

PHASING DIAGRAM

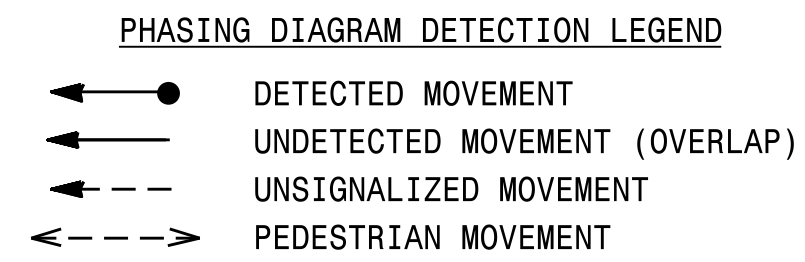
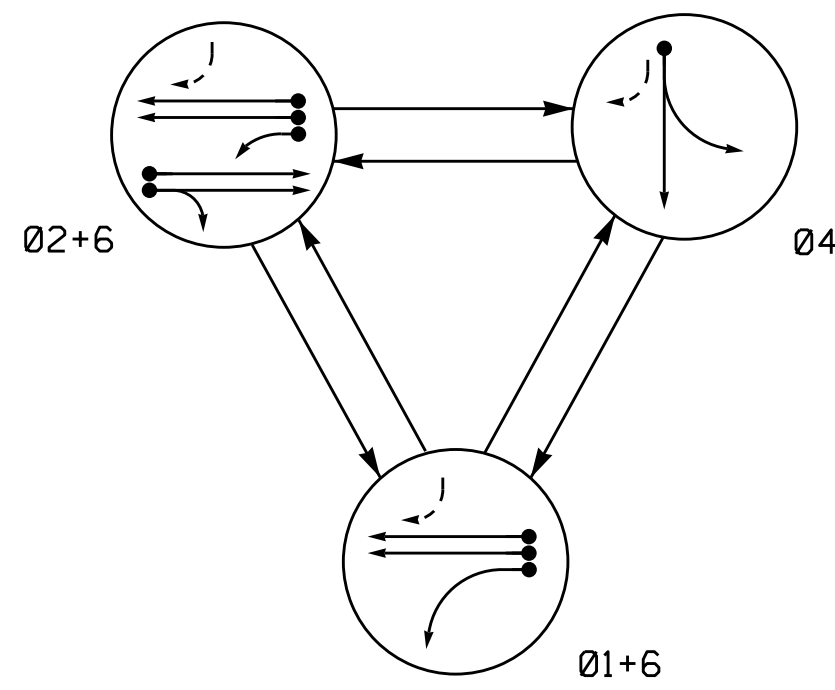
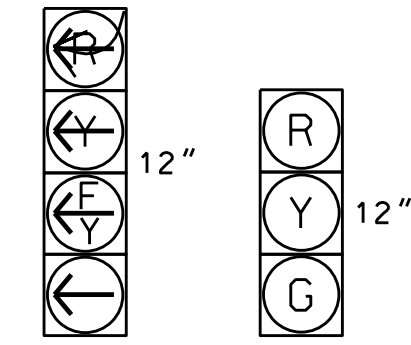


TABLE OF OPERATION

SIGNAL FACE	PHASE			
	Ø 1+6	Ø 2+6	Ø 4	F.L. GREEN
11	←	←	←	←
21, 22	R	G	R	Y
41, 42	R	R	G	R
61, 62	G	G	R	Y

SIGNAL FACE I.D.

All Heads L.E.D.



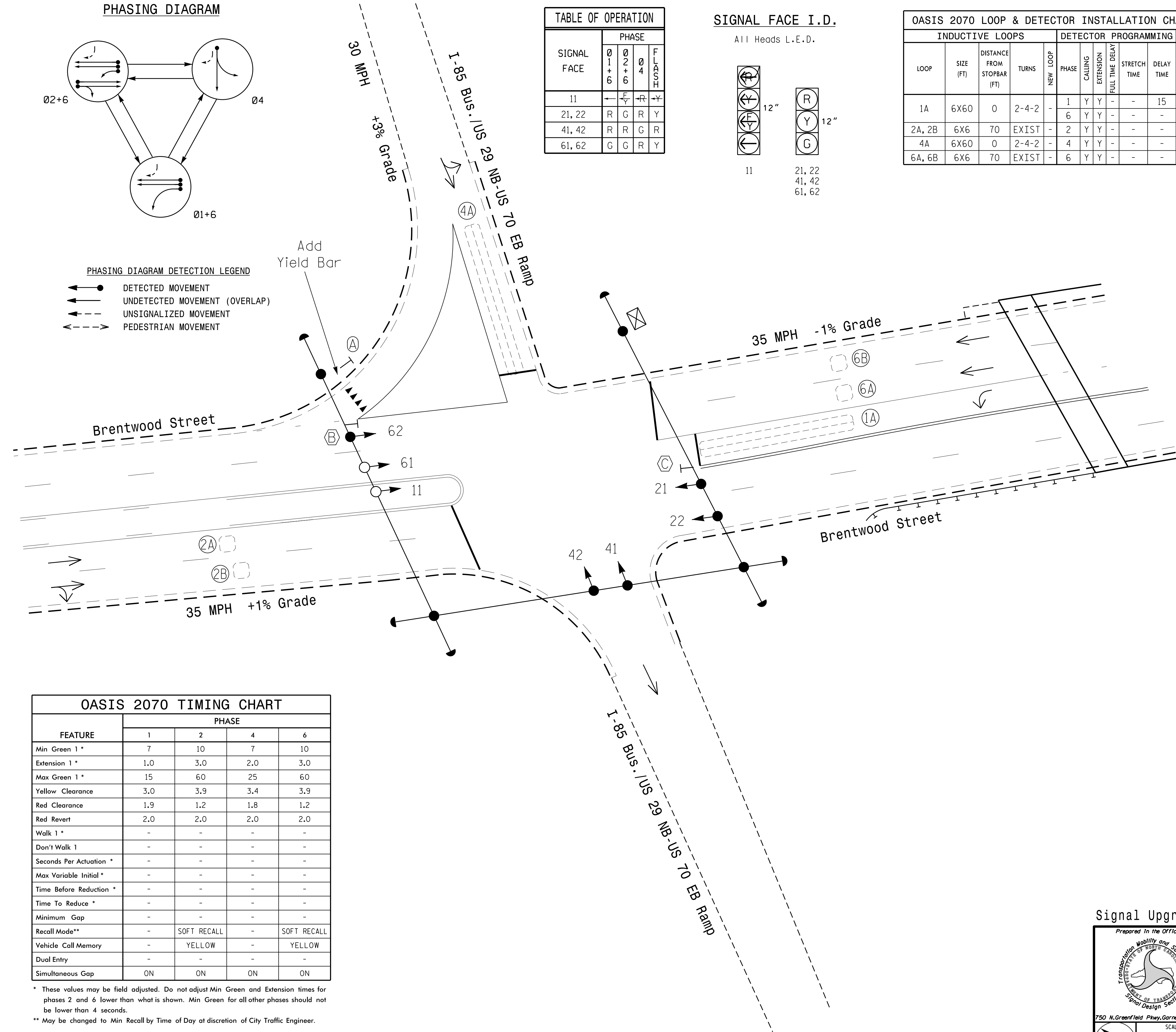
OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING				SYSTEM LOOP	NEW CARD	
					PHASE	CALLING	EXTENSION	STRETCH TIME			DELAY TIME
1A	6X60	0	2-4-2	-	1	Y	Y	-	15	-	Y
2A, 2B	6X6	70	EXIST	-	2	Y	Y	-	-	-	Y
4A	6X60	0	2-4-2	-	4	Y	Y	-	-	-	Y
6A, 6B	6X6	70	EXIST	-	6	Y	Y	-	-	-	Y

3 Phase Fully Actuated (High Point Signal System)

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Phase 1 may be lagged.
- Reposition existing signal head numbered 62.
- Set all detector units to presence mode.
- In the event of loop replacement, refer to the current ITS and Signals Design Manual and submit a Plan of Record to the Signal Design Section.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- Pavement markings are existing unless otherwise shown.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

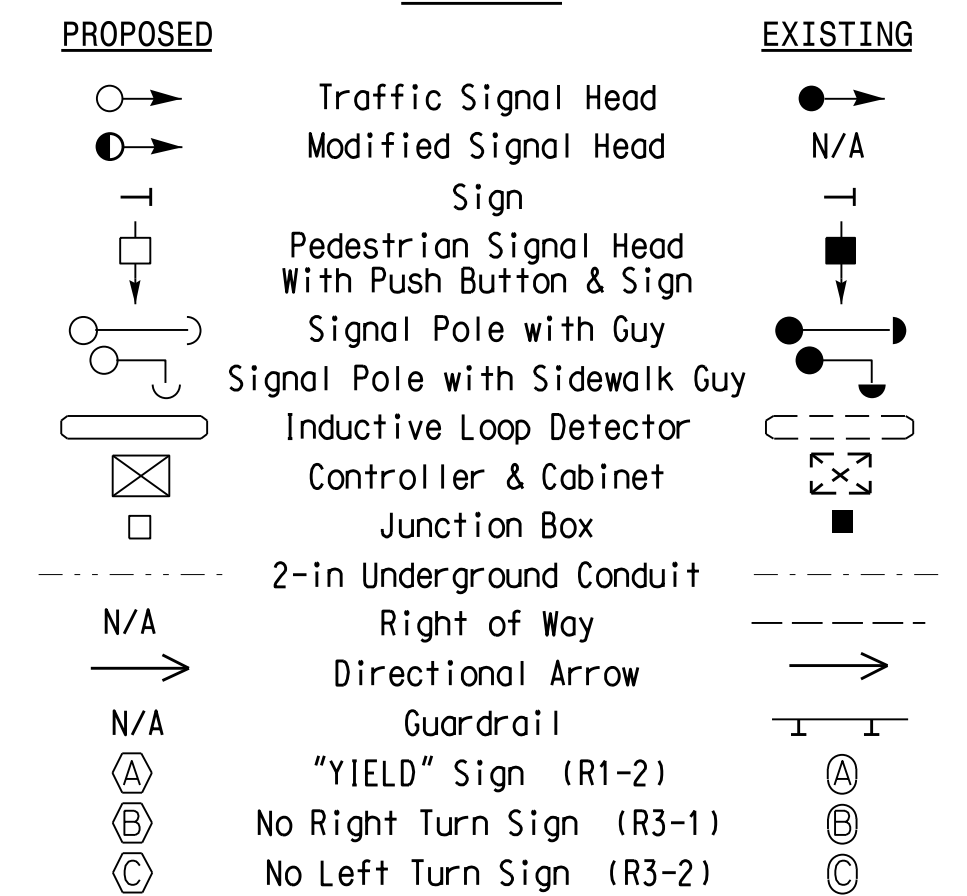


OASIS 2070 TIMING CHART

FEATURE	PHASE			
	1	2	4	6
Min Green 1 *	7	10	7	10
Extension 1 *	1.0	3.0	2.0	3.0
Max Green 1 *	15	60	25	60
Yellow Clearance	3.0	3.9	3.4	3.9
Red Clearance	1.9	1.2	1.8	1.2
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**	-	SOFT RECALL	-	SOFT RECALL
Vehicle Call Memory	-	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.
 ** May be changed to Min Recall by Time of Day at discretion of City Traffic Engineer.

LEGEND



Signal Upgrade

	<p>Brentwood Street at I-85 Bus./US 29 NB-US 70 EB Ramps</p>		
	<p>Division 7 Guilford County High Point</p> <p>PLAN DATE: February 2014 PREPARED BY: R.N. Zinser</p> <p>PREPARED BY: T. L. Averette REVIEWED BY:</p>	<p>REVISIONS</p> <p>INIT. DATE</p>	
<p>750 N. Greenfield Pkwy, Garner, NC 27529</p> <p>SCALE 0 20 1"=20'</p>	<p>SIG. INVENTORY NO. 07-0379</p>		<p>SEAL</p>

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