DRILL HOLES

BORDER REV: DATE: June 1, 2004

MD 150 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION

PROPOSED SIGNS

7b: Island Point RD ⇨ | 7a: ⇦ Island Point RD

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

8: Eastern Blvd — WEST ← | MARYLAND 150 | EAST →

M95-1(MOD) 78"x 40"

PROPOSED SIGNALS

1-4 (Y) 12" 5,6 (R) 12"

LED SIGNALS

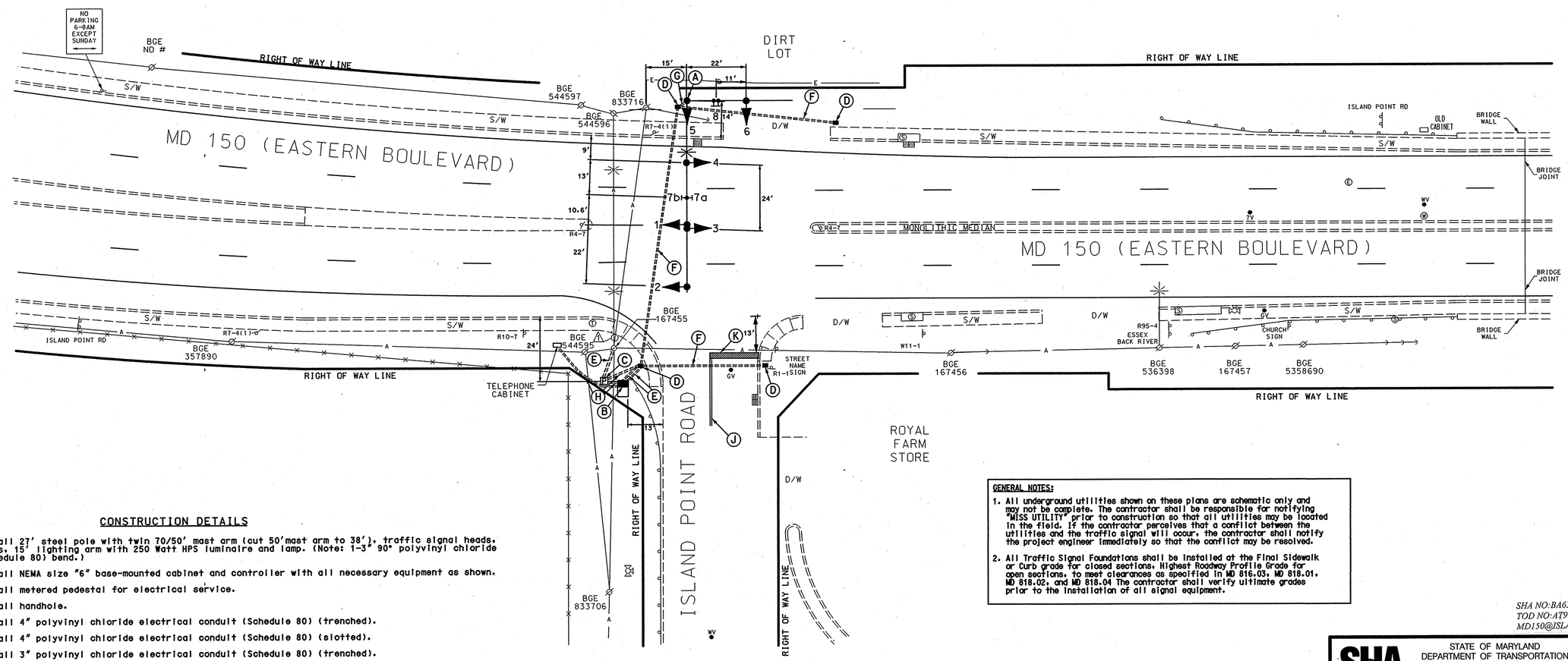
NEMA PHASING

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 27' steel pole with twin 70/50' mast arm (cut 50' mast arm to 38'), traffic signal heads, signs, 15' lighting arm with 250 Watt HPS luminaire and lamp. (Note: 1-3" 90° polyvinyl chloride (schedule 80) bend.)

B. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown.

C. Install metered pedestal for electrical service.

D. Install handhole.

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

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

G. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

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

J. Install 25' of 5" double yellow, heat applied permanent preformed thermoplastic pavement marking. (centerline)

K. Install 24" white, heat applied permanent preformed thermoplastic pavement marking. (stopline)

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.

SHA NO:BA633A5A/B5A
TOD NO:AT912-14
MD150@ISLAND POINT RD

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—

OVERHEAD HEIGHTS

PRIMARY	34'- +/-
SECONDARY	30'-0"
CATV	24'-0"
GUY	22'-6"
VERIZON	34'-6"

STREET TRAFFIC STUDIES, LTD.
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Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-5537

5314.dgn T-90

APPROVALS	
TEAM LEADER	8-2-07
ASST. DIV. CHIEF	8-2-07
DIVISION CHIEF	8/2/07
OFFICE DIRECTOR	

REVISIONS

PLOTTED: $DATETIME$
FILE: $FILE$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 150 (EASTERN BLVD) AND ISLAND POINT ROAD

ESSEX, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 8-2-07 CONTRACT NO. AT9125185

DESIGNED BY JAMES W ALLEN
DRAWN BY SR BARANOWSKI
CHECKED BY BRWD
F.A.P. NO.

COUNTY BALTIMORE
LOGMILE 03015002.21
TIMS NO. I326
TOD NO.

TS NO. 4593 | DRAWING NO. 1 OF 2 | SHEET NO. OF

$USER$ $DATE$ $TIME$ $PLOTSCALE$ DGN