



NOTE:  
 1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
 2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.  
 3. CONTROLLER SHALL BE CONFIGURED TO ALLOW PHASE 05 TO OPERATE AS A LAG BEHIND PHASE 02 AND 06.

- CONSTRUCTION DETAILS**
- A. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). FOUNDATION SHALL BE INSTALLED FLUSH WITH FINAL SIDEWALK GRADE. REFER TO STANDARD MD 801.01-01 FOR FOUNDATION DETAILS. NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE.
  - B. INSTALL 5 FT. BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). FOUNDATION SHALL BE INSTALLED FLUSH WITH FINAL SIDEWALK GRADE. REFER TO STANDARD MD 801.01-01 FOR FOUNDATION DETAILS. NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.
  - C. REMOVE EXISTING PEDESTAL POLE AND ASSOCIATED SIGNAL EQUIPMENT. CAP AND ABANDON EXISTING CONDUITS. REMOVE EXISTING FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
  - D. INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
  - E. INSTALL 12 INCH WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
  - F. INSTALL 24 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE. THIS ITEM IS PAID FOR AS 2-12 INCH WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
  - G. INSTALL GROUND MOUNTED SIGN ON 1 - 4 INCH X 6 INCH WOOD SIGN SUPPORT (DRILLED). NOTE: SIGN INSTALLED ON BRICK OR CONCRETE SHALL HAVE A SLEEVED FOUNDATION MEETING REQUIREMENTS IN STANDARDS 812.05-01 AND 812.05-02. A SLEEVED FOUNDATION IS INCIDENTAL TO THE WOOD SIGN SUPPORT.
  - H. REMOVE EXISTING PAVEMENT MARKINGS.

- PROPOSED ACCESSIBLE PUSHBUTTON AND SIGN**
- I. PROPOSED VIDEO DETECTION ZONE.
  - J. REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORT.
  - K. USE EXISTING CABINET. INSTALL TWO 2-WIRE APS CENTRAL CONTROL UNIT (INCIDENTAL TO THE PUSHBUTTON).
  - L. ADJUST EXISTING HANDHOLE TO FINAL GRADE AND REPLACE FRAME AND COVER.
  - M. USE EXISTING HANDHOLE.
  - N. INSTALL 6'X30' QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING (3-6-3 WINDING) AND SPLICE TO EXISTING 2-C ALUMINUM SHIELDED CABLE IN HANDHOLE. LOOP SHALL BE PLACED 1" BEHIND THE STOP LINE. ABANDON EXISTING LOOP.
  - O. INSTALL 1" RIGID GALVANIZED STEEL CONDUIT (FOR DETECTOR SLEEVE).
  - P. USE EXISTING CONDUIT.
  - Q. INSTALL GROUND MOUNTED SIGN ON 1 - 4 INCH X 4 INCH WOOD SIGN SUPPORT. NOTE: SIGN INSTALLED ON BRICK OR CONCRETE SHALL HAVE A SLEEVED FOUNDATION MEETING REQUIREMENTS IN STANDARDS 812.05-01 AND 812.05-02. A SLEEVED FOUNDATION IS INCIDENTAL TO THE WOOD SIGN SUPPORT.
  - R. RELOCATE EXISTING GROUND MOUNTED SIGN ON 1 - 4 INCH X 6 INCH WOOD SUPPORT (DRILLED).
  - S. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED.
  - T. ABANDON EXISTING LOOP DETECTOR.

**SHA** STATE OF MARYLAND  
 DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION  
 OFFICE OF TRAFFIC & SAFETY  
 TRAFFIC ENGINEERING DESIGN DIVISION  
 US 40 AT MD 222  
 PERRYVILLE, MARYLAND

APPROVALS		REVISIONS		TRAFFIC SIGNAL PLAN	
TEAM LEADER	ASST. DIR. CHIEF	K	CONSTRUCTION OF ADA RAMP AND ADD APS/APS 02-2013 SHA NO. XY2345133 TMS-1858	SCALE	1"=20'
DIVISION CHIEF	OFFICE DIRECTOR	J	INSTALL VIDEO DETECTION 02-2009 SHA NO. 0T2007	DATE	7/20/1983
		I	ADD 2ND EB LT LANE 08-01-2007 ON US 40 MDTA NO. HB-450-000-002	CONTRACT NO.	CE-549X-285
				DESIGNED BY	COUNTY
				DRAWN BY	CECIL
				CHECKED BY	LOGMILE
				FAP NO.	07004001.18
					TMS NO.
					TOD NO.
				TS NO.	290K
				DRAWING	SP-1 OF 2
				SHEET NO.	OF

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