

GEOMETRIC LEGEND

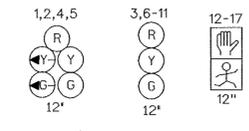
PROPOSED ————
EXISTING - - - - -

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRIC	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

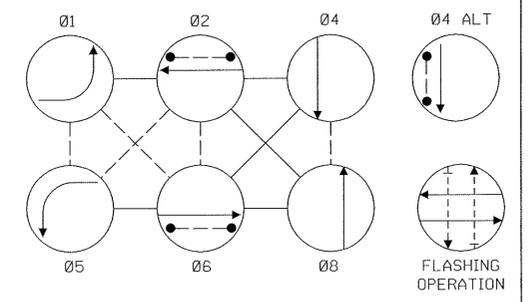
- CONSTRUCTION DETAILS**
- A. Install 27' steel pole with a 38' mast arm, traffic signal heads, signs, pedestrian signal head, pedestrian education sign and a 10' lighting arm with a 250 W HPSV luminaire, as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
 - B. Install 27' steel pole with a 60' mast arm, traffic signal heads, signs, pedestrian signal heads, pushbutton with pedestrian education sign and Central and Distribution as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend and 1-2", 90° polyvinyl chloride (Schedule 80) bend.)
 - C. Install 27' steel pole with a 50' mast arm, traffic signal heads, signs, pedestrian signal head and pedestrian education sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
 - D. Install 27' steel pole with 50' mast arm, traffic signal heads, signs, pedestrian signal heads, pushbutton with pedestrian education sign and a 15' lighting arm with a 250 W HPSV luminaire as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
 - E. Use existing handhole.
 - F. Install handhole.
 - G. Use existing 4" polyvinyl chloride electrical conduit.
 - H. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
 - J. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
 - K. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
 - L. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).
 - M. Install NEMA size "6" base-mounted cabinet and controller and all necessary equipment as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend, and 2-4", 90° polyvinyl chloride (Schedule 80) bends.)
 - N. Pull back 12-pair jelly-filled interconnect cable from the existing pole mounted cabinet to wood pole *BGE 533940. Cut existing riser and install a splice cabinet on the pole. Run a new 12-pair jelly-filled cable underground to the proposed cabinet at Old Columbia Pike.
 - O. Proposed overhead electrical service by BGE.
 - P. Use existing 2" polyvinyl chloride electrical conduit.
 - Q. Remove existing signal equipment (cap and abandon existing conduit).
 - R. Install ground mounted W3-3 sign as shown.
 - S. Install ground mounted S2-1/M6-2 signs (dual-faced) as shown.

PROPOSED SIGNALS



Proposed video camera (To be furnished and installed by MONTGOMERY COUNTY FORCES)

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.

GENERAL NOTES:

- This plan reflects only those underground utilities that were apparent. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.
- See General Information sheet for phasing and wiring details (See sheet 3 of 3).
- All proposed pavement markings are to be installed by Montgomery County forces.
- The video cameras and associated equipment and wiring shall be furnished and installed by Montgomery County forces.

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REVISIONS	APPROVALS
	ASST. CHIEF TRAFFIC SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 198 (SPENCERVILLE RD) AND
 OLD COLUMBIA PIKE / SCHOOL DRIVEWAY

DRAWN BY: ROB CICCHINI	COUNTY: MONTGOMERY	TS NO. 4008	SHEET NO. 1 OF 3
CHECK BY: R. ZACHERL	LOG MILE: 15019803.15	T.I.M.S. NO. 918	
DATE: 5-24-00	F.A.P. NO.		
SCALE: 1"=20'	S.H.A. NO. MONTGOMERY		