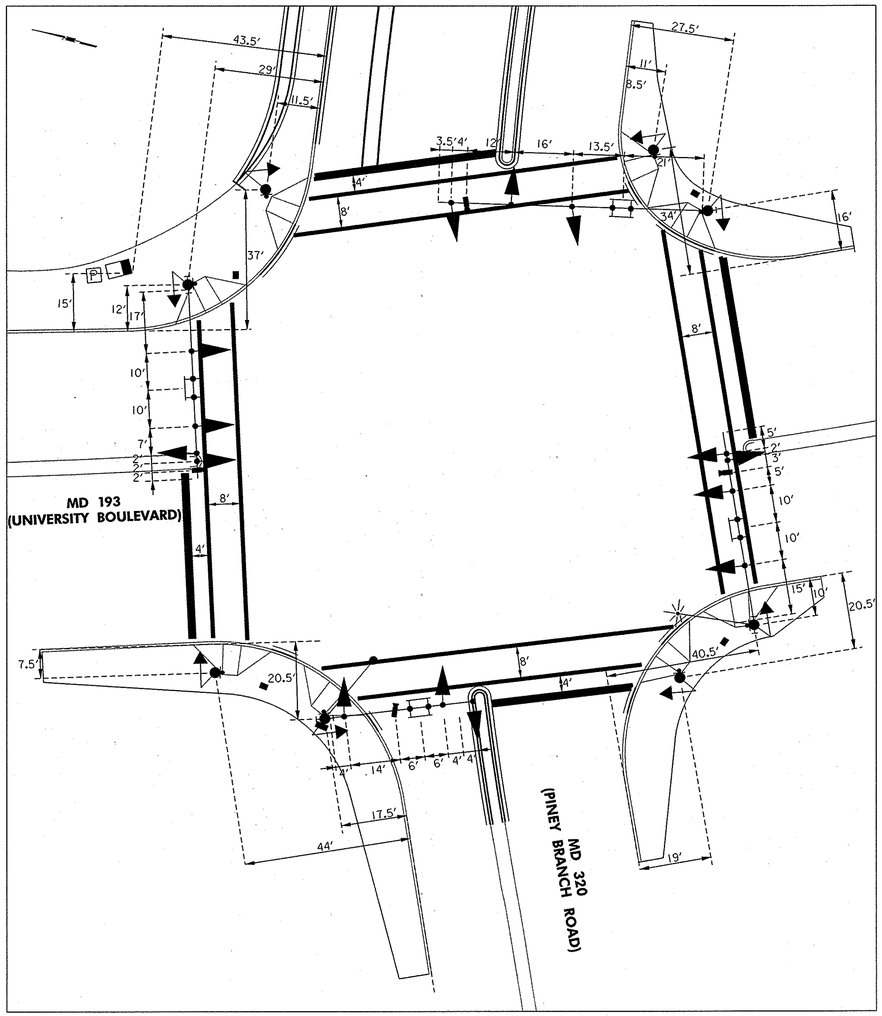
PROPOSED SIGNAL EQUIPMENT, APS DETAILS, AND MARKING LAYOUT

SCALE: 1"=20'



PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PHASE 1 & 5	~~G~~	~~G~~	R	R	~~G~~	~~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														DW	DW	DW	DW	DW	DW	DW	DW
PHASE 1 & 6	~~G~~	~~G~~	G	G	~~R~~	~~R~~	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 1 CHANGE	~~Y~~	~~Y~~	G	G	~~R~~	~~R~~	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 2 & 5	~~R~~	~~R~~	R	R	~~G~~	~~G~~	G	G	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 5 CHANGE	~~R~~	~~R~~	R	R	~~Y~~	~~Y~~	G	G	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 2 & 6	~~R~~	~~R~~	G	G	~~R~~	~~R~~	G	G	R	R	R	R	R	R	W	W	W	W	DW	DW	DW	DW
PHASE 2 & 6 PED CLEARANCE	~~R~~	~~R~~	G	G	~~R~~	~~R~~	G	G	R	R	R	R	R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW	DW	DW
PHASE 2 & 6 CHANGE	~~R~~	~~R~~	Y	Y	~~R~~	~~R~~	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 3	~~R~~	~~R~~	R	R	~~R~~	~~R~~	R	R	G / ~~G~~	G / ~~G~~	G	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 3 CHANGE	~~R~~	~~R~~	R	R	~~R~~	~~R~~	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 3 ALT.	~~R~~	~~R~~	R	R	~~R~~	~~R~~	R	R	G / ~~G~~	G / ~~G~~	G	R	R	R	DW	DW	DW	DW	DW	W	W	DW
PHASE 3 ALT. PED CLEARANCE	~~R~~	~~R~~	R	R	~~R~~	~~R~~	R	R	G / ~~G~~	G / ~~G~~	G	R	R	R	DW	DW	DW	DW	DW	FL/DW	FL/DW	DW
PHASE 3 ALT. CHANGE	~~R~~	~~R~~	R	R	~~R~~	~~R~~	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 4	~~R~~	~~R~~	R	R	~~R~~	~~R~~	R	R	R	R	R	G / ~~G~~	G / ~~G~~	G	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 4 CHANGE	~~R~~	~~R~~	R	R	~~R~~	~~R~~	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 4 ALT.	~~R~~	~~R~~	R	R	~~R~~	~~R~~	R	R	R	R	R	G / ~~G~~	G / ~~G~~	G	DW	DW	DW	DW	W	DW	DW	W
PHASE 4 ALT. PED CLEARANCE	~~R~~	~~R~~	R	R	~~R~~	~~R~~	R	R	R	R	R	G / ~~G~~	G / ~~G~~	G	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	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	FL/RA	FL/RA	FL/Y	FL/Y	FL/RA	FL/RA	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 193 (UNIVERSITY BOULEVARD) AT MD 320 (PINEY BRANCH ROAD)

GENERAL INFORMATION - 02

SCALE NONE DATE APRIL 2007 CONTRACT NO. MO3945187

DESIGNED BY SBS
DRAWN BY SBS
CHECKED BY BAB
F.A.P. NO. SEE TITLE SHEET

COUNTY MONTGOMERY
LOGMILE 15019306.15
T.I.M.S. NO. H325
TOD NO.

DRAWING NO. TS-3661E OF SHEET NO. 3 OF 3

STV Incorporated
engineers /architects /planners /construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112

BY: SHARPSB

PLOTTED: THURSDAY, APRIL 19, 2007 AT 04:37 PM
FILE: I:\PROJECTS\0312513\0312513_0004\DRAWINGS\TRA\TRAFFIC\ULTIMATE SIGNAL\PSG-P003-M193.DGN