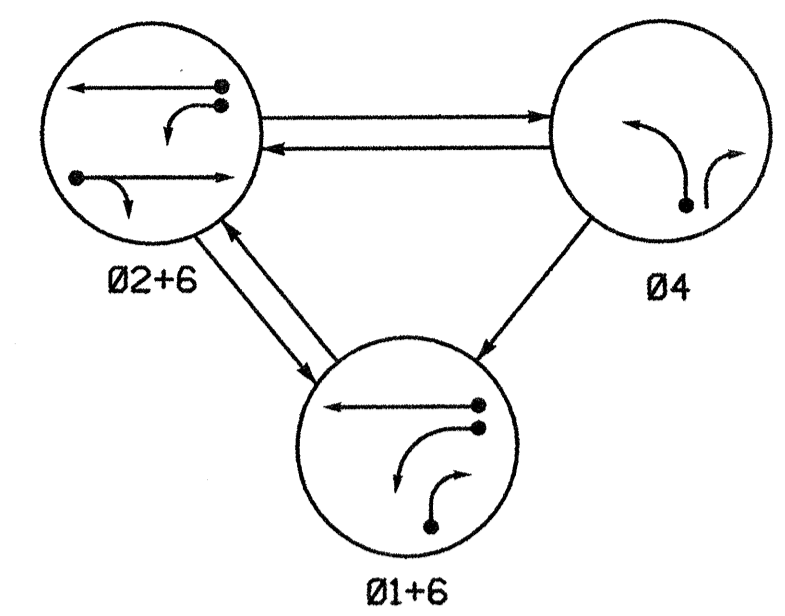


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

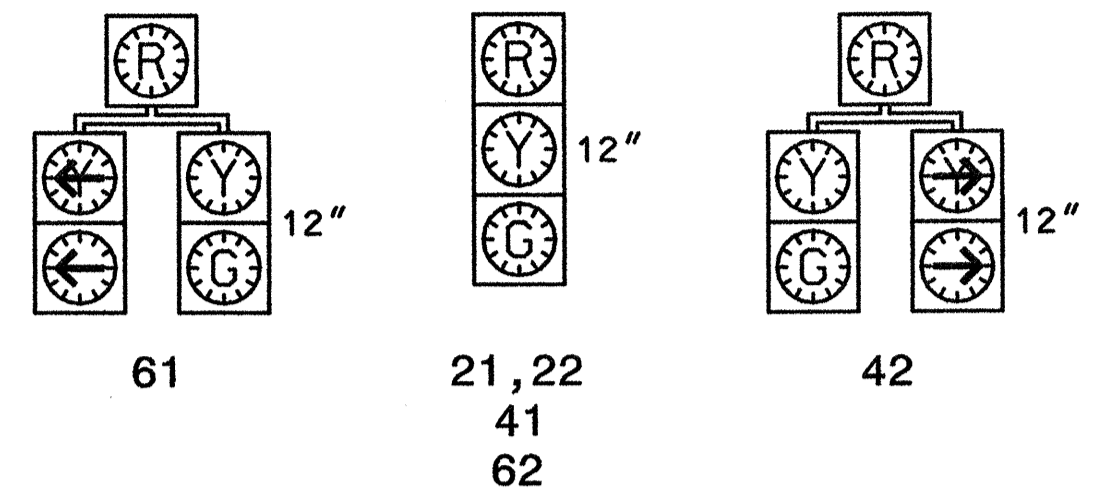
- ← ● DETECTED MOVEMENT
- ← UNDETECTED MOVEMENT (OVERLAP)
- ← UNSIGNALIZED MOVEMENT
- ← PEDESTRIAN MOVEMENT

TABLE OF OPERATION

SIGNAL FACE	PHASE			
	Ø 1 + 6	Ø 2 + 6	Ø 4	FLASH HO
21, 22	R	G	R	Y
41	R	R	G	R
42	R	R	G	R
61	G	G	R	Y
62	G	G	R	Y

SIGNAL FACE I.D.

⊙ Denotes L.E.D.



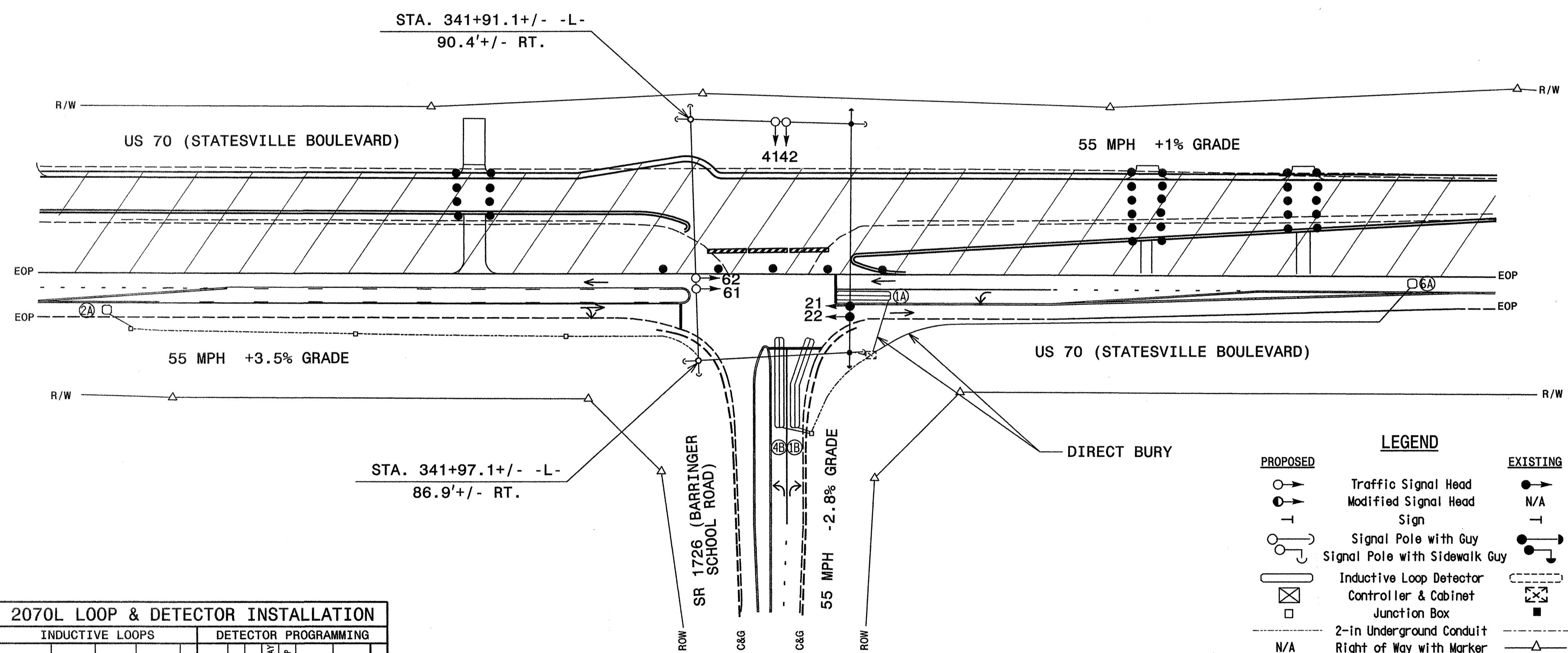
3 PHASE FULLY ACTUATED (Isolated)

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. Set all detector units to presence mode.

PLAN QUANTITIES

Pay Item	Feet
Signal Cable	530
Messenger Cable	410
Lead-in Cable	1070



2070L TIMING CHART

FEATURE	PHASE			
	1	2	4	6
Min Green 1 *	7	14	7	14
Extension 1 *	1.0	6.0	1.0	6.0
Max Green 1 *	20	90	25	90
Yellow Clearance	4.0	5.1	4.0	5.1
Red Clearance	1.0	1.5	1.5	1.5
Walk 1 *	-	-	-	-
Don't Walk 1	-	-	-	-
Seconds Per Actuation *	-	2.5	-	2.5
Max Variable Initial *	-	46	-	46
Time Before Reduction *	-	15	-	15
Time To Reduction *	-	45	-	45
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

2070L LOOP & DETECTOR INSTALLATION

LOOP	SIZE (FT)	TURNS	DISTANCE FROM STOPBAR (FT)	NEW LOOP	DETECTOR PROGRAMMING							
					PHASE	CALLING	EXTENSION	FULL TIME DELAY	SYSTEM LOOP	STRETCH TIME	DELAY TIME	NEW CARD
1A	6X40	2-4-2	0	Y	1	Y	Y	-	-	-	15	-
1B	6X60	2-4-2	+6	Y	1	Y	Y	-	-	-	15	Y
2A	6X6	0	+20	Y	2	Y	Y	-	-	-	-	-
4B	6X60	2-4-2	+6	Y	4	Y	Y	-	-	-	3	-
6A	6X6	6	420	Y	6	Y	Y	-	-	-	-	-

LEGEND

- | PROPOSED | EXISTING |
|----------|----------|
| ⊙        | ●        |
| ⊙        | N/A      |
| ⊙        | ⊙        |
| ⊙        | ⊙        |
| ⊙        | ⊙        |
| ⊙        | ⊙        |
| ⊙        | ⊙        |
| ⊙        | ⊙        |
| ⊙        | ⊙        |
| ⊙        | ⊙        |
| N/A      | ⊙        |
| →        | →        |
| →        | →        |
| N/A      | ///      |

\* 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.

TEMPORARY SIGNAL INSTALLATION - PHASE II & III

Prepared in the Office of:  
*Kubilins*  
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201 PRODUCTION DR.  
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US 70 (Statesville Boulevard) at SR 1728 (Barringer School Road) ROWAN CO. W. OF SALISBURY

PLAN DATE: OCTOBER 2003 REVIEWED BY: MAK

PREPARED BY: CED REVIEWED BY:

SCALE: 1" = 50'

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 17464 MARGARET ANN KUBILINS

SIG. INVENTORY NO. 09-106572