAILLE TYPE 2

R10-4(1) 9" x 12" — PUSH BUTTON TO CROSS FURNACE BRANCH ROAD; START CROSSING WATCH FOR TURNING CARS; DON'T START FINISH CROSSING IF STARTED; PEDESTRIANS STAY ON SIDEWALK OR CROSSWALK; STREET NAME INSTRUCTIONS IN BRAILLE TYPE 2

13,14 — MD 648 E

15, 16 — FURNACE BRANCH ROAD

EXISTING SIGNS

12: Furnace Br. Rd. ⇨ | ⇦ Furnace Br. Rd.

D3-2 (DUAL-FACED) VARIABLE X 16"

EXISTING SIGN TO BE REMOVED

LEFT TURN YIELD ON GREEN

R10-12 36"x 42"

PROPOSED SIGNALS

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

2: R, Y, G, 12"

3,4,6: R, Y, G, 12"

5,7: R, Y, G, 12"

8-11: LED 16" COUNTDOWN PEDESTRIAN SIGNAL HEAD

NOTE:
ALL SIGNAL HEADS ARE TO BE "LED" TYPE

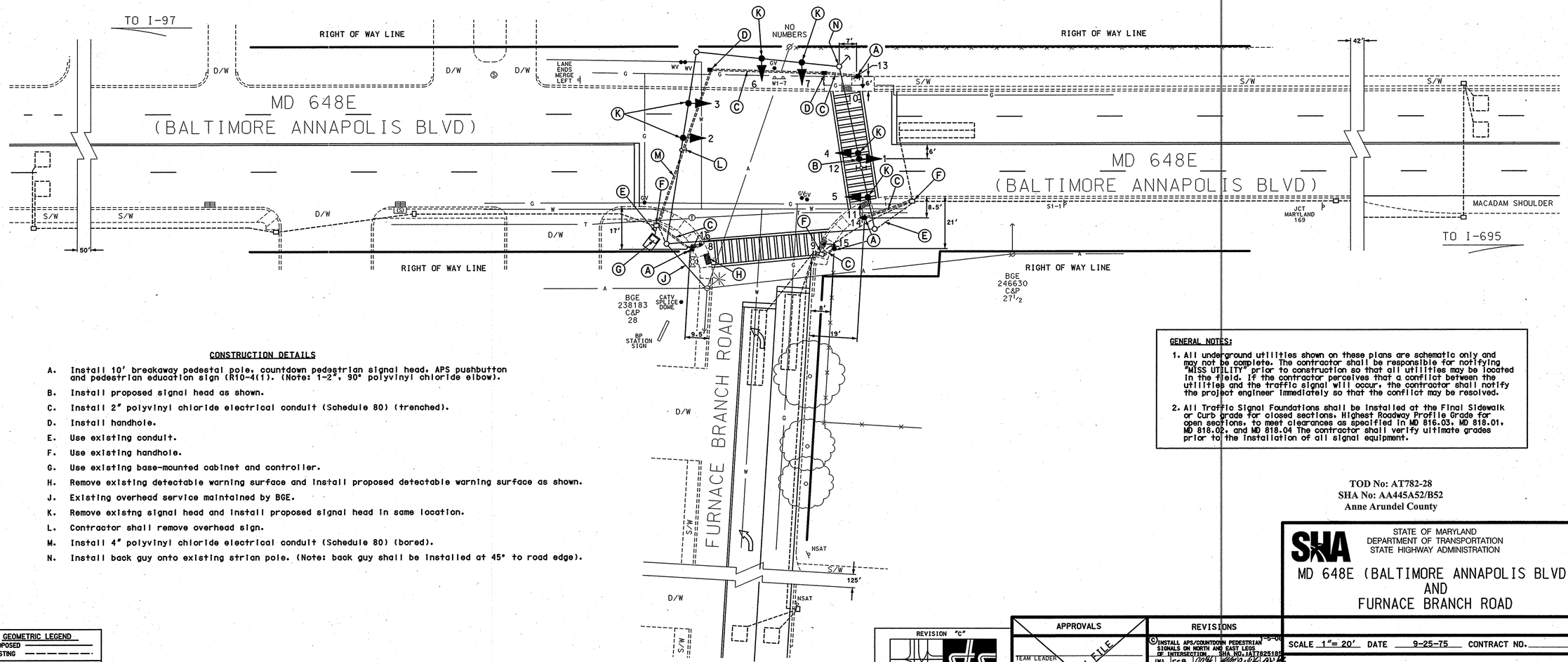
NEMA PHASING

Ø2, Ø5, Ø6, Ø4, OVL

FLASHING OPERATION

Ø4 ALT

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 10' breakaway pedestal pole, countdown pedestrian signal head, APS pushbutton and pedestrian education sign (R10-4(1). (Note: 1-2", 90° polyvinyl chloride elbow).

B. Install proposed signal head as shown.

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

D. Install handhole.

E. Use existing conduit.

F. Use existing handhole.

G. Use existing base-mounted cabinet and controller.

H. Remove existing detectable warning surface and install proposed detectable warning surface as shown.

J. Existing overhead service maintained by BGE.

K. Remove existng signal head and install proposed signal head in same location.

L. Contractor shall remove overhead sign.

M. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).

N. Install back guy onto existing strian pole. (Note: back guy shall be installed at 45° to road edge).

GENERAL NOTES:

1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.

2. All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections, Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04 The contractor shall verify ultimate grades prior to the installation of all signal equipment.

TOD No: AT782-28
SHA No: AA445A52/B52
Anne Arundel County

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 648E (BALTIMORE ANNAPOLIS BLVD) AND FURNACE BRANCH ROAD

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 "C"

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

4929.dgn D6-55

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

C INSTALL APS/COUNTDOWN PEDESTRIAN SIGNALS ON NORTH AND EAST LEGS OF INTERSECTION SHA NO. IAT825185 JWA FCB 7-5-06

B ASBUILT SHA NO.: 998-501-586 DD

A REDRAWN SHA NO.: 6-8-78 GBH

PLOTTED: @DATETIME@
FILE: @FILE@

SCALE 1"= 20' DATE 9-25-75 CONTRACT NO.

DESIGNED BY
DRAWN BY KGA
CHECKED BY
F.A.P. NO.

COUNTY ANNE ARUNDEL
LOGMILE 02E6480i.77
TIMS NO. H246
TOD NO.

TS NO. 1467C | DRAWING NO. 1 OF 2 | SHEET NO. OF

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