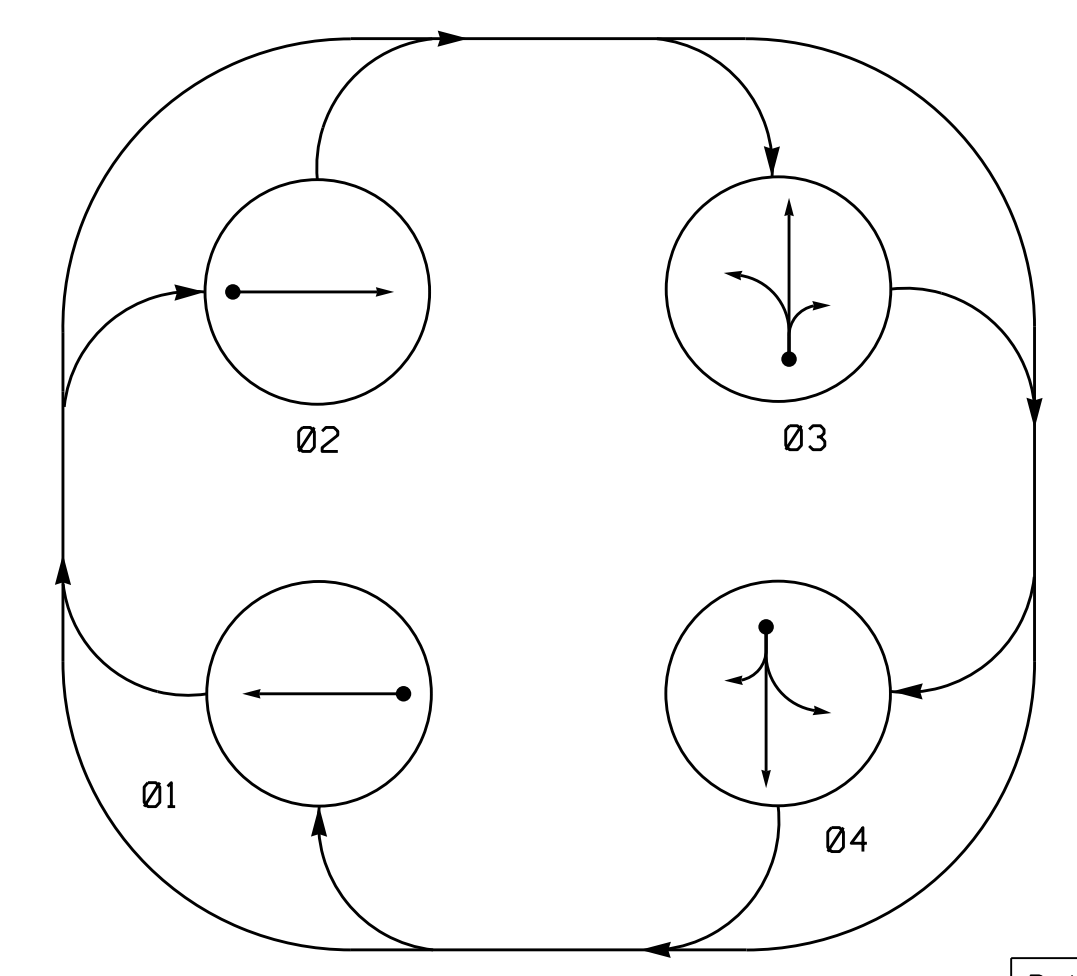


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

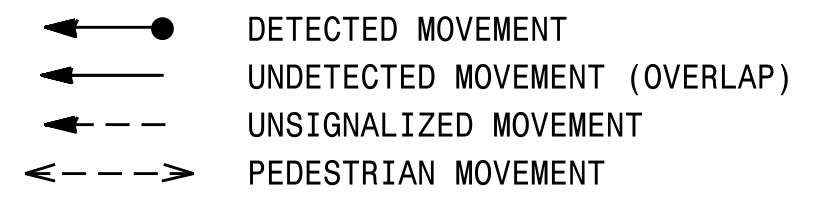
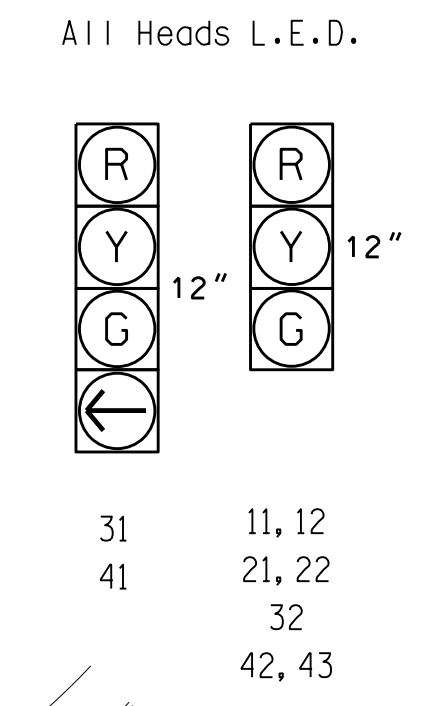


TABLE OF OPERATION

SIGNAL FACE	PHASE				
	Ø 1	Ø 2	Ø 3	Ø 4	FLTS
11, 12	G	R	R	R	R
21, 22	R	G	R	R	R
31	R	R	G	R	R
32	R	R	G	R	R
41	R	R	R	G	R
42, 43	R	R	R	G	R

SIGNAL FACE I.D.



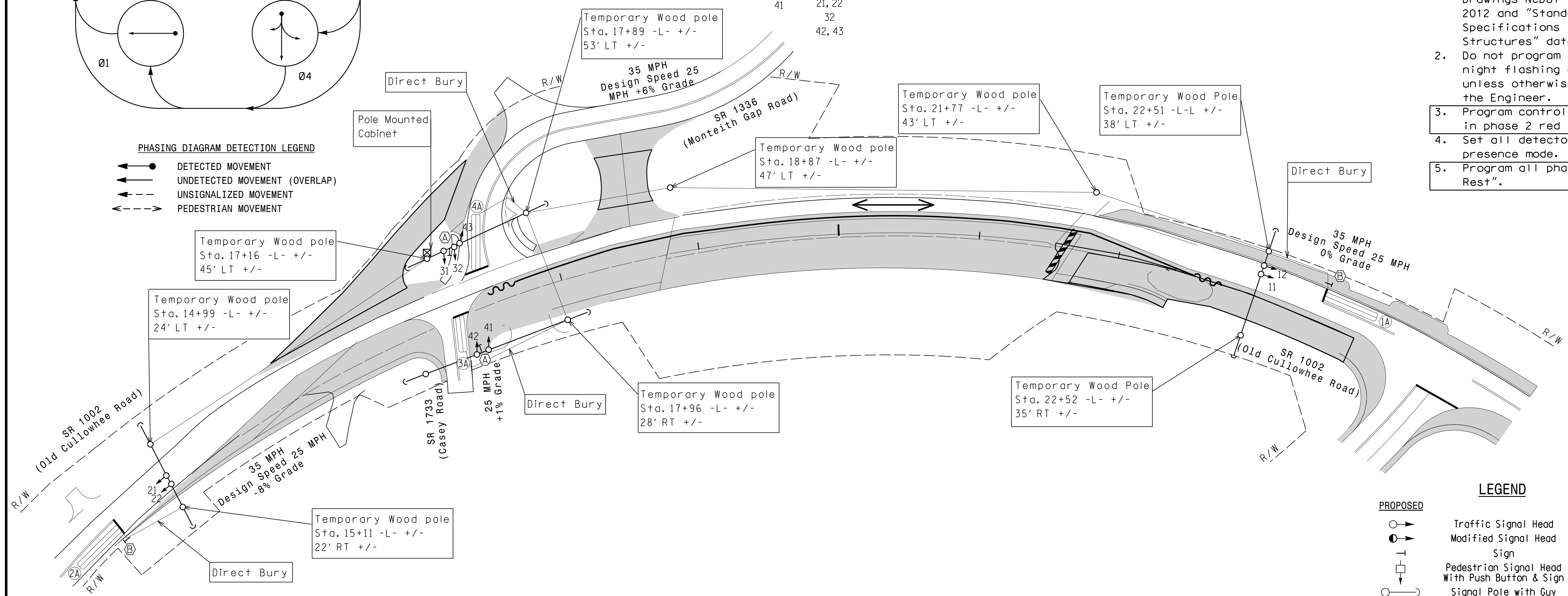
OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

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

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

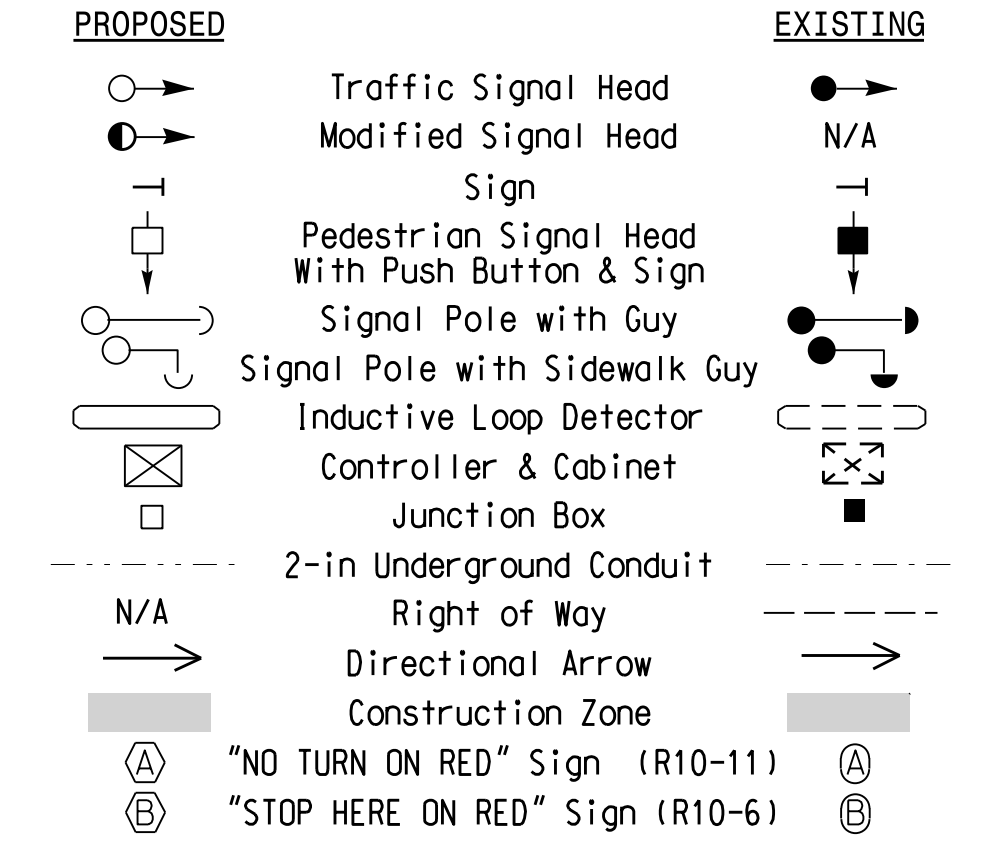


OASIS 2070 TIMING CHART

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	3.1	3.0
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.

LEGEND



New Installation - Temporary design (TCP-Phase II)

750 N. Greenfield Pkwy, Garner, NC 27529

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
NORTH CAROLINA
PROFESSIONAL
ENGINEER
24393
T. J. WILLIAMS

7/30/2014

SIG. INVENTORY NO. 14-0040 TI

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