

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF HAZARD IDENTIFICATION BEACONS AT THE INTERSECTION OF MD 702 (SOUTHEAST BLVD.) AND HYDE PARK ROAD IN BALTIMORE COUNTY, MARYLAND. MD 702 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE HAZARD IDENTIFICATION BEACONS WILL OPERATE IN A FLASHING MODE.

CONTROLLER REQUIREMENTS

INSTALL TWO-CIRCUIT FLASHER UNIT WITH PHOTOCELL, DIMMER SWITCH AND INTERSECTION MONITOR WITH BATTERY BACKUP FOR PHONE DROP AND ASSOCIATED HARNESSES HOUSED IN A NEMA SIZE "5" BASE MOUNTED CABINET.

MAINTENANCE OF TRAFFIC

THE FOLLOWING MINIMUM TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.

STANDARD NO. MD-104.04-01 (SHOULDER WORK)

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. RANDALL SCOTT
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 321-2781/2785

MR. STEVE MARCISZEWSKI
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 321-2761

MS. SUENETTE POPE
DISTRICT UTILITY ENGINEER
PHONE: (410) 321-2841

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

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
9016	1 EACH	TWO CIRCUIT FLASHER UNIT WITH PHOTOCELL, DIMMER SWITCH AND INTERSECTION MONITOR WITH BATTERY BACK-UP FOR PHONE DROP HOUSED IN A NEMA SIZE "5" BASE MOUNTED CABINET.
9067	2 EACH	PEDESTAL POLE 14 FT. WITH T-BASE AND ANCHOR BOLTS
9571	42 S.F.	SHEET ALUMINUM SIGNS TO CONSIST OF : - 2 EACH W3-1a SIGN (48 IN. x 48 IN.) - PEDESTAL MOUNT - 2 EACH D-3(2) SIGN (60 IN. x 12 IN.) - PEDESTAL MOUNT

EQUIPMENT LIST "C"

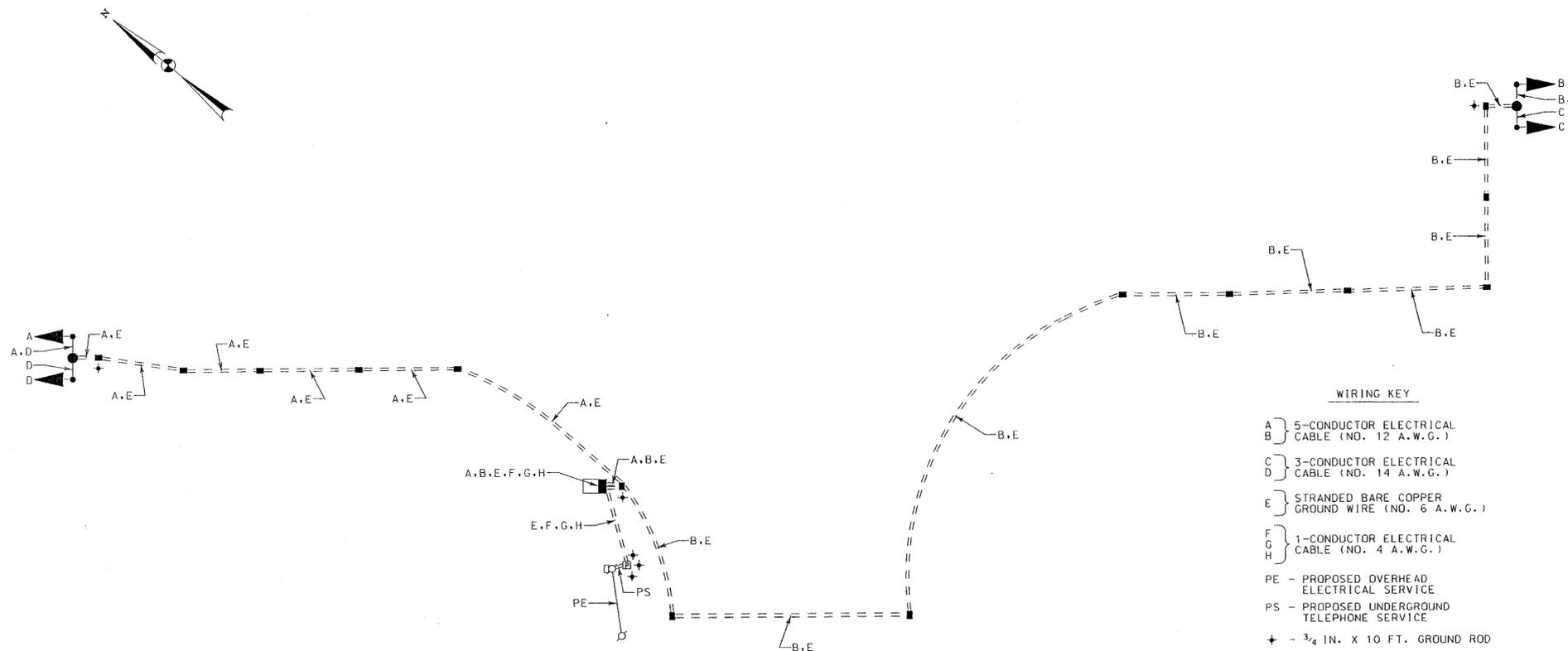
NO EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

EQUIPMENT LIST "B"

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
2002	2 C.Y.	TEST PIT EXCAVATION
5006	75 L.F.	24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
8001	2 C.Y.	CONCRETE FOR SIGNAL FOUNDATION
8023	2315 L.F.	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 12 A.W.G.)
8029	2275 L.F.	NO. 6 A.W.G. STRANDED BARE COPPER GROUND WIRE
8036	175 L.F.	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED
8037	40 L.F.	2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8038	1800 L.F.	3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8039	20 L.F.	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8044	1 EACH	METERED SERVICE PEDESTAL
8046	75 L.F.	ELECTRICAL CABLE - 1 CONDUCTOR NO. 4 A.W.G - THHN/THWN
8052	14 EACH	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8055	42 S.F.	INSTALL OVERHEAD SIGN
8073	6 EACH	GROUND ROD - 3/4 INCH DIAMETER x 10 FOOT LENGTH
8075	4 EACH	12 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8082	15 L.F.	ELECTRICAL CABLE - 3 CONDUCTOR (NO. 14 A.W.G)
8090	2 EACH	INSTALL STRAIN POLE, ANY SIZE
8094	1 EACH	INSTALL CONTROLLER AND CABINET - BASE MOUNT

WIRING DIAGRAM



SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 702 and Hyde Park Road

GENERAL INFORMATION SHEET

SCALE	NONE	DATE	05/04/2005	CONTRACT NO.	AT3575185
DESIGNED BY	S. BLOSS	COUNTY	BALTIMORE		
DRAWN BY	S. BLOSS	LOGMILE			
CHECKED BY	N. LEARY	T. I. M. S. NO.			
F. A. P. NO.		TOD NO.			
DRAWING NO.	SD02 - 2 OF 2	SHEET NO.	2 OF 2		



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