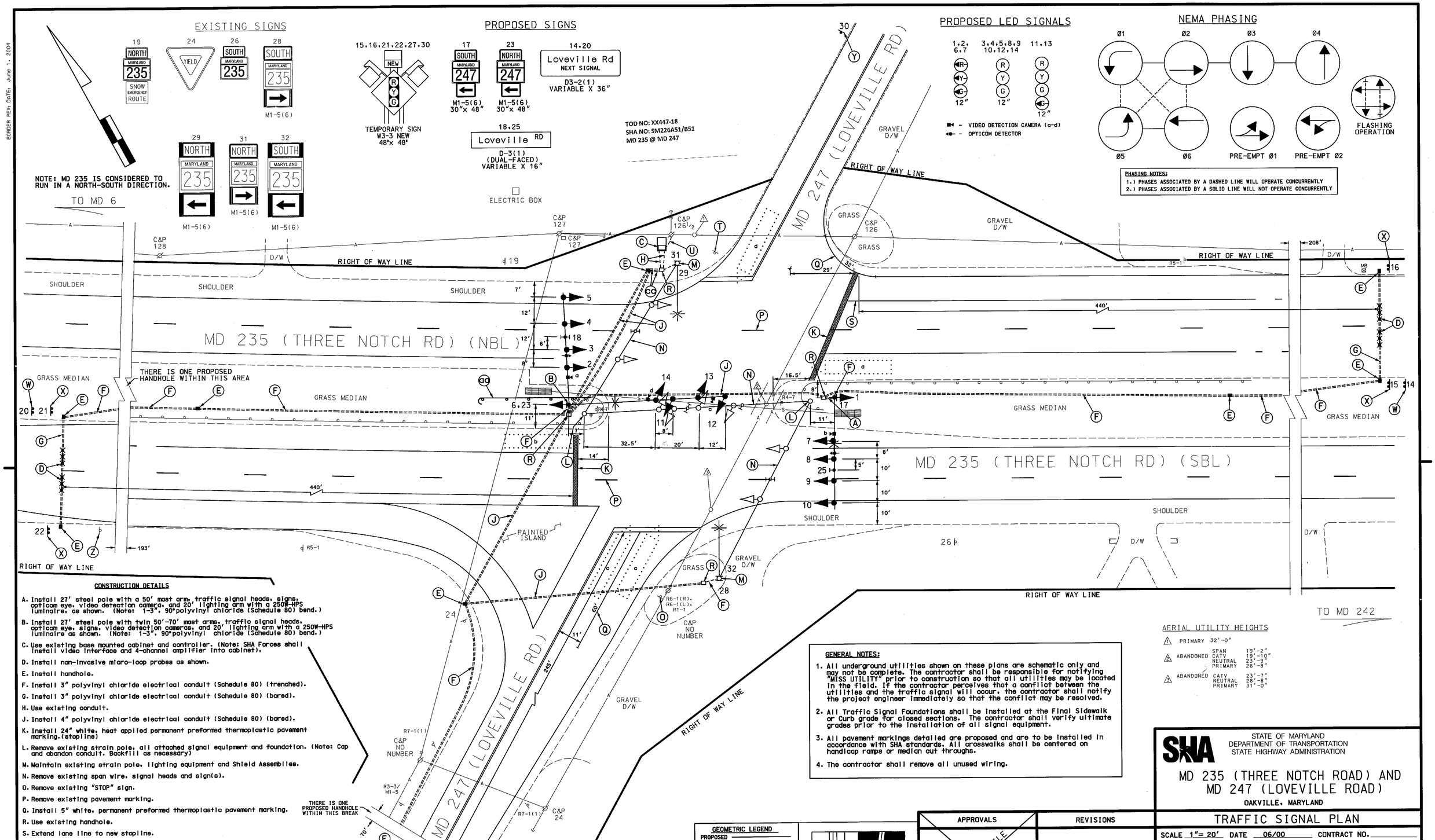

CONSTRUCTION DETAILS

A. Install 27' steel pole with a 50' mast arm, traffic signal heads, signs, opticom eye, video detection camera, and 20' lighting arm with a 250W-HPS luminaire, as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

B. Install 27' steel pole with twin 50'-70' mast arms, traffic signal heads, opticom eye, signs, video detection cameras, and 20' lighting arm with a 250W-HPS luminaire as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

C. Use existing base mounted cabinet and controller. (Note: SHA Forces shall install video interface and 4-channel amplifier into cabinet).

D. Install non-invasive micro-loop probes as shown.

E. Install handhole.

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

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

H. Use existing conduit.

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

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

L. Remove existing strain pole, all attached signal equipment and foundation. (Note: Cap and abandon conduit. Backfill as necessary)

M. Maintain existing strain pole, lighting equipment and Shield Assemblies.

N. Remove existing span wire, signal heads and sign(s).

O. Remove existing "STOP" sign.

P. Remove existing pavement marking.

Q. Install 5" white, permanent preformed thermoplastic pavement marking.

R. Use existing handhole.

S. Extend lane line to new stopline.

T. Remove existing "STOP" sign and post.

U. Existing underground electrical service to be maintained SMECO.

V. Remove existing handhole.

W. Install ground mounted D3-2(1) sign 775' prior to stopline.

X. Install ground mounted W3-3 sign 700' prior to stopline.

Y. Install ground mounted W3-3 sign 625' prior to stopline.

Z. Remove existing W2-2 & D-3(2) signs and post.

CONSTRUCTION DETAILS (cont.)

aa. Remove existing end treatment. Install 50' of guard rail (with 6' post) and Type K end treatment as shown.

bb. Use existing handhole.

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

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. 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.

AERIAL UTILITY HEIGHTS

1 PRIMARY		32'-0"
2 ABANDONED	SPAN	19'-2"
	CATV	19'-10"
	NEUTRAL	23'-8"
	PRIMARY	26'-8"
3 ABANDONED	CATV	23'-7"
	NEUTRAL	28'-8"
	PRIMARY	31'-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 —

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APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	12-13-10
OFFICE DIRECTOR	UPGRADE TO FULLY ACTUATED COLOR SIGNAL SHA NO.:XX4475185 TIMS NO.:K574
ORIGINAL ON FILE	RRZ RNS M.L.P.

PLOTTED: \$DATETIME\$
FILE: \$FILE\$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 235 (THREE NOTCH ROAD) AND MD 247 (LOVEVILLE ROAD)

OAKVILLE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 06/00 CONTRACT NO.

DESIGNED BY
DRAWN BY D.C.G.
CHECKED BY T.H.
F.A.P. NO.
COUNTY ST MARY'S
LOGMILE 18235026.70
TIMS NO. D 777
TOD NO.

TS NO. 4019A | DRAWING NO. 1 OF 2 | SHEET NO. OF

BORDER REV: DATE: June 1, 2004

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