

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES RECONSTRUCTION OF THE EXISTING INTERSECTION CONTROL BEACON AT THE INTERSECTION OF MD 313(GREENSBORO ROAD) AND MD 317 (BURRSVILLE ROAD)/ ADAMS LANDING ROAD IN CAROLINE COUNTY.

MD 313 (GREENSBORO ROAD) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE PROPOSED INTERSECTION CONTROL BEACON SHALL HAVE A BASE-MOUNTED CABINET AND CONTROLLER WITH ALL THE NECESSARY EQUIPMENT FOR FUTURE UPGRADE TO FULL TRAFFIC SIGNAL AT THE INTERSECTION.

PROJECT CONTACTS:

1. THE FOLLOWING ARE THE CONTACT PERSONS FOR THIS PROJECT:

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

MR. WM NORRIS EMBERT, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION  
PHONE: (410) 810-3270

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

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

MR. RICHARD DAFF, SR., CHIEF - TRAFFIC OPERATIONS DIVISION  
PHONE: (410) 787-7630

MR. EDWARD RODENHIZER, CHIEF - SIGNAL SHOP  
PHONE: (410) 787- 7652

MR. SONNY BAILEY, CHIEF - SIGN SHOP  
PHONE: (410) 787- 7676

THE POWER COMPANY REPRESENTATIVE:

DELMARVA POWER  
630 MARTIN LUTHER KING  
WILMINGTON, DE 19801  
(800) 375-7117

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE STANDARD PLATES FOR TRAFFIC CONTROL FROM SECTION MD 104.00 OF THE SHA BOOK OF STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES.

EQUIPMENT LIST 'A'

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

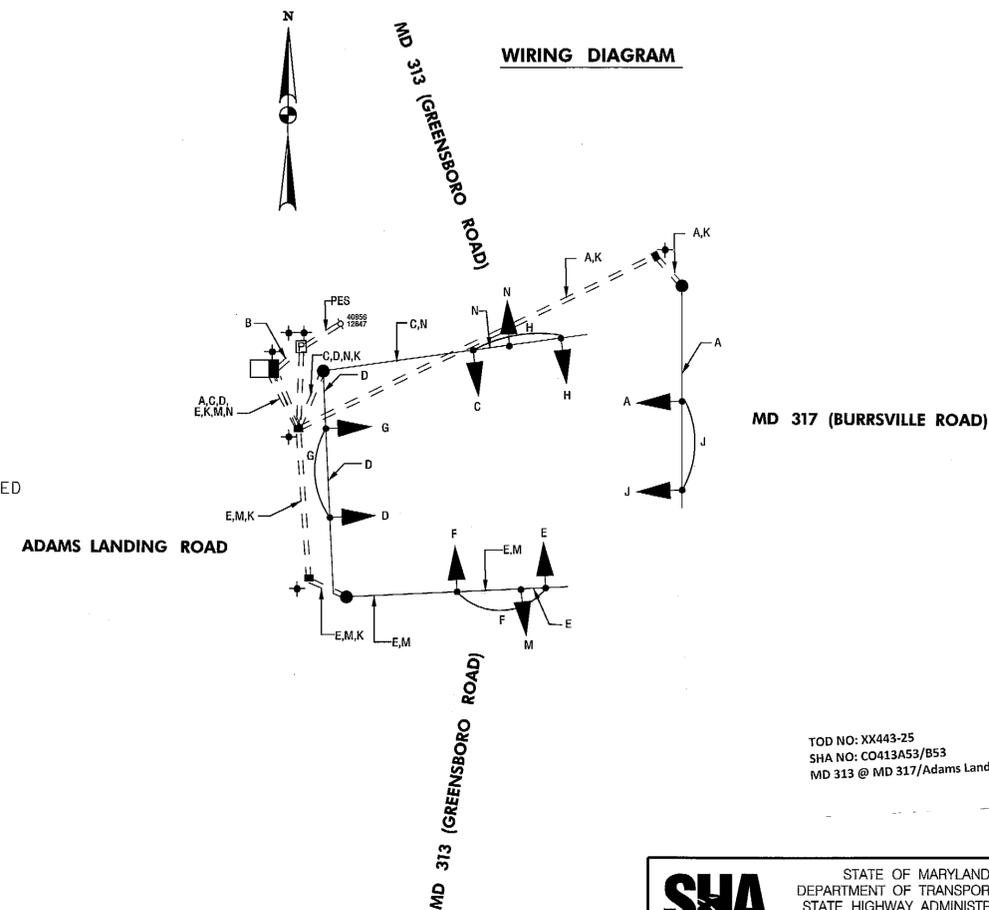
CATEGORY CODE NO.	QUANTITY	DESCRIPTION
900000	1 EA	LOCAL CONTROLLER AND CABINET SIZE 6 W/ ALL NECESSARY EQUIPMENT HOUSED IN A BASE MOUNTED CABINET
900000	38 SF	FLAT SHEET ALUMINUM SIGNS CONSISTING OF:
	1 EA	D-3(1) (16"X VAR.) BACK-TO-BACK LEFT ARROW, "Burrsville RD", LEFT ARROW, "Adams Landing RD"
	1 EA	D-3(1) (16"X VAR.) BACK-TO-BACK "Adams Landing RD", RIGHT ARROW, "Burrsville RD", RIGHT ARROW
	2 EA	D-3(1) (16"X VAR.) BACK-TO-BACK "Greensboro RD", "Greensboro RD"
	104 SF	SHIELD ASSEMBLY SIGNS:
	1 EA	M1-5(6) "NORTH, MD 313, LEFT ARROW" (48"x72") POLE-MOUNTED
	1 EA	M1-5(6) "EAST, MD 317, LEFT ARROW" (48"x72") GROUND-MOUNTED
	1 EA	M1-5(6) "SOUTH, MD 313, LEFT ARROW" (48"x72") POLE-MOUNTED
	1 EA	M1-5(6) "NORTH, MD 313, RIGHT ARROW" (30"x51") POLE-MOUNTED
	1 EA	M1-5(6) "EAST, MD 317, RIGHT ARROW" (30"x51") GROUND-MOUNTED
	1 EA	M1-5(6) "SOUTH, MD 313, RIGHT ARROW" (30"x51") POLE-MOUNTED

EQUIPMENT LIST 'B'

ITEM NO.	QUANTITY	DESCRIPTION
1003	1 EA	MAINTENANCE OF TRAFFIC
2002	2 CY	TEST PIT EXCAVATION
8018	2 EA	MAST ARM POLE & 50' ARM ANY "T" DIM.
8021	1 EA	REMOVE & DISPOSE MATERIAL & EQUIPMENT PER JOB
8022	1 EA	TWIN MAST ARM POLE & 50'/60' ARMS ANY "T" DIM.
8032	90 LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4" - BORED
8034	120 LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4" - TRENCHED
8035	35 LF	WOOD SIGN SUPPORTS UP TO 4 X 6
8036	142 SF	INSTALL OVERHEAD OR GROUND-MOUNTED SIGNS INCLUDING HARDWARE
8038	210 LF	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8041	1 LF	METERED SERVICE PEDESTAL EMBEDDED (100 OR 200 AMP)
8044	60 LF	ELECTRICAL CABLE 1-CONDUCTOR NO. 8 AWG - THHN/THWN
8045	3 EA	FURNISH & INSTALL ELECTRICAL HANDHOLE
8050	10 EA	12" LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8056	100 LF	ELECTRICAL CABLE 5-CONDUCTOR NO. 14 AWG
8057	820 LF	ELECTRICAL CABLE 7- CONDUCTOR NO. 14 AWG
8065	1 EA	INSTALL CONTROLLER AND CABINET, BASE-MOUNTED

EQUIPMENT LIST 'C'

C. SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINET. THE CABINET AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.



TOD NO: XX443-25  
SHA NO: CO413A53/B53  
MD 313 @ MD 317/Adams Landing Rd

WIRING KEY

A,C,D,E, M,N	- 7 CONDUCTOR NO. 14 AWG ELEC. CABLE
F,G,H,J	- 5 CONDUCTOR NO. 14 AWG ELEC. CABLE (JUMPER)
K	- NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
B	- 1 CONDUCTOR NO. 8 AWG THHN/THWN ELEC. CABLE
PES	- PROPOSED ELECTRICAL SERVICE
+	- GROUND ROD (3/4" DIA. x 10' LENGTH)

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 313 (GREENSBORO ROAD) AT  
MD 317 (BURRSVILLE ROAD)/ADAMS LANDING ROAD  
DENTON, MD

**GENERAL INFORMATION SHEET**

SCALE 1" = 20' ADVERTISED DATE MARCH 2011 CONTRACT NO. XX4435185

DESIGNED BY ENB COUNTY CAROLINE  
DRAWN BY JKB LOGMILE 05031320.20  
CHECKED BY MFVNR JPH 3/22/11 TMS NO. K810  
F.A.P. NO. TOD NO.

TS NO. 65D-GI DRAWING SG - 2 OF 2 SHEET NO. 2 OF 2

**III CENTURY**  
ENGINEERING  
CONSULTING ENGINEERS - PLANNERS  
10710 GILROY ROAD  
HUNT VALLEY, MD 21031

Revision 'D' CEI # 101195.31