

PHASING DIAGRAM

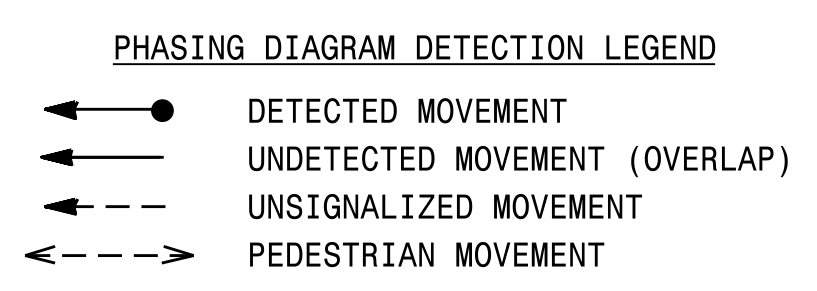
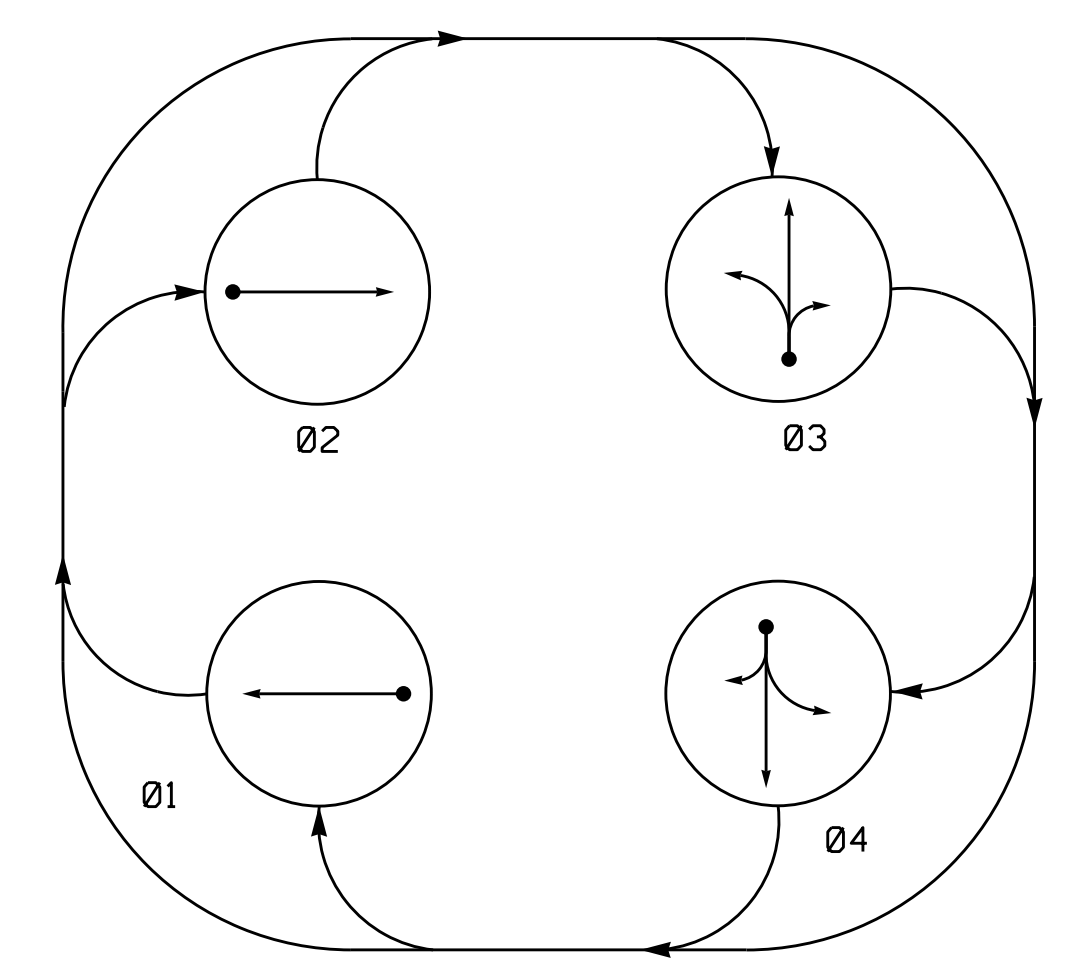
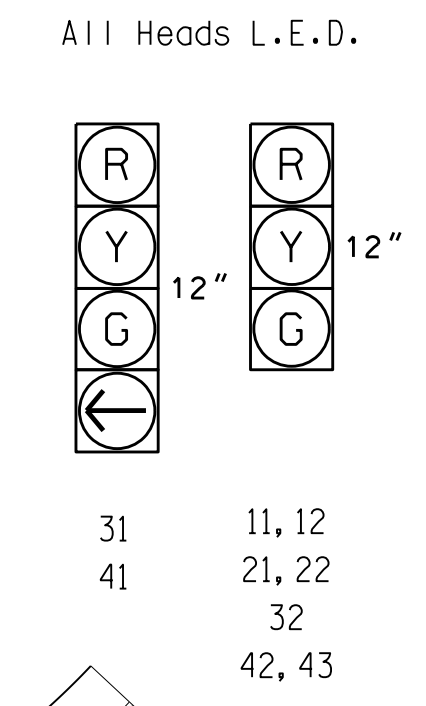


TABLE OF OPERATION

SIGNAL FACE	PHASE				
	01	02	03	04	FLASH
11, 12	G	R	R	R	R
21, 22	R	G	R	R	R
31	R	R	G	R	R
32	R	R	R	G	R
41	R	R	R	G	R
42, 43	R	R	R	G	R

SIGNAL FACE I.D.



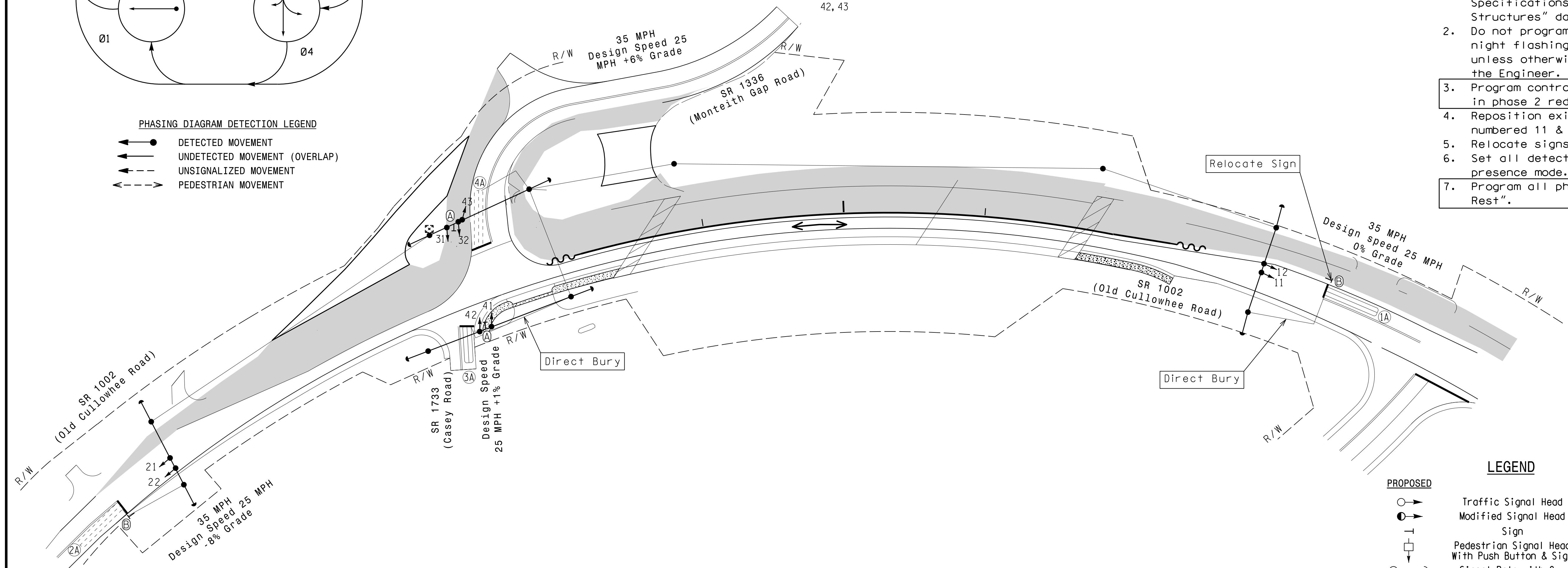
OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	DETECTOR PROGRAMMING								
				NEW LOOP	PHASE	CALLING	EXTENSION	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD	
1A	6X40	0	2-4-2	Y	1	Y	Y	-	-	-	-	-
2A	6X40	0	2-4-2	-	2	Y	Y	-	-	-	-	-
3A	6X25	0	2-4-2	Y	3	Y	Y	-	-	3	-	-
4A	6X40	0	2-4-2	-	4	Y	Y	-	-	3	-	-

4 Phase Fully Actuated Isolated

NOTES

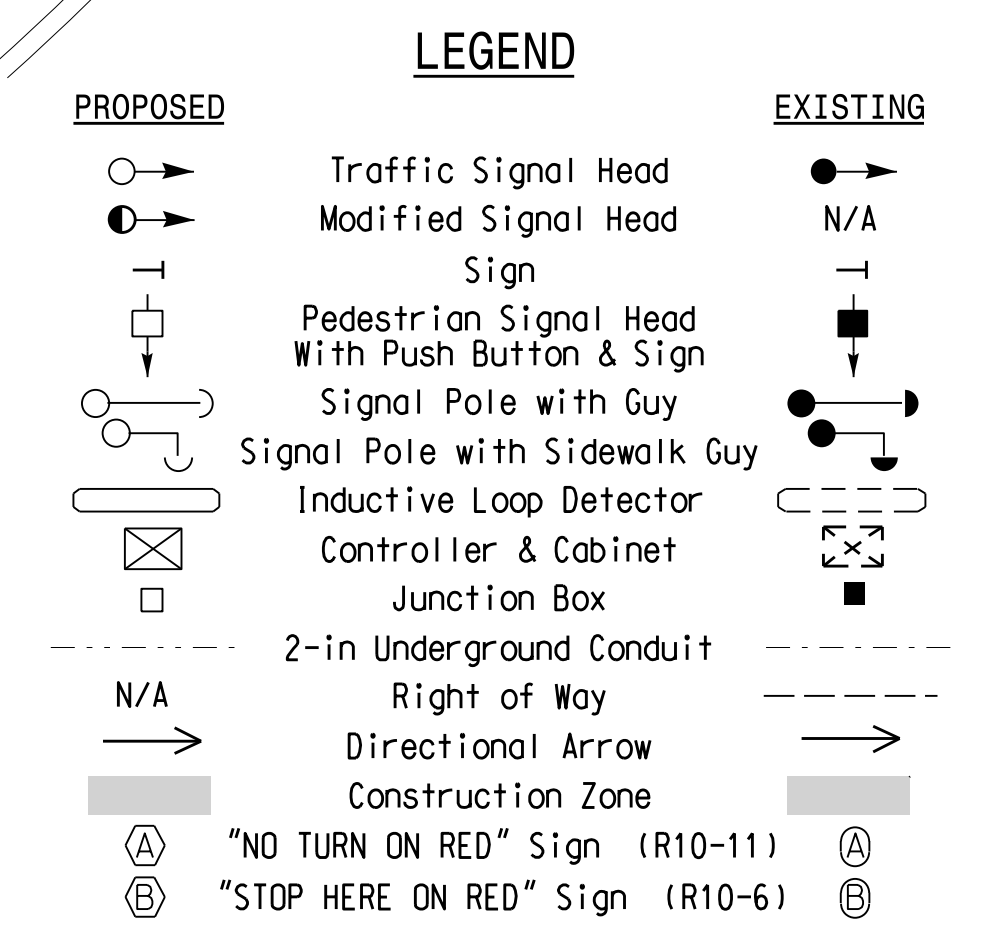
1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Program controller to start up in phase 2 red clearance.
4. Reposition existing signal heads numbered 11 & 12.
5. Relocate signs "B" as needed.
6. Set all detector units to presence mode.
7. Program all phases for "Red Rest".



OASIS 2070 TIMING CHART

FEATURE	PHASE			
	1	2	3	4
Min Green 1 *	10	10	10	10
Extension 1 *	3.0	3.0	3.0	3.0
Max Green 1 *	45	45	20	30
Yellow Clearance	3.2	3.7	3.0	3.1
Red Clearance	25.0	25.0	18.0	17.0
Red Revert	2.0	2.0	2.0	2.0
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	YELLOW	YELLOW	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 phases should not be lower than 4 seconds.



Signal Upgrade - Temporary Design (TCP-Phase III)

SR 1002 (Old Cullowhee Road) at SR 1336 (Monteith Gap Road) / SR 1733 (Casey Road)

Division 14 Jackson County Cullowhee

PLAN DATE: July 2014 REVIEWED BY: T. Williams

PREPARED BY: M. Mahbooba REVIEWED BY:

SEAL

THOMAS J. WILLIAMS

ENGINEER

24393

7/30/2014

SIG. INVENTORY NO. 14-0040 T2

750 N. Greenfield Pkwy, Garner, NC 27525

SCALE 0 40 1"=40'

30-JUL-2014 11:59
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