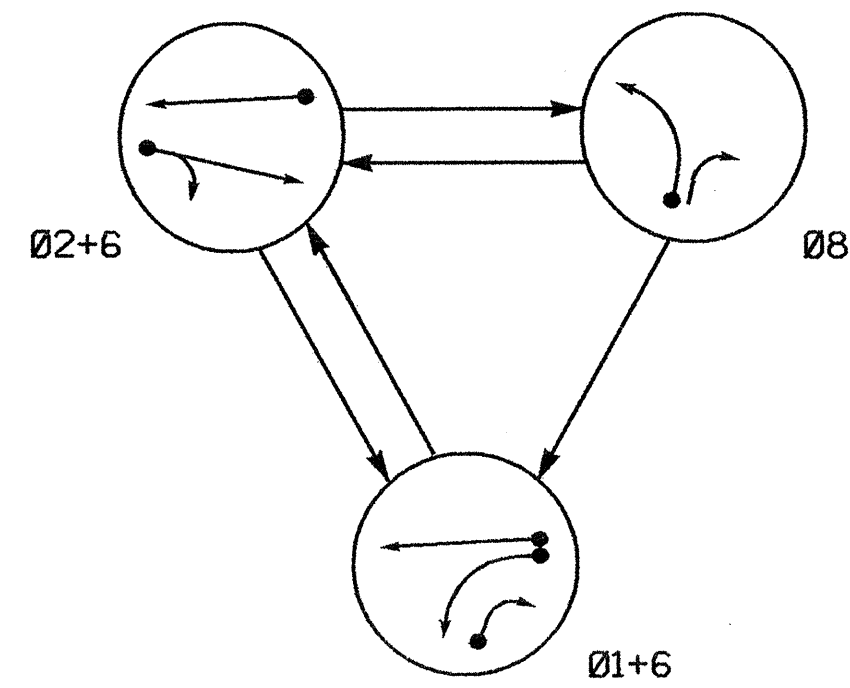


PHASING DIAGRAM



SIGNAL FACE	PHASE			
	Ø 1+6	Ø 2+6	Ø 8	FLASH
12	R	R	R	
21, 22	R	G	R	Y
61, 62	G	G	R	Y
81, 84	R	R	G	R
82	R	R	G	R

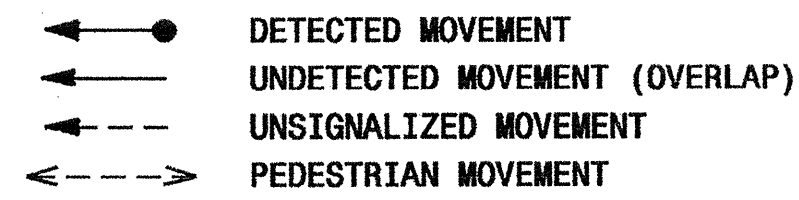
LOOP	SIZE (M)	TURNS	DISTANCE FROM STOPBAR (M)	NEW LOOP	DETECTOR PROGRAMMING							
					PHASE	CALLING	EXTENSION	FULL TIME DELAY	SYSTEM LOOP	STRETCH TIME	DELAY TIME	NEW CARD
1B	1.8X18	2-4-2	0	-	1	Y	Y	-	-	-	-	-
1C	1.8X18	2-4-2	0	-	1	Y	Y	-	-	-	15	-
2A	1.8X1.8	6	130	Y	2	Y	Y	-	-	-	-	-
6B	1.8X1.8	6	130	-	6	Y	Y	-	-	-	-	-
8A	1.8X18	2-4-2	0	-	8	Y	Y	-	-	-	-	-

3 Phase Fully Actuated (Isolated)

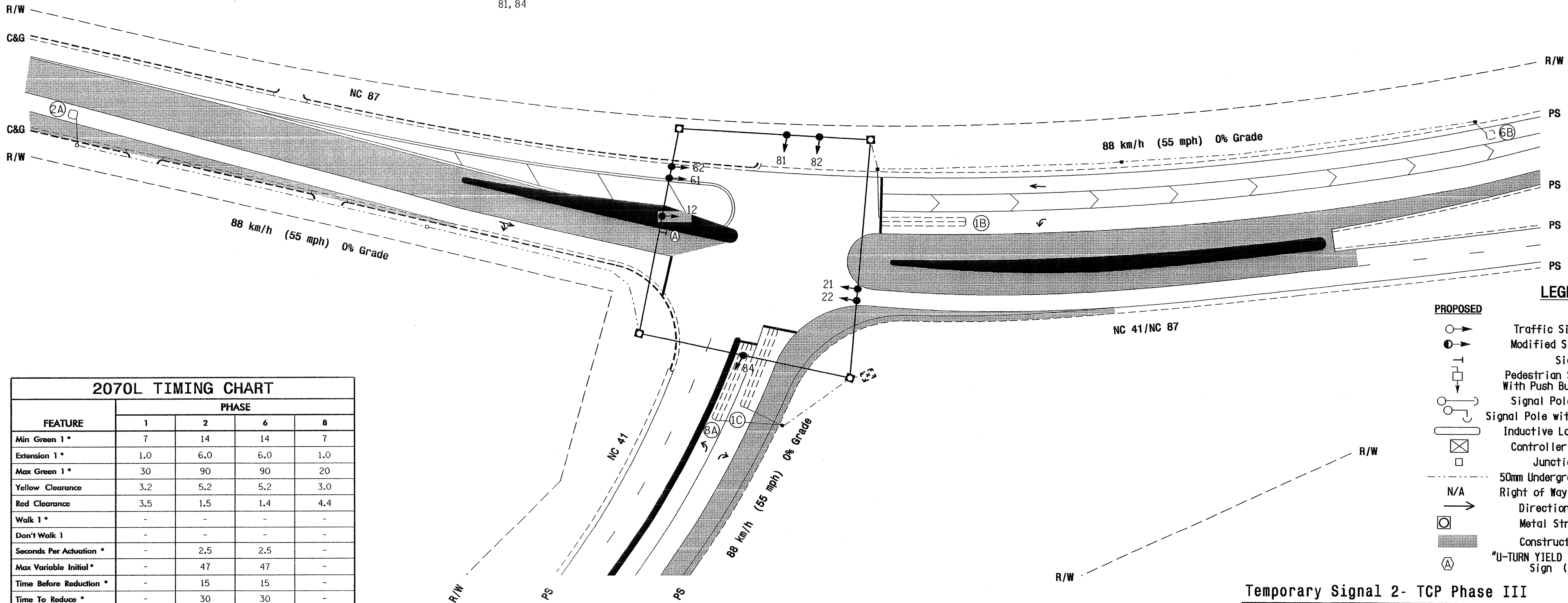
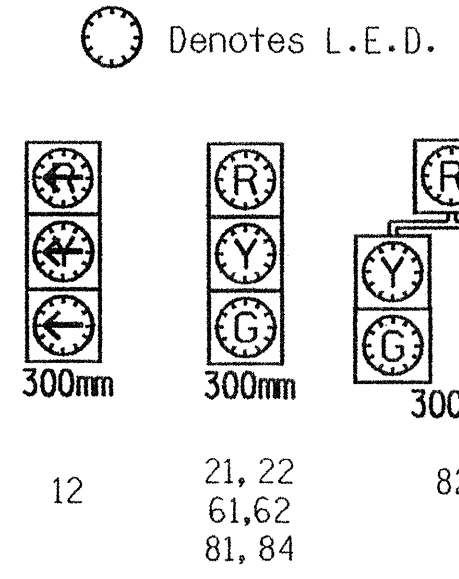
NOTES

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. Phase 1 may be lagged.
4. Reposition existing signal heads numbered 21 and 22.
5. Set all detector units to presence mode.

PHASING DIAGRAM DETECTION LEGEND



SIGNAL FACE I.D.



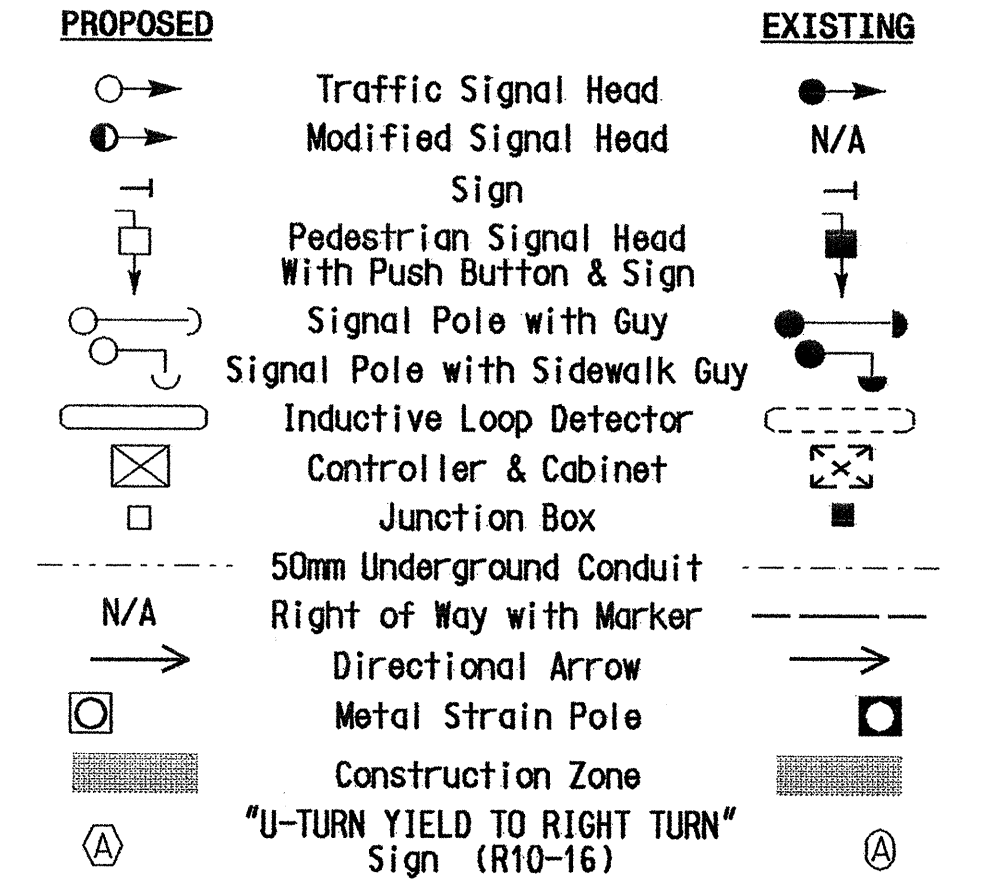
2070L TIMING CHART

FEATURE	PHASE			
	1	2	6	8
Min Green 1 *	7	14	14	7
Extension 1 *	1.0	6.0	6.0	1.0
Max Green 1 *	30	90	90	20
Yellow Clearance	3.2	5.2	5.2	3.0
Red Clearance	3.5	1.5	1.4	4.4
Walk 1 *	-	-	-	-
Don't Walk 1	-	-	-	-
Seconds Per Actuation *	-	2.5	2.5	-
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

* 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 phasas should not be lower than 4 seconds.

Pay Item	Meters
Signal Cable	0
Messenger Cable	0
Lead-in Cable	205

LEGEND



Temporary Signal 2- TCP Phase III

Prepared in the Office of:

 Department of Transportation
 Survey and Geometric Section
 122 N. McDowell St., Raleigh, NC 27603

NC 87/ (NC 41/NC 87) at NC 41

Division 6 Bladen County Dublin

PLAN DATE: August 2004 REVIEWED BY: C J Collins

PREPARED BY: R W Duffy REVIEWED BY:

SEAL

 ENGINEER
 SIGNATURE: *Timothy A. Collins* DATE: 9/2/04
 SIG. INVENTORY NO. 06-1121 T2

SCALE: 1:500

02-SEP-2004 15:43 W:\PROJECTS\2562D\06-1121\06-1121.dgn