

DRILL HOLES

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REVISION DATE: June 1, 2004

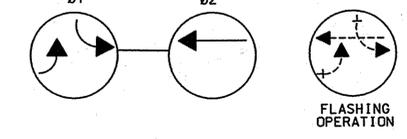
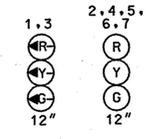
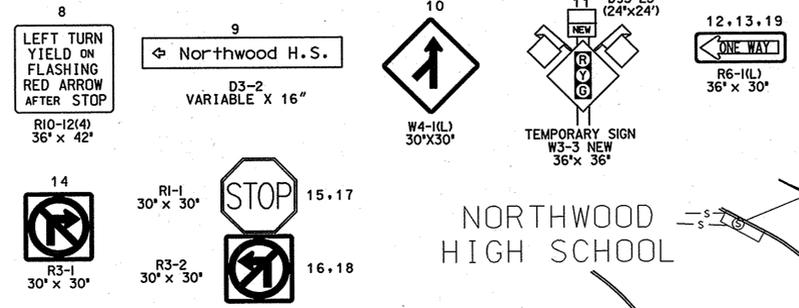
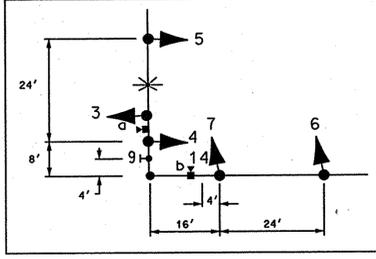
PROPOSED SIGNS

PROPOSED SIGNALS

NEMA PHASING

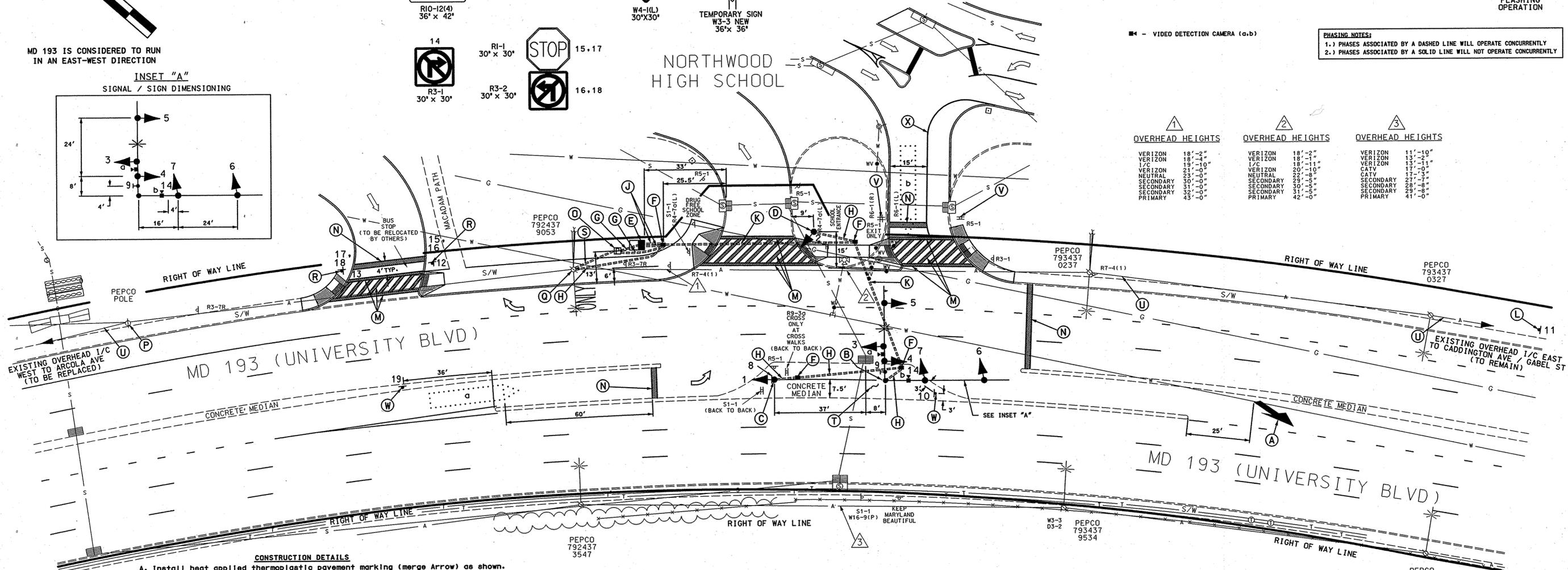
MD 193 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION

INSET "A" SIGNAL / SIGN DIMENSIONING



PHASING NOTES: 1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY 2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

Table with 3 columns: OVERHEAD HEIGHTS, VERIZON, NEUTRAL, SECONDARY, PRIMARY. Lists various utility heights in feet and inches.



CONSTRUCTION DETAILS

- A. Install heat applied thermoplastic pavement marking (merge Arrow) as shown.
B. Install 27' steel pole with a twin 50' (out to 36') - 50' mast arm, traffic signal heads, sign and video detection camera as shown.
C. Install 14' breakaway pedestal pole with traffic signal head and sign as shown.
D. Install 14' breakaway pedestal pole with traffic signal head as shown.
E. Install NEMA size "6" base-mounted cabinet and controller with video interface and all necessary equipment as shown.
F. Install handhole.
G. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
H. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
I. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
J. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).
K. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).
L. Install W3-3 ground mounted sign 300' from back of proposed stopline, 7' from face of curb.
M. Install 12" white thermoplastic pavement marking tape (crosswalk).
N. Install 24" white thermoplastic pavement marking tape (stopline).
O. Install metered pedestal.
P. Cut existing overhead interconnect at this pole and pull back to PEPCO 792437-9053 and reroute into proposed cabinet at Northwood High School Driveway.
Q. Install 3 PVC riser with 3" weatherhead onto existing utility pole.
R. Install ground mounted sign as shown.
S. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched) with 35' of 3 wire 1 conductor (No. 250 KCMIL) and pull string for power service to base of utility pole for proposed underground electrical service by PEPCO.
T. Replace concrete as needed after installation of signal equipment.
U. Existing overhead interconnect cable.
V. Remove existing R1-1 sign from existing post.
W. Install ground mounted as shown.
X. Install 12" white thermoplastic pavement marking tape (concrete color) for edgeline.

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.

GEOMETRIC LEGEND: PROPOSED (solid line), EXISTING (dashed line). LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES: AERIAL CABLE, ELECTRIC, TELEPHONE, GAS, SEWER, WATER, CABLE TV.

Logo for STS STREET TRAFFIC STUDIES, LTD. with address and contact information.

Table for APPROVALS and REVISIONS. Includes signatures and dates for Year Leader, Division Chief, and Office Director.

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION. Project title: MD 193 (UNIVERSITY BLVD) AND NORTHWOOD HIGH SCHOOL DRIVEWAY. Includes scale, date, contract number, designer, drafter, checker, and sheet information.

Vertical text on the right edge of the drawing.