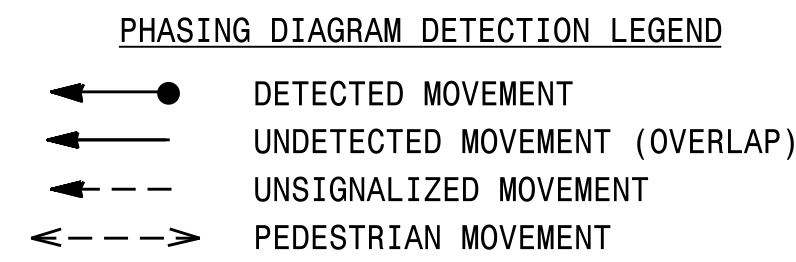
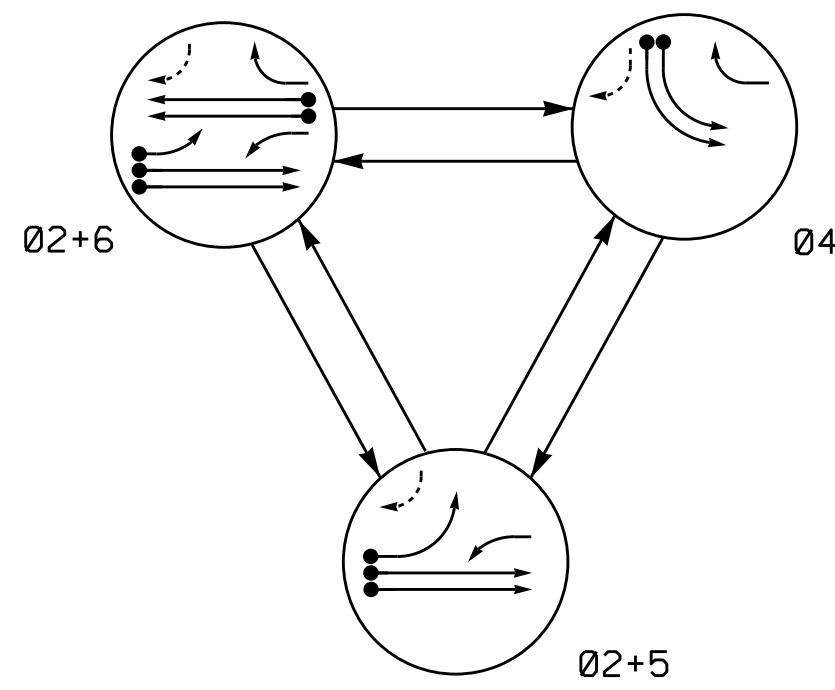


PHASING DIAGRAM



SIGNAL FACE	PHASE			
	Ø 2 + 5	Ø 2 + 6	Ø 4	Ø 2 + 5
22, 23	G	G	R	Y
41, 42	R	R	Y	Y
51	Y	Y	R	Y
61, 62	R	G	R	Y
63	R	G	R	Y
64	Y	Y	R	Y

OASIS 2070 LOOP & DETECTOR INSTALLATION CHART												
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING				STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
					PHASE	CALLING	EXTENSION	FULL TIME DELAY				
2A, 2B	6X6	70	EXIST	-	2	Y	Y	-	-	-	-	Y
4A, 4B	6X60	+5	EXIST	-	4	Y	Y	-	-	3	-	Y
5A	6X40	0	2-4-2	-	5	Y	Y	-	-	15	-	Y
6A, 6B	6X6	70	EXIST	-	6	Y	Y	-	-	-	-	Y
S1	6X6	+200	EXIST	-	-	-	-	-	-	-	-	Y
S2	6X6	+200	EXIST	-	-	-	-	-	-	-	-	Y

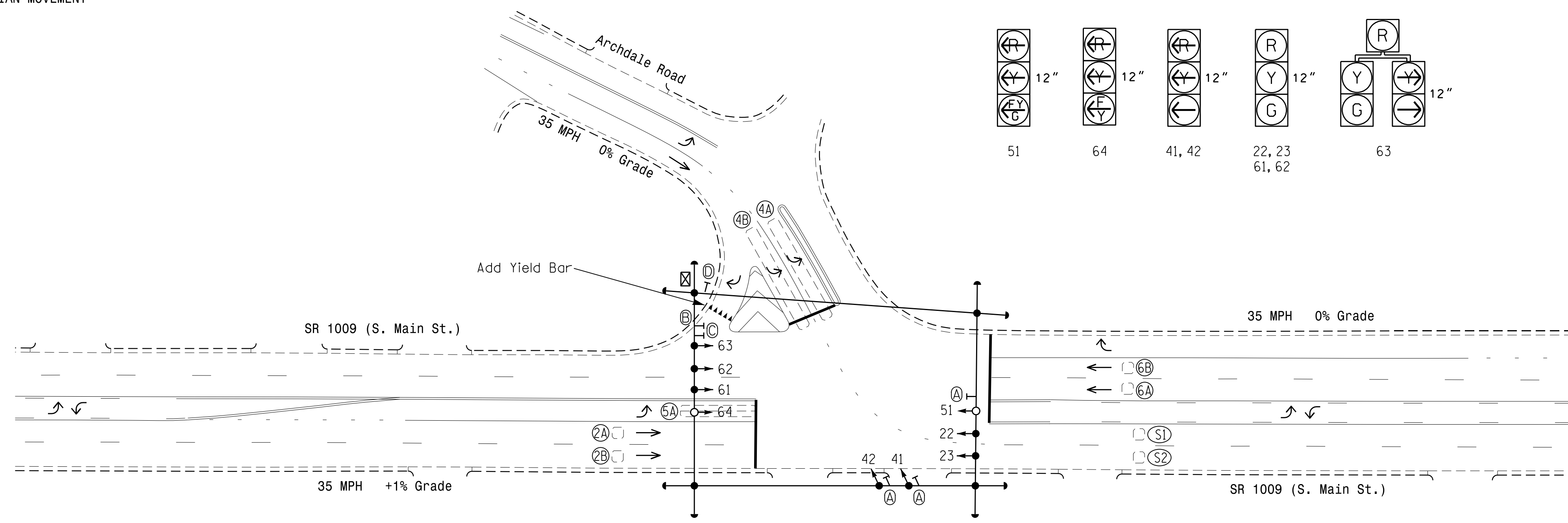
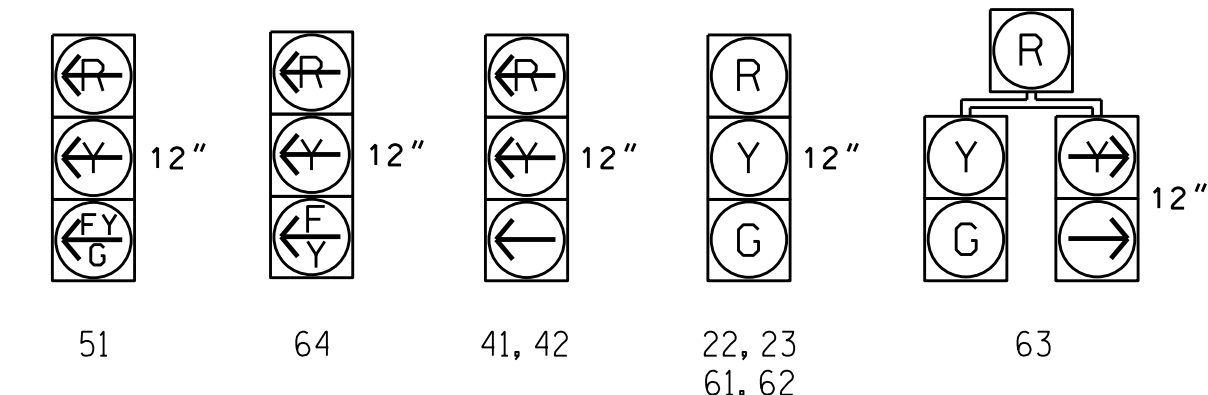
3 Phase Fully Actuated (High Point Signal System)

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 5 may be lagged.
- 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.
- Existing lane control signs may be removed at the direction of the Engineer.
- 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.

SIGNAL FACE I.D.

All Heads L.E.D.
 = Bimodal Section

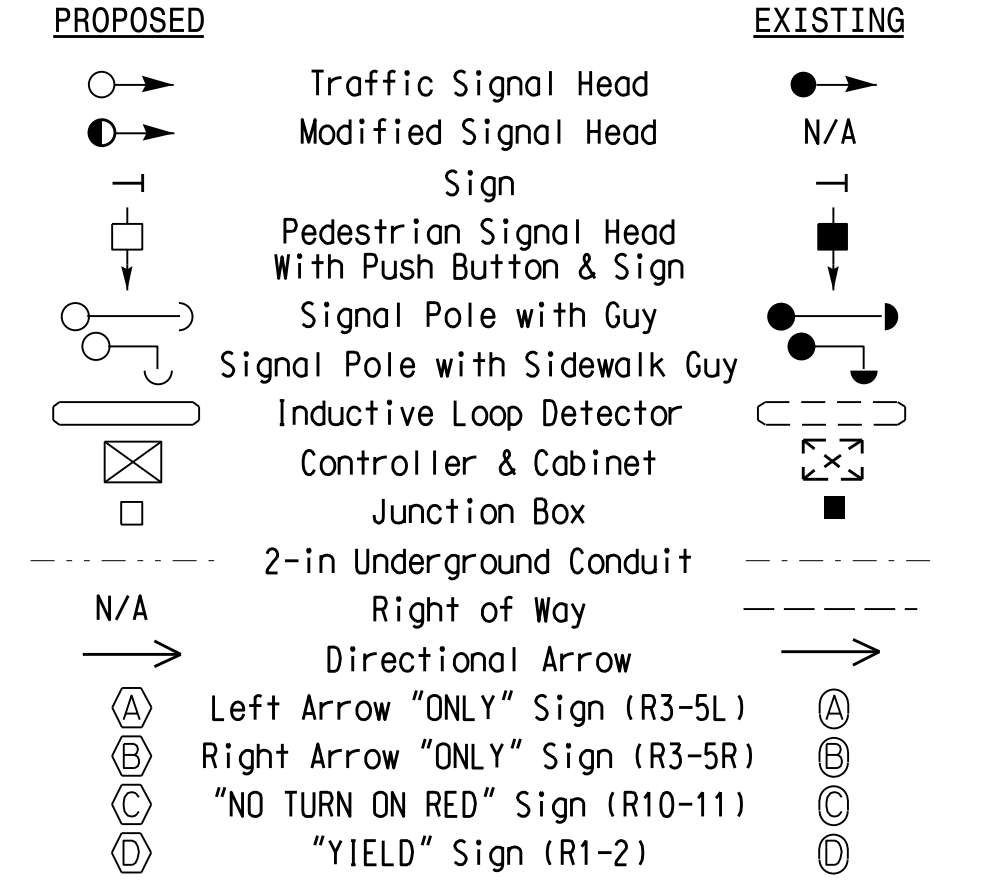


OASIS 2070 TIMING CHART

FEATURE	PHASE			
	2	4	5	6
Min Green 1 *	10	7	7	10
Extension 1 *	4.0	1.0	3.0	4.0
Max Green 1 *	60	25	15	60
Yellow Clearance	3.8	3.0	3.0	3.8
Red Clearance	2.4	3.5	2.6	2.4
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

	SR 1009 (S. Main St.) at Archdale Road		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 026486 ROBERT J. ZIEBBA
	Division 7 Guilford County High Point PLAN DATE: April 2014 REVIEWED BY: PREPARED BY: R.N. Zinser REVIEWED BY:	750 N. Greenfield Pkwy, Garner, NC 27529 SCALE 1"=40' DATE 3/17/2015 SIG. INVENTORY NO. 07-0208	

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 RZT/epo