DRILL HOLES

BORDER REV: DATE: June 1, 2004

STEVENSON ROAD IS CONSIDERED TO RUN IN A NORTH - SOUTH DIRECTION.

PROPOSED SIGNS

9b,11a: Brooks Robinson DR ⇨ | 9a,11b: ⇦ Brooks Robinson DR

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

12: Stevenson RD

D3-2 VARIABLE X 16"

10: ONLY

R3-5R 30" x 36"

PROPOSED SIGNALS

1,4: R 8", Y 8", G 8" (12")

2,5: R, Y, G (12")

3,6,7,8: R, Y, G (12")

◄ - VIDEO DETECTION CAMERA (a-d)

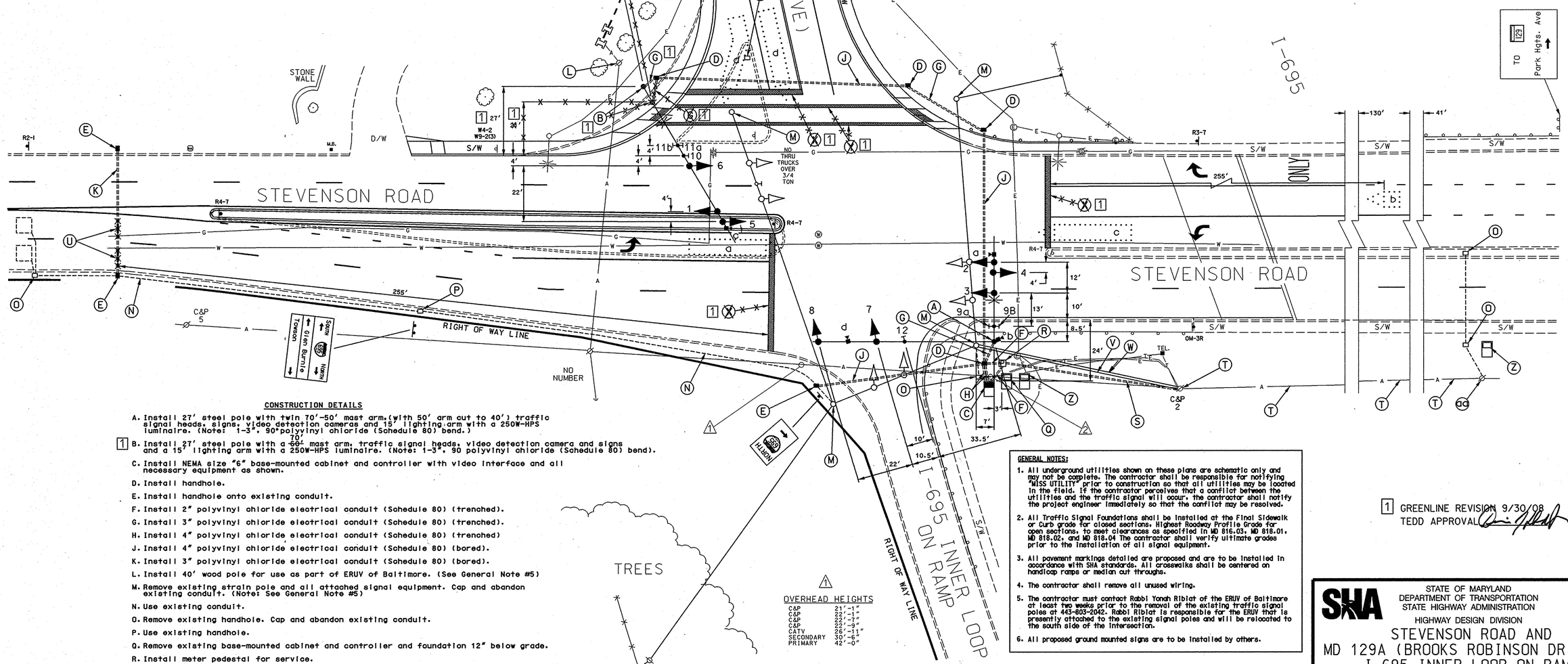
NEMA PHASING

Ø1 Ø2 Ø4

Ø5 Ø6

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,(with 50' arm cut to 40') traffic signal heads, signs, video detection cameras and 15' lighting arm with a 250W-HPS luminaire. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

[1] B. Install 27' steel pole with a ~~60'~~ 70' mast arm, traffic signal heads, video detection camera and signs and a 15' lighting arm with a 250W-HPS luminaire. (Note: 1-3", 90 polyvinyl chloride (Schedule 80) bend).

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

D. Install handhole.

E. Install handhole onto existing conduit.

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

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

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

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

K. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).

L. Install 40' wood pole for use as part of ERUV of Baltimore. (See General Note #5)

M. Remove existing strain pole and all attached signal equipment. Cap and abandon existing conduit. (Note: See General Note #5)

N. Use existing conduit.

O. Remove existing handhole. Cap and abandon existing conduit.

P. Use existing handhole.

Q. Remove existing base-mounted cabinet and controller and foundation 12" below grade.

R. Install meter pedestal for service.

S. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched) with pull string for power service to base of utility pole for proposed underground electrical service by BGE.

T. Remove existing span wire from wood pole.

U. Install non-evasive probes with 500' of lead-in cable.

V. Remove span wire.

W. Remove overhead electrical service.

[1] ~~X. Install 24" white heat applied permanent preformed thermoplastic pavement marking (stop line).~~

[1] ~~Y. Install 12" white heat applied permanent preformed thermoplastic pavement marking (crosswalk).~~

Z. Existing base-mounted lighting cabinet to remain.

aa. Remove riser from wood pole.

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.
3. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards. All crosswalks shall be centered on handicap ramps or median cut throughs.
4. The contractor shall remove all unused wiring.
5. The contractor must contact Rabbi Yonah Riblat of the ERUV of Baltimore at least two weeks prior to the removal of the existing traffic signal poles at 443-803-2042. Rabbi Riblat is responsible for the ERUV that is presently attached to the existing signal poles and will be relocated to the south side of the intersection.
6. All proposed ground mounted signs are to be installed by others.

[1] GREENLINE REVISION 9/30/08
TEDD APPROVAL

[1] OVERHEAD HEIGHTS

C&P	21'-1"
C&P	22'-1"
C&P	22'-7"
C&P	22'-9"
CATV	26'-11"
SECONDARY	30'-6"
PRIMARY	42'-0"

[2] OVERHEAD HEIGHTS

C&P	22'-2"
C&P	23'-6"
C&P	23'-9"
C&P	24'-11"
CATV	25'-11"
GUY	26'-1"
SECONDARY	37'-2"
PRIMARY	48'-0"

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

REVISIONS
(B) 2-13-08 RECONSTRUCT SIGNAL DUE TO GEOMETRIC CHANGES
SHA NO.: AT9815176
RRZ
(A) 12-5-76 ASBUILT
SHA NO.: B-409-451-465
BRK AB

PLOTTED: @DATETIME@
FILE: @FILE@

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
HIGHWAY DESIGN DIVISION

STEVENSON ROAD AND MD 129A (BROOKS ROBINSON DRIVE) / I-695 INNER LOOP ON RAMP

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 2-5-76 CONTRACT NO.

DESIGNED BY J BOLING
DRAWN BY D DODA
CHECKED BY
F.A.P. NO.

COUNTY BALTIMORE
LOGMILE 03012901.37
TIMS NO. I-811
TOD NO.

TS NO. 1399B | DRAWING NO. 1 OF 2 | SHEET NO. OF

BY: $USERNAME$

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