

PHASING DIAGRAM

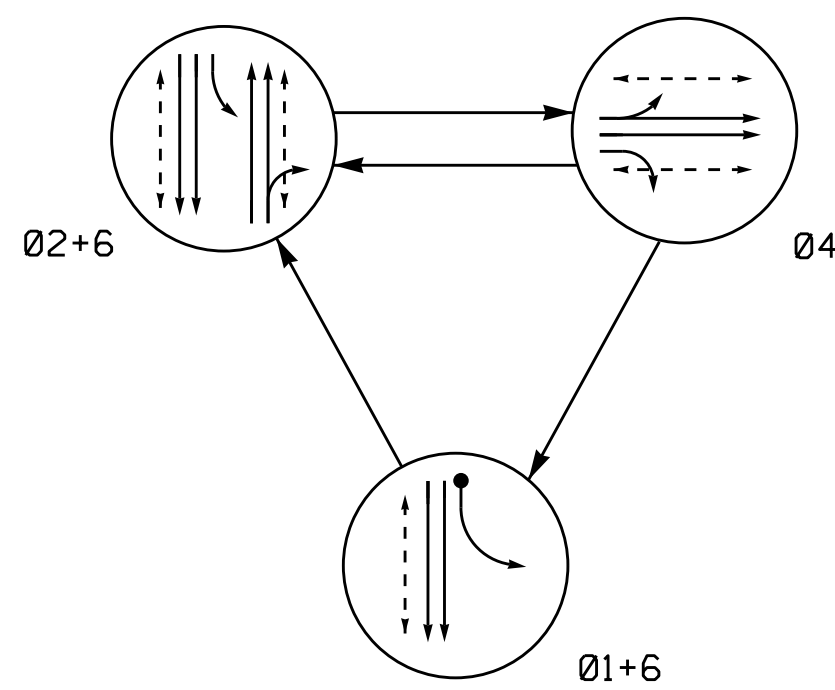


TABLE OF OPERATION

SIGNAL FACE	PHASE			
	01+6	02+6	04	F
11	←	←	←	←
21, 22	R	G	R	Y
41, 42, 43	R	R	G	R
61, 62	G	G	R	Y
P21, P22	DW	W	DW	DRK
P41, P42	DW	DW	W	DRK
P43, P44	DW	DW	W	DRK
P61, P62	W	W	DW	DRK

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

OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

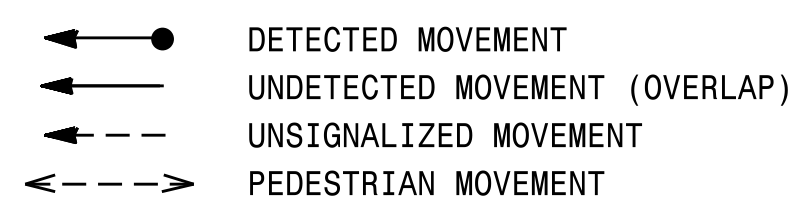
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING				SYSTEM LOOP	NEW CARD	
					PHASE	CALLING	EXTENSION	FULL TIME DELAY			
1A	6X40	0	2-4-2	-	1	Y	Y	-	15	-	Y
S1	6X6	+135	EXIST	-	-	-	-	-	-	-	Y
S2	6X6	+135	EXIST	-	-	-	-	-	-	-	Y
S3	6X6	+120	EXIST	-	-	-	-	-	-	-	Y
S4	6X6	+120	EXIST	-	-	-	-	-	-	-	Y

3 Phase Semi-Actuated (High Point Signal System)

NOTES

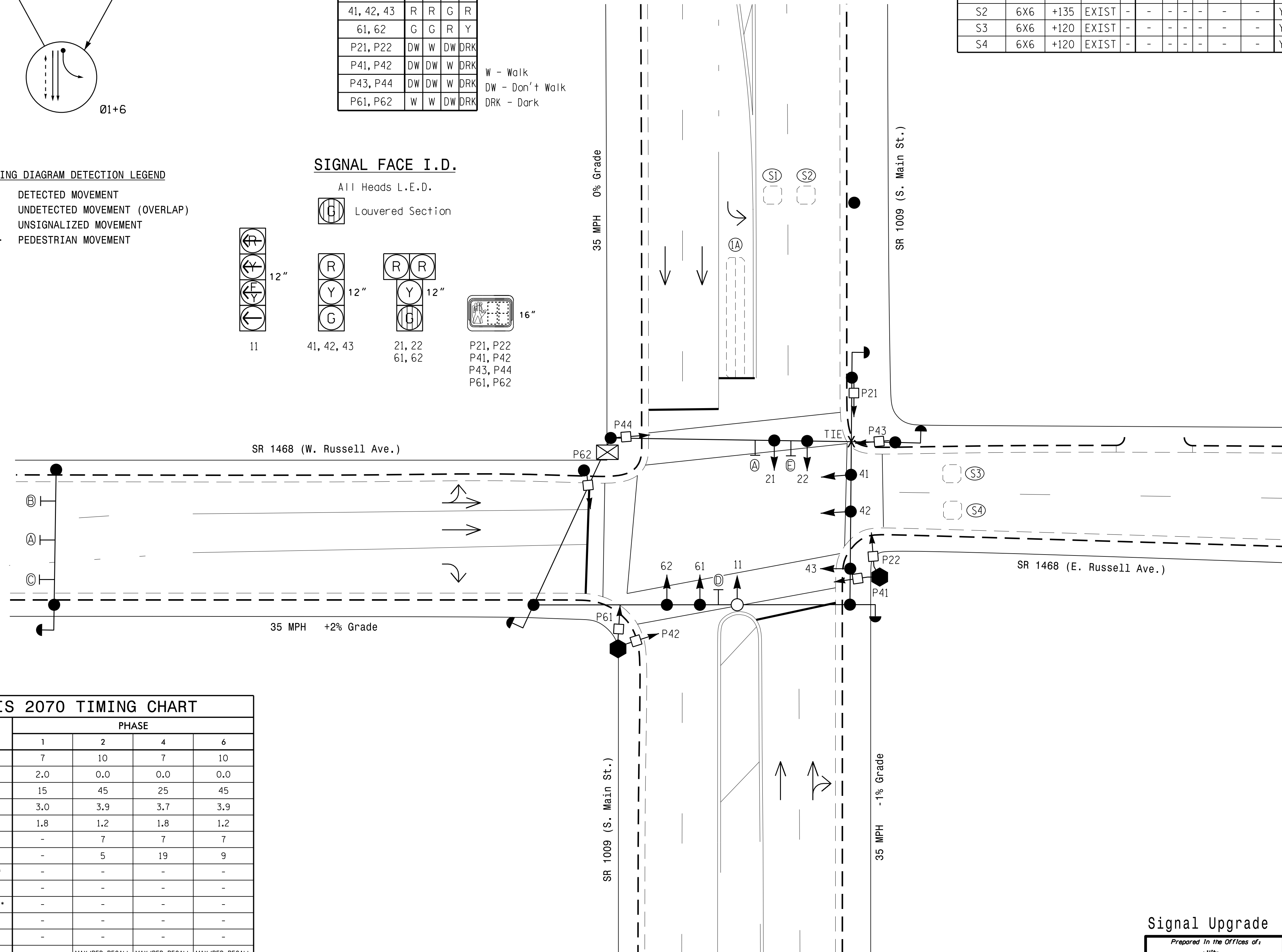
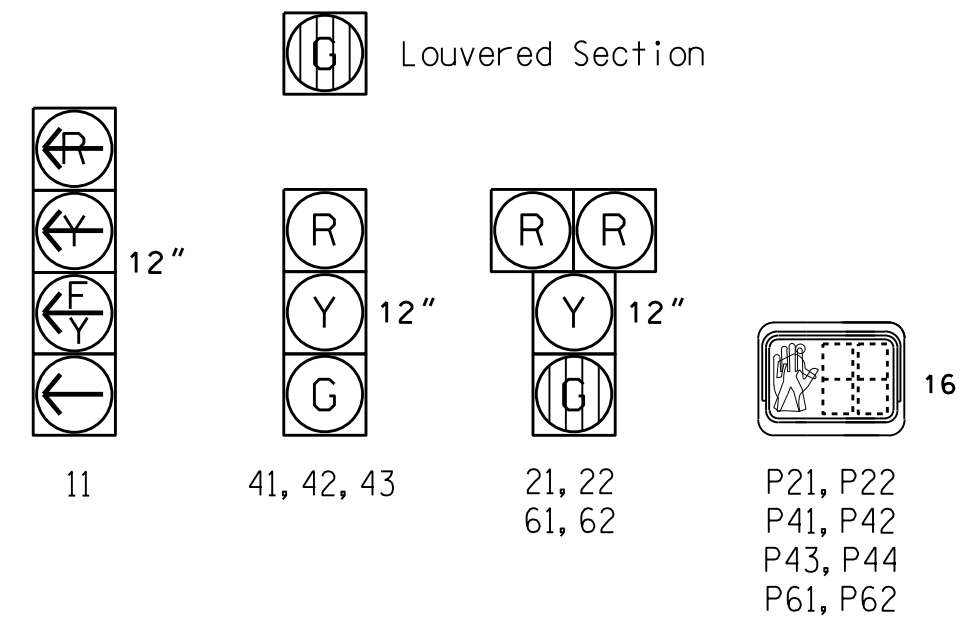
- Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Phase 1 may be lagged.
- Set all detector units to presence 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.
- Existing lane control signs may be removed at the direction of the Engineer.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

PHASING DIAGRAM DETECTION LEGEND



SIGNAL FACE I.D.

All Heads L.E.D.

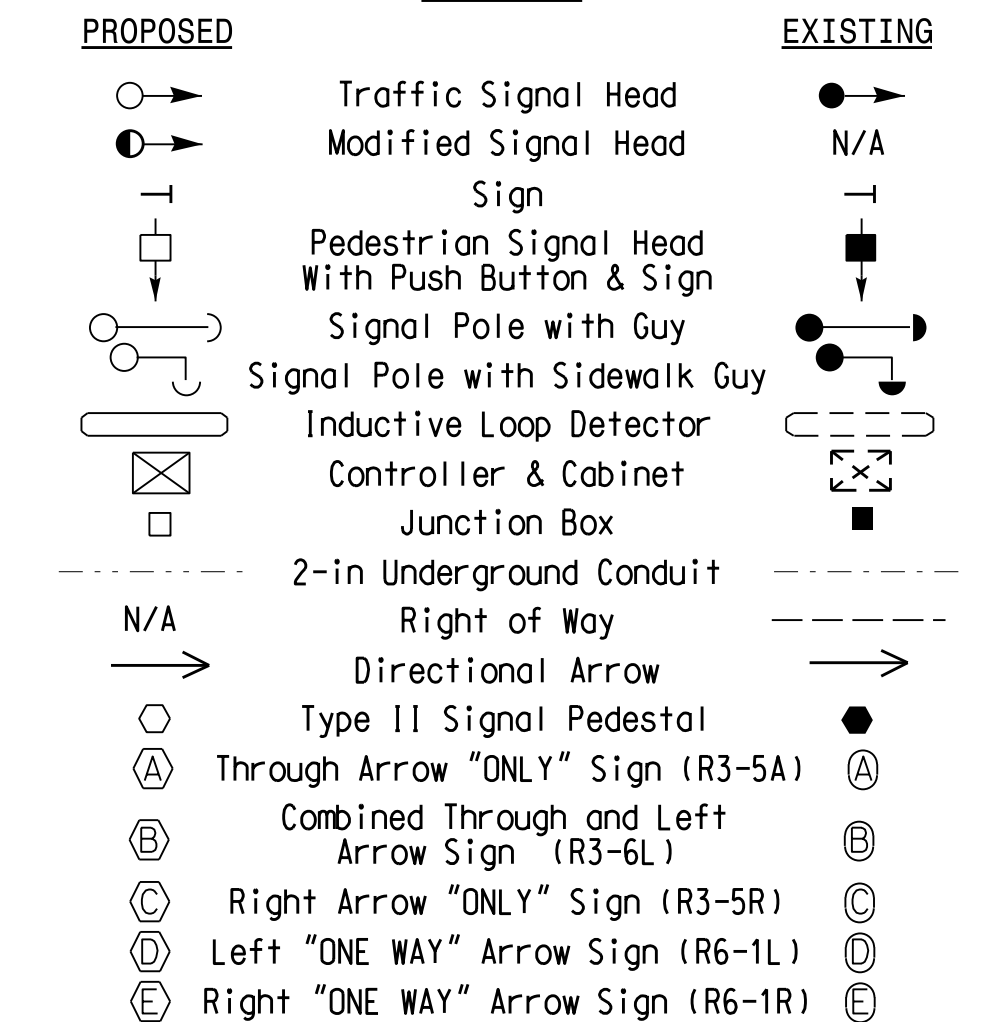


OASIS 2070 TIMING CHART

FEATURE	PHASE			
	1	2	4	6
Min Green 1 *	7	10	7	10
Extension 1 *	2.0	0.0	0.0	0.0
Max Green 1 *	15	45	25	45
Yellow Clearance	3.0	3.9	3.7	3.9
Red Clearance	1.8	1.2	1.8	1.2
Walk 1 *	-	7	7	7
Don't Walk 1	-	5	19	9
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.

LEGEND



Signal Upgrade

750 N. Greenfield Pkwy, Garner, NC 27529

SR 1009 (S. Main Street) at SR 1468 (Russell Avenue)

Division 7 Guilford County High Point

PLAN DATE: December 2014 REVIEWED BY:

PREPARED BY: R.N. Zinser REVIEWED BY:

REVISIONS: INIT. DATE

SCALE: 0 20  
1"=20'

SEAL

4/27/2015

SIG. INVENTORY NO. 07-0288

27-Apr-2015 15:45  
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