

**PROJECT DESCRIPTION
GENERAL**

THIS PROJECT INVOLVES THE MODIFICATION OF A TRAFFIC SIGNAL AT THE INTERSECTION OF MD 528 (COASTAL HIGHWAY) AND 130TH AND 131ST STREETS IN OCEAN CITY, WORCESTER COUNTY. THE MODIFICATION INVOLVES THE REMOVAL OF THE EXISTING PEDESTRIAN SIGNAL HEADS FOR CROSSING MD 528 AND THE INSTALLATION OF NEW LED COUNTDOWN PEDESTRIAN SIGNAL HEADS. THE EXISTING PEDESTRIAN SIGNAL HEADS TO CROSS THE SIDE STREETS SHALL REMAIN.

INTERSECTION OPERATION

THE EXISTING CONTROLLER HOUSED IN A BASE MOUNTED CABINET SHALL REMAIN AT THIS LOCATION. THE INTERSECTION OPERATES IN A FULLY ACTUATED MODE USING 6 NEMA PHASES.

SPECIAL NOTES

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

PROJECT CONTACTS:

MR. GENE COFIELL, ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 677-4040
MR. RAVINDRA GANVIR, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (410) 677-4020
MR. JAMES R. WRIGHT, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 677-4010
MR. BRUCE W. 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 FOLLOWING MSHA STANDARD PLATES FOR TRAFFIC CONTROL.

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

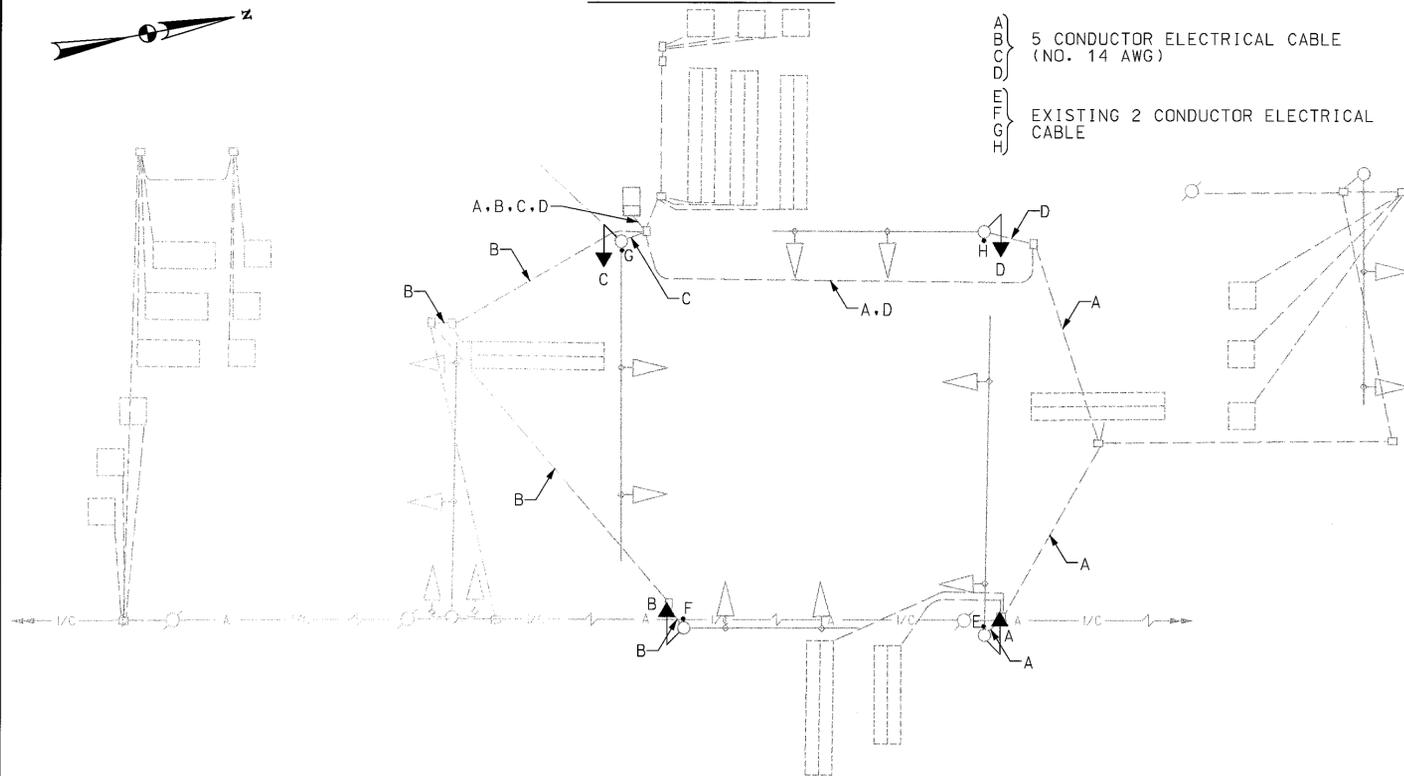
ITEM NO.	DESCRIPTION	UNITS	QUANTITY
	NONE		

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

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
1001	MAINTENANCE OF TRAFFIC	EA	1
8021	REM & DISPOSE MAT & EQUIP PER ASSIGN	EA	1
8086	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)	LF	710
8091	PUSHBUTTON AND SIGN	EA	4
8099A	12 INCH LED COUNTDOWN PED SIG HEAD	EA	4

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

WIRING DIAGRAM



PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PHASE 1 AND 5	DARK	DARK	+R/G	R	FL/Y	FL/Y	+R/G	R	R	R	FL/R	FL/R	R	R	DW	DW	DW	DW
1 AND 5 CHANGE TO 1 AND 6, 2 AND 5, OR 2 AND 6																		
PHASE 1 AND 6	DARK	DARK	+G/G	G	FL/Y	FL/Y	R	R	R	R	FL/R	FL/R	R	R	DW	DW	DW	DW
1 AND 6 CHANGE	DARK	DARK	+Y/G	G	FL/Y	FL/Y	R	R	R	R	FL/R	FL/R	R	R	DW	DW	DW	DW
PHASE 2 AND 5	DARK	DARK	R	R	FL/Y	FL/Y	+G/G	G	R	R	FL/R	FL/R	R	R	DW	DW	DW	DW
2 AND 5 CHANGE	DARK	DARK	R	R	FL/Y	FL/Y	+Y/G	G	R	R	FL/R	FL/R	R	R	DW	DW	DW	DW
PHASE 2 AND 6	DARK	DARK	G	G	FL/Y	FL/Y	G	G	R	R	FL/R	FL/R	R	R	DW	DW	DW	DW
2 AND 6 CHANGE	DARK	DARK	G	G	FL/Y	FL/Y	G	G	R	R	FL/R	FL/R	R	R	DW	DW	DW	DW
PHASE 4 AND 8	DARK	DARK	R	R	FL/Y	FL/Y	R	R	G	G	FL/R	FL/R	G	G	DW	DW	DW	DW
4 AND 8 CHANGE	DARK	DARK	R	R	FL/Y	FL/Y	R	R	G	G	FL/R	FL/R	G	G	DW	DW	DW	DW
PHASE 4 AND 8 ALT	DARK	DARK	R	R	FL/Y	FL/Y	R	R	G	G	FL/R	FL/R	G	G	WK	WK	WK	WK
PED CLEARANCE	DARK	DARK	R	R	FL/Y	FL/Y	R	R	G	G	FL/R	FL/R	G	G	FLDW	FLDW	FLDW	FLDW
4 AND 8 ALT CHANGE	DARK	DARK	R	R	FL/Y	FL/Y	R	R	Y	Y	FL/R	FL/R	Y	Y	DW	DW	DW	DW
FLASHING OPERATION	DARK	DARK	FL/Y	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK							
FIRE HOUSE PRE-EMPTION																		
FH PRE-EMPTION PHASE 3	Y	Y	Y	Y	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
PRE-EMPTION	R	R	+G/G	G	R	R	R	R	R	R	FL/Y	FL/Y	R	R	DW	DW	DW	DW
PRE-EMPTION CLEARANCE	R	R	+Y/Y	Y	R	R	R	R	R	R	Y	Y	R	R	DW	DW	DW	DW
PHASE 2 AND 6 NORMAL OPERATION	DARK	DARK	G	G	FL/Y	FL/Y	G	G	R	R	FL/R	FL/R	R	R	DW	DW	DW	DW

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 528 AT 130TH & 131ST STREETS

DATE: 11/15/04
TOD # : AT355-07
SCALE 1"=20' DATE 11/15/04 CONTRACT NO. AT3555185

DESIGNED BY J. WEAVER COUNTY WORCESTER
DRAWN BY J. WEAVER LOGMILE 23052801.12
CHECKED BY S. RENZI T.I.M.S. NO. G474
F.A.P. NO. TOD NO.

DRAWING NO. TS-1433J SHEET NO. 10 OF 10

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