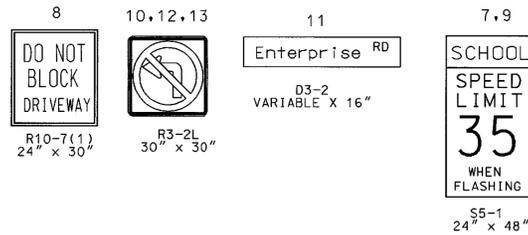
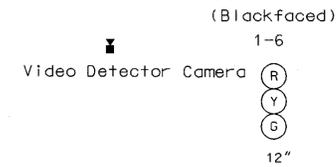


NOTE: MD 193 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

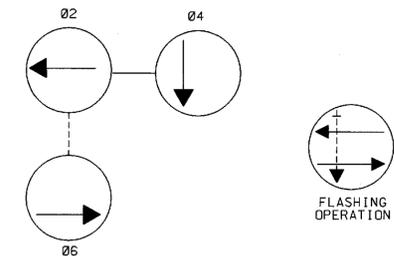
PROPOSED SIGNS



PROPOSED SIGNALS



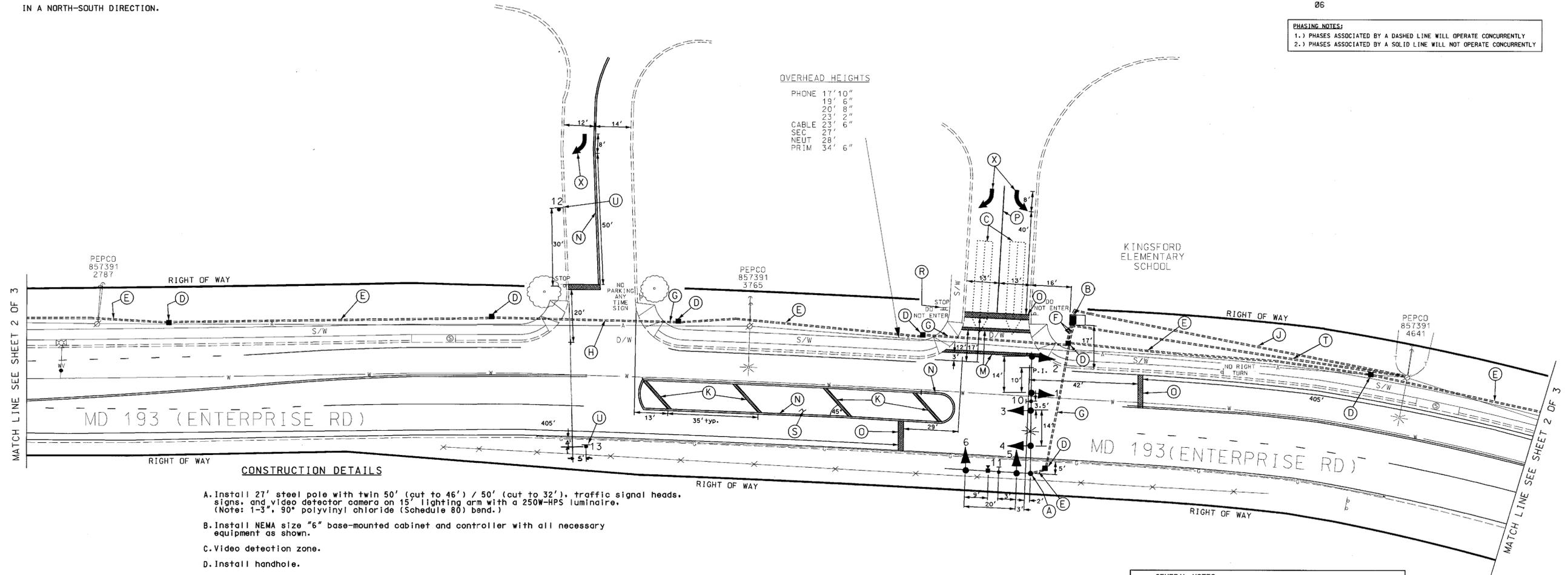
NEMA PHASING



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

OVERHEAD HEIGHTS

Table listing overhead heights for various utilities: PHONE (17' 10" to 19' 6"), CABLE (23' 2" to 23' 6"), SEC (27' 6"), NEUT (28' 6"), and PRIM (34' 6").



CONSTRUCTION DETAILS

- A. Install 27' steel pole with twin 50' (cut to 46') / 50' (cut to 32'), traffic signal heads, signs, and video detector camera on 15' lighting arm with a 250W-HPS luminaire. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
B. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown.
C. Video detection zone.
D. Install handhole.
E. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
F. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
G. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).
H. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).
J. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for electrical service (PEPCO). Provide a stub at the base of utility pole No.857391-4641.
K. Install 10" Yellow heat applied thermoplastic pavement marking.
L. Install Non-Invasive probe set with 1000' lead in.
M. Install 12" White heat applied thermoplastic pavement marking. (crosswalk)
N. Install 5" Double Yellow heat applied thermoplastic pavement marking.
O. Install 24" White heat applied thermoplastic pavement marking. (stopline)
P. Install 5" White heat applied thermoplastic pavement marking.
Q. Install ground mounted sign and supports.
R. Remove "stop" sign from existing supports.
S. Remove existing pavement markings in this area in conflict with the proposed pavement markings. existing are not shown on this plan.
T. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for the telephone drop. (Coordinate with Verizon).
U. Install ground mounted sign as shown.
V. Install Non-Invasive probe set with 500' lead in.
W. Replace existing pole mounted signs with an S5-1 sign as shown.
X. Install White heat applied thermoplastic pavement marking arrow.

GENERAL NOTES:

- 1. This plan reflects only those underground utilities that were apparent at the time of this location being as built. A detailed review was not undertaken and the plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.
3. The installation of the conduit shall be completed prior to installing the pavement markings.

GEOMETRIC LEGEND and LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES. Includes symbols for proposed/existing lines and utility types like Aerial Cable, Electric, Telephone, Gas, Sewer, Water, Cable TV.

STREET TRAFFIC STUDIES, LTD. logo and contact information: 400 Crafts Hwy., NW, Glen Burnie, MD 21061, Ph 410-590-5500, Fax 410-590-6637.

Table with columns for REVISIONS and APPROVALS. Includes signatures and dates for project approvals.

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION. Project details for MD 193 (ENTERPRISE RD) AND THE MIDDLE DRIVEWAY OF KINGSFORD ELEMENTARY SCHOOL. Includes drawing, checked by, scale, date, and sheet information.