

PROJECT DESCRIPTION

THIS PROJECT INVOLVES MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 528 (COASTAL HIGHWAY) AND 59TH STREET IN WORCESTER COUNTY. DETECTABLE WARNING SUFACES, L.E.D. COUNTDOWN PEDESTRIAN SIGNALS, AND APS PEDESTRIAN PUSH-BUTTONS AND SIGNS WILL BE INSTALLED AT THIS LOCATION. MD 528 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THIS INTERSECTION WILL CONTINUE TO OPERATE IN A NEMA SIX-PHASE SEMI-TRAFFIC-ACTUATED MODE WITH EXCLUSIVE-PERMISSIVE LEFT TURN PHASES FOR NORTHBOUND AND SOUTHBOUND MD 528, AND ALTERNATE PEDESTRIAN PHASES FOR CROSSING THE NORTH AND SOUTH LEGS OF THE INTERSECTION.

CONTROLLER REQUIRMENTS

THE EXISTING FULL-TRAFFIC-ACTUATED EIGHT PHASE TRAFFIC SIGNAL CONTROLLER HOUSED IN A BASE MOUNTED CABINET WILL BE USED. AN APS CENTRAL CONTROL UNIT WILL BE INSTALLED BY THE CONTRACTOR.

CONTACT PERSONS FOR DISTRICT 1 ARE AS FOLLOWS:

MR. GENE COFIELL
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 677-4040

MR. JIMMY WRIGHT
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 543-6715

MR. BRUCE POOLE
ASSISTANT DISTRICT ENGINEER - UTILITY
PHONE: (410) 677-4082

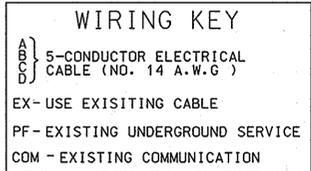
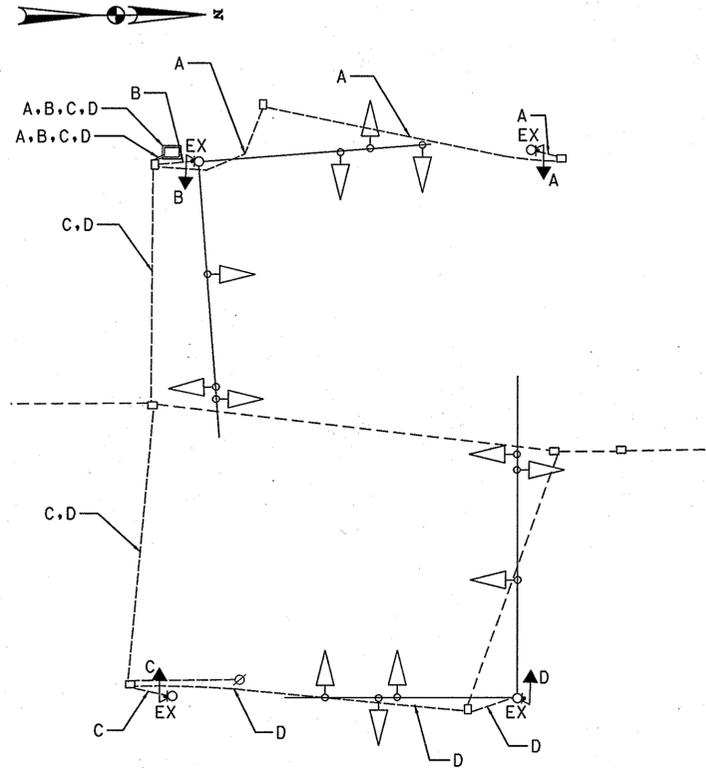
CONTACT PERSONS FOR OOTS ARE AS FOLLOWS:

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

MR. ED RODENHIZER
SIGNAL SHOP
PHONE: (410) 787-7652

MR. SONNY BAILEY
SIGN SHOP
PHONE: (410) 787-7670

WIRING DIAGRAM



EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED BY SHA

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
9571	SHEET ALUMINUM POLE MOUNT 4 - R10-4(1) (9"X12" - COASTAL HIGHWAY)	SF	3.0

EQUIPMENT LIST "B"

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

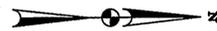
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
1001	MAINTENANCE OF TRAFFIC	EA	*
8021	REMOVE & DISPOSE MATERIAL & EQUIPMENT PER ASSIGNMENT	EA	**
8057	INSTALL OVERHEAD SIGN	SF	3
8086	F&I ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 A.W.G.)	LF	475
8099	F&I 16" LED COUNTDOWN PEDESTAL SIGNAL HEADS	EA	4
8104	F&I APS PUSHBUTTON & ASSY.	EA	4
8105	FURNISH & DELIVER APS CENTRAL CONTROL UNIT	EA	1

* - MOT QUANTITIES ARE SHOWN ON LAST GI SHEET

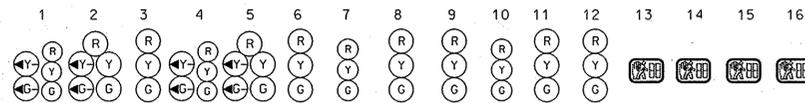
** - REMOVE & DISPOSE QUANTITIES ARE SHOWN ON THE LAST GI SHEET

EQUIPMENT LIST "C"

ALL UNUSED EQUIPMENT AND MATERIAL REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

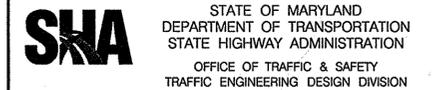


PHASE CHART



PHASE 1 & 5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
←G-/R	←G-/R	R	←G-/R	←G-/R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
CHANGES TO PHASES 1 & 6, 2 & 5 OR 2 & 6																
PHASE 1 & 6	←G-/G	←G-/G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1 & 6 CHANGE	←Y-/G	←Y-/G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 & 5	R	R	R	←G-/G	←G-/G	G	R	R	R	R	R	R	DW	DW	DW	DW
2 & 5 CHANGE	R	R	R	←Y-/G	←Y-/G	G	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 & 6	G	G	G	G	G	G	R	R	R	R	R	R	DW	DW	DW	DW
2 & 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 4 & 8	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW
4 & 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW
PHASE 4 & 8 ALT	R	R	R	R	R	R	G	G	G	G	G	G	WK	WK	WK	WK
PED CLEARANCE	R	R	R	R	R	R	G	G	G	G	G	G	FL/DW	FL/DW	FL/DW	FL/DW
4 & 8 ALT CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK

TOD No: AT355-20
SHA: WO421A58/ B58
Worcester Co.



MD 528 (COASTAL HWY.) AT 59TH STREET
OCEAN CITY, MARYLAND

GENERAL INFORMATION SHEET

SCALE 1" = 20'	DATE 01/20/06	CONTRACT NO. WO-479-001-185
DESIGNED BY TC /MRB	COUNTY WORCESTER	
DRAWN BY TC /MRB	LOGMILE 23052804.88	
CHECKED BY DAE /SMH	TMS NO. H292	
FAP NO.	TOD NO.	
TS NO. 950E-G1	DRAWING - OF	SHEET NO. 10 OF 18

RK & K
RUMMEL, KLEPPER & KAHL, LLP
CONSULTING ENGINEERS
81 MOSHER STREET
BALTIMORE, MARYLAND 21217
TELE: (410) 728-2900 FAX: (410) 383-3270