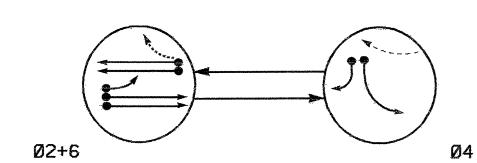
PHASING DIAGRAM



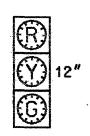
PHASING DIAGRAM DETECTION LEGEND

-	DETECTED MOVEMENT
-	UNDETECTED MOVEMENT (OVERLAP)
THE PERSON NAMED IN COLUMN	UNSIGNALIZED MOVEMENT
<>	PEDESTRIAN MOVEMENT

TABLE OF 0	PER	ATI	ON
	Р	HAS	E
SIGNAL FACE	9+N@	Ø 4	FLASH
21, 22	G	R	Υ
41, 42, 43	R	G	R
61, 62	G	R	Υ

SIGNAL FACE I.D.	#
------------------	----------

O Denotes L.E.D.



21, 22 41, 42, 43 61, 62

LOOP	SIZE (FT)	TURNS	DISTANCE FROM STOPBAR (FT)	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	SYSTEM LOOP	STRETCH TIME	DELAY TIME	NEW CARD
2A,2B,2C	EXISTING	EXISTING	EXISTING		2	Υ	Υ			· 		Y
2D	EXISTING	EXISTING	EXISTING		2	Υ	Υ		_			Υ
4A, 4B	EXISTING	EXISTING	EXISTING		4	Υ	Υ					Υ
4C	EXISTING	EXISTING	EXISTING	_	4	Υ	Υ	_			10	Υ
4D	EXISTING	EXISTING	EXISTING		4	Υ	Υ				15	Υ
6A, 6B	EXISTING	EXISTING	EXISTING		6	Υ	Υ	-	_	migramatura.		Υ

2 Phase Fully Actuated (Gastonia City System) PROJECT REFERENCE NO.

U-4736

Sig222

NOTES

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2002 and "Standard Specifications for Roads and Structures" dated January 2002.
- 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. 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.
- 7. City system data: Controller Asset 1358.

Osceola Street	35 MPH -1% Grade
35 MPH +4% Grade 40 48 41 62 21 662 21 61 22 61 42	NC 274 (Union Rd.)
43 == = = = = = = = = = = = = = = = = =	Annual insus time time time time time time time time
35 MPH O8 Grade	

2070L TIMING CHART					
	PHASE				
FEATURE	2	4	6		
Min Green 1 *	10	7	10		
Extension 1 *	3.0	1.0	3.0		
Max Green 1 *	45	25	45		
Yellow Clearance	4.0	4.0	4.0		
Red Clearance	2.7	1.8	2.7		
Walk 1 *			_		
Don't Walk 1		"Anna.	Name		
Seconds Per Actuation *	-				
Max Variable Initial *	-	_	_		
Time Before Reduction *	-				
Time To Reduce *	-	Angina			
Minimum Gap	-	_	-		
Recall Mode	MIN RECALL		MIN RECALL		
Vehicle Call Memory	YELLOW	Asset	YELLOW		
Dual Entry	-	-	-		
Simultaneous Gap	ON	ON	ON		

* 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

	LEGEND	
PROPOSED		EXISTING
○ →	Traffic Signal Head	•
•	Modified Signal Head	N/A
	Sign	
₽	Pedestrian Signal Head With Push Button & Sign	
\bigcirc	Signal Pole with Guy	•
	Signal Pole with Sidewalk Gu	у
	Inductive Loop Detector	
\boxtimes	Controller & Cabinet	[X]
	Junction Box	
	2-in Underground Conduit	to tendence to decidate an applicate on topological
N/A	Right of Way	
***************************************	Directional Arrow	→
sonant	Pavement Marking Arrow	-
N/A	"YIELD" Sign (R1-2)	A

Signal Upgrade

Prepared in the Offices of:

Divisi

Geometric

122 N. McDowell St., Raleigh, NC 27603

PREPARED

SCALE

O

50

NC 274 (Union Road) at Osceola Street

OSCEOLA Street

Division 12 Gaston County Gastonia

PLAN DATE: January 2005 REVIEWED BY:

SCALE

REVISIONS

INIT. DATE

50

SEAL

SEAU

SEAU

SEAU

SEAU

SIGNATURE

DATE

SIG. INVENTORY NO. 12-1358