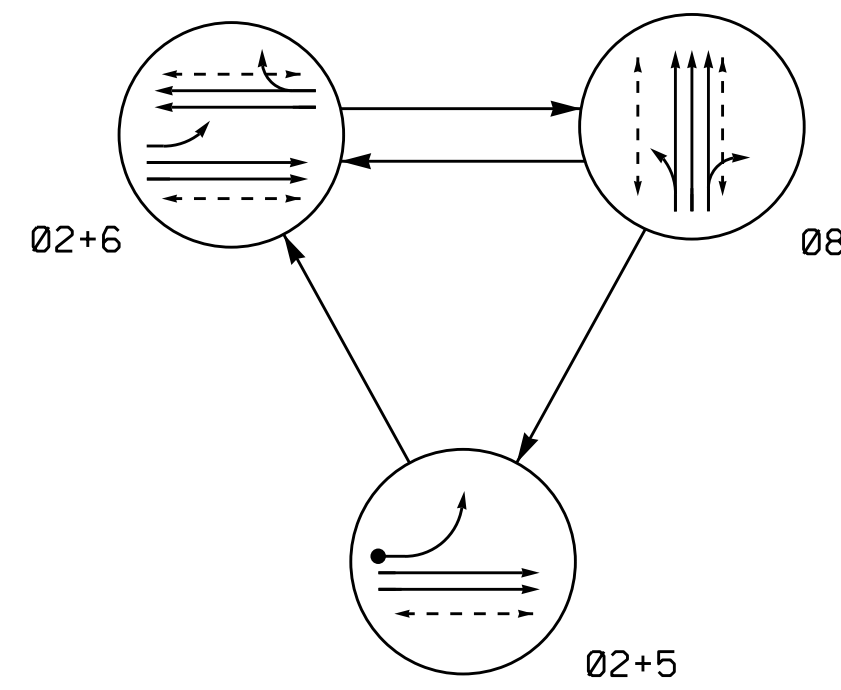


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

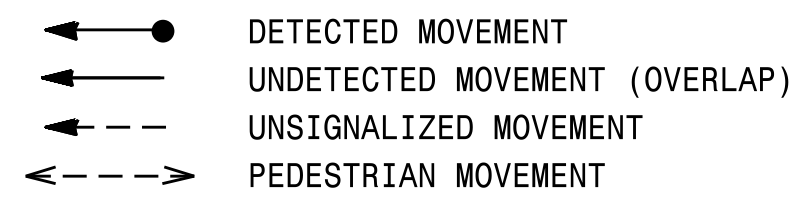


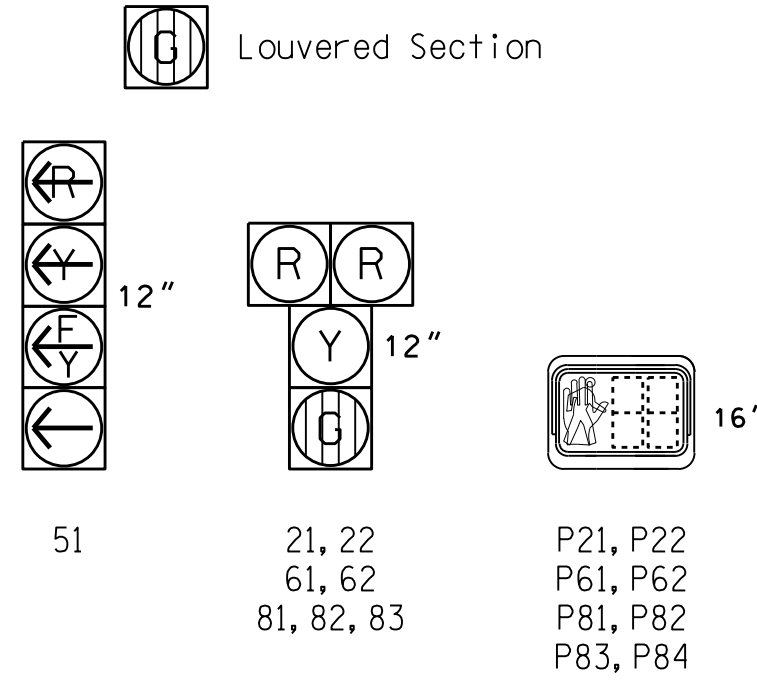
TABLE OF OPERATION

SIGNAL FACE	PHASE			
	02+6	08	08	FLASH
21, 22	G	G	R	Y
51	-	F	R	Y
61, 62	R	G	R	Y
81, 82, 83	R	R	G	R
P21, P22	W	W	DW	DRK
P61, P62	DW	W	DW	DRK
P81, P82	DW	DW	W	DRK
P83, P84	DW	DW	W	DRK

W - Walk
DW - Don't Walk
DRK - Dark

SIGNAL FACE I.D.

All Heads L.E.D.



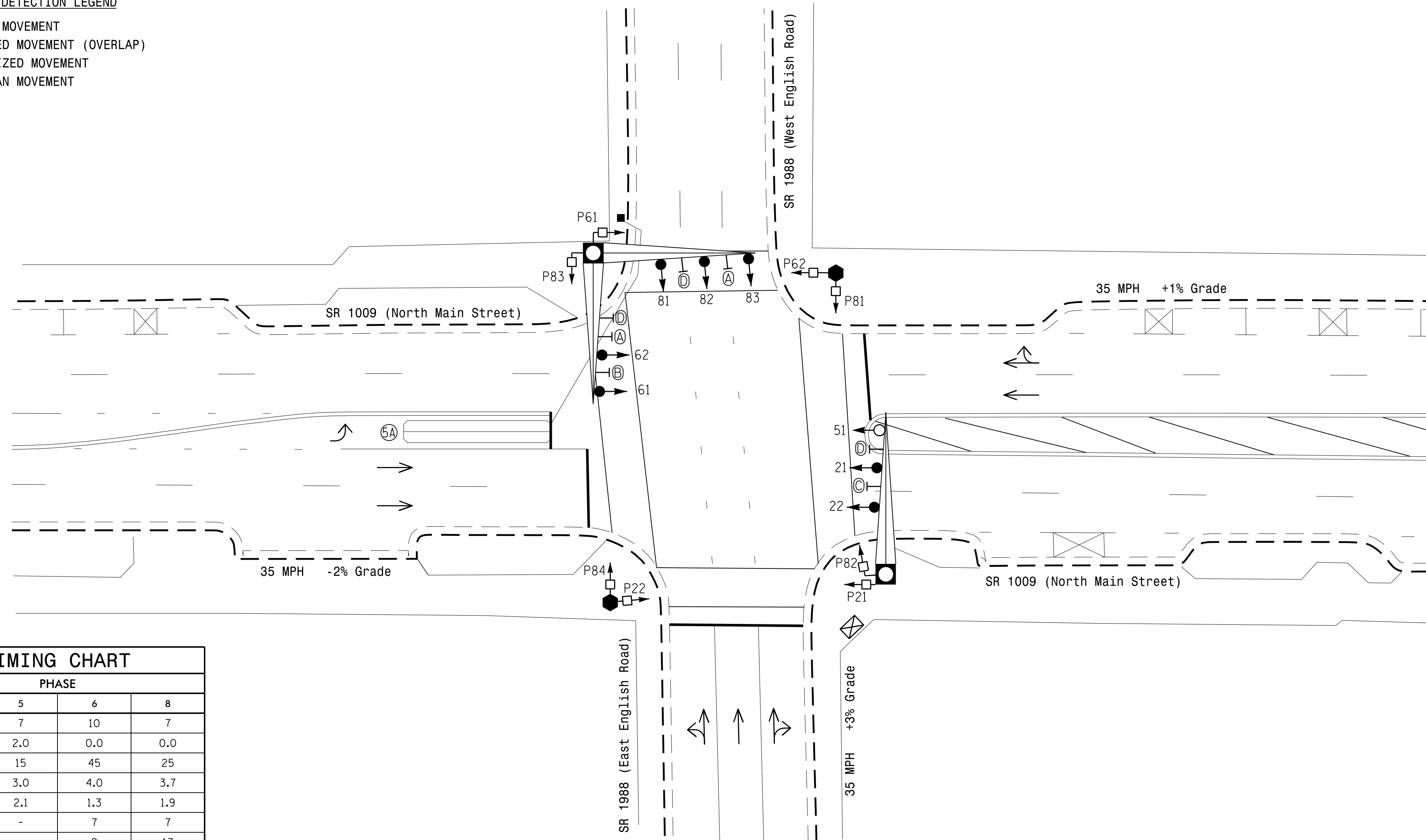
OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING				LOOP SYSTEM	NEW CARD	
					PHASE	CALLING	EXTENSION	STRETCH TIME			DELAY TIME
5A	6X40	0	2-4-2	Y	5	Y	Y	-	15	-	Y

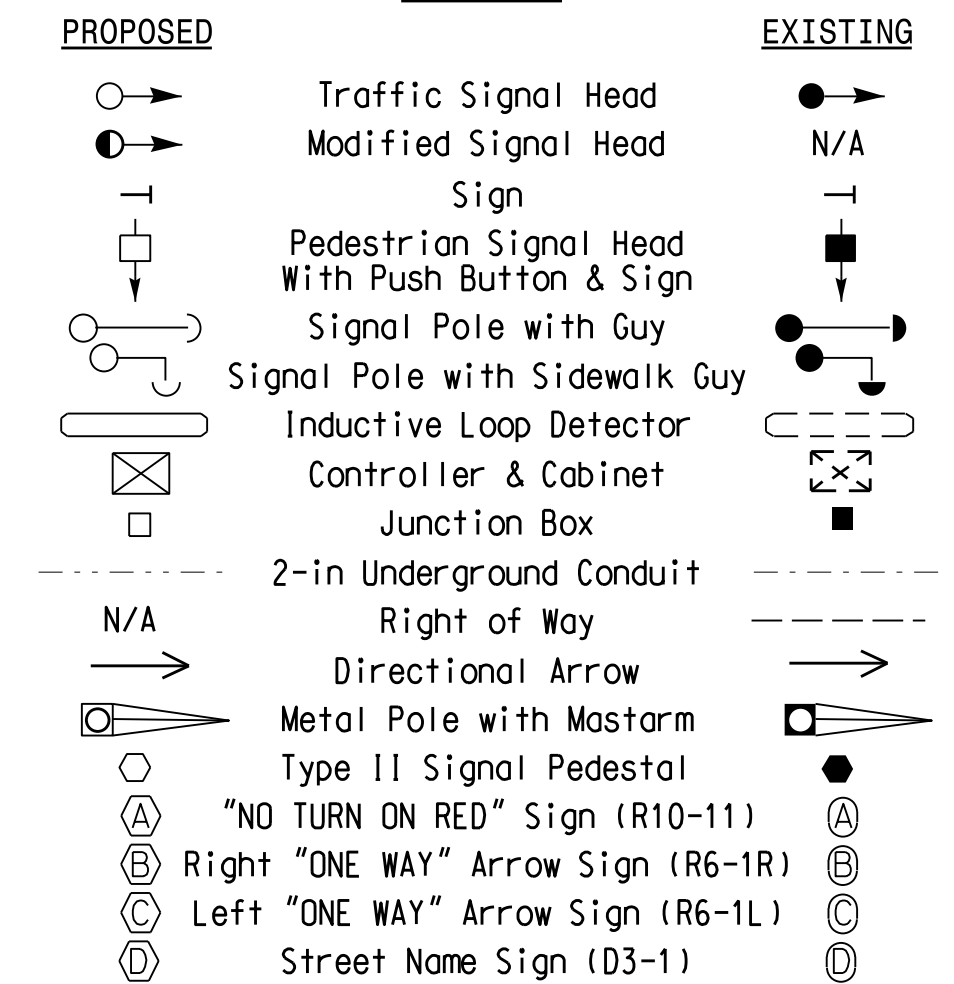
3 Phase Semi-Actuated (High Point Signal System)

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.
- Renumber existing signal phases and heads as shown.
- Set all detector units to presence mode.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- Program pedestrian heads to countdown the flashing "Don't Walk" time only.
- Pavement markings are existing.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- Run new lead-in cable using existing conduit system.



LEGEND



OASIS 2070 TIMING CHART

FEATURE	PHASE			
	2	5	6	8
Min Green 1 *	10	7	10	7
Extension 1 *	0.0	2.0	0.0	0.0
Max Green 1 *	45	15	45	25
Yellow Clearance	4.0	3.0	4.0	3.7
Red Clearance	1.3	2.1	1.3	1.9
Walk 1 *	7	-	7	7
Don't Walk 1	9	-	9	17
Seconds Per Actuation *	-	-	-	-
Max Variable Initial *	-	-	-	-
Time Before Reduction *	-	-	-	-
Time To Reduce *	-	-	-	-
Minimum Gap	-	-	-	-
Recall Mode	MAX/PED RECALL	-	MAX/PED RECALL	MAX/PED RECALL
Vehicle Call Memory	-	-	-	-
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

750 N. Greenfield Pkwy, Garner, NC 27529

SR 1009 (North Main Street) at SR 1988 (English Road)

Division 7 Guilford County High Point

PLAN DATE: July 2014 PREPARED BY: Jeff Spence

PREPARED BY: R.N. Zinser REVIEWED BY:

SEAL

REVISIONS	INIT.	DATE

DocuSigned by: Robert J. Ziebell

4/27/2015

SIG. INVENTORY NO. 07-0770

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