

**PROJECT DESCRIPTION
GENERAL**

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF HILLTOP CIRCLE AND HILLTOP ROAD ON THE CAMPUS OF UMBC IN BALTIMORE COUNTY.

INTERSECTION OPERATION

A SYSTEM CONTROLLER HOUSED IN A BASED MOUNTED CABINET IS INSTALLED AT THIS LOCATION. THE INTERSECTION OPERATES IN A FULLY ACTUATED MODE USING 6 NEMA PHASES. THE LEFT TURN PHASES ALONG NORTH AND SOUTH BOUND HILLTOP CIRCLE SHALL OPERATE WITH EXCLUSIVE/PERMISSIVE LEFT TURN PHASING. THE SIDE ROAD APPROACHES SHALL OPERATE AS SPLIT SIDE STREET PHASING.

SPECIAL NOTES

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

PROJECT CONTACTS:

MR. RANDALL SCOTT, ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 321-2781/2785
MR. DAVE CREIGHTON, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (410) 321-2821
MR. STEVE MARCISZEWSKI, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 321-2761
MR. MICHAEL PASQUARIELLO, - UTILITY ENGINEER
PHONE: (410) 321-2841
MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630
MR. ROBERT SNYDER, ASSISTANT DIVISION CHIEF OF TOD
PHONE: (410) 787-7631

EQUIPMENT LIST

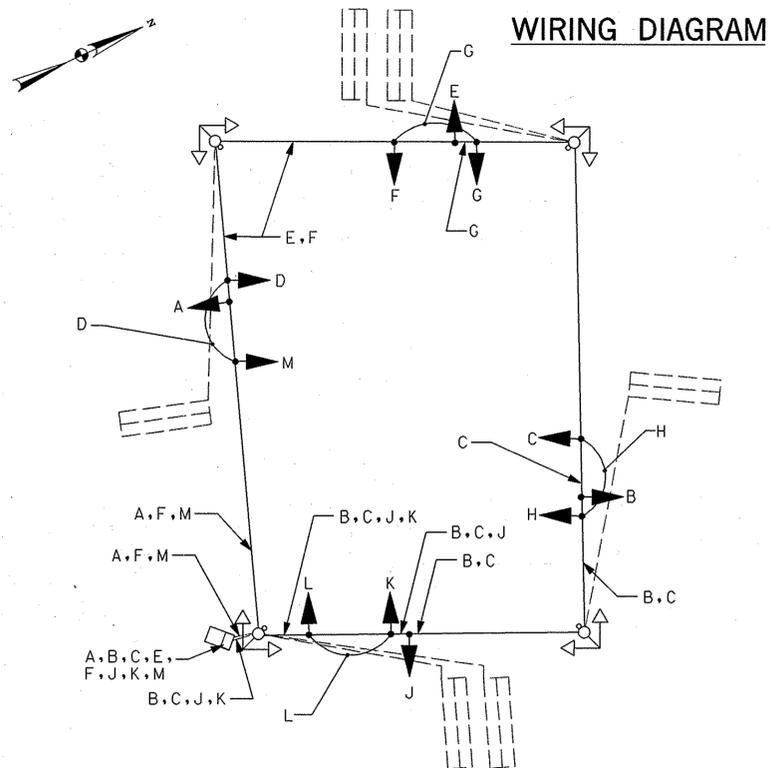
A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
9000	FLAT SHEET ALUMINUM SIGNS CONSISTING OF: R3-5(R) (30"x36") SPAN WIRE MOUNT	SF EA	15 2

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

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
1001	MAINTENANCE OF TRAFFIC	EA	1
8001	12 INCH LED SIGNAL HEAD SECTION	EA	36
8004	8 INCH LED SIGNAL HEAD SECTION	EA	12
8006	ADJUST EXISTING SPAN WIRE	EA	4
8022	REMOVE AND DISPOSE MATERIALS & EQUIPMENT PER ASSIGNMENT	EA	1
8038	INSTALL OVERHEAD SIGN	SF	49
8055	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)	LF	665
8056	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)	LF	570
NEG.	BACK GUY ANCHOR ASSEMBLY	EA	4

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



KEY

A
B
C
M } 7 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

D
E
F
H
J
K
L } 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
PHASE 1 AND 5	+G/-R	+G/-R	R	+G/-R	+G/-R	R	R	R	R	R	R	R	DW							
1 AND 5 CHANGE	+G/-R	+G/-R	R	+G/-R	+G/-R	R	R	R	R	R	R	R	DW							
PHASE 1 AND 6	+G/-G	+G/-G	G	R	R	R	R	R	R	R	R	R	WK	DW	DW	WK	DW	DW	DW	DW
PED CLEARANCE	+G/-G	+G/-G	G	R	R	R	R	R	R	R	R	R	FL/DW	DW	DW	FL/DW	DW	DW	DW	DW
1 AND 6 CHANGE	+Y/-G	+Y/-G	G	R	R	R	R	R	R	R	R	R	DW							
PHASE 2 AND 5	R	R	R	+G/-G	+G/-G	G	R	R	R	R	R	R	DW	WK	WK	DW	DW	DW	DW	DW
PED CLEARANCE	R	R	R	+G/-G	+G/-G	G	R	R	R	R	R	R	DW	FL/DW	FL/DW	DW	DW	DW	DW	DW
2 AND 5 CHANGE	R	R	R	+Y/-G	+Y/-G	G	R	R	R	R	R	R	DW							
PHASE 2 AND 6	G	G	G	G	G	G	R	R	R	R	R	R	WK	WK	WK	WK	DW	DW	DW	DW
PED CLEARANCE	G	G	G	G	G	G	R	R	R	R	R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW	DW	DW
2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW							
PHASE 3	R	R	R	R	R	R	G	G	R	R	R	R	DW							
PHASE 3 CHANGE	R	R	R	R	R	R	Y	Y	R	R	R	R	DW							
PHASE 3 ALT.	R	R	R	R	R	R	G	G	R	R	R	R	DW	DW	DW	DW	DW	WK	WK	DW
PED CLEARANCE	R	R	R	R	R	R	G	G	R	R	R	R	DW	DW	DW	DW	DW	FL/DW	FL/DW	DW
PHASE 3 ALT. CHANGE	R	R	R	R	R	R	Y	Y	R	R	R	R	DW							
PHASE 4	R	R	R	R	R	R	R	R	R	R	R	R	DW							
PHASE 4 CHANGE	R	R	R	R	R	R	R	R	R	R	R	R	DW							
PHASE 4 ALT.	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	WK	DW	DW	WK
PED CLEARANCE	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	FL/DW	DW	DW	FL/DW
PHASE 4 ALT. CHANGE	R	R	R	R	R	R	R	R	R	R	R	R	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							

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

HILLTOP CIRCLE AT HILLTOP ROAD

ARBUTUS, MARYLAND

GENERAL INFORMATION SHEET

SCALE 1"=20' DATE MARCH, 2007 CONTRACT NO. AT9125185

DESIGNED BY S. SMITH COUNTY BALTIMORE
DRAWN BY S. SMITH LOGMILE
CHECKED BY J. WEAVER TMS NO. H622
FAP NO. TOD NO.

TOD NO: AT912-09
SHA No.: BA633A56/C56
Hilltop Rd @ Hilltop Circle

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TS NO. DRAWING 2 OF 2 SHEET NO. 2 OF 2