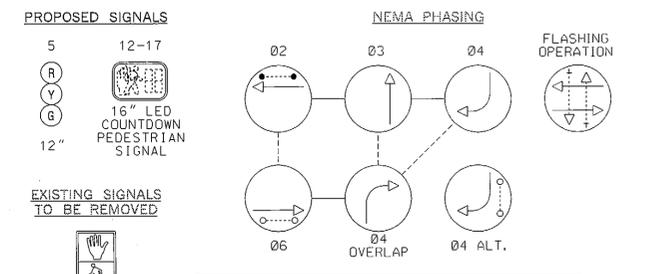
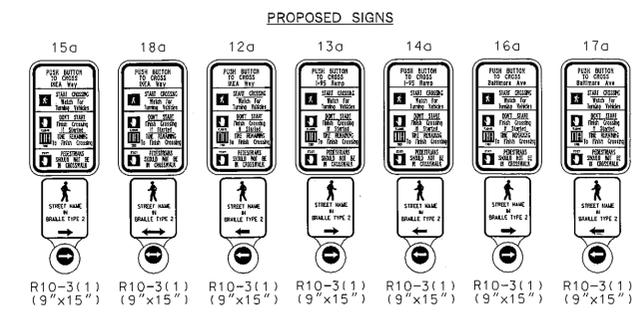
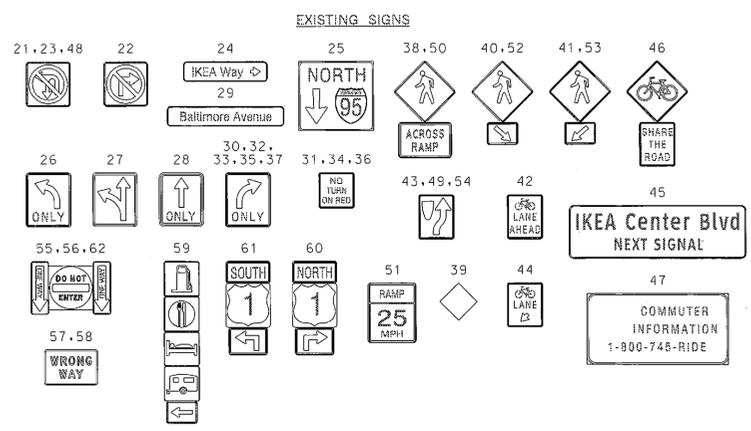
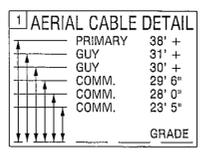
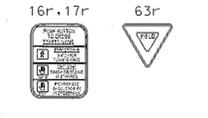


US 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

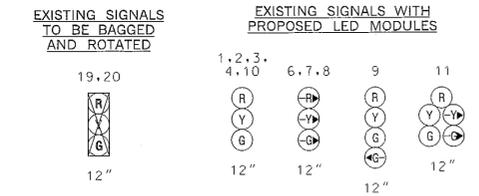
EXISTING SIGNS TO BE REMOVED



**APS NOTES**

- PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 48 IN. FROM A 60 IN. X 60 IN. LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
- THE 10' MINIMUM SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
- PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
- LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE. IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATION UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.

NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



**US 1 SBR (BALTIMORE AVE)**

**US 1 NBR (BALTIMORE AVE)**

**CONSTRUCTION DETAILS**

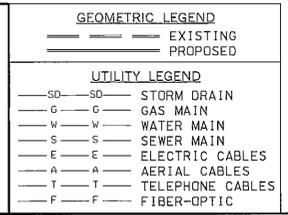
- INSTALL 10 FT. PEDESTAL POLE ON MODIFIED BASE WITH BREAKAWAY COUPLINGS (MD 801.01-01), COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE-TACTILE PEDESTRIAN PUSHBUTTON AND SIGN (NOTE: INSTALL 1-2 IN. 90° PVC CONDUIT BEND). INCORPORATE CONCRETE FOUNDATION INTO PROPOSED CURB.
- INSTALL 5 FT. PEDESTAL POLE ON MODIFIED BASE WITH BREAKAWAY COUPLINGS (MD 801.01-01), AUDIBLE-TACTILE PEDESTRIAN PUSHBUTTON AND SIGN (NOTE: INSTALL 1-2 IN. 90° PVC CONDUIT BEND). FOUNDATION SHALL BE FLUSH WITH SIDEWALK GRADE.
- INSTALL 5 FT. PEDESTAL POLE ON MODIFIED BASE WITH BREAKAWAY COUPLINGS (MD 801.01-01), AUDIBLE-TACTILE PEDESTRIAN PUSHBUTTON AND SIGN (NOTE: INSTALL 1-2 IN. 90° PVC CONDUIT BEND). INCORPORATE CONCRETE FOUNDATION INTO PROPOSED CURB.
- INSTALL 2 IN. SCHEDULE 80 PVC CONDUIT (TRENCHED).
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- USE EXISTING CABINET AND CONTROLLER.
- DISCONNECT, BAG AND ROTATE SIGNAL HEADS AWAY FROM TRAFFIC.
- ADJUST EXISTING VIDEO DETECTION ZONE.
- REMOVE EXISTING PUSHBUTTON AND PEDESTRIAN SIGNAL HEAD. INSTALL PROPOSED SIGNAL HEAD AND COUNTDOWN PEDESTRIAN SIGNAL HEAD ON EXISTING SIGNAL POLE.
- REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND INSTALL PROPOSED COUNTDOWN PEDESTRIAN SIGNAL HEAD.
- REMOVE EXISTING PEDESTAL POLE AND ALL ASSOCIATED EQUIPMENT. REMOVE FOUNDATION 12 IN. BELOW GRADE AND CAP AND ABANDON EXISTING CONDUIT.
- INSTALL 12 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING (FOR CROSSWALK).
- INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING (FOR STOP LINE).
- INSTALL 5 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING FOR LANE LINE (SOLID).

**GENERAL NOTES**

- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS.
- ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
- ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE. ALL INTERNAL CABINET WIRING SHALL BE PERFORMED BY SHA FORCES.
- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.

**CONSTRUCTION DETAILS (CONT'D)**

- INSTALL 5 IN. YELLOW LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING FOR EDGE LINE (SOLID).
- REMOVE EXISTING PAVEMENT MARKING.
- REMOVE EXISTING GROUND MOUNTED SIGN.
- INSTALL RAMP PER DETAIL SHEET.
- USE EXISTING HANDHOLE. ADJUST TO GRADE AS NEEDED.
- REMOVE EXISTING SIGNAL HEAD MODULES AND INSTALL LED MODULES INTO EXISTING SIGNAL HEAD.



**PARSONS BRINCKERHOFF**

100 S. Charles Street  
Tower 1, 10th Floor  
Baltimore, MD 21201  
(Ph) 410-787-5050 / (Fax) 410-727-4608  
http://www.pbworld.com

**GENERAL NOTES (CONT'D)**

- 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 THE APPROPRIATE 800 SERIES STANDARD PLATES. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- ALL UNDERGROUND AND OVERHEAD 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.
- THE CONTRACTOR SHALL MAINTAIN THE CONTINUOUS OPERATION OF ALL INTERCONNECT, VEHICULAR, PEDESTRIAN DETECTORS, AND LIGHTING DEVICES. IF ANY DEVICE IS DAMAGED BY THE CONTRACTOR, IT SHALL BE REPAIRED WITHIN 72 HOURS BY THE CONTRACTOR AT NO COST TO THE SHA AFTER NOTIFICATION BY THE ENGINEER.

TOD NO: XX439-07  
SHA NO: PG955B53  
US 1 @ IKEA Entrance/I-495 North Ramp

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

US 1 (BALTIMORE AVE) AT I-95/I-495 OL /IKEA WAY  
PEDESTRIAN SIGNAL MODIFICATION  
COLLEGE PARK, MD

APPROVALS	REVISIONS
TEAM LEADER	① ADDS UPGRADING AND ADDITION OF NEW SIGNALIZED PEDESTRIAN CROSSING ACROSS WEST LEG
ASST. DIV. CHIEF	SHA NO. XX439-07 TMS NO. 1039 1/5/2012
DIVISION CHIEF	② RECONSTRUCT DUE TO GEOMETRIC IMPROVEMENTS (IKEA WAY)
OFFICE DIRECTOR	③ REPLACE DAMAGED DETECTION

**SIGNALIZATION PLAN SHEET**

SCALE: 1" = 20' DATE: FEBRUARY 11, 1991 CONTRACT NO.: P-560-502-372

DESIGNED BY: R.W.H. COUNTY: PRINCE GEORGE'S  
DRAWN BY: Q.O.P. LOGMILE: 16030106.53  
CHECKED BY: R.W.H. TMS NO.:  
F.A.P. NO.: TOD NO.:

TS NO. 3130E DRAWING SG-01 OF 03 SHEET NO. 1 OF 3

PLOTTED: Friday, January 13, 2012 at 11:58:56 AM  
FILE: p50\_p000\_US 1 @ I-495 OL & IKEA.dgn