

PHASING DIAGRAM

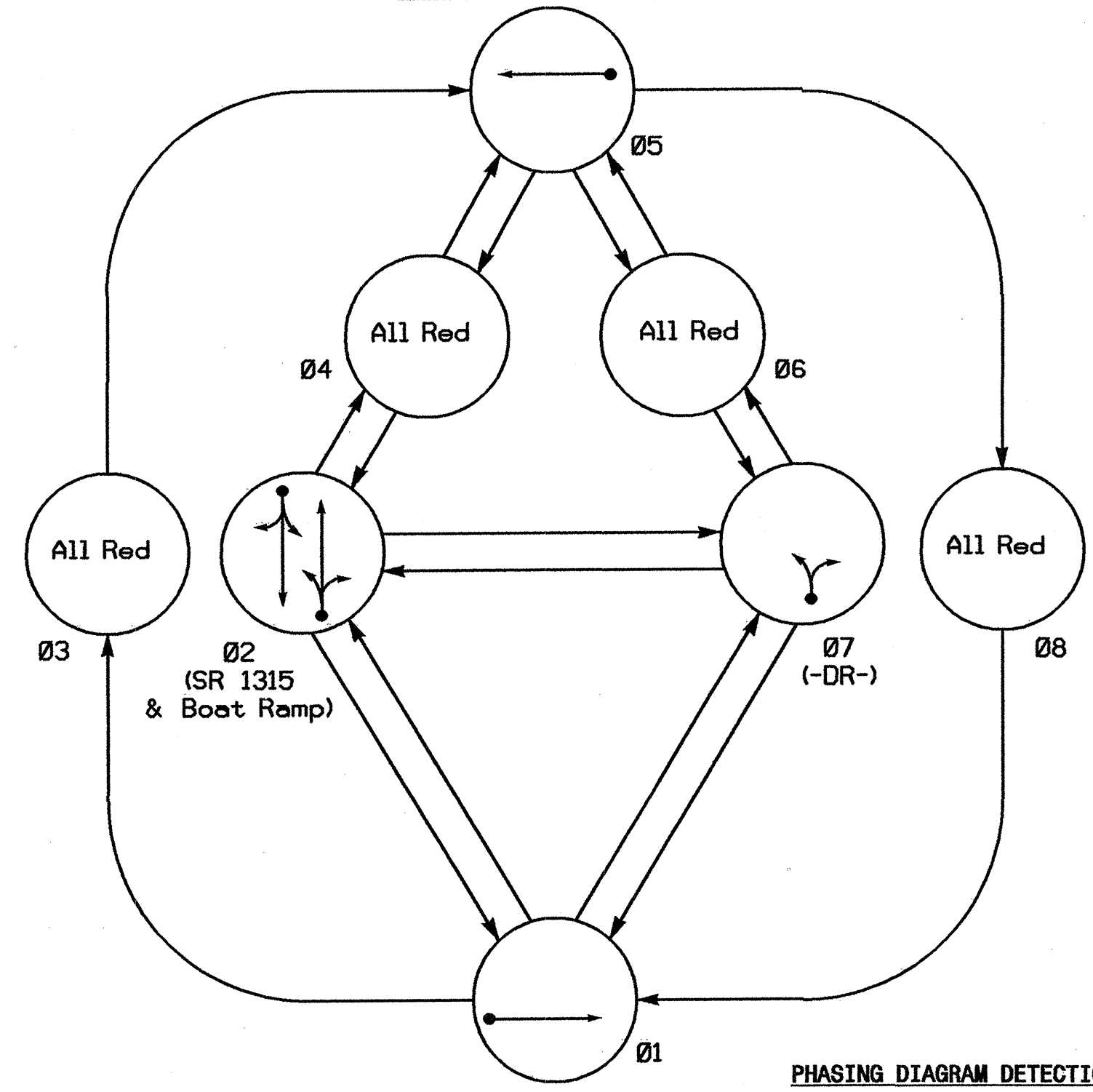
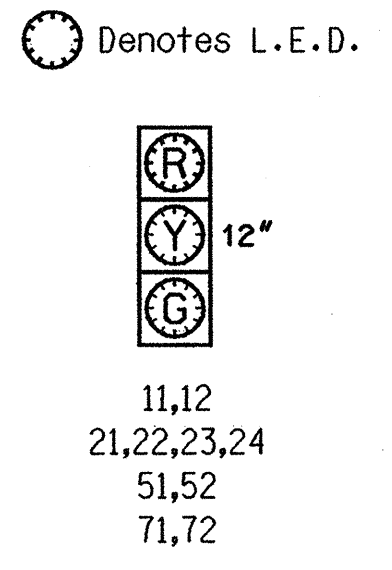


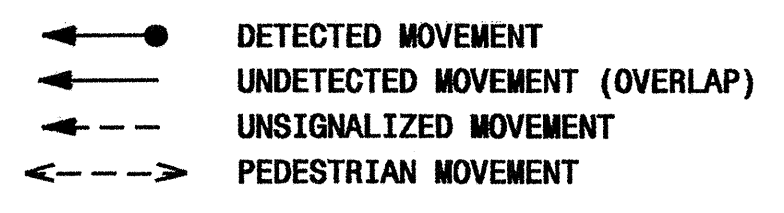
TABLE OF OPERATION

SIGNAL FACE	PHASE								
	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	FLASH
11, 12	G	R	R	R	R	R	R	R	R
21, 22, 23, 24	R	G	R	R	R	R	R	R	R
51, 52	R	R	R	R	G	R	R	R	R
71, 72	R	R	R	R	R	R	G	R	R

SIGNAL FACE I.D.



PHASING DIAGRAM DETECTION LEGEND



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.

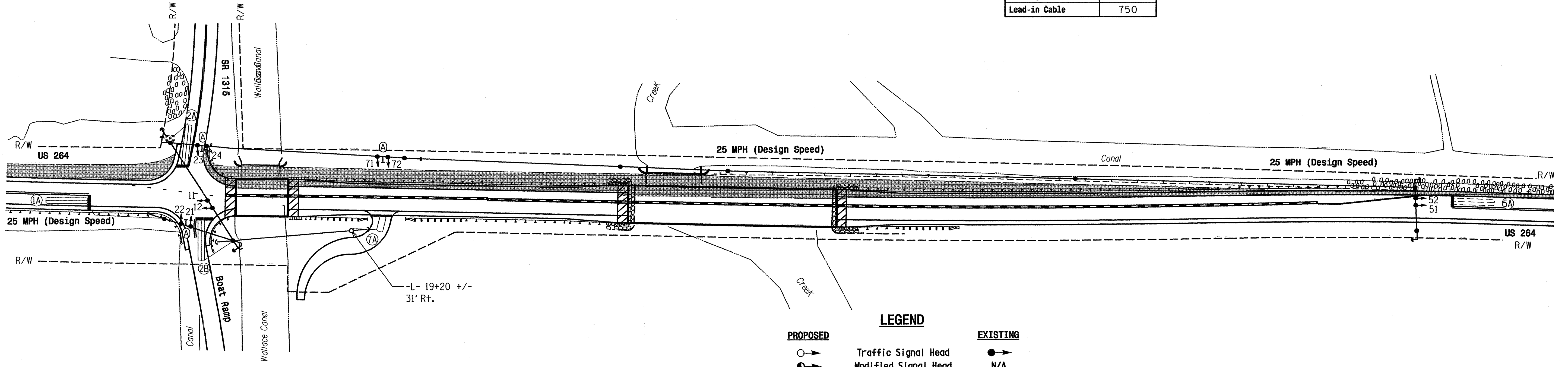
4 Phase Fully Actuated (Isolated)

NOTES

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. Program all phases for "Red Rest".
4. Set all detector units to presence mode.

PLAN QUANTITIES

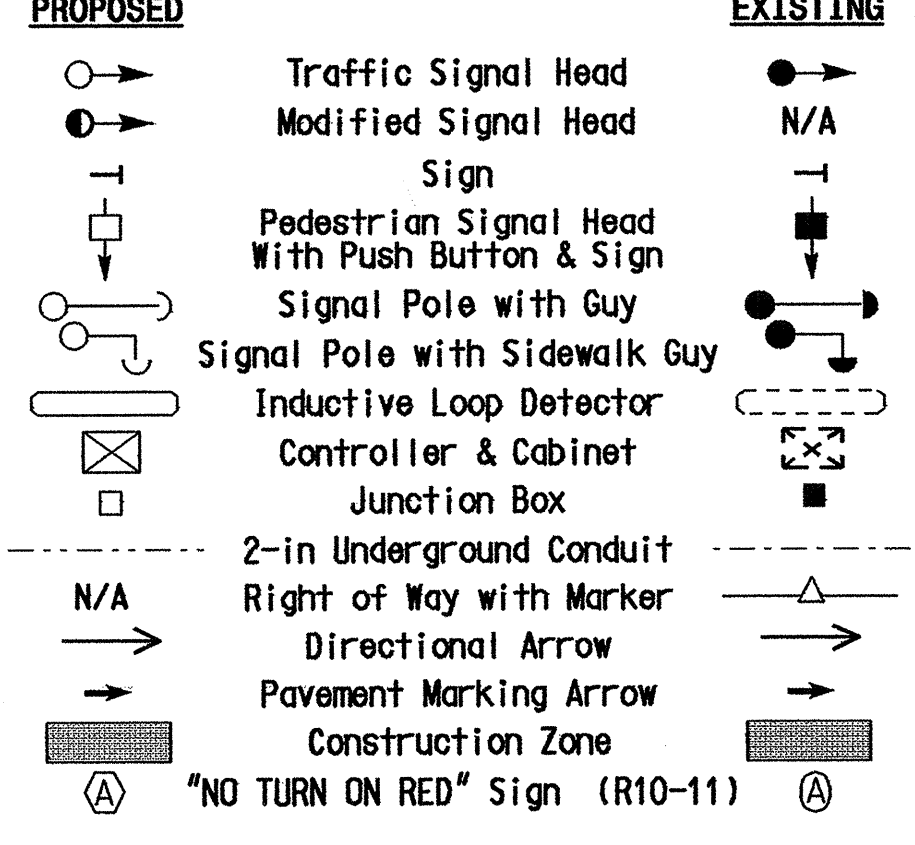
Pay Item	Feet
Signal Cable	0
Messenger Cable	120
Lead-in Cable	750



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	X	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



(Temporary Signal 3 - TCP Phase II)

Prepared in the Office of:

 NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 24393
 TIMOTHY J. WILLIAMS
 ENGINEER
 122 N. McDowell St., Raleigh, NC 27603
 SCALE: 1"=50'
 US 264 At SR 1315 (Swamp Road) and Bridges 52 and 54
 Division 1 Hyde County near Engelhard
 PLAN DATE: January 2004 REVIEWED BY:
 PREPARED BY: JGalloway REVIEWED BY:
 REVISIONS: INIT. DATE
 SIGNATURE: [Signature] DATE: 2/19/04
 SIG. INVENTORY NO. 01-0738 T3