

**PROJECT DESCRIPTION**

**I. GENERAL**

THIS PORTION OF THE PROJECT INVOLVES THE REPLACEMENT OF THE EXISTING NB & SB PASSAGE DETECTION FOR MD 45 (YORK ROAD) AT THE INTERSECTION OF MD 45 (YORK ROAD) AND CROSS CAMPUS DRIVE/TERRACE DALE DRIVE.  
THIS PROJECT IS LOCATED IN BALTIMORE COUNTY, MARYLAND. MD 45 (YORK ROAD) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

**INTERSECTION OPERATION**

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

**EQUIPMENT LIST**

**A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION**

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
900000	VIDEO DETECTION INTERFACE EQUIPMENT 1-4 CAMERAS	EA	1

**B. EQUIPMENT TO BE FURNISHED BY THE CONTRACTOR**

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
585621	12 IN WH PERM PREF THERMO PAVEMENT MARKINGS (CROSSWALK)	LF	527
585625	24 IN WH PERM PREF THERMO PAVEMENT MARKINGS (STOP LINE)	LF	116
802145	ADJUST HANDHOLE TO GRADE	EA	3
801106	WOOD SIGN SUPPORTS 4 X 6	LF	36
805160	1 IN LIQUID-TIGHT FLEX NON-METALLIC CONDUIT	LF	40
810555	MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE	EA	4
816001	VIDEO DETECTION CAMERA	EA	2
816005	CONTROL CABLE, 250 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	2
862102	SAW CUT FOR SIGNAL (LOOP DETECTOR)	LF	80
811001	ELECTRICAL HANDHOLE	EA	2
805140	3 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED	LF	223

**C. EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION. 7491 CONNELLEY DRIVE, HANOVER, MD 21076**

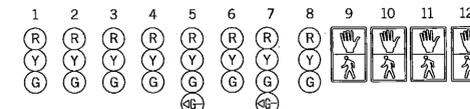
ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR.

**PROJECT CONTACTS**

THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

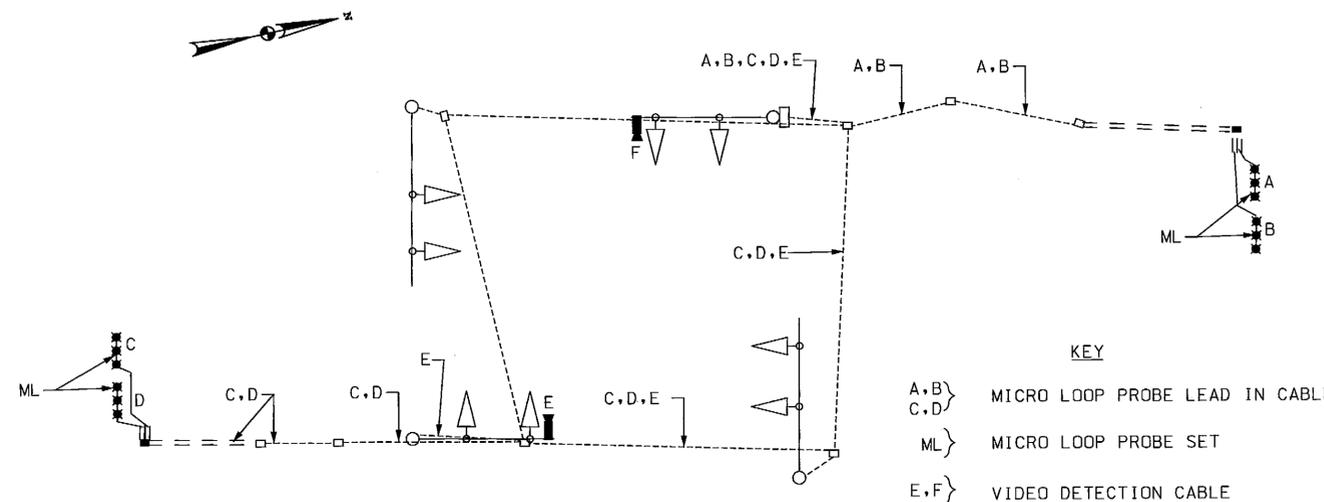
MS. ERIN KUHN ASSISTANT DISTRICT ENGINEER, TRAFFIC 410-229-2381	MR. MICHAEL PASQUARIELLO DISTRICT UTILITY ENGINEER 410-229-2341
MR. DONALD SCHAFFER ASSISTANT DISTRICT ENGINEER, CONSTRUCTION 410-229-2421	MR. RICHARD DAFF SR. CHIEF, TRAFFIC OPERATIONS DIVISION 410-787-7630
MR. ANDRE FUTRELL ASSISTANT DISTRICT ENGINEER, MAINTENANCE 410-229-2361	MR. EDWARD RODENHIZER SUPERVISOR, SIGNAL OPERATIONS 410-787-7652
MR. ROBERT SNYDER ASSISTANT CHIEF, TRAFFIC OPERATIONS DIVISION 410-787-7631	

**PHASE CHART**



PHASE	1	2	3	4	5	6	7	8	9	10	11	12
PHASE 2 AND 6	G	G	G	G	R	R	R	R	WK	WK	DW	DW
PED CLEARANCE	G	G	G	G	R	R	R	R	FL/DW	FL/DW	DW	DW
2 AND 6 CHANGE	Y	Y	Y	Y	R	R	R	R	DW	DW	DW	DW
PHASE 3	R	R	R	R	←G	G	R	R	DW	DW	DW	DW
3 CHANGE	R	R	R	R	←G	G	R	R	DW	DW	DW	DW
PHASE 4	R	R	R	R	R	R	R	←G	G	DW	DW	DW
4 CHANGE	R	R	R	R	R	R	R	←G	G	DW	DW	DW
PHASE 4 ALT	R	R	R	R	R	R	R	←G	G	DW	DW	WK
PED CLEARANCE	R	R	R	R	R	R	R	←G	G	DW	DW	FL/DW
4 ALT CHANGE	R	R	R	R	R	R	R	←G	G	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK

**WIRING DIAGRAM**



**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 45 (YORK RD)  
AT CROSS CAMPUS DR  
TOWSON, MARYLAND

**GENERAL INFORMATION PLAN**

SCALE	NONE	DATE	10/2011	CONTRACT NO.	BA5735177
DESIGNED BY	K.J.S.	COUNTY	BALTIMORE		
DRAWN BY	L.C.Y.	LOGMILE	03045001.29		
CHECKED BY	T.A.R.	T.I.M.S. NO.	K726		
F.A.P. NO.	SEE TITLE SHEET	TOD NO.			

PREPARED BY  
**URS**  
HUNT VALLEY, MARYLAND

TS NO. 3907B DRAWING NO. SG - 3 OF 6 SHEET NO. 32 OF 35