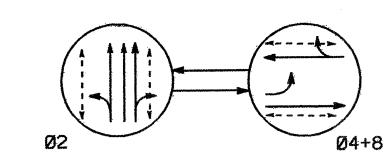
## PROJECT REFERENCE NO. SHEET NO. Sig. 97

## PHASING DIAGRAM



## PHASING DIAGRAM DETECTION LEGEND

- DETECTED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)

✓ UNSIGNALIZED MOVEMENT

← − − → PEDESTRIAN MOVEMENT

TABLE OF OPERATION			
	PHASE		
SIGNAL FACE	Ø2	Ø4 + 8	LUGGE
21, 22	G	R	Υ
4i, 42	R	G	R
81, 82	R	G	R
P2I, P22	W	DW	D.WK
P23, P24	W	DW	DWK
P4I, P42	DW	W	DWK
P8I, P82	DW	W	DWK

DW - DON'T WALK

	se fr	

10

0.0

25

4.0

1.4

4.0

4.0

MAX / PED RECALL

-

	<u> </u>			on the same of the
* These values may be fie	ld adjusted. Do	not adjust Min	Green and	Extension times for
phases 2 and 6 lower th	an what is show	n. Min Green	for all other	phases should not
ha lancarathan A ananade	•			

2070L TIMING CHART

**FEATURE** 

Min Green 1 \*

Max Green 1 \*

Red Clearance

Yellow Clearance

Seconds Per Actuation

Time Before Reduction

Time To Reduce \*

Vehicle Call Memory

Recall Mode

PHASE

0.0

4.0

35 MPH  Y = = = = = = = = = = = = = = = = = =
P82 21 22 P81 S MPH -1% Grade  P24 P22 S MPH -1% Grade  P23 P41 P42 P21 E. Main Avenue
US 321 (York Street)

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.
- 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 0086.
- 7. Modifiy pedestrian signal heads to L.E.D.'s.

	LEGEND	
<u>PROPOSED</u>		<b>EXISTING</b>
<b>○</b> →	Traffic Signal Head	• <del></del>
<b>O</b> ->	Modified Signal Head	N/A
_	Sign	
Ţ	Pedestrian Signal Head With Push Button & Sign	
<del></del>	Signal Pole with Guy	•)
S	ignal Pole with Sidewalk Guy	
	Inductive Loop Detector	
$\boxtimes$	Controller & Cabinet	K_71
	Pull Box	
***************************************	2-in Underground Conduit	
	Right of Way with Marker	
<b>→</b>	Directional Arrow	<b>→</b>
-	Pavement Marking Arrow	->
	Metal Pole with Mastarm	
	"No Turn on Red" Sign	A
	Combined Through and Left Arrow Sign (R3-6L)	₿
Thr	ough Arrow "ONLY" Sign (R3-5/	() (C)
	Combined Through and Right Arrow Sign (R3-6R)	0

Signal Upgrade

