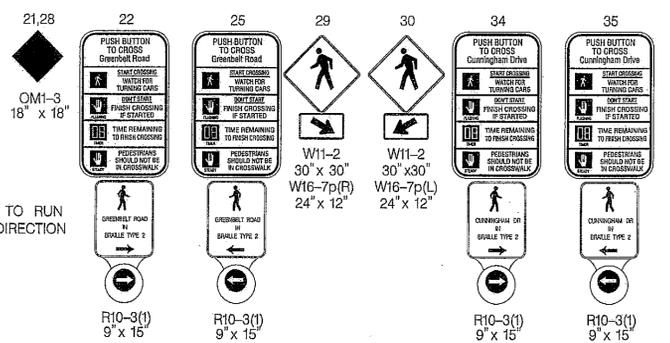
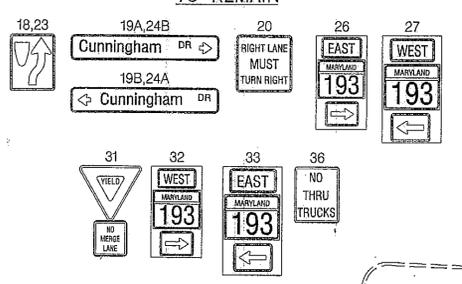


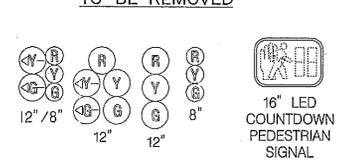
**PROPOSED SIGNS**



**EXISTING SIGNS TO REMAIN**



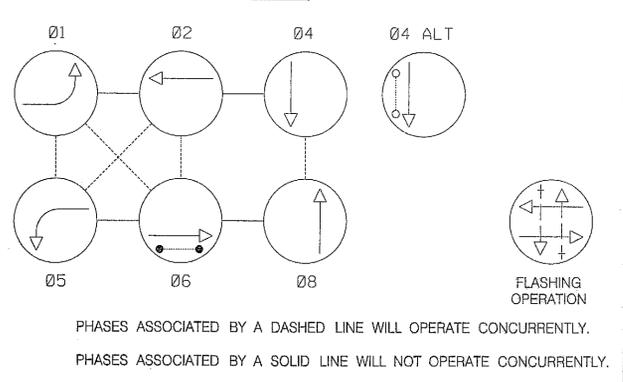
**EXISTING SIGNALS TO BE REMOVED**



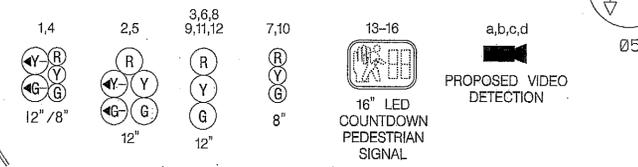
**EXISTING SIGNS TO BE REMOVED**



**NEMA PHASING**

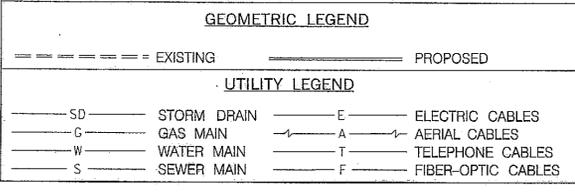


**PROPOSED LED SIGNALS**



- CONSTRUCTION DETAILS:**
- USE EXISTING SIGNAL POLES AND ALL SIGNAL EQUIPMENT, INSTALL LED SIGNAL HEADS AND VIDEO DETECTION CAMERAS. POWER SERVICE TO BE REMOVED BY OTHERS.
  - INSTALL 10' PEDESTAL POLE WITH BREAKAWAY COUPLINGS (MD 818.16-01), MODIFIED BASE, COUNTDOWN PEDESTRIAN SIGNAL, AUDIBLE TACTILE PUSHBUTTON AND SIGN. (NOTE: ONE 2 IN. PVC SCHEDULE 80 CONDUIT BEND).
  - INSTALL NEMA 6 BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT AS SHOWN. (NOTE: INSTALL 2-2 IN. AND 2-4 IN. PVC SCHEDULE 80 BENDS)
  - INSTALL METERED SERVICE PEDESTAL EMBEDDED.
  - INSTALL VIDEO DETECTION
  - INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
  - INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
  - INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
  - INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
  - INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED, PROVIDE CONDUIT BEND AT THE BASE OF UTILITY POLE.
  - INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSS WALK.
  - USE EXISTING HANDHOLE.
  - USE EXISTING CONDUIT.
  - CAP AND ABANDON EXISTING CONDUIT.
  - DISCONNECT AND ABANDON EXISTING LOOP DETECTOR.
  - REMOVE EXISTING SIGNAL CABINET AFTER NEW SERVICE IS CONNECTED AND TURNED ON. REMOVE OH SERVICE.
  - PULL BACK INTERCONNECT CABLE TO EX. HANDHOLE, INSTALL HANDHOLE ORIENTED FOR NON-INVASIVE PROBES AND REDIRECT TO THE NEW CABINET.
  - REMOVE EXISTING PED POLE WITH ALL ATTACHED EQUIPMENT. REMOVE FOUNDATION 12 IN. BELOW GROUND GRADE AND BACKFILL.
  - INSTALL HANDHOLE ORIENTED FOR NON-EVASIVE PROBES.
  - INSTALL NON-INVASIVE DETECTOR AND LEAD IN CABLE. (NOTE 1000' CABLE).
  - REMOVE EXISTING HANDHOLE.
  - INSTALL HANDHOLE.
  - INSTALL SIGN MOUNTED ON ONE 4"x 4" WOOD POST.
  - INSTALL SIGN MOUNTED ON ONE 4"x 6" WOOD POST.

- GENERAL NOTES:**
- VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
  - THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
  - THE CONTRACTOR SHALL VERIFY ALL EXISTING PAVEMENT MARKINGS BEFORE GRINDING, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS.
  - SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINET. ALL OTHER EXISTING SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
  - THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
  - 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, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
  - THE CONTRACTOR SHALL CONTACT ED RODENHIZER AT THE SIGNAL SHOP (410) 787-7650 TO DELIVER APS EQUIPMENT FOR TESTING.
  - THE CONTRACTOR SHALL WORK ONE QUADRANT AT A TIME AND MAINTAIN PEDESTRIAN ACCESSIBILITY TO ALL OTHER QUADRANTS.
  - FOR CROSSWALK HATCHING SEE SHEET 2.



APPROVALS	REVISIONS
<p>TEAM LEADER</p> <p>ASST. DIR. CHIEF</p> <p>DIVISION CHIEF</p> <p>OFFICE DIRECTOR</p>	<p>09/12 TMS-L274 SHA NO. PG8925177 INSTALL APS/CPS, LED SIGNALS AND VIDEO DETECTION</p> <p>B. REMOVE SOUTH LEG BUTTONS AND INDICATORS 6674 AT7825185 2/2006 CJS</p> <p>A. UPGRADE PED INDICATIONS TO APS ON SOUTH AND WEST LEGS FOR DISTRICT S/W PROJECT 6674 AT7825185 2/2006 CJS</p>

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 193 (GREENBELT RD) AND  
CUNNINGHAM DR  
GREENBELT, MD

**SIGNALIZATION PLAN SHEET**

SCALE 1" = 20' ADVERTISED DATE AUGUST, 1996. CONTRACT NO. AW-102-501-385

DESIGNED BY	BILL MALCOLM	COUNTY	PRINCE GEORGE'S
DRAWN BY	BILL MALCOLM	LOGMILE	16019305.31
CHECKED BY	DENNIS DODA	TMS NO.	
F.A.P. NO.	STPG-005 (492) E	TOD NO.	

TS NO. 3613C    DRAWING SG-1 OF 2    SHEET NO. 6 OF 26

