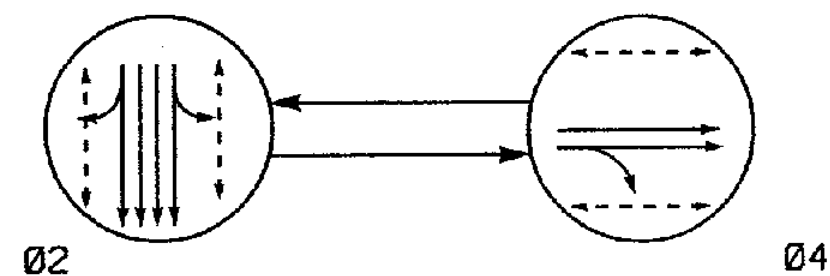


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

- DETECTED MOVEMENT
- UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT
- PEDESTRIAN MOVEMENT

SIGNAL FACE	PHASE		
	Ø 2	Ø 4	FLASH
21, 22, 23	G	R	Y
41, 42	R	G	R
P21, P22	W	DW	DRK
P23, P24	W	DW	DRK
P41, P42	DW	W	DRK
P43, P44	DW	W	DRK

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

SIGNAL FACE I.D.

Denotes L.E.D.

21, 22, 23 41, 42	P21, P22 P23, P24 P41, P42 P43, P44

SE-PAC 2070 TIMING CHART		
FEATURE	PHASE	
	2	4
Min Green 1 *	10	7
Extension 1 *	-	-
Max Green 1 *	45	30
Yellow Clearance	3.9	3.8
Red Clearance	1.4	1.3
Walk 1 *	4	4
Don't Walk 1	9	8
Seconds Per Actuation *	-	-
Max Variable Initial *	-	-
Time Before Reduction *	-	-
Time To Reduce *	-	-
Minimum Gap	-	-
Recall Mode	MAX/PED RECALL	MAX/PED RECALL
Vehicle Call Memory	N/A	N/A
Dual Entry	-	-
Simultaneous Gap	ON	ON

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

2 Phase
Pre-timed
(Raleigh City Signal System)

NOTES

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

LEGEND

PROPOSED	EXISTING
	N/A
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	

Signal Upgrade

	US 70-401-NC50 (Dawson Street) at SR 3007 (Morgan Street)	
	Division 5	Wake County Raleigh
	PLAN DATE: October 2008	REVIEWED BY: Z. M. Little
	PREPARED BY: L. Blount	REVIEWED BY:
REVISIONS	INIT.	DATE
0		
1" = 30'		