

**PROJECT DESCRIPTION
GENERAL**

THIS PROJECT INVOLVES THE INSTALLATION OF A NEW INTERSECTION CONTROL BEACON AT THE INTERSECTION OF MD 32 AT KATE WAGNER ROAD IN CARROLL COUNTY. MD 32 IS CONSIDERED TO RUN IN A NORTH/SOUTH DIRECTION.

INTERSECTION OPERATION

A CONTROLLER HOUSED IN A NEMA 6 BASE MOUNTED CABINET SHALL BE INSTALLED AT THIS LOCATION. THE INTERSECTION WILL OPERATE IN A FLASH MODE.

SPECIAL NOTES

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

PROJECT CONTACTS:

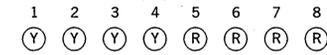
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MR. JOHN HUCHROWSKI, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
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MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630
MR. EDWARD RODENHIZER, SUPERVISOR, SIGNAL OPERATIONS
PHONE: (410) 787-7652

THE POWER COMPANY REPRESENTATIVE IS:
BALTIMORE GAS & ELECTRIC
7317 PARKWAY DRIVE SOUTH
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EQUIPMENT LIST

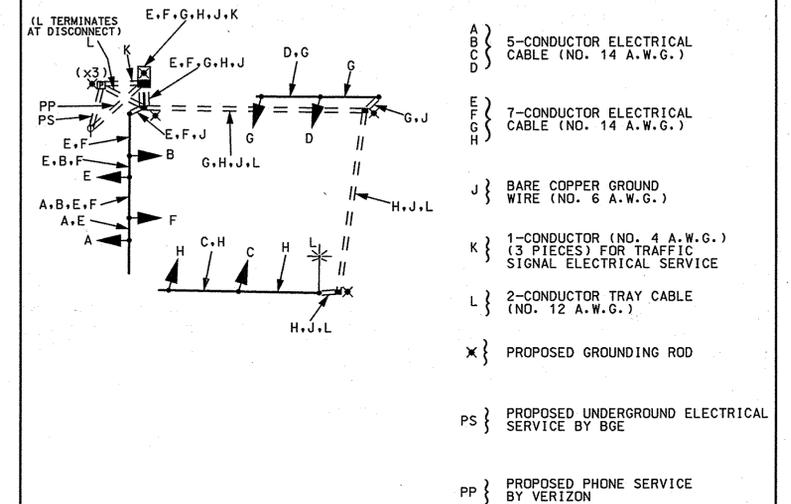
QUANTITY	UNITS	DESCRIPTION
LUMP SUM	LS	MAINTENANCE OF TRAFFIC
LUMP SUM	LS	MOBILIZATION
1	EA	16 1/2 FT. STEEL MONOCURVE MAST ARM POLE WITH 50 FT. MAST ARM
1	EA	27 FT. STEEL MAST ARM POLE WITH 38 FT. MAST ARM
1	EA	27 FT. STEEL MAST ARM POLE WITH 50 FT. MAST ARM
1	EA	STANDARD S.H.A. TRAFFIC SIGNAL BASE MOUNTED NEMA 6 CABINET AND ICB FLASHER CONTROL UNIT [Note: CONTROLLER AND CABINET SHALL BE PURCHASED FROM ECONOLITE AND DELIVERED TO THE S.H.A. SIGNAL SHOP FOR WIRING AND TESTING. CONTACT MR. ED RODENHIZER (410) 787-7650]
4	EA	12 IN. 1-SECTION (R) LED SIGNAL HEAD - MAST
4	EA	12 IN. 1-SECTION (Y) LED SIGNAL HEAD - MAST
1	EA	16 IN.X VAR. D-3(1) DUAL FACED SIGN - MAST ARM
2	EA	16 IN.X VAR. D-3(1) SIGN - MAST ARM
1	EA	30 IN. X 51 IN. SHIELD ASSEMBLY SIGN - POLE MOUNT
1	EA	48 IN. X 75 IN. SHIELD ASSEMBLY SIGN - POLE MOUNT
1	EA	30 IN. X 30 IN. R 1-1 SIGN FOR GROUND MOUNTING.
4	EA	TEST PIT EXCAVATION
3	CY	HANDHOLE
65	EA	1-CONDUCTOR CABLE (NO. 4 AWG)
210	LF	2-CONDUCTOR TRAY CABLE (NO. 12 AWG)
110	LF	5-CONDUCTOR CABLE (NO. 14 AWG)
525	LF	7-CONDUCTOR CABLE (NO. 14 AWG)
165	LF	BARE COPPER GROUND WIRE (NO. 6 AWG)
50	LF	2 IN. PVC CONDUIT [SCHEDULE 80] - TRENCHED
25	LF	3 IN. PVC CONDUIT [SCHEDULE 80] - TRENCHED
55	LF	4 IN. PVC CONDUIT [SCHEDULE 80] - TRENCHED
120	LF	4 IN. PVC CONDUIT [SCHEDULE 80] - PUSHED
10.25	LF	CONCRETE FOUNDATION FOR TRAFFIC SIGNAL EQUIPMENT
92	CY	REMOVE AND REPLACE CONCRETE FOR ISLAND
7	SF	GROUND ROD - 3/4 IN. X 10 FT. LENGTH
1	EA	CONTROL & DISTRIBUTION EQUIPMENT FOR ELECTRICAL SERVICE
1	EA	RELOCATE EXISTING GROUND MOUNTED SIGN
1	EA	CUT, CLEAN AND CAP MAST ARM POLE
1	EA	10 FT. LUMINAIRE ARM
1	EA	250 WATT HPS LUMINAIRE
1	EA	REMOVE EXISTING GROUND MOUNTED SIGN.
15	EA	4 IN. X 4 IN. WOOD SIGN SUPPORT
42	LF	REMOVE EXISTING PAVEMENT MARKING BY GRINDING
40	SF	SHEET ALUMINUM OVERHEAD MAST ARM/POLE MOUNTED SIGN

Phase Chart



FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	+	-
									+	-

Wiring Diagram



S&A STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 32 (SYKESVILLE RD) AT KATE WAGNER RD

GENERAL INFORMATION PLAN

SCALE NA DATE NOVEMBER 12, 2008 CONTRACT NO. BW996M82

DESIGNED BY J. STORCK COUNTY CARROLL

DRAWN BY J. STORCK LOGMILE 06003214.97

CHECKED BY TIMS NO. J192

F.A.P. NO. NA TOD NO.

TS NO. 4697 DRAWING **SG-01** OF 01 SHEET NO. 2 OF 2

BY: jsmith21

