

**PROJECT DESCRIPTION**

**GENERAL**

THIS PORTION OF THE PROJECT INVOLVES THE INSTALLATION OF NON-INVASIVE PROBES ALONG THE NORTHBOUND AND SOUTHBOUND MD 213 APPROACHES TO US 50. THE INTERSECTION OF US 50 AND MD 213 IS LOCATED IN QUEEN ANNE'S COUNTY, MARYLAND. US 50 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

**INTERSECTION OPERATION**

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

**PROJECT CONTACTS**

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. JEFFREY WENTZ  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
PHONE: (410) 810-3240

MR. BARRY CLOTHIER  
DISTRICT UTILITY ENGINEER  
PHONE: (410) 810-3275

MR. MIKE LEWIS  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
PHONE: (410) 810-3250

CHIEF, TRAFFIC OPERATIONS DIVISION  
PHONE: (410) 787-7630

**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-104.02-01 (SHOULDER WORK MD 213)    STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE)  
STANDARD NO. MD-104.04-01 (SHOULDER WORK US 50)    STANDARD NO. MD-104.06-11 (MOBILE SERVICE WORK)  
STANDARD NO. MD-104.04-03 (LEFT LANE CLOSURE)

**PHASE CHARTS**

THE EXISTING PHASING WILL REMAIN THE SAME.

**EQUIPMENT LIST "A"**

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
9571	42 S.F.	SHEET ALUMINUM SIGNS TO CONSIST OF :
	- 1 EACH	R3-5(L) (30 IN. x 36 IN.) - SPAN WIRE MOUNT
	- 1 EACH	M1-5(6) "SOUTH, MD 213, RIGHT ARROW" (30 IN. x 48 IN.) - POLE MOUNT
	- 1 EACH	M1-5(6) "NORTH, MD 213, LEFT ARROW" (48 IN. x 72 IN.) - POLE MOUNT

**EQUIPMENT LIST "C"**

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

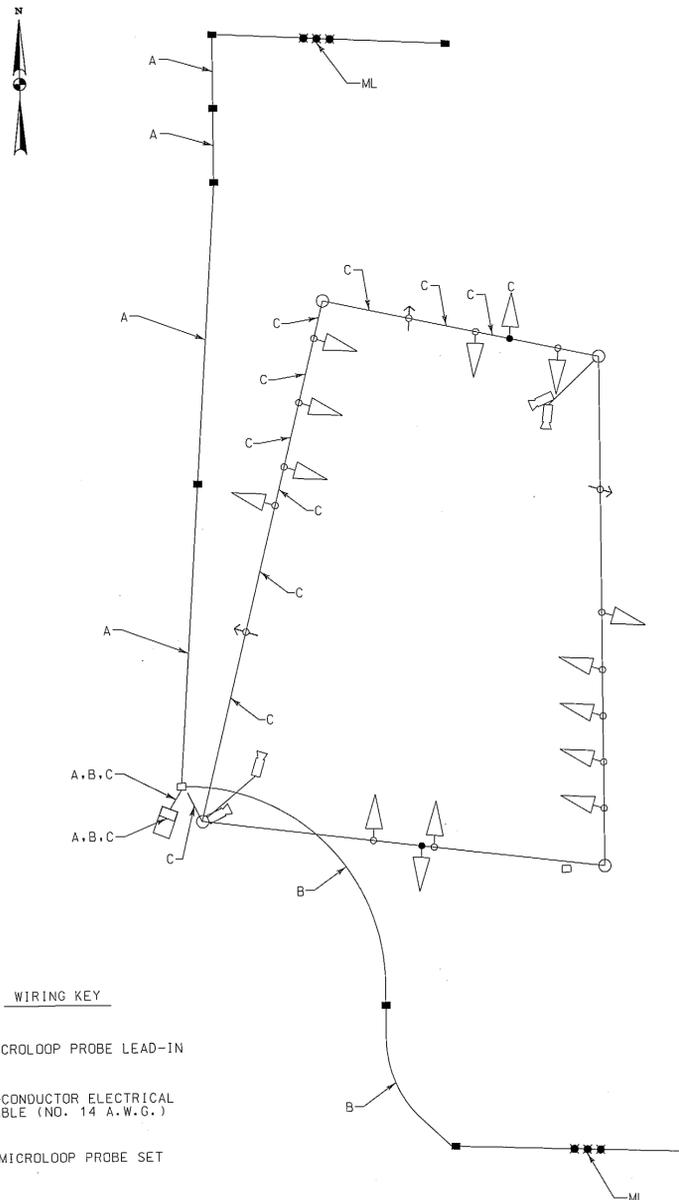
ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR

**EQUIPMENT LIST "B"**

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

CATEGORY CODE NO.	QUANTITY	DESCRIPTION
805115	120 L.F.	3 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED
805118	165 L.F.	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED
805135	670 L.F.	3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
810605	2 EACH	NONINVASIVE DETECTOR, 1000 FOOT LEAD IN CABLE
811001	8 EACH	FURNISH AND INSTALL ELECTRICAL HANDHOLE
813015	50 S.F.	INSTALL OVERHEAD SIGN
860265	2 EACH	RELOCATE EXISTING SIGNAL HEAD
861108	250 L.F.	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
800000	1 LS	REMOVE AND DISPOSE EXISTING MATERIAL AND EQUIPMENT

**WIRING DIAGRAM**



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
US 50 AT MD 213  
INTERSECTION IMPROVEMENTS

**GENERAL INFORMATION SHEET**

REVISIONS	SCALE	DATE	CONTRACT NO.
ADDENDUM NO. 1 SHEET REPLACED - MARKING REVISIONS 8/ /2012	NONE	JULY 2012	QA2065130
DESIGNED BY J. RASMUSSEN	COUNTY	QUEEN ANNE'S	
DRAWN BY J. RASMUSSEN	LOGMILE		
CHECKED BY N. LEARY	TIMS NO.	1116	
F.A.P. NO. SEE TITLE SHEET	TOD NO.		
TS NO. 141.P	DRAWING TSP-2	OF 2	SHEET NO. OF

**WR&A**  
WHITMAN, REQUARDT & ASSOCIATES, LLP  
801 South Caroline Street, Baltimore, Maryland 21231

BY: jrasmussen