

PHASING DIAGRAM DETECTION LEGEND

DETECTED MOVEMENT

← − − > PEDESTRIAN MOVEMENT

UNSIGNALIZED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)

PHASING DIAGRAM

TABLE OF 0	PER	ATI	ON
·	PHASE		
SIGNAL F <b>A</b> CE	ØN+6	Ø4+8	FLASH
21, 22	G	R	Υ
41, 42	R	G	R
61, 62	G	R	Υ
81, 82	R	G	R

2070L LOOP & DETECTOR INSTALLATION INDUCTIVE LOOPS   DETECTOR PROGRAMMING												
LOOP	SIZE (FT)	TURNS	DISTANCE FROM STOPBAR (FT)	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	SYSTEM LOOP	STRETCH TIME	DELAY TIME	NEW CARD
4A	EXISTING	EXISTING	EXISTING		4	Y	Υ	-	-		5	Y
8A	EXISTING	EXISTING	EXISTING	-	8	Y	Υ	-		-	5	Υ

US 29-74-NC 274 (W. Franklin Blvd.)

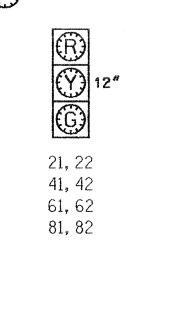
2 Phase Semi-Actuated (Gastonia City Signal System)

## **NOTES**

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2002 and "Standard Specifications for Roads and Structures" dated January 2002.
- 2. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 3. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 4. In the event of loop replacement, refer to the current Signals and Geometrics Design Manual and submit a Plan of Record to the Signals and Geometrics Section.
- 5. Pavement markings are existing.
- 6. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.
- 7. Set all detector units to presence mode.
- 8. City system data: Controller Asset #0035.

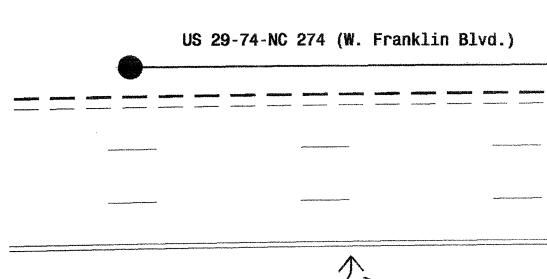
<u>PROPOSED</u>	LEGEND	EXISTING
O->	Traffic Signal Head	<b>-</b>
0->	Modified Signal Head	N/A
	Sign	-
	Pedestrian Signal Head With Push Button & Sign	•
<del></del> )	Signal Pole with Guy	
S	ignal Pole with Sidewalk Guy	
	Inductive Loop Detector	
$\boxtimes$	Controller & Cabinet	κχη Κ. Δ
	Junction Box	
and the same of th	2—in Underground Conduit	
N/A	Right of Way	
<b>→</b>	Directional Arrow	<b>→</b>
<b>→</b>	Pavement Marking Arrow	-

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

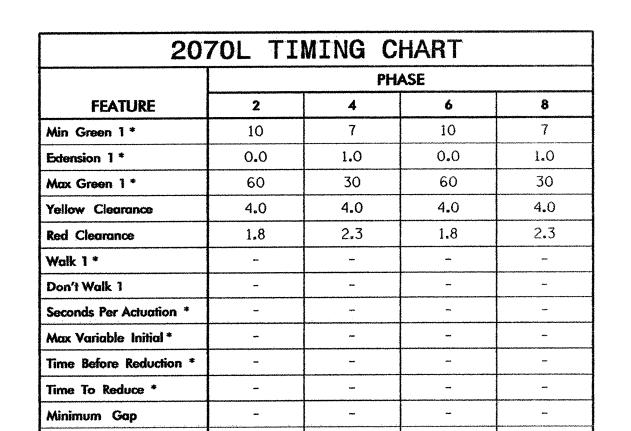


Pole Mounted-

22



35 mph -2% Grade



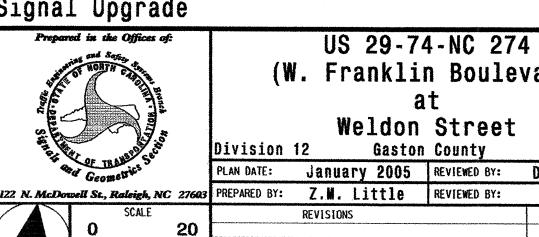
MAX RECALL

MAX RECALL

Recall Mode

**Vehicle Call Memory** 

Signal Upgrade



(W. Franklin Boulevard) Weldon Street January 2005 REVIEWED BY: D.Y. Ishak INIT. DATE