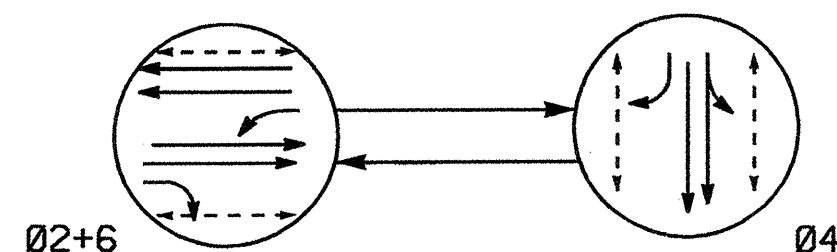


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

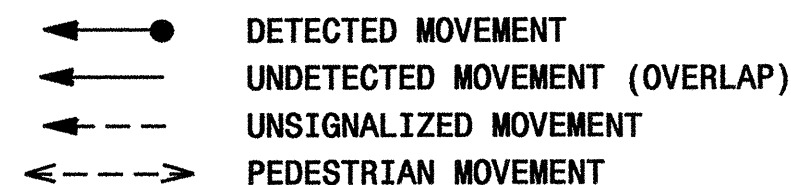


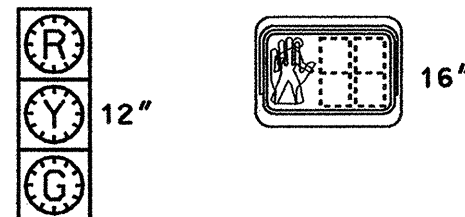
TABLE OF OPERATION

SIGNAL FACE	PHASE		
	Ø 2 + 6	Ø 4	FLASH
21,22	G	R	Y
41,42	R	G	R
61,62	G	R	Y
P21,P22	W	DW	DRK
P41,P42	DW	W	DRK
P43,P44	DW	W	DRK
P61,P62	W	DW	DRK

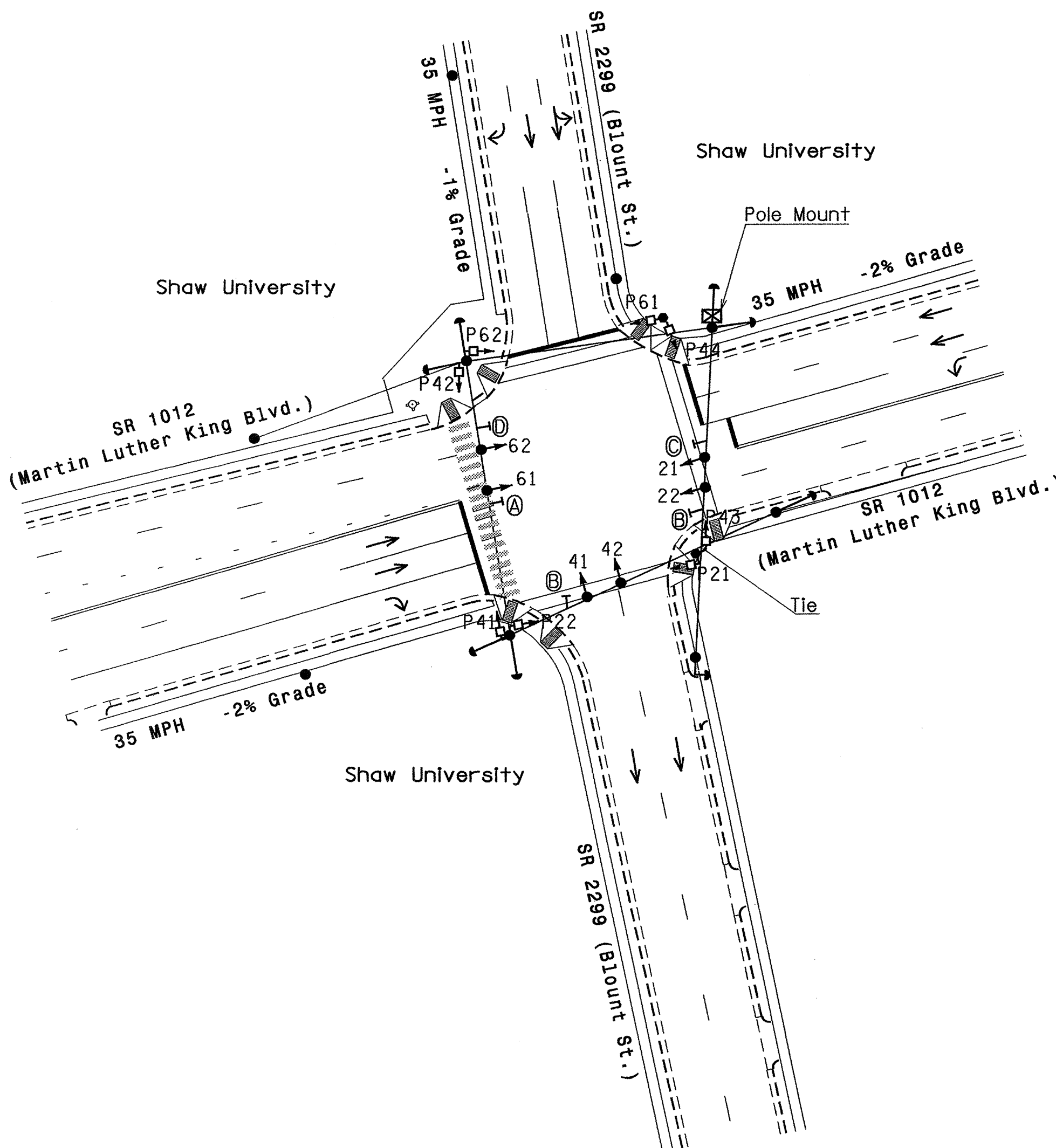
W - Walk
DW - Don't Walk
DRK - Dark

SIGNAL FACE I.D.

 Denotes L.E.D.



	P21,P22
21,22	P41,P42
61,62	P43,P44
41,42	P61,P62



SE-PAC 2070 TIMING CHART

FEATURE	PHASE		
	2	4	6
Min Green *	15	10	15
Passage Gap *	-	-	-
Maximum Green *	35	25	35
Yellow Change	4.0	3.9	4.0
Red Clear	1.8	1.9	1.8
Red Revert	-	-	-
Walk *	4	4	4
Pedestrian Clear	11	15	10
Added Initial *	-	-	-
Maximum Initial *	-	-	-
Time Before Reduction *	-	-	-
Time To Reduce *	-	-	-
Minimum Gap	-	-	-
Recall Mode	MAX/PED RECALL	MAX/PED RECALL	MAX/PED RECALL
Vehicle Call Memory	-	-	-
Dual Entry	-	-	-
Simultaneous Gao	-	-	-

* These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

2 Phase PreTimed City Signal System




NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated July 2006 and "Standard Specifications for Roads and Structures" dated July 2006.
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
4. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
5. Pavement markings are existing.
6. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

LEGEND

<u>PROPOSED</u>		<u>EXISTING</u>
	Traffic Signal Head	
	Modified Signal Head	N/A
	Sign	
	Pedestrian Signal Head	
	With Push Button & Sign	
	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
	Controller & Cabinet	
	Pull Box	
	2-in Underground Conduit	
	Right of Way with Marker	
	Directional Arrow	
	Pavement Marking Arrow	
(A)	Left Arrow "ONLY" Sign (R3-5L)	(A)
(B)	Right Arrow "ONLY" Sign (R3-5R)	(B)
(C)	No Left Turn Sign (R3-2)	(C)
(D)	No Right Turn Sign (R3-2)	(D)
	Pedestrian Signal Pedestal	

Signal Upgrade

<p>Prepared in the Offices of:</p>  <p>759 N. Greenfield Place, Greensboro, NC 27259</p>	<p>SR 1012 (Martin Luther King) At SR 2299 (Blount Street)</p>	<p>SEAL</p> 																																	
<p>Division 5 Wake County Raleigh</p>																																			
<p>PLAN DATE: September 2007 REVIEWED BY: M. Mahbooba</p>																																			
<p>PREPARED BY: K. Maldonado REVIEWED BY:</p>																																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">REVISONS</th> <th style="width: 20%;">INIT.</th> <th style="width: 20%;">DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>			REVISONS	INIT.	DATE																														
REVISONS	INIT.	DATE																																	
<p style="text-align: center;">SCALE</p> <div style="display: flex; align-items: center; justify-content: center;"> 0  40 </div> <p style="text-align: center;">1" = 40'</p>																																			
<p>SIG. INVENTORY NO. 05-1346</p>																																			