

**PROJECT DESCRIPTION
GENERAL**

THIS PROJECT INVOLVES THE MODIFICATION OF A TRAFFIC SIGNAL AT THE INTERSECTION OF MD 528 (COASTAL HIGHWAY) AND 127 TH STREET IN WORCESTER COUNTY.

INTERSECTION OPERATION

A CONTROLLER HOUSED IN A BASE MOUNTED CONTROLLER CABINET IS INSTALLED AT THIS LOCATION. THE INTERSECTION OPERATES IN A FULLY ACTUATED MODE USING 6 NEMA PHASES. OVERHEAD VIDEO DETECTION CAMERAS ARE INSTALLED FOR THE PRESENCE DETECTION OF 127TH STREET AND THE ACTUATION OF LEFT TURNS FOR MD 528. APS AND CPS SHALL BE INSTALLED FOR THE NORTH AND SOUTHBOUND CROSSINGS OF MD 528. A CONCRETE SIDEWALK BUMP-OUT SHALL BE INSTALLED FOR THE NORTHEAST PEDESTRIAN CROSSING OF THE INTERSECTION. ADDITIONAL SIDEWALK SHALL BE ADDED TO THE SOUTHWEST CURBLINE OF 127TH STREET.

SPECIAL NOTES

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

PROJECT CONTACTS:

MR. ROBERT L. KIEL, ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 810-3240
MS. RAVINDRA GANVIR, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (410) 677-4020
MR. JAMES R. WRIGHT, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 677-4010
MR. BRUCE POOLE, UTILITY ENGINEER
PHONE: (410) 677-4082
MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MSHA STANDARD PLATES FOR TRAFFIC CONTROL.

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

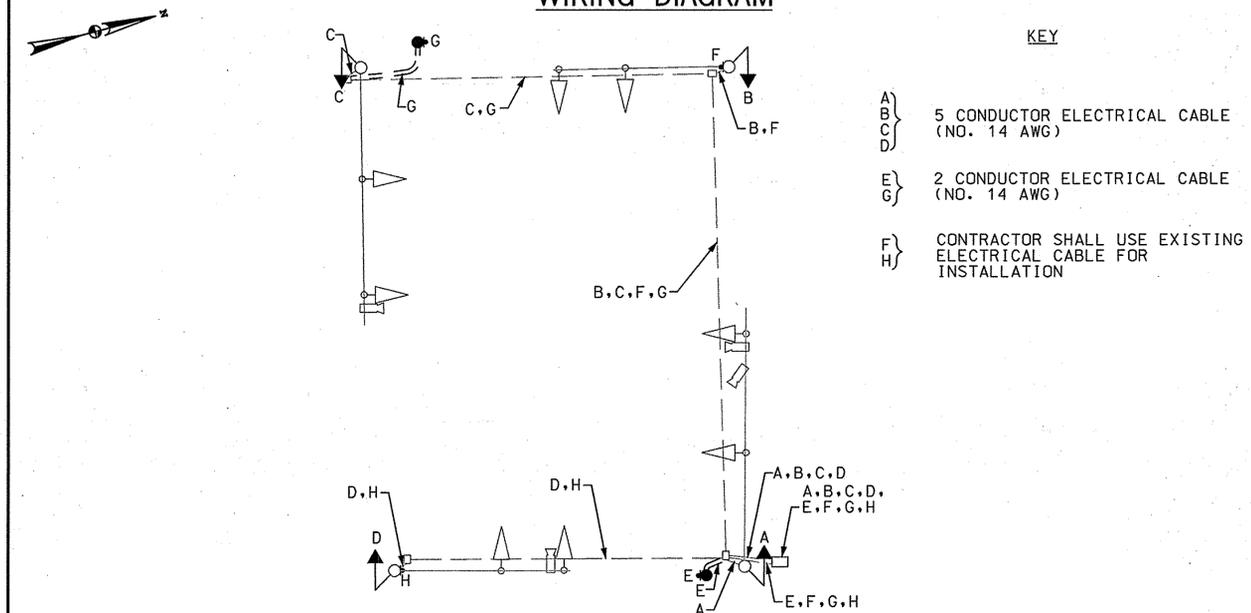
ITEM NO.	DESCRIPTION	UNITS	QUANTITY
9571	SHEET ALUMINUM MAST ARM / POLE MOUNTED SIGN R10-3(1)(9"x15")	SF EA	5 4

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

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
1001	MAINTENANCE OF TRAFFIC	EA	1
2001	CLASS 2 EXCAVATION	CY	7
2002	TEST PIT EXCAVATION	CY	1
5003	12 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKINGS	LF	465
5005	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS - ANY WIDTH	LF	290
6002	STAN. TYPE A COMBO. CURB AND GUTTER 12 IN. GUTTER PAN 8 IN. DEPTH	LF	35
6003	4 INCH CONCRETE SIDEWALK	SF	400
8003	2 WIRE CENTRAL CONTROL UNIT	EA	1
8010	AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON STATION AND SIGNS	EA	4
8011	10 FOOT PEDESTAL POLE WITH BREAKAWAY BASE	EA	2
8014	16 INCH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD	EA	4
8017	REMOVE AND DISPOSE OF EXISTING EQUIPMENT	LS	1
8026	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCHES - TRENCHED	LF	40
8027	DETECTABLE WARNING SURFACE	SF	8
8030	CONCRETE FOR SIGNAL FOUNDATION	CY	2
8046	INSTALL OVERHEAD MOUNTED SIGN	SF	2
8056	CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE	EA	2
8058	ELECTRICAL CABLE - 2 CONDUCTOR NO. 14 AWG	LF	257
8060	ELECTRICAL CABLE - 5 CONDUCTOR NO. 14 AWG	LF	588

C. ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

WIRING DIAGRAM



PHASE CHART

NO CHANGE TO
PHASE AND SEQUENCE
CHART

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

**MD 528 (COASTAL HIGHWAY) AND
127TH STREET**

OCEAN CITY, MD.

GENERAL INFORMATION

SCALE 1" = 20' DATE 06/2007 CONTRACT NO. AT9335185

DESIGNED BY S. SMITH COUNTY WORCESTER
DRAWN BY S. SMITH LOGMILE 23052801.33
CHECKED BY J. WEAVER T.I.M.S. NO.
F.A.P. NO. NA TOD NO.

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TS NO. 2246C DRAWING 2 OF 2 SHEET NO. OF