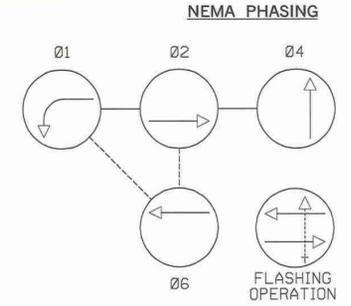
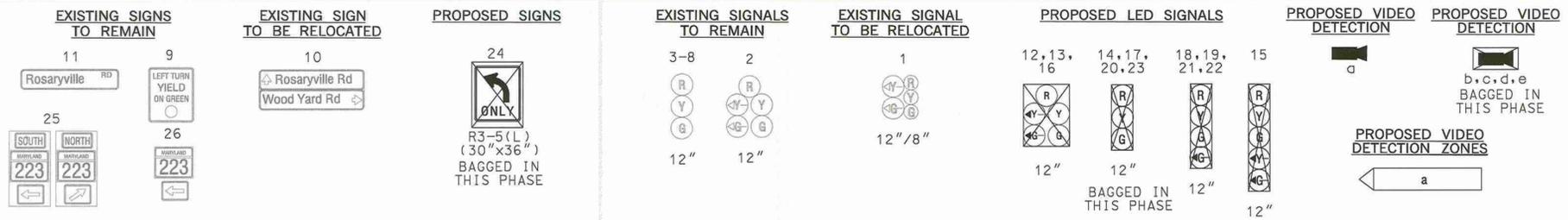
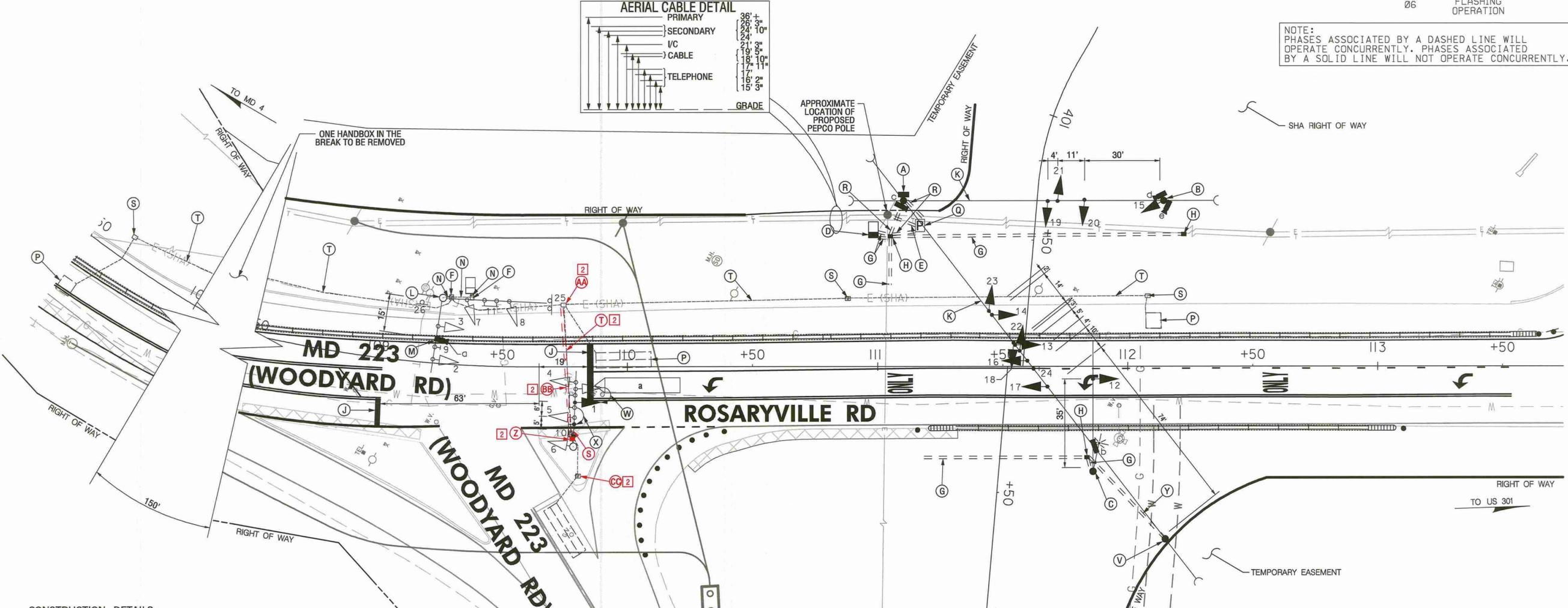
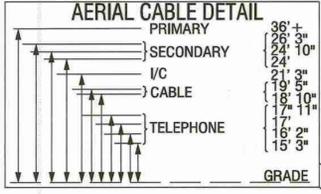


MD 223/ROSARYVILLE ROAD IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



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



- CONSTRUCTION DETAILS**
- A. INSTALL 40 FT CLASS II WOOD POLE WITH SPAN WIRE, ONE-3 IN. WEATHER HEAD, TWO-3 IN. PVC SCHEDULE 80 RISERS, VIDEO DETECTION CAMERA, BACKGUY ASSEMBLY, AND POLE MOUNTED CONTROLLER. STA. 111+10, 66 FT. LT.
 - B. INSTALL 40 FT CLASS II WOOD POLE WITH SPAN WIRE, ONE-3 IN. WEATHER HEAD, ONE-3 IN. PVC SCHEDULE 80 RISER, VIDEO DETECTION CAMERAS, BACKGUY ASSEMBLY, AND TRAFFIC SIGNAL HEAD. STA. 112+14, 66 FT. LT.
 - C. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH A SINGLE 50 FT. MAST ARM WITH SIGNAL HEAD, 10 FT. LIGHTING ARM, 250 WATT HPS LUMINAIRE, AND OVERHEAD VIDEO DETECTION CAMERA AS SHOWN ON PLAN. (NOTE: ONE-4 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 111+86, 42 FT. RT.
 - D. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS). STA. 111+06, 55 FT. LT.
 - E. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR ELECTRICAL SERVICE - TRENCHED. STUB OUT CONDUIT BEND 6 IN. ABOVE GROUND AT BASE OF UTILITY POLE AND CAP. PROVIDE 35 FT. OF SLACK COILED SERVICE CABLE (3-WIRE, 1-CONDUCTOR, 2/0 AWG, TYPE USE, 600V), FINAL CONNECTIONS SHALL BE MADE BY PEPCCO.
 - F. USE EXISTING HANDHOLE.
 - G. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - H. INSTALL HANDHOLE.
 - J. INSTALL 24 IN. WHITE REMOVABLE PAVEMENT LINE MARKING FOR STOP LINE.
 - K. INSTALL 5/8 INCH SPAN WIRE WITH A 1/4 IN. TETHER WIRE WITH TRAFFIC SIGNAL HEADS AND SIGN.
 - L. USE EXISTING MAST ARM POLE.
 - M. USE EXISTING MAST ARM AND INSTALL VIDEO DETECTION CAMERA.
 - N. USE EXISTING CONDUIT.
 - P. ABANDON EXISTING LOOP DETECTOR REMOVING LEAD-IN CABLES FROM ALL CONDUIT, HANDHOLES AND CABINET.
 - Q. INSTALL 100 AMP EMBEDDED METER SERVICE PEDESTAL (PROVIDE THREE (3) 2 IN. AND ONE (1) 4 IN. PVC SCHEDULE 80 CONDUIT BENDS, AS PER STD. MD 807.07-01 & -02).
 - R. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - S. REMOVE EXISTING HANDHOLE 12 IN. BELOW GRADE AND BACKFILL.
 - T. CAP AND ABANDON EXISTING CONDUIT.
 - V. INSTALL 40 FT CLASS II WOOD POLE WITH SPAN WIRE, ONE-3 IN. WEATHER HEAD, ONE-3 IN. PVC SCHEDULE 80 RISER, AND BACKGUY ASSEMBLY. STA. 300+63, 69 FT. LT.
 - W. RELOCATE EXISTING SIGNAL HEAD, AS SHOWN.
 - X. RELOCATE EXISTING SIGN, AS SHOWN.
 - Y. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - Z. INTERCEPT EXISTING CONDUIT LEAVING SIGNAL POLE AND CONDUIT TO LOOP DETECTOR AND INSTALL HANDHOLE.
 - AA. PULL BACK EXISTING TRAFFIC SIGNAL CABLES AND REROUTE THROUGH NEW CONDUIT TO EXISTING SIGNAL STRUCTURE.
 - BB. INSTALL 3 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
 - CC. PULL BACK EXISTING LOOP LEAD-IN CABLE AND REROUTE THROUGH NEW CONDUIT SYSTEM TO CABINET.

- GEOMETRIC LEGEND**
- EXISTING
 - PROPOSED
- UTILITY LEGEND**
- SD - STORM DRAIN
 - G - GAS MAIN
 - W - WATER MAIN
 - S - SEWER MAIN
 - E - ELECTRIC CABLES
 - A - AERIAL CABLES
 - T - TELEPHONE CABLES
 - F - FIBER-OPTIC

SABRA, WANG & ASSOCIATES, INC.
 1504 JOH AVENUE
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 BALTIMORE, MD 21227
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 WWW.SABRA-WANG.COM

APPROVALS	REVISIONS
TEAM LEADER	1. SHA NO. P06295176 TMS JOB0 SIGNAL RECONSTRUCTION DUE TO GEOMETRIC IMPROVEMENTS 04-10
ASST. DIR. CHIEF	2. SHA NO. INSTALL NEW MAST ARM AND LOOPS 2/88
DIVISION CHIEF	RRZ
OFFICE DIRECTOR	A. SHA NO. 07-3-88 REMOVE THE R/T OVERLAP ON S.B. MD 223
	CA

DESIGNED BY	HOWARD J. KILIAN	COUNTY	PRINCE GEORGE'S
DRAWN BY	M.J.H. KILIAN	LOGMILE	16022310.24
CHECKED BY	WILLIAM J. RICHARDSON	T.I.M.S. NO.	J080
F.A.P. NO.	SEE TITLE SHEET	TOD NO.	

MOT PHASE 1B

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

MD 223 (WOODYARD ROAD) AT ROSARYVILLE ROAD
 INTERSECTION IMPROVEMENTS
 ROSARYVILLE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 9-27-77 CONTRACT NO. P 572-501-385

TS NO. 1530C DRAWING NO. pSG OF P001B SHEET NO. 69 OF 93

PLOTTED: Tuesday, May 24, 2011 AT 04:41 PM
 FILE: R:\2002\73 BCS 2002-07 Sub_Eng_Svg URS\Task 14 MD 223 at Rosaryville\07\Signal\REDLINE-061911\pSG-P001B_M0223.dgn