

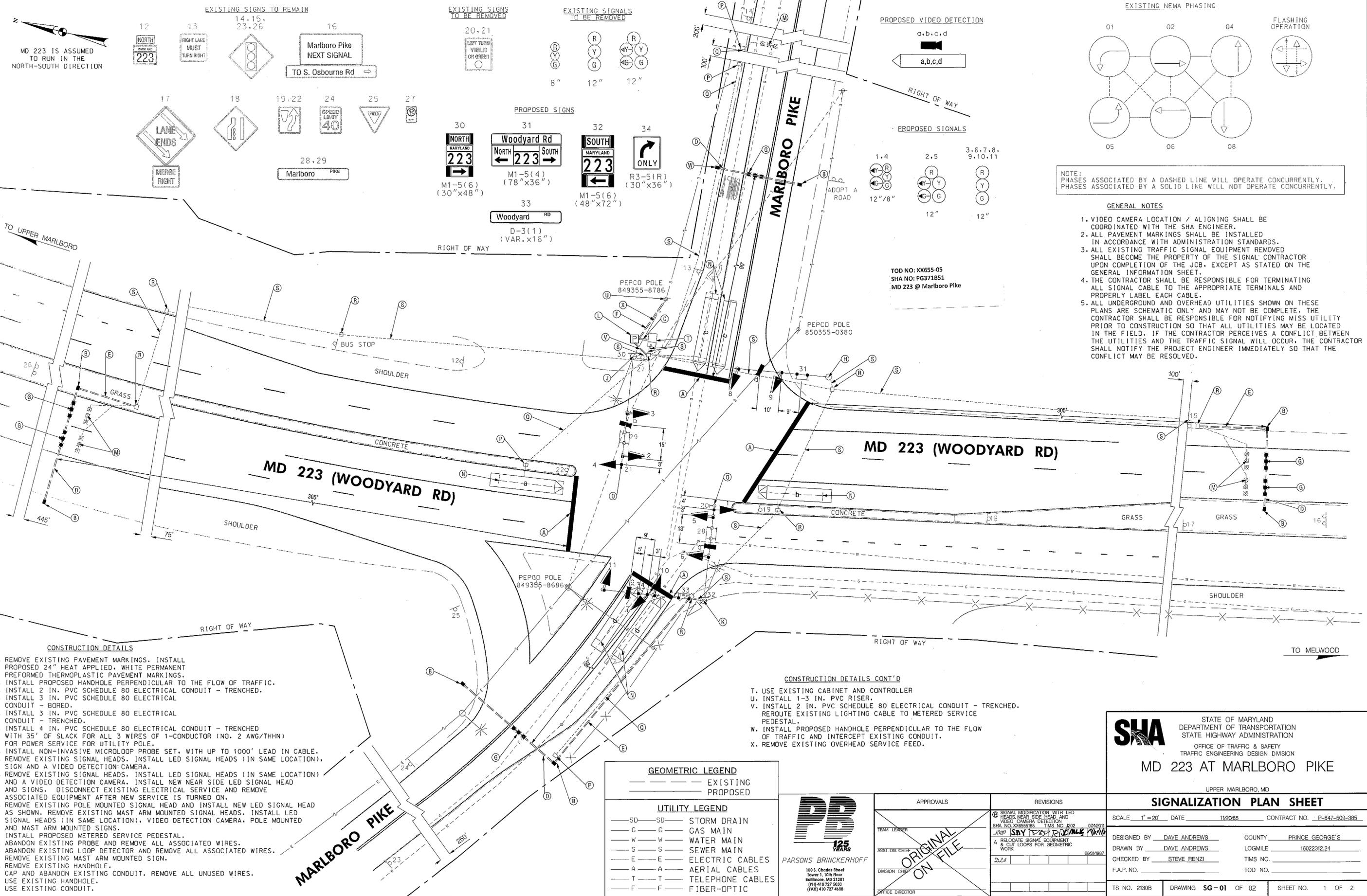
BORDER REV. DATE: June 11, 2004

BY: kurgansky

DRILL HOLES

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

- GENERAL NOTES**
- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
 - ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH ADMINISTRATION STANDARDS.
 - ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED UPON COMPLETION OF THE JOB, EXCEPT AS STATED ON THE GENERAL INFORMATION SHEET.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
 - 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 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.

- CONSTRUCTION DETAILS**
- A. REMOVE EXISTING PAVEMENT MARKINGS. INSTALL PROPOSED 24" HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.
 - B. INSTALL PROPOSED HANDHOLE PERPENDICULAR TO THE FLOW OF TRAFFIC.
 - C. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - D. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
 - E. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - F. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED WITH 35' OF SLACK FOR ALL 3 WIRES OF 1-CONDUCTOR (NO. 2 AWG/THHN) FOR POWER SERVICE FOR UTILITY POLE.
 - G. INSTALL NON-INVASIVE MICROLOOP PROBE SET, WITH UP TO 1000' LEAD IN CABLE.
 - H. REMOVE EXISTING SIGNAL HEADS. INSTALL LED SIGNAL HEADS (IN SAME LOCATION), SIGN AND A VIDEO DETECTION CAMERA.
 - J. REMOVE EXISTING SIGNAL HEADS. INSTALL LED SIGNAL HEADS (IN SAME LOCATION) AND A VIDEO DETECTION CAMERA. INSTALL NEW NEAR SIDE LED SIGNAL HEAD AND SIGNS. DISCONNECT EXISTING ELECTRICAL SERVICE AND REMOVE ASSOCIATED EQUIPMENT AFTER NEW SERVICE IS TURNED ON.
 - K. REMOVE EXISTING POLE MOUNTED SIGNAL HEAD AND INSTALL NEW LED SIGNAL HEAD AS SHOWN. REMOVE EXISTING MAST ARM MOUNTED SIGNAL HEADS. INSTALL LED SIGNAL HEADS (IN SAME LOCATION), VIDEO DETECTION CAMERA, POLE MOUNTED AND MAST ARM MOUNTED SIGNS.
 - L. INSTALL PROPOSED METERED SERVICE PEDESTAL.
 - M. ABANDON EXISTING PROBE AND REMOVE ALL ASSOCIATED WIRES.
 - N. ABANDON EXISTING LOOP DETECTOR AND REMOVE ALL ASSOCIATED WIRES.
 - O. REMOVE EXISTING MAST ARM MOUNTED SIGN.
 - P. REMOVE EXISTING HANDHOLE.
 - Q. CAP AND ABANDON EXISTING CONDUIT. REMOVE ALL UNUSED WIRES.
 - R. USE EXISTING HANDHOLE.
 - S. USE EXISTING CONDUIT.

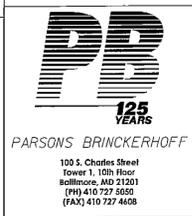
- CONSTRUCTION DETAILS CONT'D**
- T. USE EXISTING CABINET AND CONTROLLER
 - U. INSTALL 1-3 IN. PVC RISER.
 - V. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. REROUTE EXISTING LIGHTING CABLE TO METERED SERVICE PEDESTAL.
 - W. INSTALL PROPOSED HANDHOLE PERPENDICULAR TO THE FLOW OF TRAFFIC AND INTERCEPT EXISTING CONDUIT.
 - X. REMOVE EXISTING OVERHEAD SERVICE FEED.

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



APPROVALS

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

REVISIONS

1	SIGNAL MODIFICATION WITH LED HEADS, NEAR SIDE HEAD AND VIDEO CAMERA DETECTION	07/20/11
2	RELOCATE SIGNAL EQUIPMENT & CUT LOOPS FOR GEOMETRIC WORK	08/01/2007

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

MD 223 AT MARLBORO PIKE

UPPER MARLBORO, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' DATE 11/20/05 CONTRACT NO. P-847-509-385

DESIGNED BY DAVE ANDREWS COUNTY PRINCE GEORGE'S
DRAWN BY DAVE ANDREWS LOGMILE 16022312.24
CHECKED BY STEVE RENZI TMS NO.
F.A.P. NO. TOD NO.

TS NO. 21308 DRAWING SG-01 OF 02 SHEET NO. 1 OF 2