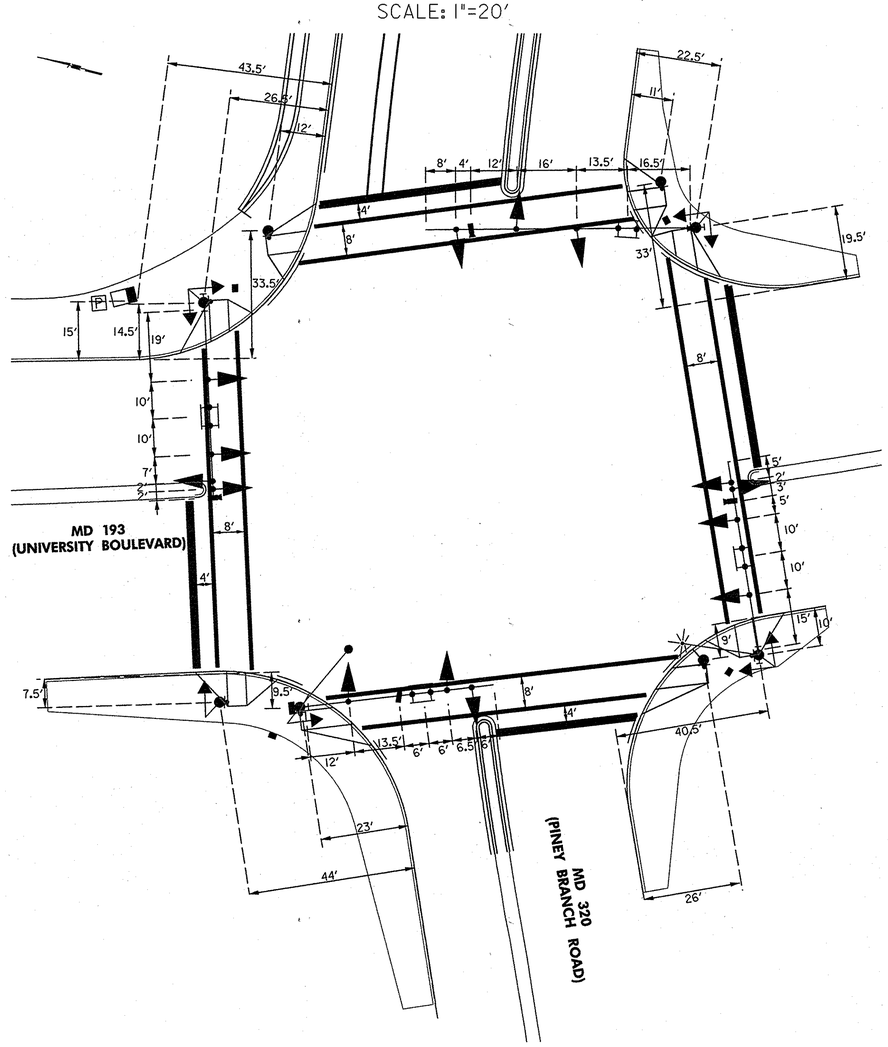
PROPOSED SIGNAL EQUIPMENT, APS DETAILS, AND MARKING LAYOUT

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 ADVERTISED DATE APRIL 2008 CONTRACT NO. MO3945187

DESIGNED BY SBS
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F.A.P. NO. SEE TITLE SHEET

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BY: sharpsb

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