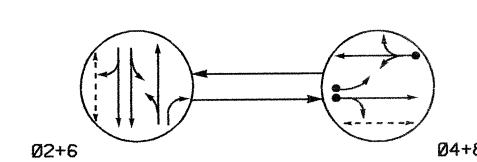
PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

4	DETECTED	MOVEMEN

UNDETECTED MOVEMENT (OVERLAP)

UNSIGNALIZED MOVEMENT

PEDESTRIAN MOVEMENT

TABLE OF 0	PER	ATI	ON	
Accompleted in the district of a contract and the Co. Colored are a class Colored Action Colored Inc.	PHASE			
SIGNAL FACE	Ø2+6	Ø4+8	FLASH	
21, 22	G	R	Υ	
41, 42	R	G	R	
61, 62	G	R	Υ	
81, 82	R	G	R	
P41, P42	DW	W	DW	
P61, P62	W	DW	DW	

SIGNAL FACE I.D. O Denotes L.E.D.

21, 22 41, 42 61, 62 81, 82

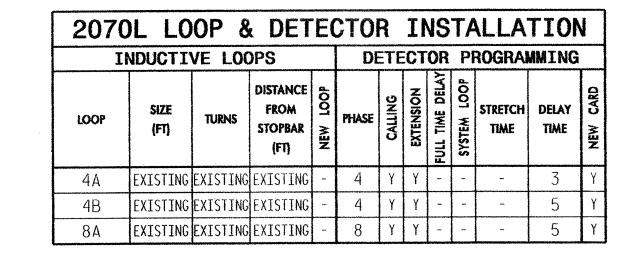
Walnut Avenue

No Posted Speed Limit +1% Grade





P41, P42 P61, P62



35 MPH +5% Grade

Walnut Avenue

_____]&A

81

82 -

Semi-Actuated Gastonia City System

2 Phase

NOTES

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2002 and "Standard Specifications for Roads and Structures" dated January 2002.
- 2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 3. Set all detector units to presence mode.
- 4. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 5. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.
- 6. Pavement markings are existing.
- 7. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- 8. City system data: Controller Asset #0097.

2070L TIMING CHART							
	PHASE						
FEATURE	2	4	6	8			
Min Green 1 *	10	7	10	7			
Extension 1 *	0.0	2.0	0.0	2.0			
Max Green 1 *	45	25	45	25			
Yellow Clearance	4.0	4.0	4.0	4.0			
Red Clearance	1.9	1.6	1.9	1.6			
Walk 1 *	-	4	4	*****			
Don't Walk 1		10	9				
Seconds Per Actuation *	409						
Max Variable Initial*	-	-					
Time Before Reduction *							
Time To Reduce *	- nor	-	-				
Minimum Gap		-		marr			
Recall Mode	MAX RECALL	***	MAX/PED RECALL	10/4			
Vehicle Call Memory	***		eres.	-			
Dual Entry	•••	ON	***	ON			
Simultaneous Gap	ON	ON	ON	ON			

* These values may be field adjusted. Do not adjust Min Green and Extension times for be lower than 4 seconds.

LEGEND **PROPOSED EXISTING ○→** Traffic Signal Head Modified Signal Head 0-> N/A Sign Pedestrian Signal Head With Push Button & Sign Signal Pole with Guy Signal Pole with Sidewalk Guy Inductive Loop Detector Controller & Cabinet Junction Box 2-in Underground Conduit Right of Way Directional Arrow Pavement Marking Arrow Metal Pole with Mastarm Pedestrian Signal Pedestal

Signal Upgrade

SR 2278 (Marietta Street) Walnut Avenue

Division 12 Gaston County January 2005 REVIEWED BY: D. F.S. ell The TS Brown REVISIONS INIT.

SIGNATURE SIG. INVENTORY NO.

SEAL