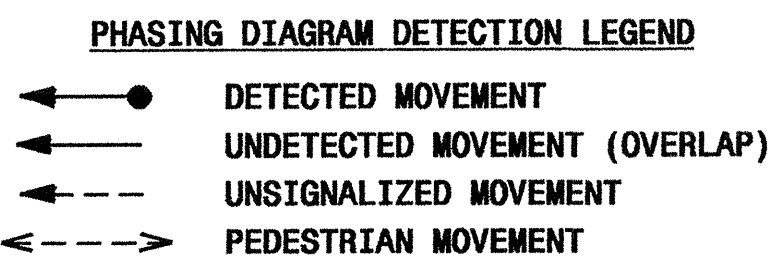
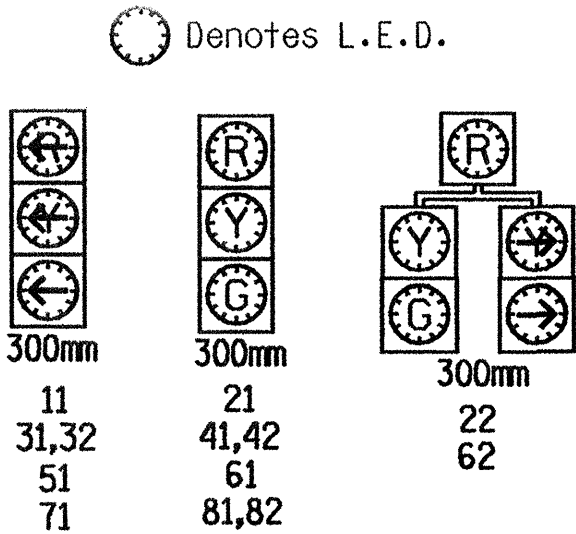


SIGNAL FACE	PHASE							
	Ø 1+5	Ø 1+6	Ø 2+5	Ø 2+6	Ø 3+7	Ø 3+8	Ø 4+7	Ø 4+8
11	—	—	—	—	—	—	—	—
21	R	R	G	G	R	R	R	Y
22	R	R	G	G	R	R	R	Y
31,32	—	—	—	—	—	—	—	—
41,42	R	R	R	R	R	R	G	R
51	—	—	—	—	—	—	—	—
61	R	G	R	G	R	R	R	Y
62	R	G	R	G	R	R	R	Y
71	—	—	—	—	—	—	—	—
81,82	R	R	R	R	R	G	R	G

SIGNAL FACE I.D.



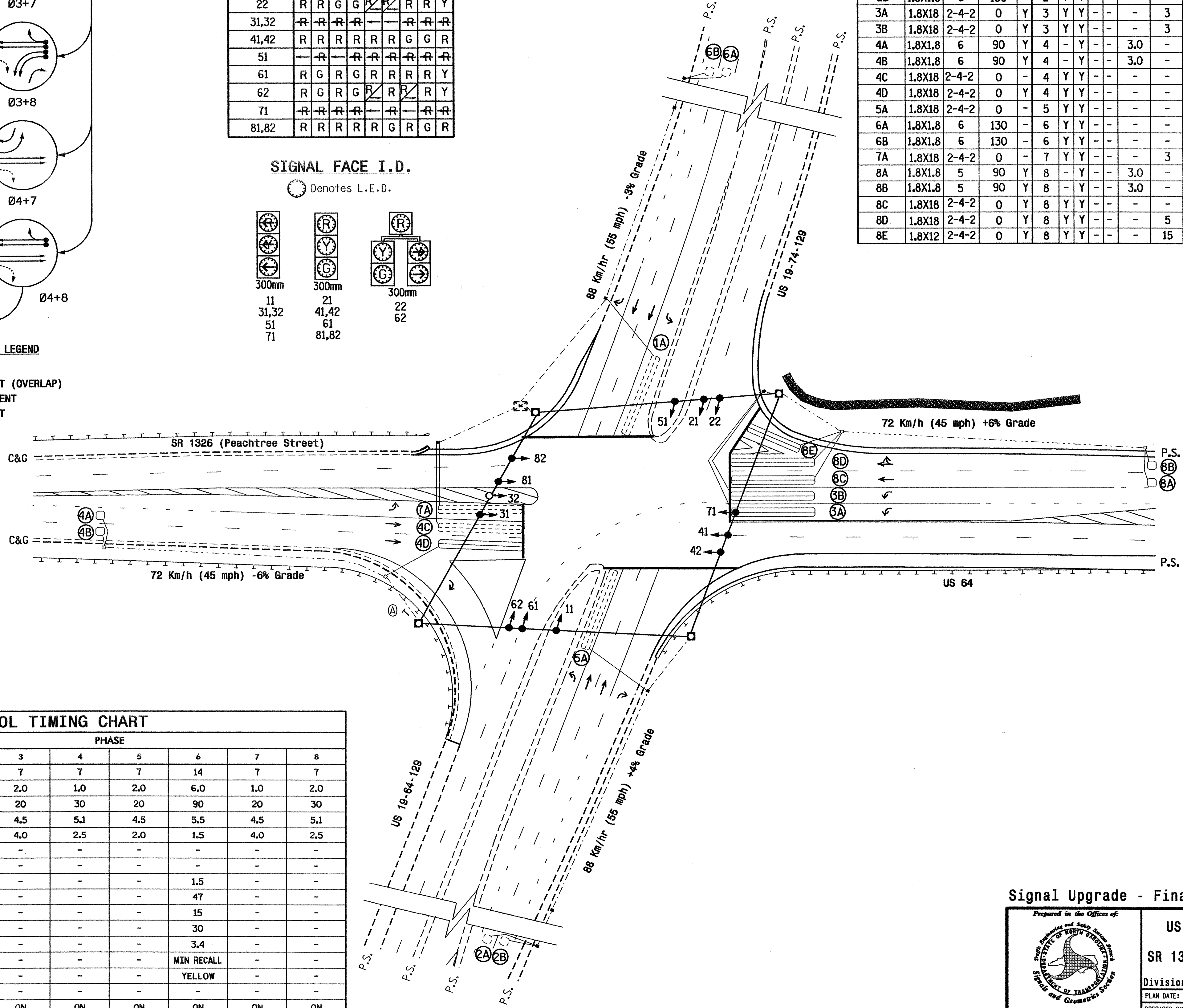
LOOP	SIZE (M)	TURNS	DISTANCE FROM STOPBAR (M)	NEW LOOP	DETECTOR PROGRAMMING						
					PHASE	CALLING	EXTENSION	FULL TIME DELAY SYSTEM LOOP	STRETCH TIME	DELAY TIME	NEW CARD
1A	1.8X1.8	2-4-2	0	—	1	Y	Y	—	—	—	—
2A	1.8X1.8	5	130	—	2	Y	Y	—	—	—	—
2B	1.8X1.8	5	130	—	2	Y	Y	—	—	—	—
3A	1.8X1.8	2-4-2	0	Y	3	Y	Y	—	—	3	Y
3B	1.8X1.8	2-4-2	0	Y	3	Y	Y	—	—	3	Y
4A	1.8X1.8	6	90	Y	4	—	Y	—	3.0	—	Y
4B	1.8X1.8	6	90	Y	4	—	Y	—	3.0	—	Y
4C	1.8X1.8	2-4-2	0	—	4	Y	Y	—	—	—	—
4D	1.8X1.8	2-4-2	0	Y	4	Y	Y	—	—	—	Y
5A	1.8X1.8	2-4-2	0	—	5	Y	Y	—	—	—	—
6A	1.8X1.8	6	130	—	6	Y	Y	—	—	—	—
6B	1.8X1.8	6	130	—	6	Y	Y	—	—	—	—
7A	1.8X1.8	2-4-2	0	—	7	Y	Y	—	—	3	—
8A	1.8X1.8	5	90	Y	8	—	Y	—	3.0	—	Y
8B	1.8X1.8	5	90	Y	8	—	Y	—	3.0	—	Y
8C	1.8X1.8	2-4-2	0	Y	8	Y	Y	—	—	—	Y
8D	1.8X1.8	2-4-2	0	Y	8	Y	Y	—	—	5	Y
8E	1.8X1.2	2-4-2	0	Y	8	Y	Y	—	—	15	Y

8-Phase Fully Actuated (Time Based)

NOTES

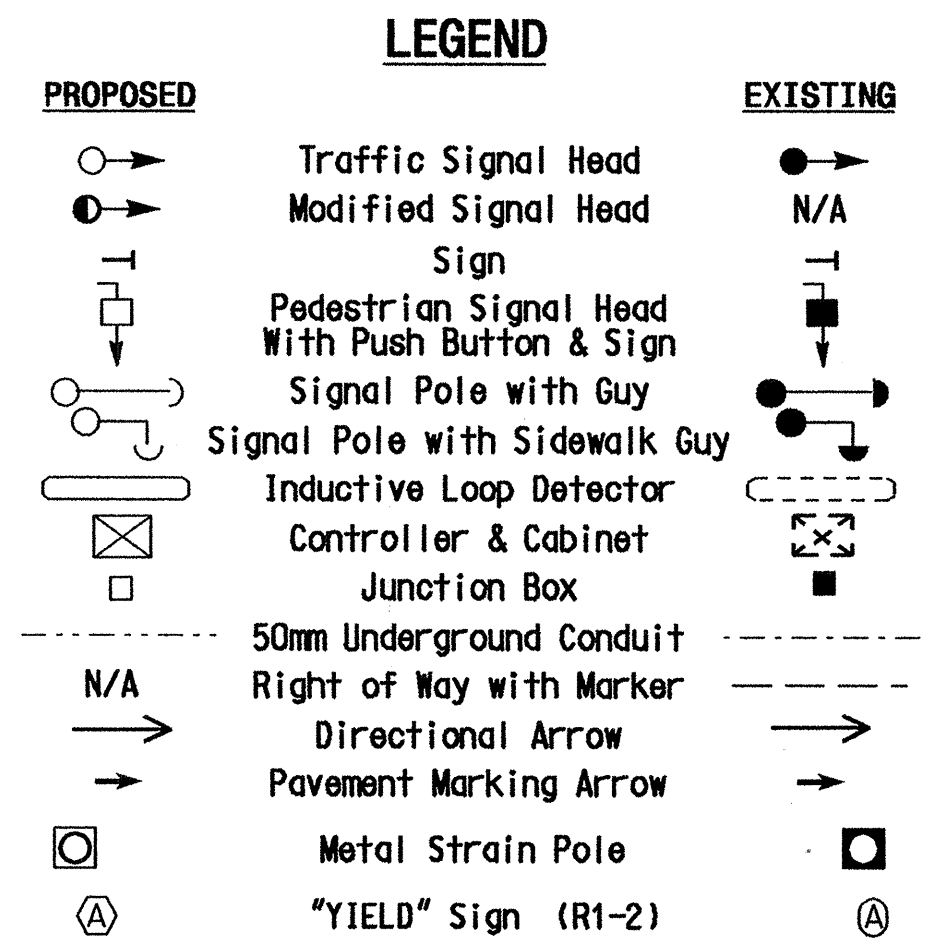
- Refer to "Roadway Standard Drawings NCDOT" dated January 2002 and "Standard Specifications for Roads and Structures" dated January 2002.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Phase 1 or phase 5 may be lagged.
- Phase 3 or phase 7 may be lagged.
- Reposition existing signal heads numbered 31, 41, 42, 71, 81, and 82.
- Set all detector units to presence mode.

Pay Item	Meters
Signal Cable	45
Messenger Cable	0
Lead-in Cable	560



FEATURE	PHASE							
	1	2	3	4	5	6	7	8
Min Green 1*	7	14	7	7	7	14	7	7
Extension 1*	1.0	6.0	2.0	1.0	2.0	6.0	1.0	2.0
Max Green 1*	20	90	20	30	20	90	20	30
Yellow Clearance	4.5	5.5	4.5	5.1	4.5	5.5	4.5	5.1
Red Clearance	2.0	1.5	4.0	2.5	2.0	1.5	4.0	2.5
Walk 1*	-	-	-	-	-	-	-	-
Don't Walk 1	-	-	-	-	-	-	-	-
Seconds Per Actuation*	-	1.5	-	-	-	1.5	-	-
Max Variable Initial*	-	47	-	-	-	47	-	-
Time Before Reduction*	-	15	-	-	-	15	-	-
Time To Reduce*	-	30	-	-	-	30	-	-
Minimum Gap	-	3.4	-	-	-	3.4	-	-
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 - Final

Prepared in the Office of:

 US 19-64-74-129/US 19-74-129
 at
 SR 1326 (Peachtree Street) / US 64
 Division 14 Cherokee County Murphy
 PLAN DATE: July 2004 REVIEWED BY: C.J. Collins
 PREPARED BY: Luhr REVIEWED BY:
 SCALE 1:500
 REVISIONS
 INIT. DATE
 SEAL

 SIGNATURE: Timothy A. Williams DATE: 9/30/04
 SIG. INVENTORY NO. 14-0022