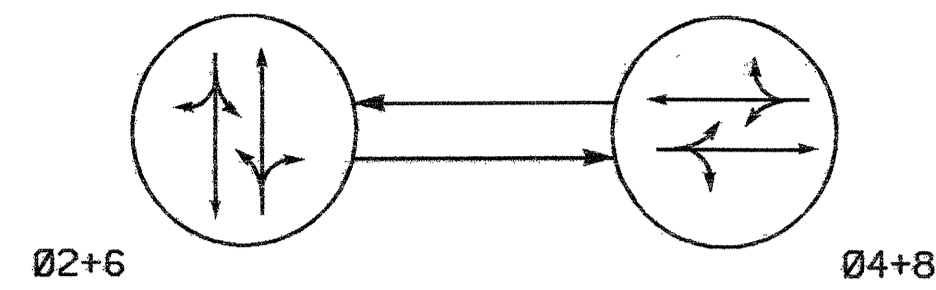


**PHASING DIAGRAM**



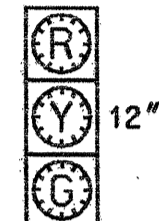
**PHASING DIAGRAM DETECTION LEGEND**

- ←● DETECTED MOVEMENT
- ← UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT
- ←--- PEDESTRIAN MOVEMENT

SIGNAL FACE	PHASE		
	Ø2+6	Ø4+8	FLASH
21, 22	G	R	Y
41, 42	R	G	R
61, 62	G	R	Y
81, 82	R	G	R

**SIGNAL FACE I.D.**

● Denotes L.E.D.

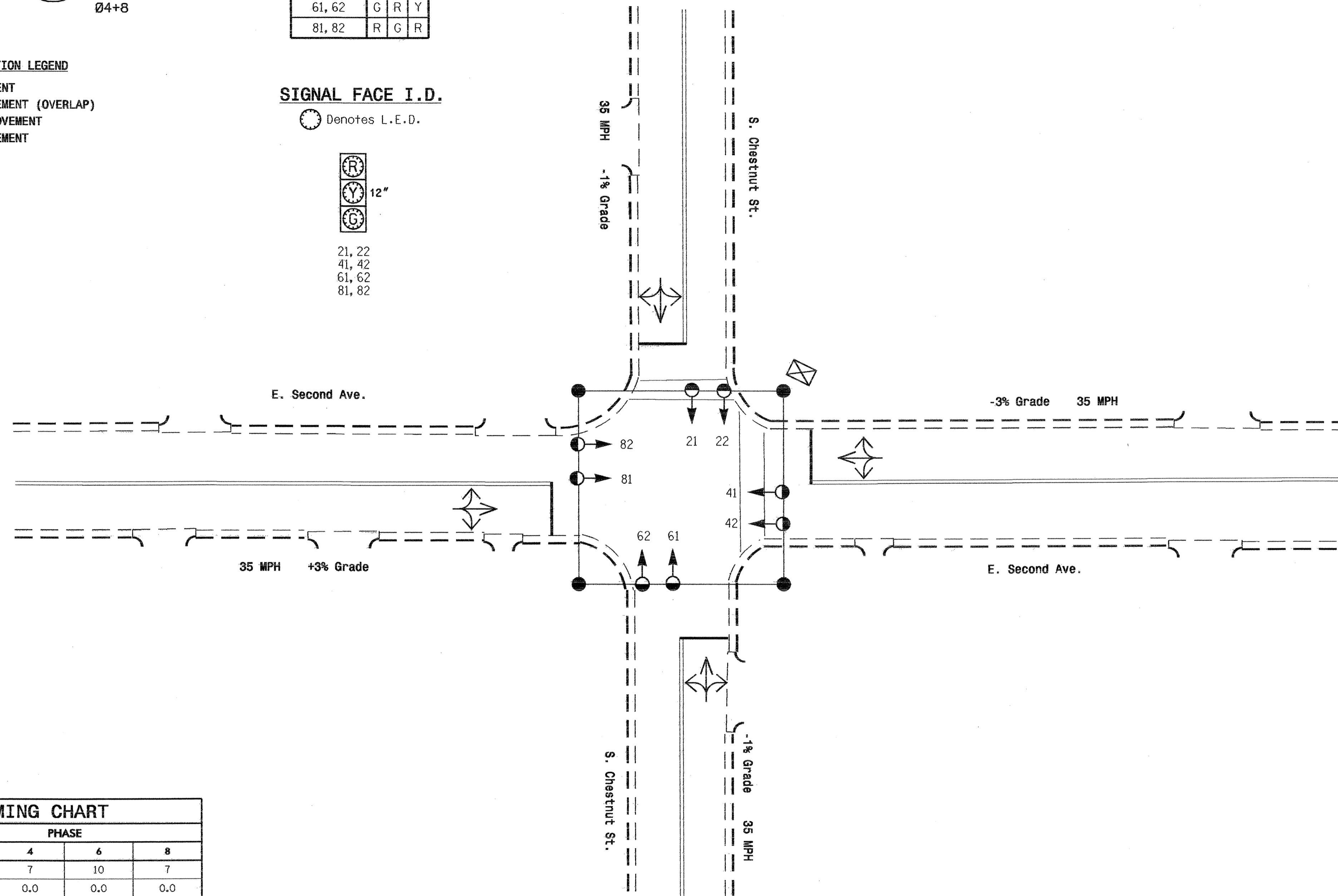


21, 22  
41, 42  
61, 62  
81, 82

**2 Phase  
Pre-Timed  
(Gastonia City System)**

**NOTES**

- 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.
- Pavement markings are existing.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- City system data:  
Controller Asset #: 5008.



**2070L TIMING CHART**

FEATURE	PHASE			
	2	4	6	8
Min Green 1 *	10	7	10	7
Extension 1 *	0.0	0.0	0.0	0.0
Max Green 1 *	45	25	45	25
Yellow Clearance	4.0	4.0	4.0	4.0
Red Clearance	1.6	1.6	1.6	1.6
Walk 1 *	-	-	-	-
Don't Walk 1	-	-	-	-
Seconds Per Actuation *	-	-	-	-
Max Variable Initial *	-	-	-	-
Time Before Reduction *	-	-	-	-
Time To Reduce *	-	-	-	-
Minimum Gap	-	-	-	-
Recall Mode	MAX RECALL	MAX RECALL	MAX RECALL	MAX RECALL
Vehicle Call Memory	-	-	-	-
Dual Entry	-	-	-	-
Simultaneous Gap	ON	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.

PROPOSED	LEGEND	EXISTING
○	Traffic Signal Head	●
○	Modified Signal Head	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	→

**Signal Upgrade**

	<b>E. Second Avenue at S. Chestnut Street</b>		SEAL 
	Division 12 Gaston County Gastonia		
PREPARED BY: L. Blount		REVIEWED BY:	
SCALE: 1" = 20'		REVISIONS:	
DATE:		DATE:	
SIGNATURE:		DATE:	
SIG. INVENTORY NO. City-08		DATE:	

19-MAY-2005 10:12  
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