

PHASING DIAGRAM

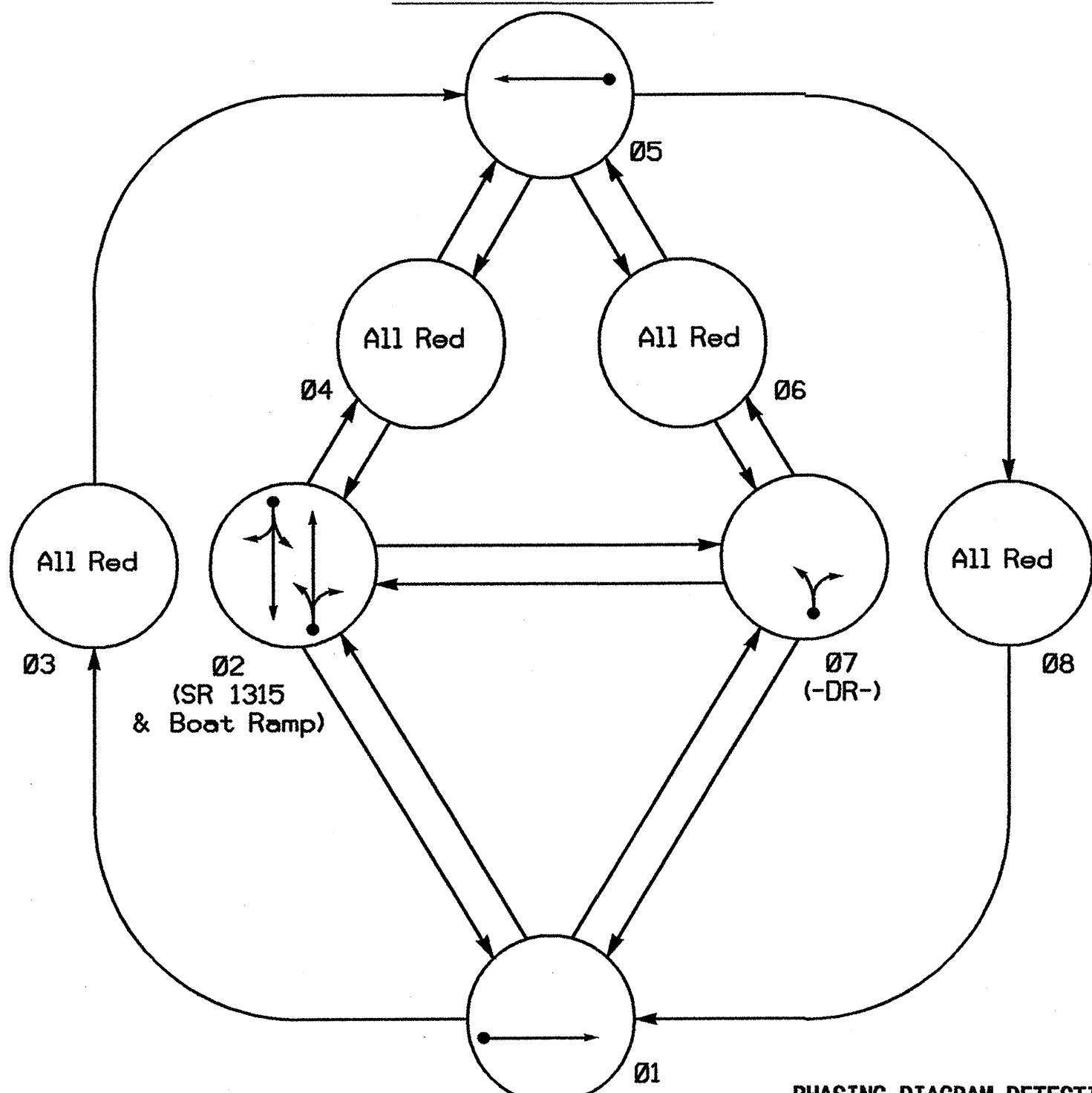
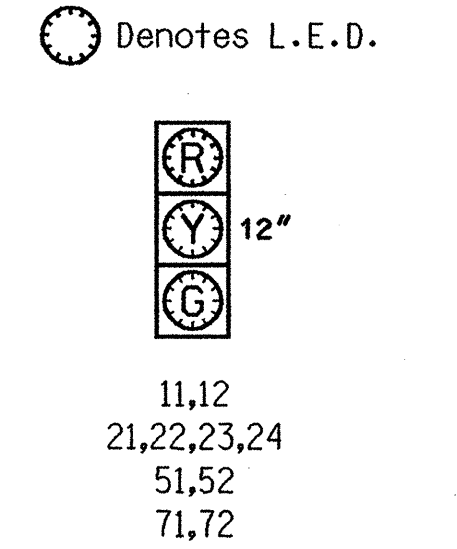


TABLE OF OPERATION

SIGNAL FACE	PHASE							
	Ø 1	Ø 2	Ø 3	Ø 4	Ø 5	Ø 6	Ø 7	Ø 8
11, 12	G	R	R	R	R	R	R	R
21,22,23,24	R	G	R	R	R	R	R	R
51, 52	R	R	R	R	G	R	R	R
71, 72	R	R	R	R	R	R	G	R

SIGNAL FACE I.D.



2070L TIMING CHART

FEATURE	PHASE							
	1	2	3 (Dummy)	4 (Dummy)	5	6 (Dummy)	7	8 (Dummy)
Min Green 1 *	10	7	10	12	10	12	7	10
Extension 1 *	3.0	2.0	-	-	3.0	-	2.0	-
Max Green 1 *	45	15	10	12	45	12	15	10
Yellow Clearance	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Red Clearance	15	15	11	4	15	4	15	11
Walk 1 *	-	-	-	-	-	-	-	-
Don't Walk 1	-	-	-	-	-	-	-	-
Seconds Per Actuation *	-	-	-	-	-	-	-	-
Max Variable Initial *	-	-	-	-	-	-	-	-
Time Before Reduction *	-	-	-	-	-	-	-	-
Time To Reduce *	-	-	-	-	-	-	-	-
Minimum Gap	-	-	-	-	-	-	-	-
Recall Mode	-	-	-	-	-	-	-	-
Vehicle Call Memory	-	-	-	-	-	-	-	-
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 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

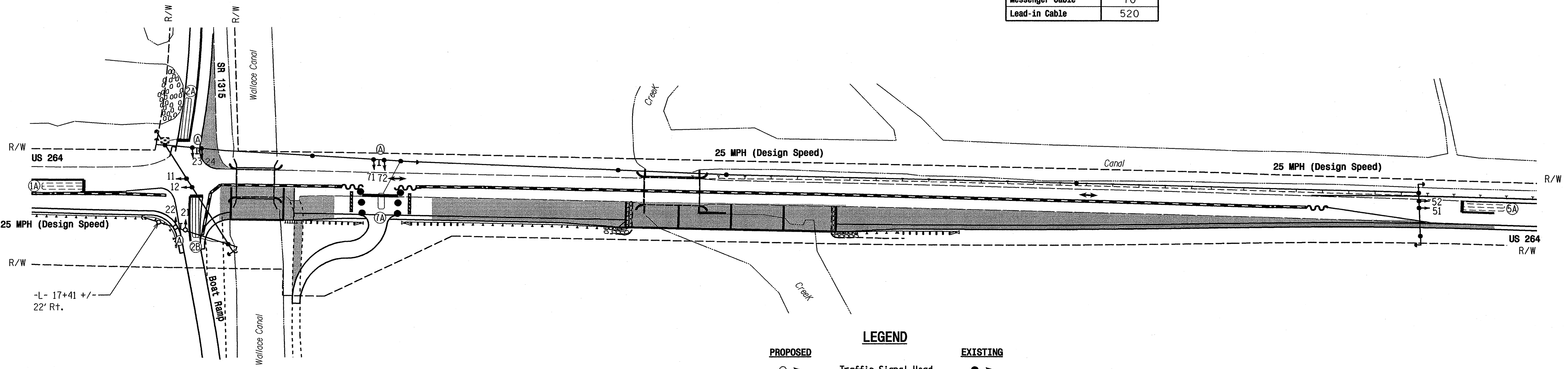
4 Phase Fully Actuated (Isolated)

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.
- Program all phases for "Red Rest".
- Relocation existing signal heads numbered 23,24,71,& 72. Relocation and relocate existing signs labelled "A".
- Set all detector units to presence mode.

PLAN QUANTITIES

Pay Item	Feet
Signal Cable	220
Messenger Cable	70
Lead-in Cable	520



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	6x40	2-4-2	0	-	1	Y	Y	-	-	-	-	-
2A	6x40	2-4-2	0	X	2	Y	Y	-	-	-	3	-
2B	6x40	2-4-2	0	X	2	Y	Y	-	-	-	3	-
5A	6x40	2-4-2	0	-	5	Y	Y	-	-	-	-	-
7A	6x15	4	0	X	7	Y	Y	-	-	-	5	-

LEGEND

- | PROPOSED | EXISTING |
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(Temporary Signal 2 - TCP Phase I)

 22 N. McDowell St., Raleigh, NC 27603 SCALE 1"=50' 	US 264 At SR 1315 (Swamp Road) and Bridges 52 and 54 near Engelhard		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 24393 THOMAS J. WILLIAMS ENGINEER	
	Division 1 PREPARED BY: JGalloway	Hyde County REVISIONS:	near Engelhard REVIEWED BY:	DATE: 2/19/04 SIGNATURE: <i>[Signature]</i> DATE:
	PREPARED BY: JGalloway	REVISIONS:	REVIEWED BY:	
	PREPARED BY: JGalloway		REVIEWED BY:	DATE:

SIG. INVENTORY NO. 01-0738 T2

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 JGI Lowy