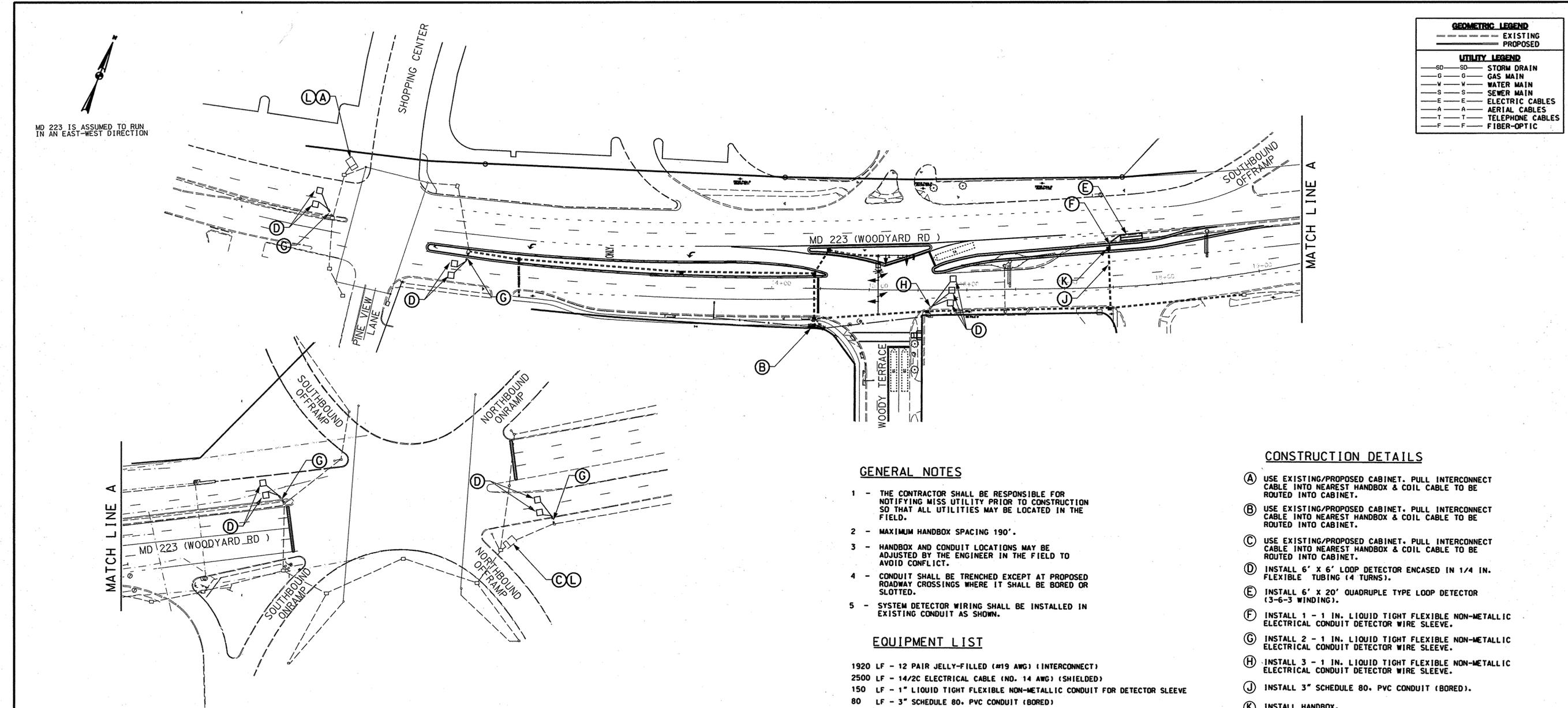


DRILL HOLES

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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

MD 223 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

GENERAL NOTES

- 1 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD.
- 2 - MAXIMUM HANDBOX SPACING 190'.
- 3 - HANDBOX AND CONDUIT LOCATIONS MAY BE ADJUSTED BY THE ENGINEER IN THE FIELD TO AVOID CONFLICT.
- 4 - CONDUIT SHALL BE TRENCHED EXCEPT AT PROPOSED ROADWAY CROSSINGS WHERE IT SHALL BE BORED OR SLOTTED.
- 5 - SYSTEM DETECTOR WIRING SHALL BE INSTALLED IN EXISTING CONDUIT AS SHOWN.

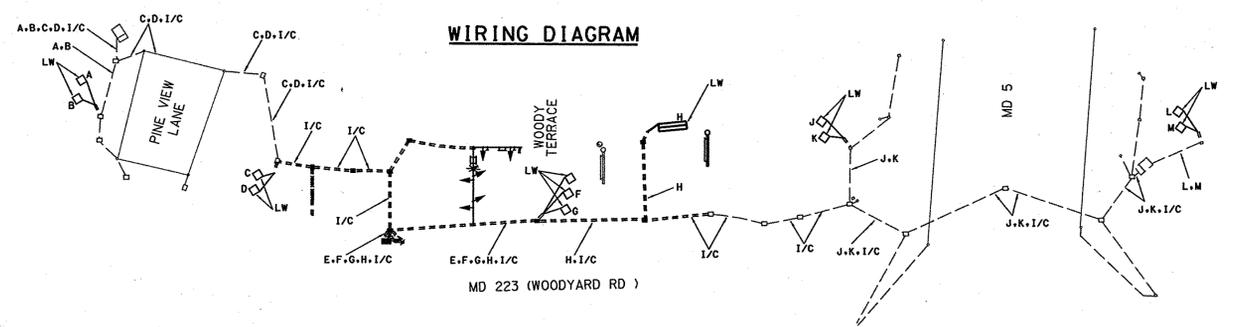
EQUIPMENT LIST

- 1920 LF - 12 PAIR JELLY-FILLED (#19 AWG) (INTERCONNECT)
- 2500 LF - 14/2C ELECTRICAL CABLE (NO. 14 AWG) (SHIELDED)
- 150 LF - 1" LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
- 80 LF - 3" SCHEDULE 80, PVC CONDUIT (BORED)
- 1 EA - HANDBOX
- 2 EA - TELEMETRY INTERFACE EQUIPMENT AND PANEL
- 2 EA - QUICK CONNECT PANEL
- 1900 LF - LOOPWIRE ENCASED IN 1/4" FLEXIBLE TUBING
- 780 LF - SAW CUT

CONSTRUCTION DETAILS

- (A) USE EXISTING/PROPOSED CABINET. PULL INTERCONNECT CABLE INTO NEAREST HANDBOX & COIL CABLE TO BE ROUTED INTO CABINET.
- (B) USE EXISTING/PROPOSED CABINET. PULL INTERCONNECT CABLE INTO NEAREST HANDBOX & COIL CABLE TO BE ROUTED INTO CABINET.
- (C) USE EXISTING/PROPOSED CABINET. PULL INTERCONNECT CABLE INTO NEAREST HANDBOX & COIL CABLE TO BE ROUTED INTO CABINET.
- (D) INSTALL 6' x 6' LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (4 TURNS).
- (E) INSTALL 6' x 20' QUADRUPLE TYPE LOOP DETECTOR (3-6-3 WINDING).
- (F) INSTALL 1 - 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT DETECTOR WIRE SLEEVE.
- (G) INSTALL 2 - 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT DETECTOR WIRE SLEEVE.
- (H) INSTALL 3 - 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT DETECTOR WIRE SLEEVE.
- (J) INSTALL 3" SCHEDULE 80, PVC CONDUIT (BORED).
- (K) INSTALL HANDBOX.
- (L) INSTALL A TELEMETRY INTERFACE HARNESS AND PANEL AND QUICK CONNECT BLOCK INTO EXISTING CONTROLLER.

WIRING DIAGRAM



- LW 1/4" LOOP WIRE ENCASED IN FLEXIBLE TUBING
- A-M 2-CONDUCTOR ELECTRICAL CABLE ALUMINUM SHEILED (#14 AWG)
- I/C 12 PAIR JELLY-FILLED (#19 AWG)

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

MD 223 (WOODYARD ROAD) / WOODY TERRACE

APPROVALS	REVISIONS	INTERCONNECT PLAN	
<p>WELLS & ASSOCIATES, LLC</p> <p>TRANSPORTATION, TRAFFIC, AND PARKING CONSULTANTS 1428 SPRING HILL ROAD MCLEAN, VA 22102 PHONE: (703) 917-0628 FAX: (703) 917-0739 5 WYRT STREET LEESBURG, VA 20175 PHONE: (703) 443-1442 FAX: (703) 443-1225</p>	<p>DESIGNED BY DPN</p> <p>DRAWN BY DPN/LV</p> <p>CHECKED BY CT/CPH</p> <p>F.A.P. NO. N/A</p>	<p>SCALE 1"=50'</p> <p>DATE 09/26/07</p> <p>CONTRACT NO. BW996M82</p> <p>COUNTY Prince Georges</p> <p>LOGMILE 16022307.6</p> <p>T.I.M.S. NO. H185</p> <p>TOD NO.</p>	<p>TS# 4536</p> <p>SHEET NO. 1 OF 1</p>

PLOTTED: #DATE#
FILE: #FILE#

BY: \$USER\$NAME\$