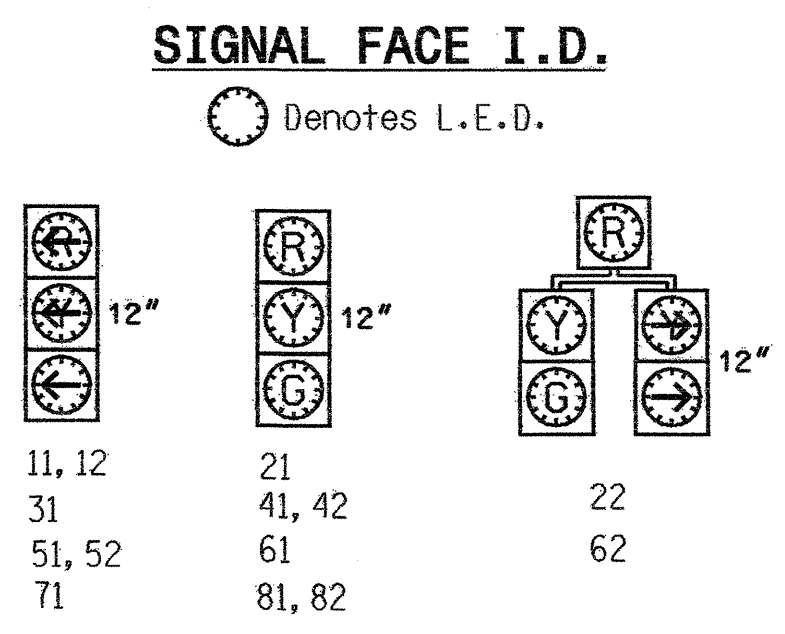


SIGNAL FACE	PHASE							
	Ø 1+5	Ø 1+6	Ø 2+5	Ø 2+6	Ø 3+7	Ø 3+8	Ø 4+7	Ø 4+8
11, 12	←	←	←	←	←	←	←	←
21	R	R	G	G	R	R	R	Y
22	R	R	G	G	R	R	R	Y
31	←	←	←	←	←	←	←	←
41, 42	R	R	R	R	R	R	G	G
51, 52	←	←	←	←	←	←	←	←
61	R	G	R	G	R	R	R	Y
62	R	G	R	G	R	R	R	Y
71	←	←	←	←	←	←	←	←
81, 82	R	R	R	R	G	R	G	R

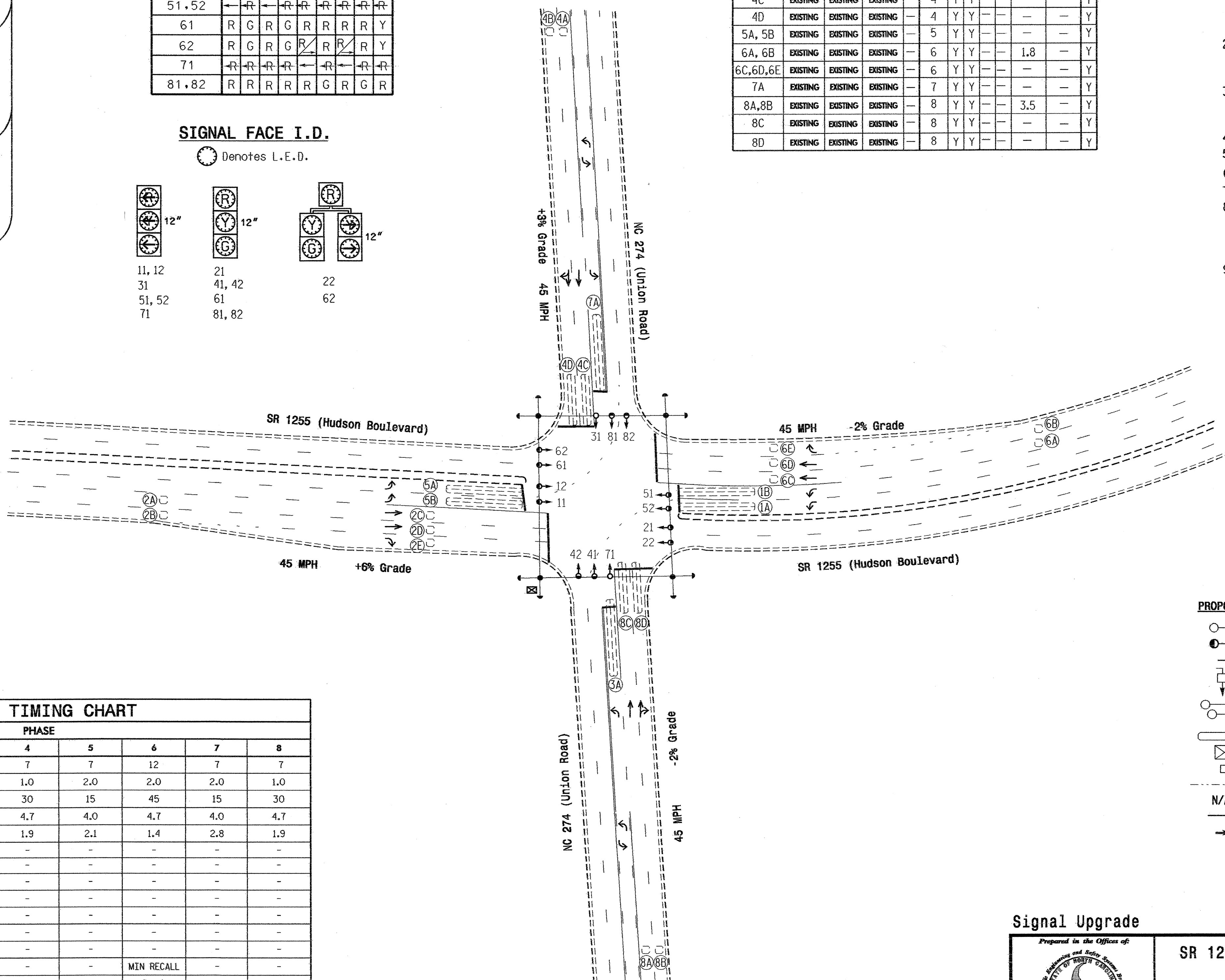


2070L LOOP & DETECTOR INSTALLATION												
INDUCTIVE LOOPS					DETECTOR PROGRAMMING							
LOOP	SIZE (FT)	TURNS	DISTANCE FROM STOPBAR (FT)	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	SYSTEM LOOP	STRETCH TIME	DELAY TIME	NEW CARD
1A, 1B	EXISTING	EXISTING	EXISTING	-	1	Y	Y	-	-	-	-	Y
2A, 2B	EXISTING	EXISTING	EXISTING	-	2	Y	Y	-	-	1.8	-	Y
2C, 2D, 2E	EXISTING	EXISTING	EXISTING	-	2	Y	Y	-	-	-	-	Y
3A	EXISTING	EXISTING	EXISTING	-	3	Y	Y	-	-	-	-	Y
4A, 4B	EXISTING	EXISTING	EXISTING	-	4	Y	Y	-	-	3.5	-	Y
4C	EXISTING	EXISTING	EXISTING	-	4	Y	Y	-	-	-	-	Y
4D	EXISTING	EXISTING	EXISTING	-	4	Y	Y	-	-	-	-	Y
5A, 5B	EXISTING	EXISTING	EXISTING	-	5	Y	Y	-	-	-	-	Y
6A, 6B	EXISTING	EXISTING	EXISTING	-	6	Y	Y	-	-	1.8	-	Y
6C, 6D, 6E	EXISTING	EXISTING	EXISTING	-	6	Y	Y	-	-	-	-	Y
7A	EXISTING	EXISTING	EXISTING	-	7	Y	Y	-	-	-	-	Y
8A, 8B	EXISTING	EXISTING	EXISTING	-	8	Y	Y	-	-	3.5	-	Y
8C	EXISTING	EXISTING	EXISTING	-	8	Y	Y	-	-	-	-	Y
8D	EXISTING	EXISTING	EXISTING	-	8	Y	Y	-	-	-	-	Y

8 Phase Fully Actuated (Gastonia City System)

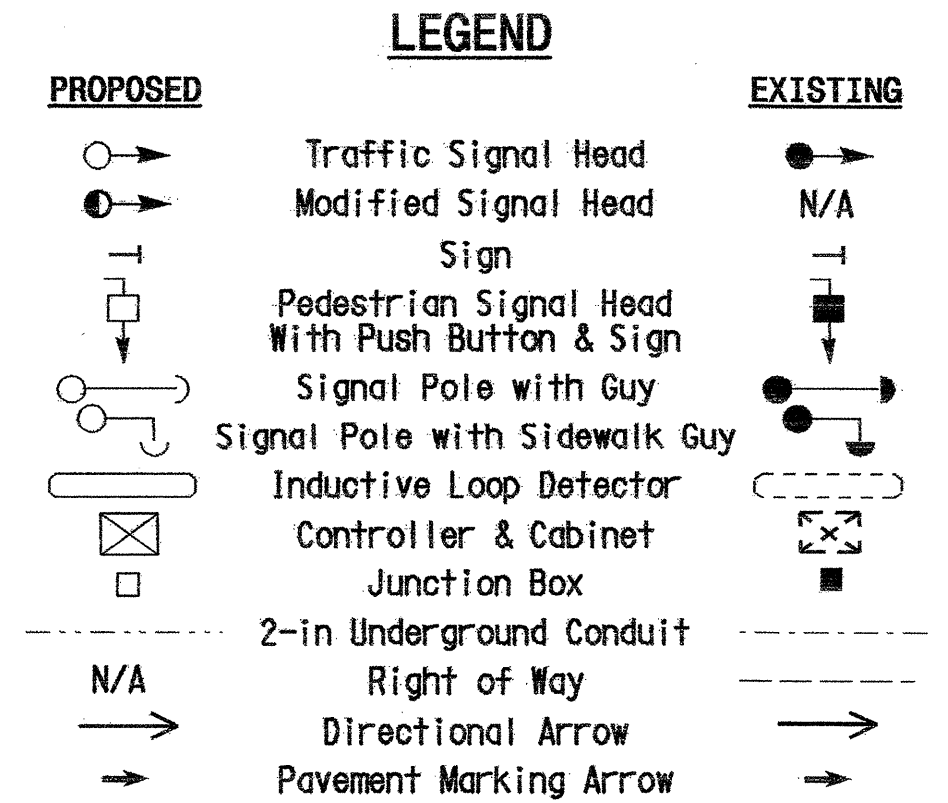
NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2002 and "Standard Specifications for Roads and Structures" dated January 2002
2. 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. Phase 1 or phase 5 may be lagged.
5. Phase 3 or phase 7 may be lagged.
6. Set all detector units to presence mode.
7. Pavement markings are existing.
8. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
9. Closed loop system data: Controller Asset #1411.



FEATURE	2070L TIMING CHART							
	1	2	3	4	5	6	7	8
Min Green 1*	7	12	7	7	7	12	7	7
Extension 1*	1.0	2.0	1.0	1.0	2.0	2.0	2.0	1.0
Max Green 1*	15	45	15	30	15	45	15	30
Yellow Clearance	4.0	4.7	4.0	4.7	4.0	4.7	4.0	4.7
Red Clearance	2.1	1.4	2.5	1.9	2.1	1.4	2.8	1.9
Walk 1*	-	-	-	-	-	-	-	-
Don't Walk 1	-	-	-	-	-	-	-	-
Seconds Per Actuation*	-	-	-	-	-	-	-	-
Max Variable Initial*	-	-	-	-	-	-	-	-
Time Before Reduction*	-	-	-	-	-	-	-	-
Time To Reduce*	-	-	-	-	-	-	-	-
Minimum Gap	-	-	-	-	-	-	-	-
Recall Mode	-	MIN RECALL	-	-	-	MIN RECALL	-	-
Vehicle Call Memory	-	YELLOW	-	-	-	YELLOW	-	-
Dual Entry	-	-	-	-	-	-	-	-
Simultaneous Gap	ON	ON	ON	ON	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.



Signal Upgrade

	<p>SR 1255 (Hudson Boulevard) AT NC 274 (Union Road)</p>		
	<p>Division 12 Gaston County in Gastonia</p>	<p>PLAN DATE: February 2005 REVIEWED BY:</p>	
<p>122 N. McDowell St., Raleigh, NC 27603</p>	<p>SCALE 0 50 1" = 50'</p>	<p>REVISIONS</p>	<p>INIT. DATE</p>
<p>SIGNATURE</p>		<p>DATE</p>	
<p>SIG. INVENTORY NO. 12-1411</p>		<p>DATE</p>	

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