PROJECT DESCRIPTION

GENERAL

THE PROJECT INVOLVES THE INSTALLATION OF LED SIGNAL HEADS FOR ALL APPROACHES AT THE INTERSECTION OF MD 97 (GEORGIA AVENUE) AND REEDIE DRIVE IN MONTGOMERY COUNTY.

MD 97 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL CONTINUE TO OPERATE IN A NEMA EIGHT-PHASE, FULL-TRAFFIC-ACTUATED MODE WITH EXCLUSIVE/PERMISSIVE LEFT TURN PHASING FOR ALL APPROACHES. THE CONCURRENT MAINLINE PEDESTRIAN PHASE AND ALTERNATIVE SIDE STREET PHASES WILL REMAIN.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CONTROLLER SHALL REMAIN.

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
PHASE 1 & 5	~~G~~/R	~~G~~/R	R	~~G~~/R	~~G~~/R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 1 & 5 CHANGE	THE CONTROLLER MAY SKIP TO PHASE 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	DW	DW	DW	DW
PHASE 1 CHANGE	~~Y~~/G	~~Y~~/G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	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	DW	DW	DW	DW
PHASE 5 CHANGE	R	R	R	~~Y~~/G	~~Y~~/G	G	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 2 & 6	G	G	G	G	G	G	R	R	R	R	R	R	W	W	W	W	DW	DW	DW	DW
PED. CLEARANCE / COUNTDOWN	G	G	G	G	G	G	R	R	R	R	R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW	DW	DW
PHASE 2 & 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 3 & 7	R	R	R	R	R	R	~~G~~/R	~~G~~/R	R	~~G~~/R	~~G~~/R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 3 & 7 CHANGE	THE CONTROLLER MAY SKIP TO PHASE 3 & 8, 4 & 7, OR 4 & 8																			
PHASE 3 & 8	R	R	R	R	R	R	R	R	R	~~G~~/G	~~G~~/G	G	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 3 CHANGE	R	R	R	R	R	R	R	R	R	~~Y~~/G	~~Y~~/G	G	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 4 & 7	R	R	R	R	R	R	~~G~~/G	~~G~~/G	G	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 7 CHANGE	R	R	R	R	R	R	~~Y~~/G	~~Y~~/G	G	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 4 & 8	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 4 & 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 4 & 8 ALT.	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW	W	W	W	W
PED. CLEARANCE / COUNTDOWN	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW	FL/DW	FL/DW	FL/DW	FL/DW
PHASE 4 & 8 ALT. CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW	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	DARK	DARK	DARK	DARK

THE CONTACT PERSONS FOR DISTRICT #3 ARE AS FOLLOWS:

Mr. Jeff Wentz
Assistant District Engineer - Traffic
Phone: 301-513-7358

Mr. Augie Rebish
Assistant District Engineer - Utility
Phone: 301-513-7350

Mr. Wayne Mowdy
Assistant District Engineer - Maintenance
Phone: 301-513-7304

Mr. Richard L. Daff Sr.
Chief, Traffic Operations Division
Phone: 410-787-7630

Mr. Ed Rodenhizer
SHA Signal Shop
410 787 7652

Mr. Robert Snyder
Construction Inspection
Phone: 410-787-0390

Mr. Kamal Hamud
Montgomery County Department of Public Works
Phone: 301-777-8761

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

ITEM NO	QUANTITY	DESCRIPTION
	NONE	

EQUIPMENT LIST 'B'

EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

ITEM NO	QUANTITY	DESCRIPTION
8001	40 EA	12 INCH R-Y-G LED SIGNAL HEAD
8007	12 EA	8 INCH R-Y-G LED SIGNAL HEAD
8017	1 EA	REMOVE AND DISPOSE OF EQUIPMENT

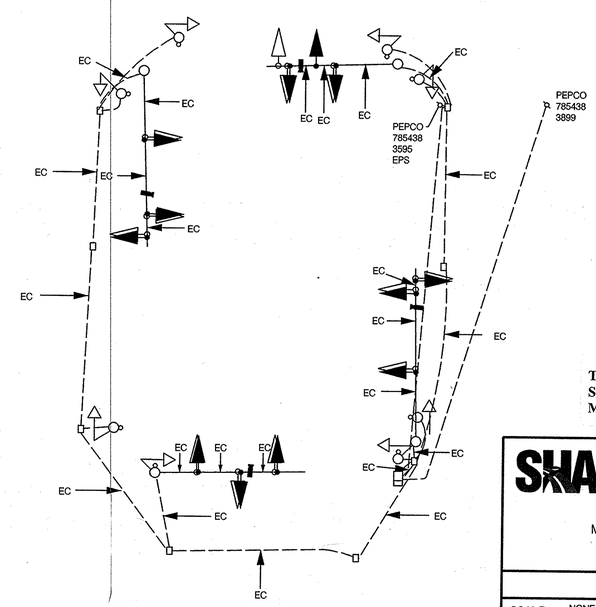
EQUIPMENT LIST 'C'

EQUIPMENT TO BE REMOVED AND RETURNED TO SHA.

ITEM NO	QUANTITY	DESCRIPTION

ALL REMOVED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR

WIRING DIAGRAM



WIRING DIAGRAM KEY

EC -EXISTING CABLE

TOD No: AT925-30
SHA No: MO281A5F/B5F
MD 97 @ Reedie Drive

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

MD 97 (GEORGIA AVENUE) AND REEDIE DRIVE

GENERAL INFORMATION

SCALE NONE DATE 9/2007 CONTRACT NO. AT9255185

DESIGNED BY HO
DRAWN BY HO
CHECKED BY DD
F.A.P. NO.

COUNTY MONTGOMERY
LOGMILE 15009703.27
T.I.M.S. NO. 1217
TOD NO.

DRAWING NO. TS-212K OF SHEET NO. 2 OF 2

PLOTTED: TUESDAY, SEPTEMBER 25, 2007 AT 7:41:26 AM
FILE: PSG-P002_REEDIE.DGN

BY: HOGALLO