PROPOSED SIGNS

13.15 — Glebe Rd — D3-2 (DUAL-FACED) VARIABLE X 16"

17.20 — Easton Pkwy — D3-2 (DUAL-FACED) VARIABLE X 16"

16.19 — ONLY — R3-5L 30"x 36"

14.18.21 — ONLY — R3-5R 30" x 36"

MD 322 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION

PROPOSED SIGNALS

1.4 — 12" Y 8", 12" G 8"

2.5 — 12"

7.8 — 12"

3.6.9, 10.11.12 — 12"

■ - VIDEO DETECTION CAMERA (a-d)

-●- OPTICOM DETECTOR

NEMA PHASING

Ø1 Ø2 Ø4 PRE-EMPTION 1

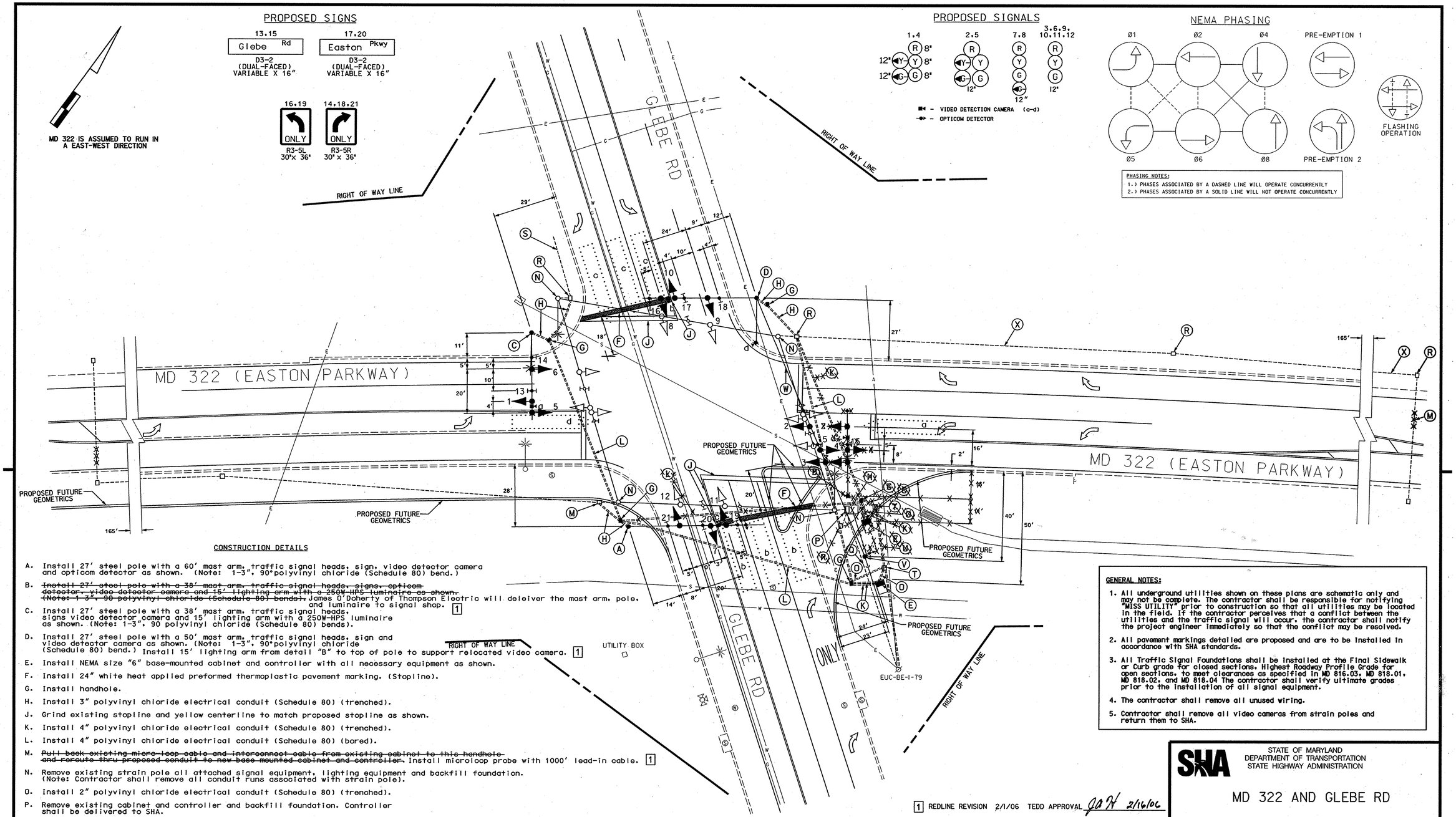
Ø5 Ø6 Ø8 PRE-EMPTION 2

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 a 60' mast arm, traffic signal heads, sign, video detector camera and opticom detector as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

B. ~~Install 27' steel pole with a 38' mast arm, traffic signal heads, signs, opticom detector, video detector camera and 15' lighting arm with a 250W-HPS luminaire as shown. (Note: 1-3", 90 polyvinyl chloride (Schedule 80) bends).~~ James O'Doherty of Thompson Electric will deleiver the mast arm, pole, and luminaire to signal shop. [1]

C. Install 27' steel pole with a 38' mast arm, traffic signal heads, signs video detector camera and 15' lighting arm with a 250W-HPS luminaire as shown. (Note: 1-3", 90 polyvinyl chloride (Schedule 80) bends).

D. Install 27' steel pole with a 50' mast arm, traffic signal heads, sign and video detector camera as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.) Install 15' lighting arm from detail "B" to top of pole to support relocated video camera. [1]

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

F. Install 24" white heat applied preformed thermoplastic pavement marking. (Stopline).

G. Install handhole.

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

J. Grind existing stopline and yellow centerline to match proposed stopline as shown.

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

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

M. ~~Pull back existing micro-loop cable and interconnect cable from existing cabinet to this handhole and reroute thru proposed conduit to new base mounted cabinet and controller.~~ Install microloop probe with 1000' lead-in cable. [1]

N. Remove existing strain pole all attached signal equipment, lighting equipment and backfill foundation. (Note: Contractor shall remove all conduit runs associated with strain pole).

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

P. Remove existing cabinet and controller and backfill foundation. Controller shall be delivered to SHA.

Q. Remove existing conduit (for electrical service)

R. Use existing handhole.

S. Cap and abandon existing conduit.

T. Install meter pedestal for electrical service as shown.

U. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched) with pull string for electrical service.

V. Install 40' class 2 wood pole with back guy as shown. [1]

W. Install 3/8" steel span wire with 1/4" tether wire to support signal heads and opticom detector eye. [1]

X. Use existing conduit. [1]

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 pavement markings detailed are proposed and are to be installed in accordance with SHA standards.

3. 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.

4. The contractor shall remove all unused wiring.

5. Contractor shall remove all video cameras from strain poles and return them to SHA.

[1] REDLINE REVISION 2/1/06 TEDD APPROVAL JAH 2/16/06

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 —

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6537

4820.dgn 06-27

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

REVISIONS	
B 8-5-05	REBUILD SIGNAL AND INSTALL INTERCONNECT SHA NO.AT7205185 RRZ
A 6-9-97	ASBUILT SHA NO. AW 101-501-585 RRZ

PLOTTED: $DATETIME$
FILE: $FILE$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 322 AND GLEBE RD

SCALE 1"= 20' DATE 7-26-75 CONTRACT NO. AW 101-501-585

DESIGNED BY
DRAWN BY B THOMPSON
CHECKED BY
F.A.P. NO.

COUNTY TALBOT
LOGMILE 20032203.81
TIMS NO. G846
TOD NO.

TS NO. 1365B | DRAWING NO. OF | SHEET NO. 1 OF 2

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