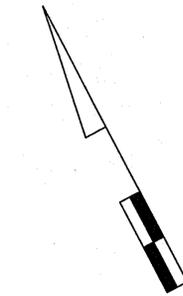


DRILL HOLES

DRILL HOLES

DRILL HOLES

BORDER REV. DATE: June 1, 2004

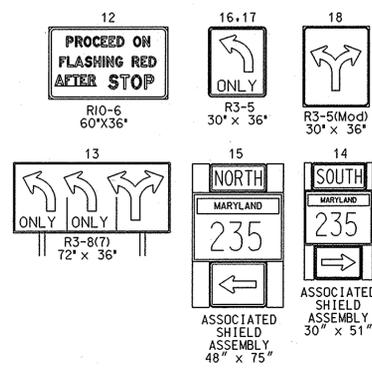


MD 235 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

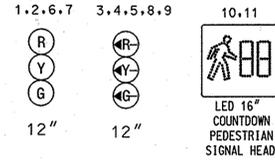
PROPOSED SIGNS



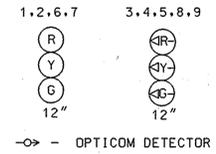
EXISTING SIGNS



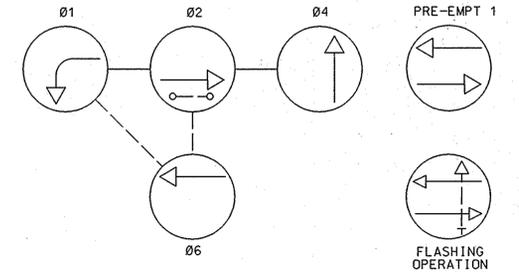
PROPOSED SIGNALS



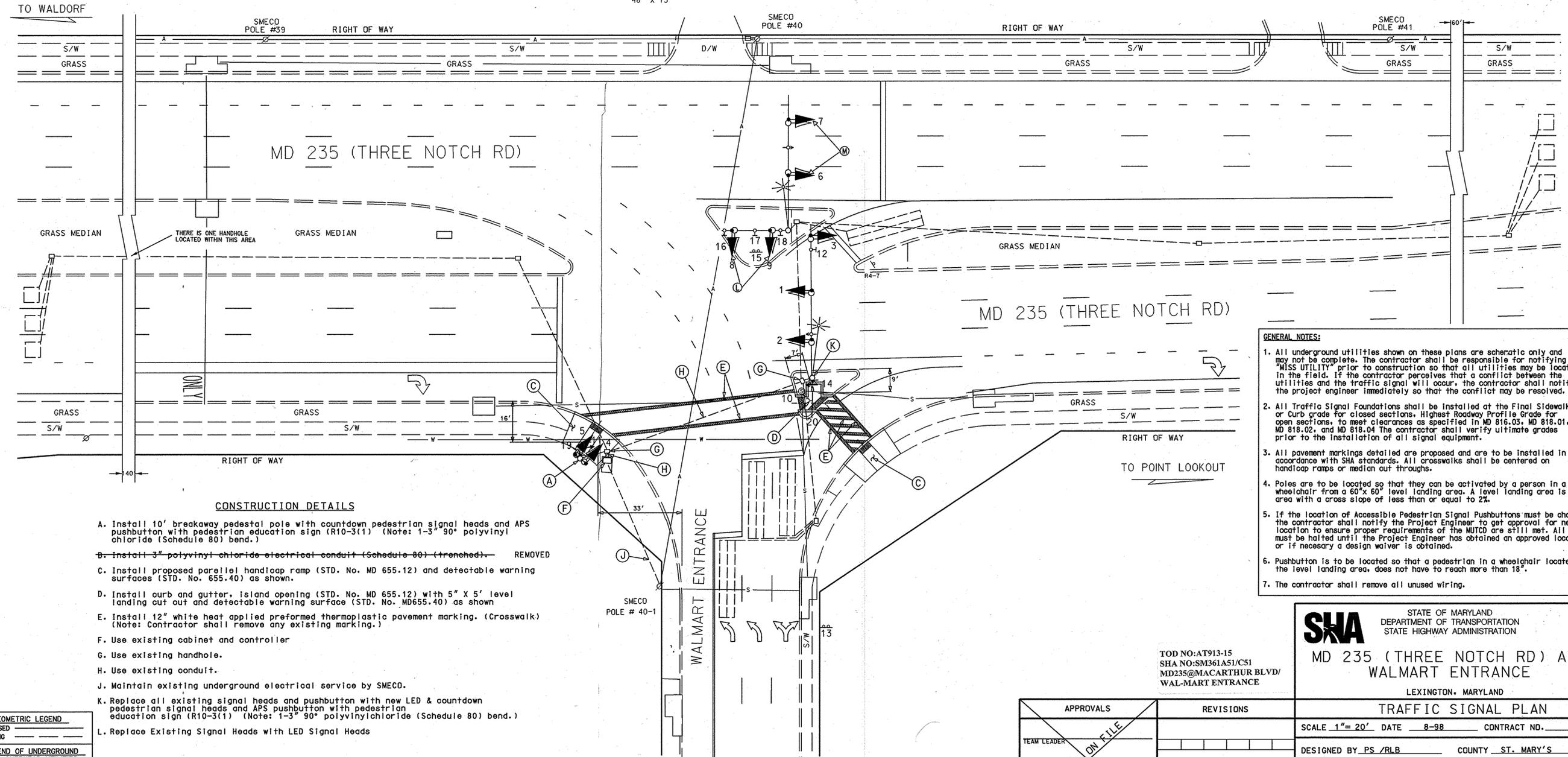
EXISTING SIGNALS



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



CONSTRUCTION DETAILS

- A. Install 10' breakaway pedestal pole with countdown pedestrian signal heads and APS pushbutton with pedestrian education sign (R10-3(1)) (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)
- B. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched) REMOVED
- C. Install proposed parallel handicap ramp (STD. No. MD 655.12) and detectable warning surfaces (STD. No. 655.40) as shown.
- D. Install curb and gutter, island opening (STD. No. MD 655.12) with 5' x 5' level landing cut out and detectable warning surface (STD. No. MD655.40) as shown
- E. Install 12" white heat applied preformed thermoplastic pavement marking. (Crosswalk) (Note: Contractor shall remove any existing marking.)
- F. Use existing cabinet and controller
- G. Use existing handhole.
- H. Use existing conduit.
- J. Maintain existing underground electrical service by SMECO.
- K. Replace all existing signal heads and pushbutton with new LED & countdown pedestrian signal heads and APS pushbutton with pedestrian education sign (R10-3(1)) (Note: 1-3" 90° polyvinylchloride (Schedule 80) bend.)
- L. Replace Existing Signal Heads with LED Signal Heads

- GENERAL NOTES:
1. 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.
  2. All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections. Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
  3. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards. All crosswalks shall be centered on handicap ramps or median cut throughs.
  4. Poles are to be located so that they can be activated by a person in a wheelchair from a 60"x 60" level landing area. A level landing area is an area with a cross slope of less than or equal to 2%.
  5. If the location of Accessible Pedestrian Signal Pushbuttons must be changed the contractor shall notify the Project Engineer to get approval for new location to ensure proper requirements of the MUTCD are still met. All work must be halted until the Project Engineer has obtained an approved location or if necessary a design waiver is obtained.
  6. Pushbutton is to be located so that a pedestrian in a wheelchair located on the level landing area, does not have to reach more than 18".
  7. The contractor shall remove all unused wiring.

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

MD 235 (THREE NOTCH RD) AND  
WALMART ENTRANCE

LEXINGTON, MARYLAND

TOD NO: AT913-15  
SHA NO: SM361A51/C51  
MD235@MACARTHUR BLVD/  
WAL-MART ENTRANCE

GEOMETRIC LEGEND

PROPOSED \_\_\_\_\_  
EXISTING \_\_\_\_\_

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE \_\_\_\_\_  
ELECTRIC \_\_\_\_\_  
TELEPHONE \_\_\_\_\_  
GAS \_\_\_\_\_  
SEWER \_\_\_\_\_  
WATER \_\_\_\_\_  
CABLE TV \_\_\_\_\_

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS
01-08-2008 INSTALL APS/CPS & LED SIGNAL HEADS SHA NO. 1 AT9135185 FJA

TRAFFIC SIGNAL PLAN		
SCALE 1" = 20'	DATE 8-98	CONTRACT NO.
DESIGNED BY PS /RLB	COUNTY ST. MARY'S	
DRAWN BY PS /RLB	LOGMILE 18023515.58	
CHECKED BY	TMS NO. 1968	
F. A. P. NO.	TOD NO.	
TS NO. 3842A	DRAWING NO. 1 OF 2	SHEET NO. OF

PLOTTED: WEDNESDAY, JANUARY 09, 2008 AT 2:39:49 PM  
FILE: 5842P.WALMART.LDN