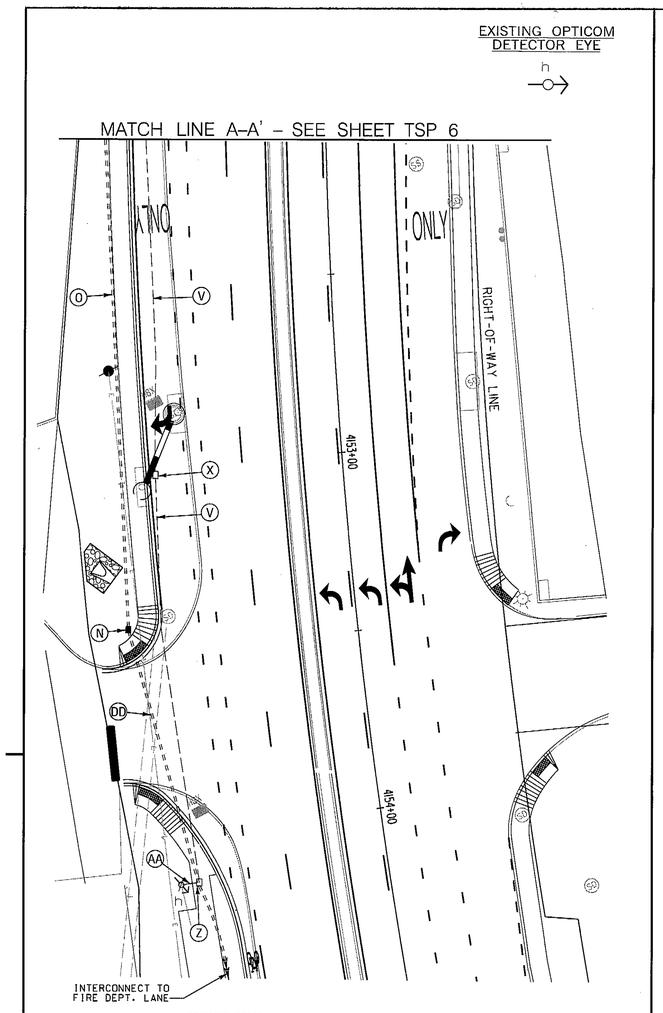


CONSTRUCTION DETAILS

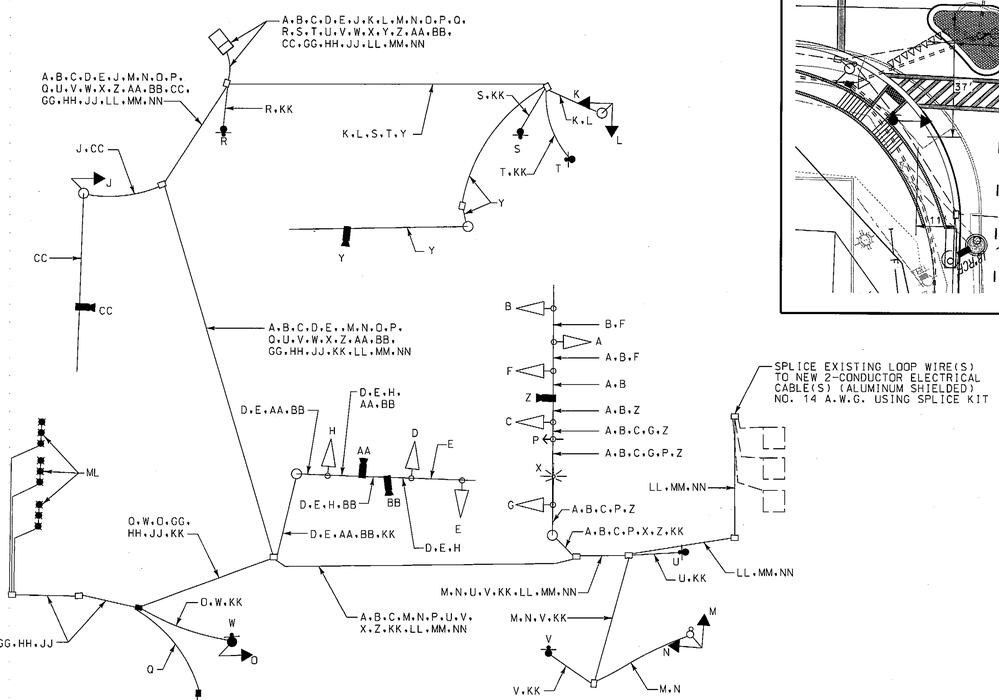
N. INSTALL HANDHOLE.
O. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
V. CAP AND ABANDON EXSITING CONDUIT.
X. REMOVE EXISTING HANDHOLE.
Z. USE EXISTING HANDHOLE.
AA. USE EXISTING CONDUIT.
DD. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.

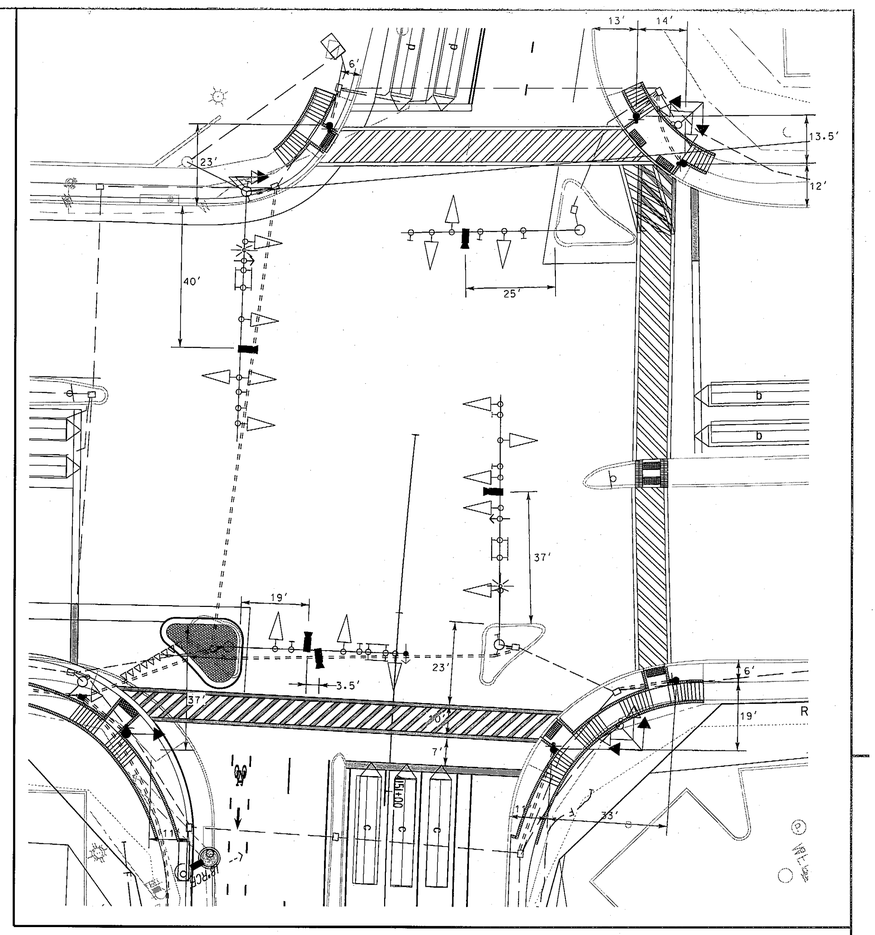
GENERAL NOTES

1. 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 MD 816.03. MD 818.01. MD 818.02. MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
2. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
3. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
4. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
8. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" x 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
9. THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON. NOT CENTER TO CENTER OF POLE.
10. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
11. 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 LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED. APPROVED BY THE DIRECTOR. OFFICE OF TRAFFIC AND SAFETY.
12. FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS. OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
13. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
14. ALL HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
15. THE SIGNAL CONTRACTOR SHALL DETERMINE IF ANY WORK BY OTHER CONTRACTORS CAN NOT BE COMPLETED UNTIL INSTALLATION OF SIGNAL EQUIPMENT IS COMPLETE. THE SIGNAL CONTRACTOR SHALL NOTIFY OTHER CONTRACTORS OF THIS WORK.

WIRING KEY

A B C D E — 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
F G H J K L M N O — 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
P Q — 4-CONDUCTOR OPTICOM DETECTOR CABLE (NO. 14 A.W.G.)
R S T U V W — 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
X — 2-CONDUCTOR ELECTRICAL CABLE (NO. 12 A.W.G.) - TRAY CABLE
Y Z AA BB CC — VIDEO CAMERA DETECTION LEAD-IN CABLE
GG HH JJ — MICROLOOP PROBE LEAD-IN
KK — STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
LL MM NN — 2-CONDUCTOR ELECTRICAL CABLE ALUMINUM SHIELDED (NO. 14 A.W.G.)
ML - MICROLOOP PROBE SET
⏚ - 3/4 IN. X 10 FT. GROUND ROD





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

MD 237 FROM MD 235 TO PEGG ROAD
MD 235 AND MD 237 /MAPLE ROAD

GENERAL INFORMATION SHEET

SCALE 1" = 20' ADVERTISED DATE DECEMBER 10, 2008 CONTRACT NO. SM7575171

DESIGNED BY B. DONOWAY — COUNTY ST MARYS
DRAWN BY B. DONOWAY — LOGMILE 18023514.97
CHECKED BY N. LEARY — TIMS NO. H783
F.A.P. NO. ACSTP-HP-2442(001)E — TOD NO.

TS NO. 912 J | DRAWING TSP-15 OF 16 | SHEET NO. 16 OF 36

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