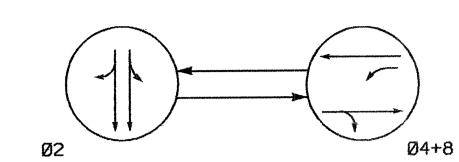
PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

4	DETECTED MO	DVEMENT	
	UNDETECTED	MOVEMENT	(OVERLAP)

✓ UNSIGNALIZED MOVEMENT

$ \leftarrow $	 ****	_>	P	EDE	STE	RIAN	I MOA	EMEN	I

21, 22	35 MPH -1% GRADE	S. Chester St.	
W. SECOND ST.			0% GRADE 35 MPH
	41 (C)	22 21 B 82 ==	
35 MPH 0% GRADE	S, Chester St.		W. SECOND ST.

TABLE OF OPERATION

SIGNAL

FACE

PHASE

2070L	TIMINO	G CHAR	The state of the s
		PHASE	MECO AND PORT OF THE PROPERTY
FEATURE	2	4	8
Min Green 1.*	10	7	7
Extension 1 *	0.0	0.0	0.0
Max Green 1 *	45	20	20
Yellow Clearance	4.0	4.0	4.0
Red Clearance	1.8	1.8	1.8
Walk 1 *	, maga	•••	
Don't Walk 1			
Seconds Per Actuation *	***	***	
Max Variable Initial *	A-a-a	***	
Time Before Reduction *	-	***	****
Time To Reduce *		***	****
Minimum Gap	, 	***	elisek.
Recall Mode	MAX RECALL	MAX RECALL	MAX RECALL
Vehicle Call Memory	- -41	mga.''	.
Dual Entry			
Simultaneous Gap	ON	ÓN	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

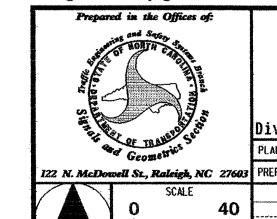
2 Phase Pre-Timed (Gastonia City System)

<u>NOTES</u>

- 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. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 4. Pavement markings are existing.
- 5. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- 6. City system data: Controller Asset #: 0074.

	LEGEND	
PROPOSED		EXISTING
O->	Traffic Signal Head	-
0->	Modified Signal Head	N/A
	Sign	
Ţ	Pedestrian Signal Head With Push Button & Sign	•
	Signal Pole with Guy	(
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
\bowtie	Controller & Cabinet	[X]
	Junction Box	
	2-in Underground Conduit	
N/A	Right of Way	
	Directional Arrow	\longrightarrow
. Econological	Pavement Marking Arrow	****
$\langle A \rangle$	"One Way" Sign (R6-1)	\triangle
B	Combined Through and Left Arrow Sign (R3-6L)	lack
©	Combined Through and Right Arrow Sian (R3-6R)	©

Signal Upgrade



S. (hester	St	tr	ee	
	at				
W.	Second		ST		

	Division	12	Gaston	County	G	astonia
ľ	PLAN DATE:	Marc	h 2005	REVIEWED BY:	D.Y. I	shak 🎜
F	PREPARED BY:	L.	Blount	REVIEWED BY:		4
I		REVISION	IS		INIT.	DATE

CARO
SEAL
SEAL
SIGNATURE
DATE
INVENTORY NO. 12-0074