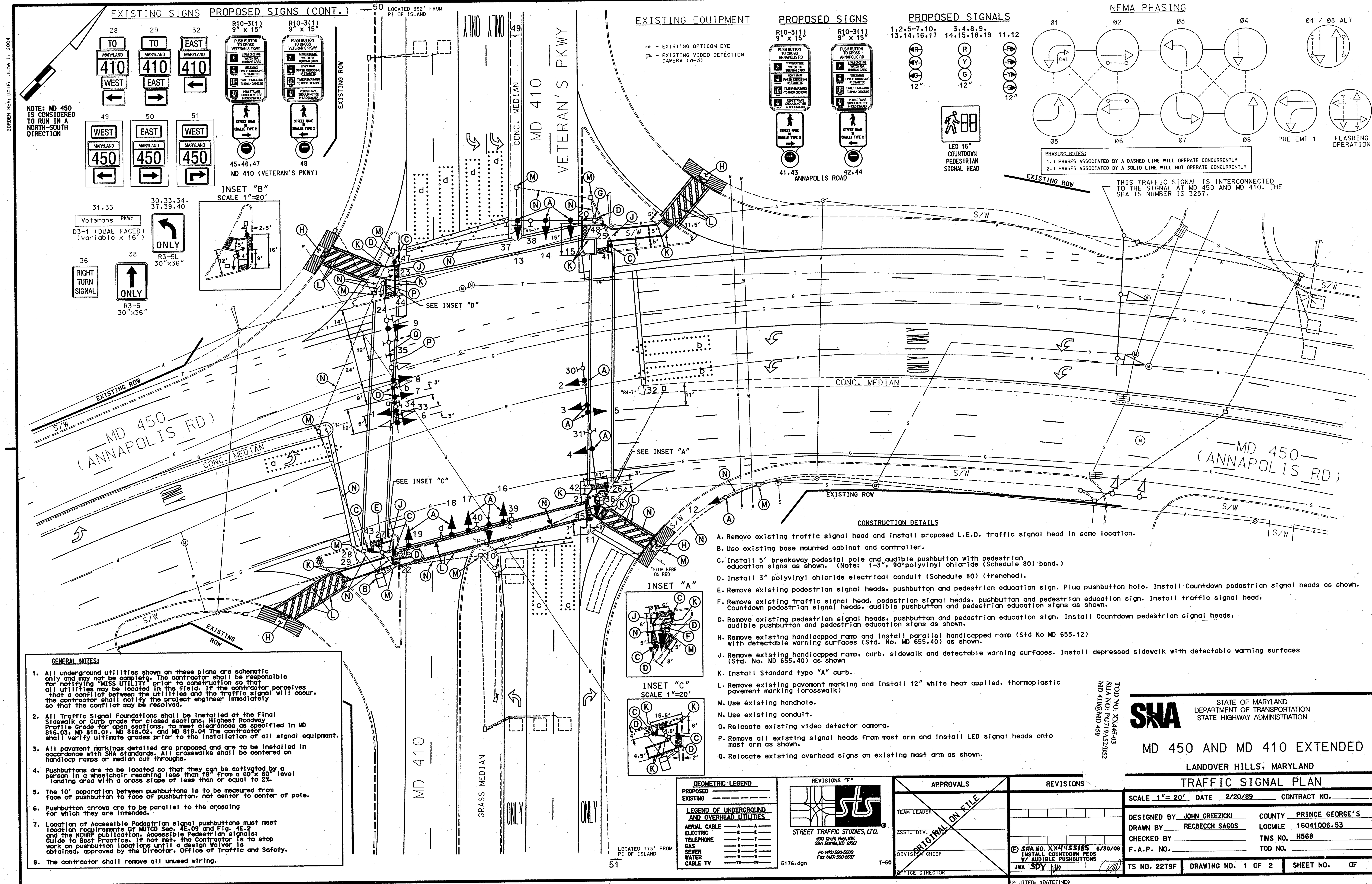

CONSTRUCTION DETAILS

A. Remove existing traffic signal head and install proposed L.E.D. traffic signal head in same location.

B. Use existing base mounted cabinet and controller.

C. Install 5' breakaway pedestal pole and audible pushbutton with pedestrian education signs as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

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

E. Remove existing pedestrian signal heads, pushbutton and pedestrian education sign. Plug pushbutton hole. Install Countdown pedestrian signal heads as shown.

F. Remove existing traffic signal head, pedestrian signal heads, pushbutton and pedestrian education sign. Install traffic signal head, Countdown pedestrian signal heads, audible pushbutton and pedestrian education signs as shown.

G. Remove existing pedestrian signal heads, pushbutton and pedestrian education sign. Install Countdown pedestrian signal heads, audible pushbutton and pedestrian education signs as shown.

H. Remove existing handicapped ramp and install parallel handicapped ramp (Std No MD 655.12) with detectable warning surfaces (Std. No. MD 655.40) as shown.

J. Remove existing handicapped ramp, curb, sidewalk and detectable warning surfaces. Install depressed sidewalk with detectable warning surfaces (Std. No. MD 655.40) as shown

K. Install Standard type "A" curb.

L. Remove existing pavement marking and install 12" white heat applied, thermoplastic pavement marking (crosswalk)

M. Use existing handhole.

N. Use existing conduit.

O. Relocate existing video detector camera.

P. Remove all existing signal heads from mast arm and install LED signal heads onto mast arm as shown.

Q. Relocate existing overhead signs on existing mast arm as shown.

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. Pushbuttons are to be located so that they can be activated by a person in a wheelchair reaching less than 18" from a 60"x 60" level landing area with a cross slope of less than or equal to 2%.
5. The 10' separation between pushbuttons is to be measured from face of pushbutton to face of pushbutton, not center to center of pole.
6. Pushbutton arrows are to be parallel to the crossing for which they are intended.
7. Location of Accessible Pedestrian signal pushbuttons must meet location requirements Of MUTCD Sec. 4E.09 and Fig. 4E.2 and the NCHRP publication, Accessible Pedestrian signals: Guide to Best Practice. If not met, the Contractor is to stop work on pushbutton locations until a design Waiver is obtained, approved by the Director, Office of Traffic and Safety.
8. The contractor shall remove all unused wiring.

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—

REVISIONS "F"

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

REVISIONS
(F) SHA NO. XX4455185 6/30/08 INSTALL COUNTDOWN PEDS W/ AUDIBLE PUSHBUTTONS
JWA SDY

PLOTTED: $DATETIME$
FILE: $FILE$

TOD NO: XX445-03
SHA NO: PG719A52/B52
MD 410@MD 450

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 450 AND MD 410 EXTENDED

LANDOVER HILLS, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 2/20/89 CONTRACT NO.

DESIGNED BY JOHN GREEZICKI — COUNTY PRINCE GEORGE'S
DRAWN BY RECBECCH SAGOS — LOGMILE 16041006.53
CHECKED BY — TIMS NO. H568
F.A.P. NO. — TOD NO.

TS NO. 2279F — DRAWING NO. 1 OF 2 — SHEET NO. OF

BORDER REV. DATE: June 1, 2004

DRILL HOLES

DRILL HOLES

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