

U.S. 29 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

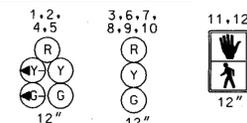
PROPOSED SIGNS



EXISTING SIGNS

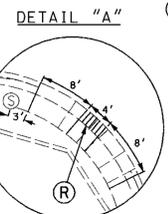
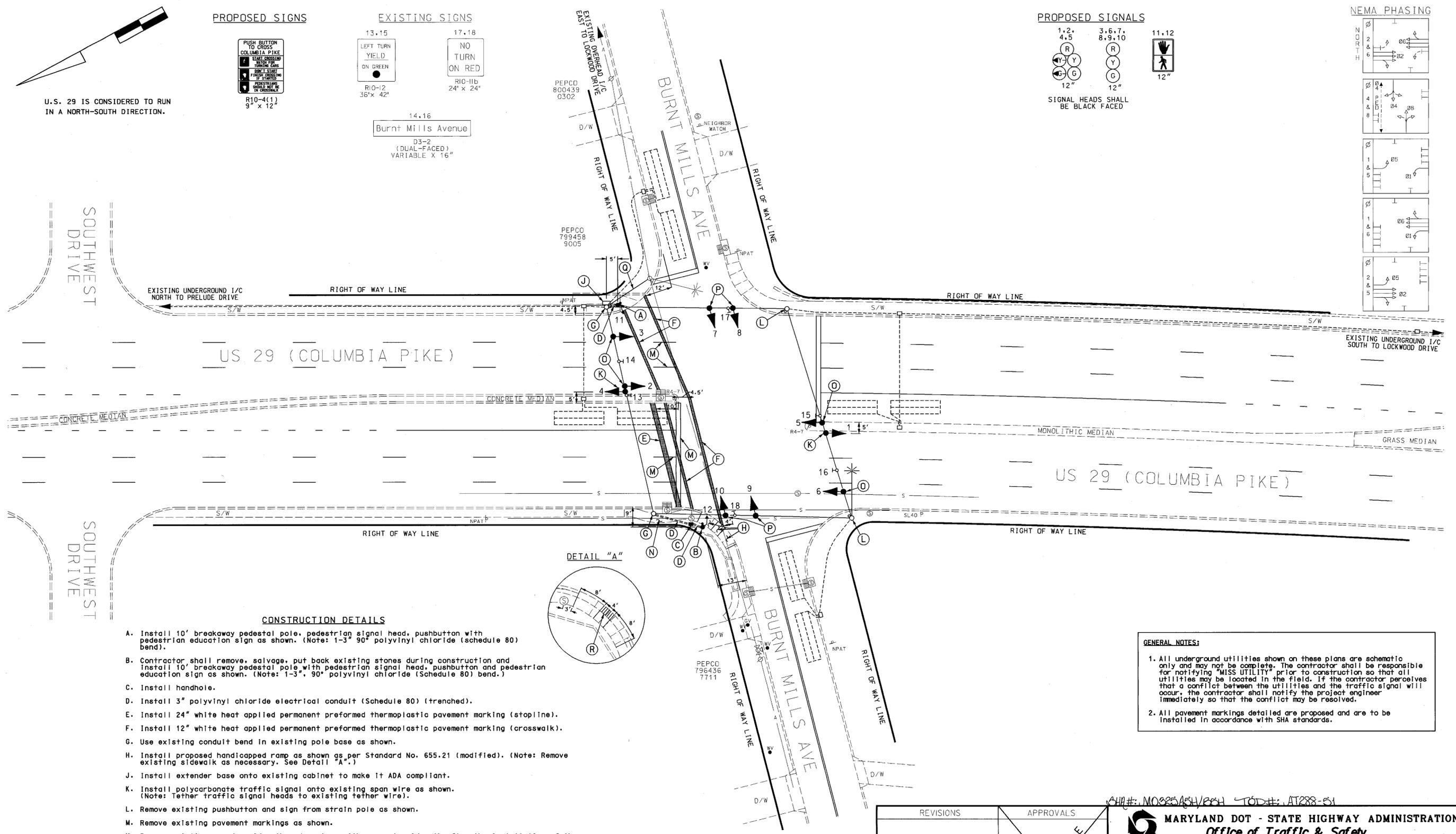
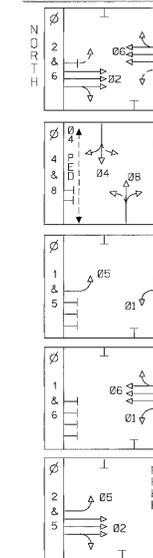


PROPOSED SIGNALS



SIGNAL HEADS SHALL BE BLACK FACED

NEMA PHASING



CONSTRUCTION DETAILS

- A. Install 10' breakaway pedestal pole, pedestrian signal head, pushbutton with pedestrian education sign as shown. (Note: 1-3" 90° polyvinyl chloride (schedule 80) bend).
- B. Contractor shall remove, salvage, put back existing stones during construction and install 10' breakaway pedestal pole with pedestrian signal head, pushbutton and pedestrian education sign as shown. (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)
- C. Install handhole.
- D. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- E. Install 24" white heat applied permanent preformed thermoplastic pavement marking (stopline).
- F. Install 12" white heat applied permanent preformed thermoplastic pavement marking (crosswalk).
- G. Use existing conduit bend in existing pole base as shown.
- H. Install proposed handicapped ramp as shown as per Standard No. 655.21 (modified). (Note: Remove existing sidewalk as necessary. See Detail "A".)
- J. Install extender base onto existing cabinet to make it ADA compliant.
- K. Install polycarbonate traffic signal onto existing span wire as shown. (Note: Tether traffic signal heads to existing tether wire).
- L. Remove existing pushbutton and sign from strain pole as shown.
- M. Remove existing pavement markings as shown.
- N. Remove existing macadam sidewalk and replace with concrete sidewalk after the installation of the signal equipment.
- O. Remove existing traffic signal heads and install polycarbonate traffic signal heads in same location as shown. (Note: Tether traffic signal heads to existing tether wire).
- P. Remove existing traffic signal heads and install polycarbonate traffic signal heads in same location as shown.
- Q. Existing overhead electrical service maintained by PEPCO.
- R. Install detectable warning surfaces as shown.

GENERAL NOTES:

- 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.
- All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.

GEOMETRIC LEGEND

PROPOSED	---
EXISTING	---

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

REVISION "C"

STREET TRAFFIC STUDIES, LTD.
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REVISIONS		APPROVALS	
2-18-04	ADD PEDS ACROSS US 29 SHA NO.: AT2885185	JWA	[Signature]
3-9-0	ADD E/P LEFT TURNS ON US 29 SHA NO.:	WM	[Signature]
3-9-0	ASBUILT SHA NO.:	WM	[Signature]

SHA#: MO825ASH/BSH TOD#: AT288-51

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

US 29 (COLUMBIA PIKE) AND BURNT MILLS AVE

DRAWN BY: T MANK	F.A.P. NO. 855-25003	TS NO. 413 C	SHEET NO. 1 OF 2
CHECKED BY:	COUNTY: MONTGOMERY	T.I.M.S. NO. F907	
SCALE: 1" = 20'	LOG MILE: 15002904.09		
DATE: 12-84			