

**PROJECT DESCRIPTION**

THIS PROJECT INVOLVES THE UPGRADING OF THE EXISTING DETECTION AT MD 30 (HANOVER PIKE) & MD 91 (EMORY ROAD) INTERSECTION. THIS PROJECT IS LOCATED IN BALTIMORE, MARYLAND.  
MD 30 (HANOVER PIKE) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

**INTERSECTION OPERATION**

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

**CONTROLLER REQUIREMENTS**

MD 30 (HANOVER PIKE) AND MD 91 (EMORY ROAD)

THE EXISTING POLE MOUNTED CABINET AND CONTROLLER WILL BE USED. THE CABINET WILL BE RETROFITTED TO OPERATE VIDEO DETECTION.

**EQUIPMENT LIST "A"**

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
9086	1 EACH	VIDEO DETECTION INTERFACE EQUIPMENT: 1-4 CAMERAS

**EQUIPMENT LIST "B"**

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8004	2 EACH	ADJUST HANDHOLE TO GRADE
8008	1 EACH	REMOVE & DISPOSE OF EQUIPMENT PER ASSIGNMENT
8012	100 LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCH - BORED
8019	2 EACH	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8028	4 EACH	VIDEO DETECTION CAMERA AND CABLE ANY LENGTH
NEG	2 EACH	NONINVASIVE DETECTOR (ANY LENGTH) LEAD IN CABLE UP TO 1000'

**EQUIPMENT LIST "C"**

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR

**MAINTENANCE OF TRAFFIC**

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT. ADDITIONAL TRAFFIC CONTROL STANDARDS MAY BE USED AS DIRECTED BY THE ENGINEER.

STANDARD NO. MD-104.02-09 (FLAGGING OPERATIONS 2-LANE, 2-WAY)

STANDARD NO. MD-104.02-14 (INTERSECTION FLAGGING)

**PROJECT CONTACTS**

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MS. ERIN KUHN  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
PHONE: (410) 229-2381

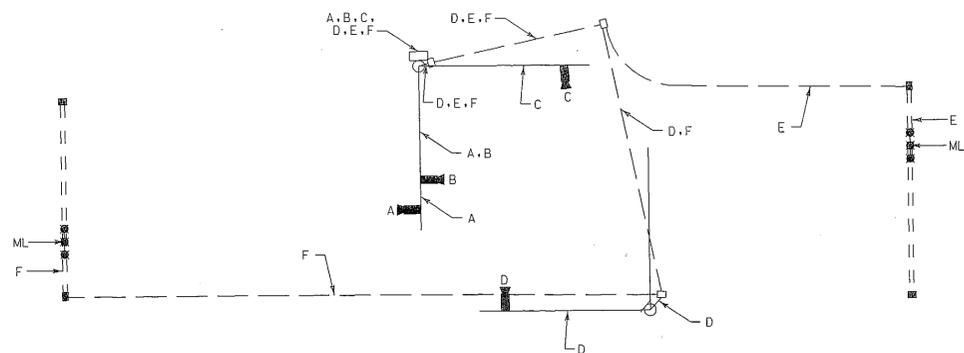
MR. ROBERT SYNDER  
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ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
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MR. RICHARD L. DAFF, SR.  
CHIEF, TRAFFIC OPERATIONS DIVISION  
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MR. MICHAEL PASQUARIELLO  
DISTRICT UTILITY ENGINEER  
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**MD 30 (HANOVER PIKE) AT MD 91 (EMORY ROAD)**



**WIRING KEY**

- A } VIDEO CAMERA DETECTION
  - B } LEAD-IN CABLE
  - C }
  - D }
  - E } MICROLOOP PROBE LEAD-IN
  - F }
- ML - MICROLOOP PROBE SET

TOD NO: XX338-14  
SHA NO: BA368A52/CS2  
MD 30 @ MD 91



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 30 (HANOVER PIKE) AT MD 91 (EMORY ROAD)  
BALTIMORE, MARYLAND

**GENERAL INFORMATION SHEET**

SCALE NONE ADVISED DATE 12/14/2010 CONTRACT NO. XX3385185

DESIGNED BY L.WAESCHE COUNTY Baltimore  
DRAWN BY L.WAESCHE LOGMILE  
CHECKED BY N.LEARY TMS NO. K488  
F.A.P. NO. TOD NO.

TS NO. DRAWING TSP-02 OF 2 SHEET NO. 02 OF 2



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