MD 97 IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION

EXISTING SIGNS TO REMAIN

18,20 — LEFT TURN YIELD ON GREEN

24 — ONLY

25 — ONLY

26 — SHIELD ASSEMBLY (24"x51") SOUTH MARYLAND 97

27 — SHIELD ASSEMBLY (36"x75") NORTH MARYLAND 97

R10-4(1) 9" x 12" (INSTALLED WITH PUSHBUTTON)

R10-4C MOD (9"X 12") INSTALLED AT CROSSING WITH NO PUSHBUTTON

19,21 — Pr Phillip Drive / Hines Road

22,23 — Pr Phillip Drive / Hines Road

28 — SHIELD ASSEMBLY (24"x51") NORTH MARYLAND 97

29 — SHIELD ASSEMBLY (36"x75") SOUTH MARYLAND 97

EXISTING SIGNALS

1,2 — R Y G

3-5,7, 8,10,11 — R Y G

6,9 — R Y G

12-17 — 12"

NEMA PHASING

Ø1 Ø2 Ø4 Ø6 Ø8

Ø4 ALT

FLASHING OPERATION

PROPOSED CAMERAS

■◄ – VIDEO DETECTION CAMERA (A-D)

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

HINES ROAD

RIGHT-OF-WAY LINE

SIDEWALK

TO OLD BALTIMORE RD.

MD 97 (GEORGIA AVE.)

MEDIAN

I/C TO OLD BALTIMORE RD.

I/C TO SPARTAN RD.

DETECTION ZONE A

DETECTION ZONE B

DETECTION ZONE C

DETECTION ZONE D

PRINCE PHILLIP DRIVE

TO SOARTAN RD.

ONLY

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
4. THE INSTALLATION OF PROPOSED VIDEO DETECTION EQUIPMENT SHALL NECESSITATE THE REMOVAL OF EXISTING CABLES ASSOCIATED WITH THE PRESENCE LOOP DETECTORS BEING REPLACED BY VIDEO DETECTION.
5. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
6. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

EQUIPMENT LIST

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

ITEM NO.	DESCRIPTION	QUANTITY
8020	VIDEO DETECTION CAMERA.	4 EA
8021	PRE MANUFACTURED CAMERA TO CONTROLLER (250' LENGTH) CABLE	3 EA
8022	PRE MANUFACTURED CAMERA TO CONTROLLER (500' LENGTH) CABLE	1 EA

GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND
SD — STORM DRAIN
G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
A — AERIAL CABLES
T — TELEPHONE CABLES

VIDEO CAMERA LEGEND
→→ = VIDEO CABLE (PATH TO CONTROLLER)

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. N.W.
Glen Burnie, MD 21061
Ph (410) 590-5920
Fax (410) 590-5937

4687E.DGN

REVISIONS

© REPLACE LOOP DETECTION WITH VIDEO CAMERAS SHA NO. :M07175185					7/23/04
JA	MRC	DAZ		BRK	
B SHA No. AT2885185 INSTALL PED SIGNALS ACROSS THE SOUTH LEG OF MD 97				04/ /04	
SWA					
A REPLACE DETECTION, CONDUIT AND WIRING DUE TO WIDENING				8-9-00	
TMZ	BT	MAR	DAZ		BRK

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

SHA MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN

MD 97 (GEORGIA AVENUE) AT HINES ROAD/PRINCE PHILLIP DRIVE

DRAWN BY: S. BARANOWSKI	F.A.P. NO.	TS NO. 3074B C	SHEET NO.
CHECKED BY: R. ZACHERL	S.H.A. NO.		
SCALE: 1" = 20'	COUNTY: MONTGOMERY	T.I.M.S. NO. G581	1 OF 2
DATE: 6-26-99	LOG MILE: 15009710.24		

SHA#:M07175B5|B63 TOD #:M0717-02

FILE:F:\SHT\TGSK_BY\DWG\Y352GD01.DGN
DATE:15-Jul-04 14:53

...\4000's\4687\g581\4687e.dgn Jul. 22, 2004 14:57:28