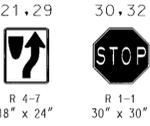
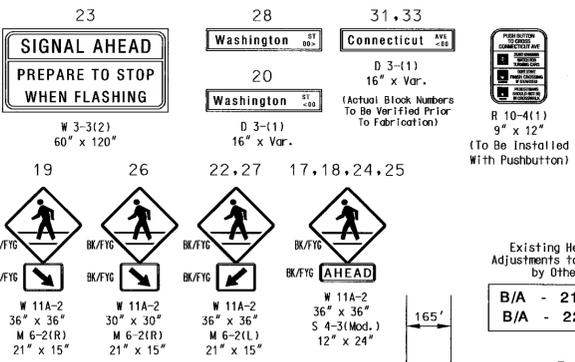


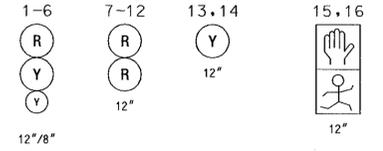
EXISTING SIGNS



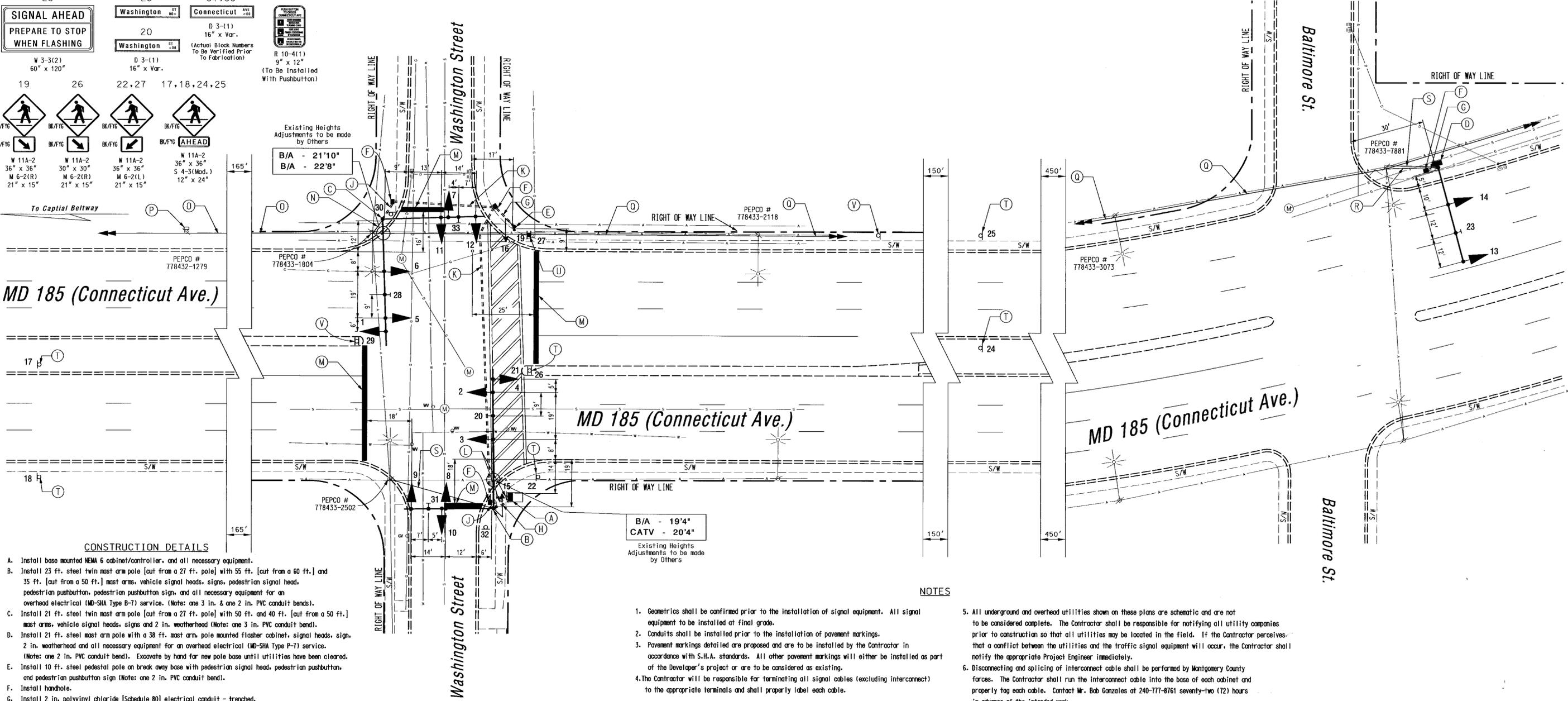
PROPOSED SIGNS



PROPOSED SIGNALS



PROPOSED NEMA PHASING



CONSTRUCTION DETAILS

- A. Install base mounted NEMA 6 cabinet/controller, and all necessary equipment.
- B. Install 23 ft. steel twin mast arm pole [cut from a 27 ft. pole] with 55 ft. [cut from a 60 ft.] and 35 ft. [cut from a 50 ft.] mast arms, vehicle signal heads, signs, pedestrian signal head, pedestrian pushbutton, pedestrian pushbutton sign, and all necessary equipment for an overhead electrical (MD-SHA Type B-7) service. (Note: one 3 in. & one 2 in. PVC conduit bends).
- C. Install 21 ft. steel twin mast arm pole [cut from a 27 ft. pole] with 50 ft. and 40 ft. [cut from a 50 ft.] mast arms, vehicle signal heads, signs and 2 in. weatherhead (Note: one 3 in. PVC conduit bend).
- D. Install 21 ft. steel mast arm pole with a 38 ft. mast arm, pole mounted flasher cabinet, signal heads, sign, 2 in. weatherhead and all necessary equipment for an overhead electrical (MD-SHA Type P-7) service. (Note: one 2 in. PVC conduit bend). Excavate by hand for new pole base until utilities have been cleared.
- E. Install 10 ft. steel pedestal pole on break away base with pedestrian signal head, pedestrian pushbutton, and pedestrian pushbutton sign (Note: one 2 in. PVC conduit bend).
- F. Install handhole.
- G. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- H. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
- J. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- K. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
- L. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
- M. Install 24 in. wide pavement marking - white for stop line.
- N. Install interconnect and 7-conductor cables.
- O. Install new interconnect cable overlashed to existing interconnect cable.
- P. Use existing weatherhead and riser. Install new interconnect cable into existing splice cabinet. (To be spliced by County forces).
- Q. Install 7-conductor cable overlashed to existing interconnect cable.
- R. Install 7-conductor cable.
- S. Proposed overhead electrical service by PEPCO.
- T. Replace existing sign with proposed sign as shown. (Install new sign post.)
- U. Install sign with sign post as shown.
- V. Remove existing warning sign.

B/A - 19'4"
CATV - 20'4"
Existing Heights
Adjustments to be made
by Others

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment to be installed at final grade.
2. Conduits shall be installed prior to the installation of pavement markings.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
4. The Contractor will be responsible for terminating all signal cables (excluding interconnect) to the appropriate terminals and shall properly label each cable.
5. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies 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 equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.
6. Disconnecting and splicing of interconnect cable shall be performed by Montgomery County forces. The Contractor shall run the interconnect cable into the base of each cabinet and properly tag each cable. Contact Mr. Bob Gonzales at 240-777-8761 seventy-two (72) hours in advance of the intended work.

GEOMETRIC LEGEND	
— — —	EXISTING GEOMETRICS
— — —	PROPOSED GEOMETRICS
UTILITY LEGEND	
— G — G	GAS MAIN
— W — W	WATER MAIN
— S — S	SEWER MAIN
— E — E	ELECTRIC CABLES
— D — D	STORM DRAIN
— A — A	AERIAL CABLES
— T — T	TELEPHONE CABLES

The Traffic Group, Inc.
410-931-6600
Fax 410-931-6601

REVISIONS	APPROVALS
	1-27-2000 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION 1/27/00 ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION 1-27-00 CHIEF TRAFFIC ENGINEERING DESIGN DIVISION 2/2/00 DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)
MD 185 (Connecticut Ave.) at Washington St.

DRAWN BY: C. Jednorski/JJD	F.A.P. NO. AC-STP-0005(684)E	TS NO. 3978
CHECKED BY: Chris Lyford	S.H.A. NO. 0065385	SHEET NO. 1 OF 2
SCALE: 1" = 20'	COUNTY: Montgomery	T.I.M.S. NO. D-456
DATE: Jan. 25, 2000	LOG MILE: 15018503.95	

15018503.95 (V.M.S. No. 20) 27 JAN 2000