

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF INTERSECTION LIGHTING TO THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 665 AND RIVA ROAD IN ANNE ARUNDEL COUNTY, MARYLAND. MD 665 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

CONTROLLER REQUIREMENTS

THE EXISTING BASE CABINET AND CONTROLLER WILL BE USED.

EQUIPMENT LIST "A"

NO EQUIPMENT TO BE SUPPLIED BY THE SHA

EQUIPMENT LIST "B"

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
2001	1 C.Y.	TEST PIT EXCAVATION
6001	110 S.F.	5 INCH CONCRETE SIDEWALK
8001	5 C.Y.	CONCRETE FOR TRAFFIC CONTROL DEVICES
8002	2 EACH	3 INCH CONDUIT BEND IN EXISTING FOUNDATION
8008	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT
8014	740 L.F.	NO. 6. AWG STRANDED BARE COPPER GROUND WIRE
8018	10 L.F.	2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8019	110 L.F.	3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8026	2 EACH	40 FOOT LIGHT STRUCTURE - 15 FOOT BRACKET ARM
8030	4 EACH	250 WATT HIGH PRESSURE SODIUM LAMP AND LUMINAIRE
8034	1720 L.F.	CABLE - 1 CONDUCTOR, NO. 6 AWG, TYPE USE 600V
8037	2 EACH	CONNECTOR KIT - TYPE II
8039	6 EACH	CONNECTOR KIT - TYPE IV
8040	2 EACH	GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGTH
8045	2 EACH	15 FOOT LIGHTING ARM ON SIGNAL STRUCTURE
NEG.	125 S.F.	REMOVE AND RESET DECORATIVE CONCRETE PAVERS

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-104.04-01 (SHOULDER WORK)
- STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE)

EQUIPMENT LIST "C"

NO EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

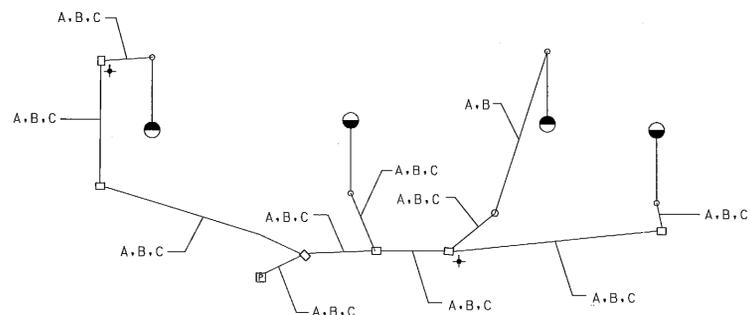
MS. KIMBERLY TRAN
ASSISTANT DISTRICT ENGINEER - TRAFFIC
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MR. MIKE HUBER
DISTRICT UTILITY ENGINEER
PHONE: (301) 624-8115

MR. JOHN S. MAYS
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
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MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

WIRING DIAGRAM



WIRING KEY

- A } CABLE - 1 CONDUCTOR, NO. 6 AWG, TYPE USE
- B }
- C } STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- + - 3/4 IN. X 10 FT. GROUND ROD

PHASE CHART

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

TOD NO:XX415-03
SHA NO:AA267A55/B55
MD 665 @ RIVA RD

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 665 at Riva Road
Annapolis, MD

GENERAL INFORMATION SHEET

SCALE	NONE	ADVERTISED DATE	8/28/2009	CONTRACT NO.	XX4155185
DESIGNED BY	B. Donoway	COUNTY	Anne Arundel		
DRAWN BY	B. Donoway	LOGMILE	02066500.93		
CHECKED BY	N. Leary	TIMS NO.	J882		
F.A.P. NO.	SEE TITLE SHEET	TOD NO.			
TS NO.	2249-D	DRAWING	TSP-2	OF 2	SHEET NO. 2 OF 2

WR&A
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