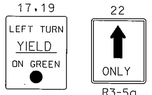
BORDER REV: DATE: June 1, 2004

MD 140 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION

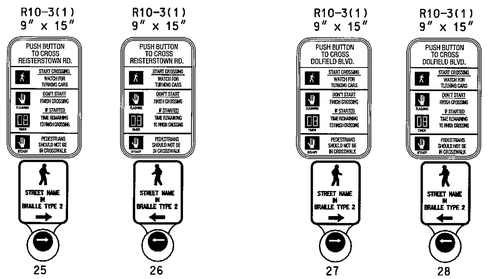
EXISTING SIGNS TO BE REMOVED



R10-12 36" x 42"

R3-5a 30" x 36"

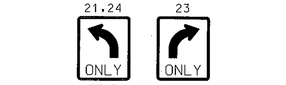
PROPOSED SIGNS



REISTERSTOWN RD.

DOLFIELD BLVD.

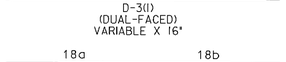
EXISTING SIGNS



R3-5L 30" x 36"

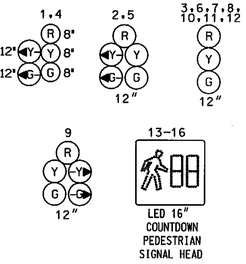
R3-5R 30" x 36"

D-3(I) (DUAL-FACED) VARIABLE X 16"



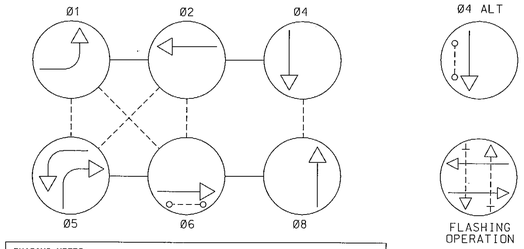
D-3(I) (DUAL-FACED) VARIABLE X 16"

PROPOSED LED SIGNALS

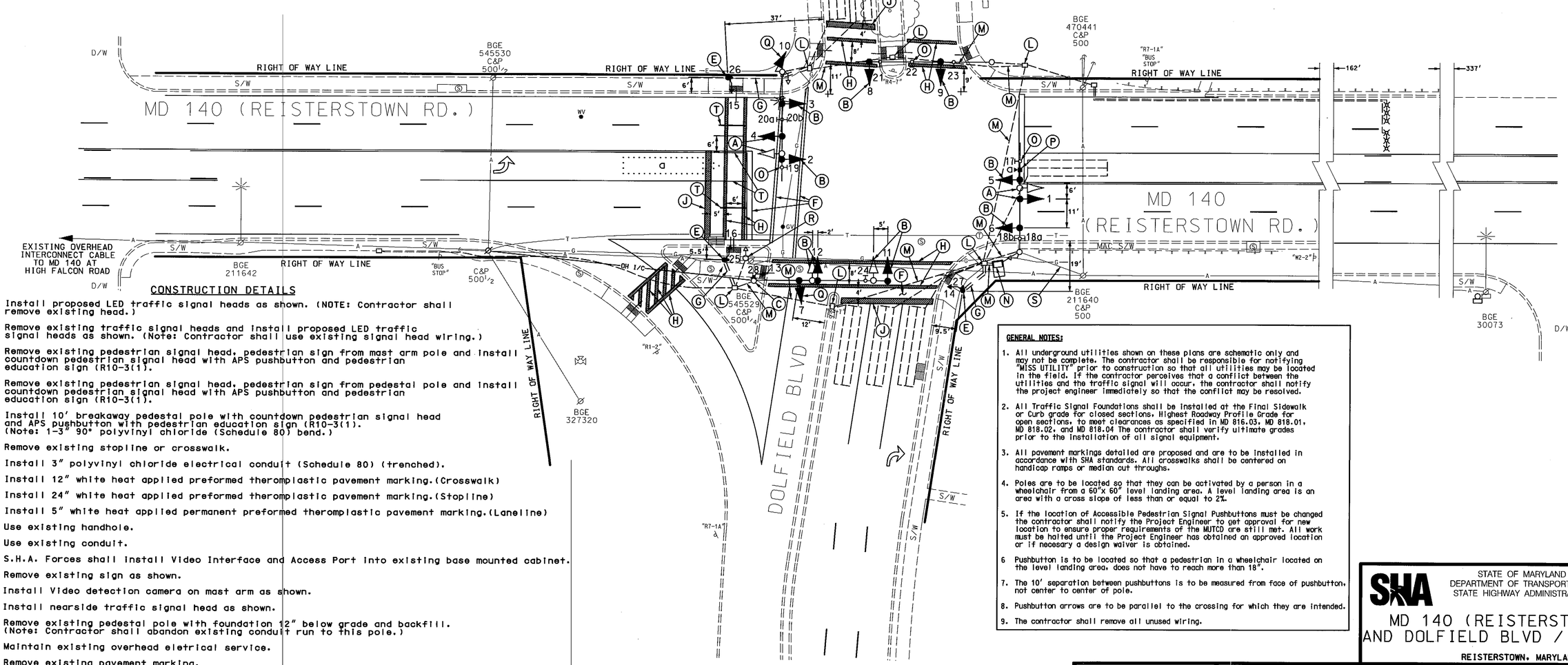


■ - VIDEO DETECTION CAMERA. a

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 proposed LED traffic signal heads as shown. (NOTE: Contractor shall remove existing head.)

B. Remove existing traffic signal heads and install proposed LED traffic signal heads as shown. (Note: Contractor shall use existing signal head wiring.)

C. Remove existing pedestrian signal head, pedestrian sign from mast arm pole and install countdown pedestrian signal head with APS pushbutton and pedestrian education sign (R10-3(1).

D. Remove existing pedestrian signal head, pedestrian sign from pedestal pole and install countdown pedestrian signal head with APS pushbutton and pedestrian education sign (R10-3(1).

E. Install 10' breakaway pedestal pole with countdown pedestrian signal head and APS pushbutton with pedestrian education sign (R10-3(1). (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)

F. Remove existing stopline or crosswalk.

G. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

H. Install 12" white heat applied preformed theromplastic pavement marking.(Crosswalk)

J. Install 24" white heat applied preformed theromplastic pavement marking.(Stopline)

K. Install 5" white heat applied permanent preformed theromplastic pavement marking.(Laneline)

L. Use existing handhole.

M. Use existing conduit.

N. S.H.A. Forces shall install Video Interface and Access Port into existing base mounted cabinet.

O. Remove existing sign as shown.

P. Install Video detection camera on mast arm as shown.

Q. Install nearside traffic signal head as shown.

R. Remove existing pedestal pole with foundation 12" below grade and backfill. (Note: Contractor shall abandon existing conduit run to this pole.)

S. Maintain existing overhead eletrical service.

T. Remove existing pavement marking.

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE —A—A—
ELECTRIC —E—E—
TELEPHONE —T—T—
GAS —G—G—
SEWER —S—S—
WATER —W—W—
CABLE TV —TV—TV—

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 necesary 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 10' separation between pushbuttons is to be measured from face of pushbutton, not center to center of pole.
8. Pushbutton arrows are to be parallel to the crossing for which they are intended.
9. The contractor shall remove all unused wiring.

REVISION "B"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

5668.dgn T-219

APPROVALS	
TEAM LEADER	ORIGINAL ON FILE
ASST. DIV.	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS
(B) INSTALL APS, CPS, LED SIGNALS 6/19/09
S.H.A. No.: XX4485185
JWA
A November 26, 1996 AS-BUILT
S.H.A. No.: BW-908-M81
M.A.M.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 140 (REISTERSTOWN RD.) AND DOLFIELD BLVD / RICHMAR RD

REISTERSTOWN, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE JULY 17, 1996 CONTRACT NO.

DESIGNED BY M.A.MEARS
DRAWN BY M.A.MEARS
CHECKED BY M.R.
F.A.P. NO.

COUNTY BALTIMORE
LOGMILE 03014006.87
TIMS NO. J343
TOD NO.

TS NO. 3591B | DRAWING NO. 1 OF 2 | SHEET NO. OF

PLOTTED: $DATETIME$
FILE: $FILE$

3000 9'5668\5668.dgn 6/19/2009 1:52:31 PM