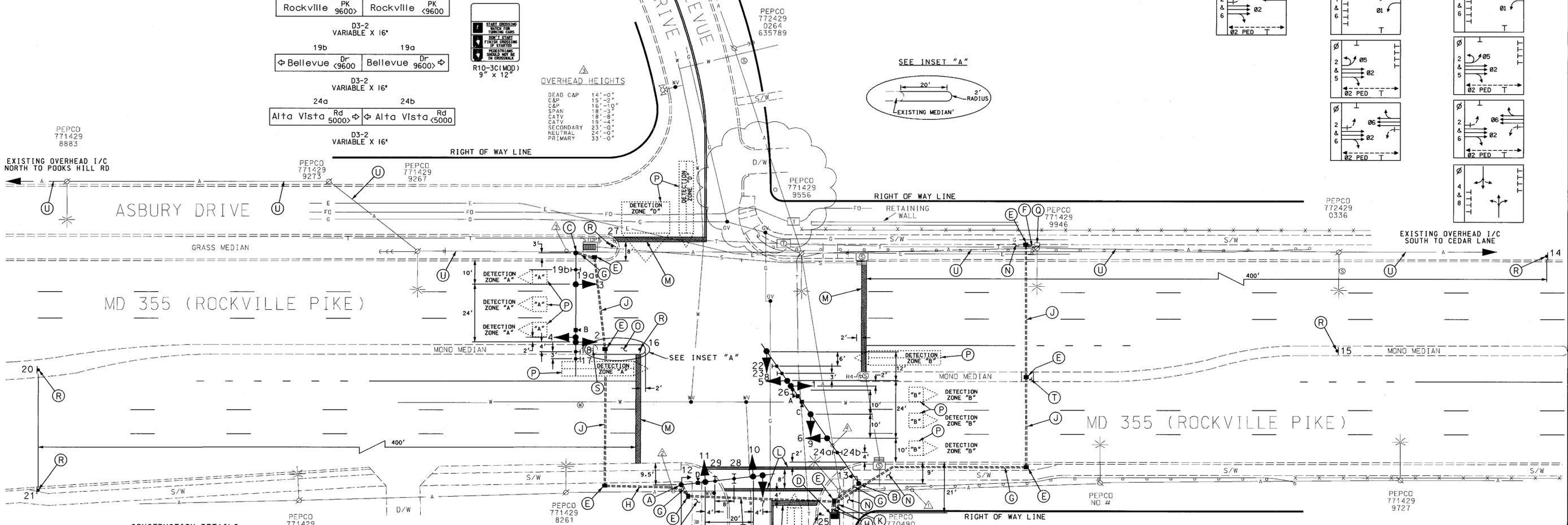
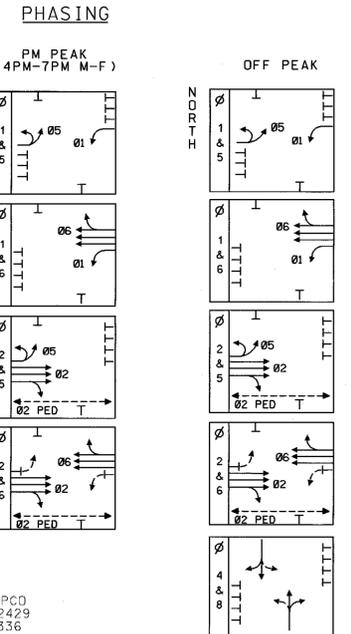
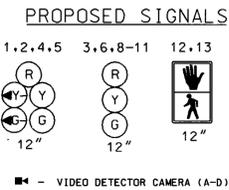
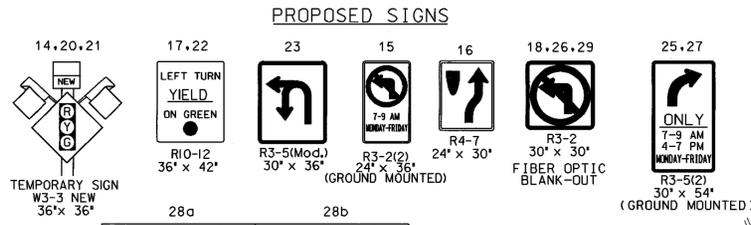


MD 355 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



CONSTRUCTION DETAILS

- A. Install 21' steel pole with a 38' mast arm, traffic signal heads, signs, video detector camera and pedestrian signal head with pedestrian education sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bends).
- B. Install 21' steel pole with a 70' mast arm, traffic signal heads, video detector cameras and pedestrian signal head with pedestrian education as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bends).
- C. Install special 16'5" steel pole with a 50' mast arm, with a 15' "T", traffic signal heads, signs and video detector camera as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bends).
- D. Install NEMA size "6" base-mounted cabinet and controller with electrical utility service equipment, video interface and all necessary equipment as shown.
- E. Install handhole.
- F. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- G. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- H. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- J. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (slotted).
- K. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for electrical service by PEPCO.
- L. Install 12" white heat applied permanent preformed thermoplastic pavement marking tape (crosswalk).
- M. Install 24" white heat applied permanent preformed thermoplastic pavement marking (stop line).
- N. Remove existing sidewalk and replace after the installation of the signal equipment.
- O. Saw out roadway as shown on inset "A" and install 4' concrete monolithic median.
- P. Proposed video detection area.
- Q. Install 2" PVC riser onto existing wood pole and into bottom plate of existing splice cabinet.
- R. Install ground mounted sign as shown.
- S. Remove existing ground mounted R4-7 sign.
- T. Remove monolithic median section, and replace after the installation of the signal equipment
- U. Existing overhead interconnect cable to remain.

OVERHEAD HEIGHTS

C&P	16'-10"
C&P	18'-10"
C&P	21'-7"
C&P	28'-3"
PRIMARY	36'-0"

OVERHEAD HEIGHTS

C&P	22'-6"
SECONDARY	31'-6"
PRIMARY	38'-8"
GUY	20'-0"
C&P	21'-1"
GUY	22'-1"

- GENERAL NOTES:**
- The conduits are to be installed prior to the installation of the pavement markings.
 - All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITIES" 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.
 - All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.
 - Overhead utilities are being raised by others at locations **A** and **B** to assure proper clearances from the proposed signal equipment.

GEOMETRIC LEGEND

PROPOSED	---
EXISTING	---

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	---
ELECTRIC	---
TELEPHONE	---
GAS	---
SEWER	---
WATER	---
CABLE TV	---

REVISIONS	APPROVALS
	 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	 ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	 DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
 MD 355 (ROCKVILLE PIKE) AND
 ALTA VISTA ROAD / BELLEVUE DRIVE

STREET TRAFFIC STUDIES, LTD.
 400 Crain Hwy, N.W.
 Glen Burnie, MD 21061
 Ph (410) 580-5500
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DRAWN BY: SR BARANOWSKI	F.A.P. NO. N/A 07-355185	TS NO. TS 42269
CHECKED BY: MRC	S.H.A. NO. UN0324501081	T.I.M.S. NO. F677
SCALE: 1" = 20'	COUNTY: MONTGOMERY	SHEET NO. 1 OF 3
DATE: 6-3-03	LOG MILE: 15009766.08	