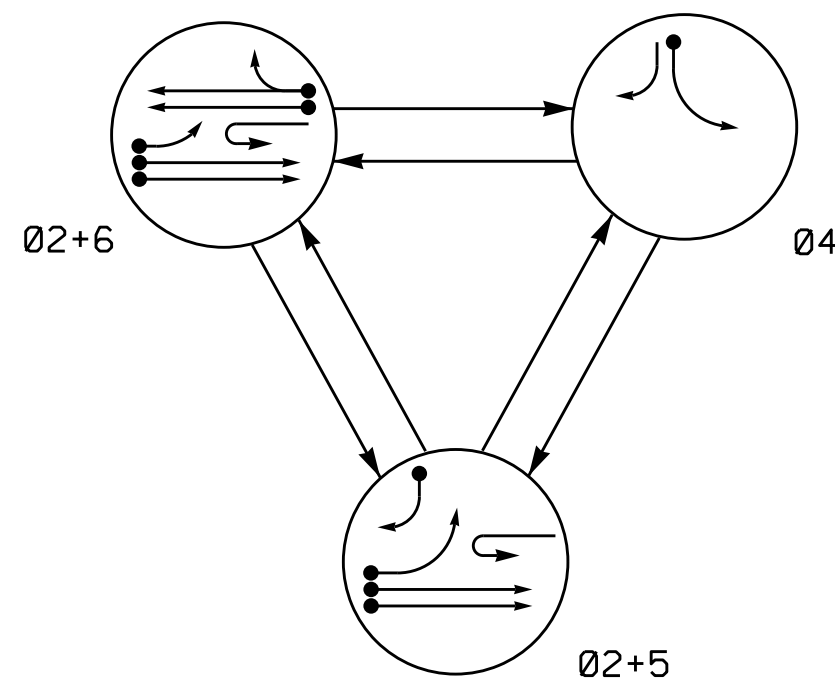
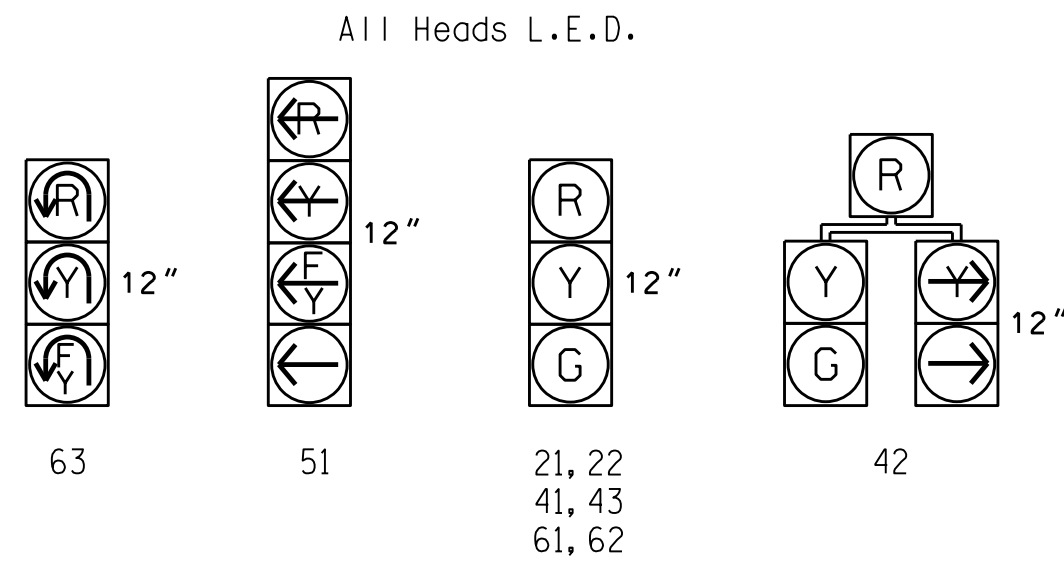


PHASING DIAGRAM



SIGNAL FACE	PHASE				
	02+5	02+6	04	F L S H	Y
21, 22	G	G	R	Y	
41, 43	R	R	G	R	
42	R	R	G	R	
51		F	R	Y	
61, 62	R	G	R	Y	
63	F	F	R	Y	

SIGNAL FACE I.D.



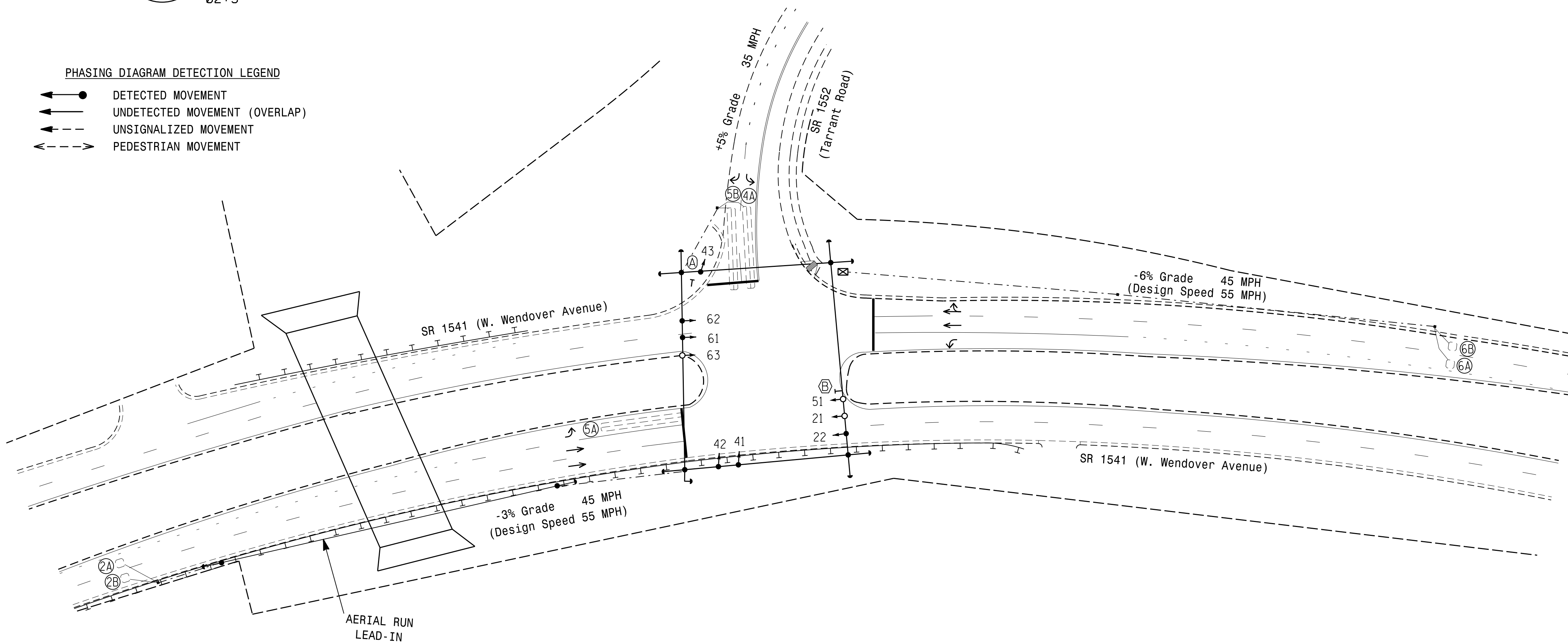
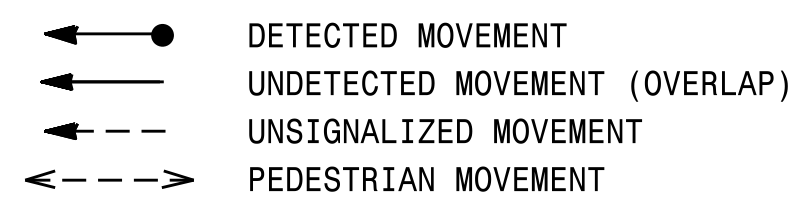
OASIS 2070 LOOP & DETECTOR INSTALLATION CHART												
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING							
					PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
2A, 2B	6X6	420	5	-	2	Y	Y	-	-	-	-	Y
4A	6X60	+5	2-4-2	-	4	Y	Y	-	-	-	-	Y
5A	6X60	0	2-4-2	-	5	Y	Y	-	-	15	-	Y
5B	6X60	+5	2-4-2	-	2	Y	Y	Y	-	-	3	-
6A, 6B	6X6	420	5	-	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 5 may be lagged.
- Reposition existing signal heads numbered 22.
- 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.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

PHASING DIAGRAM DETECTION LEGEND

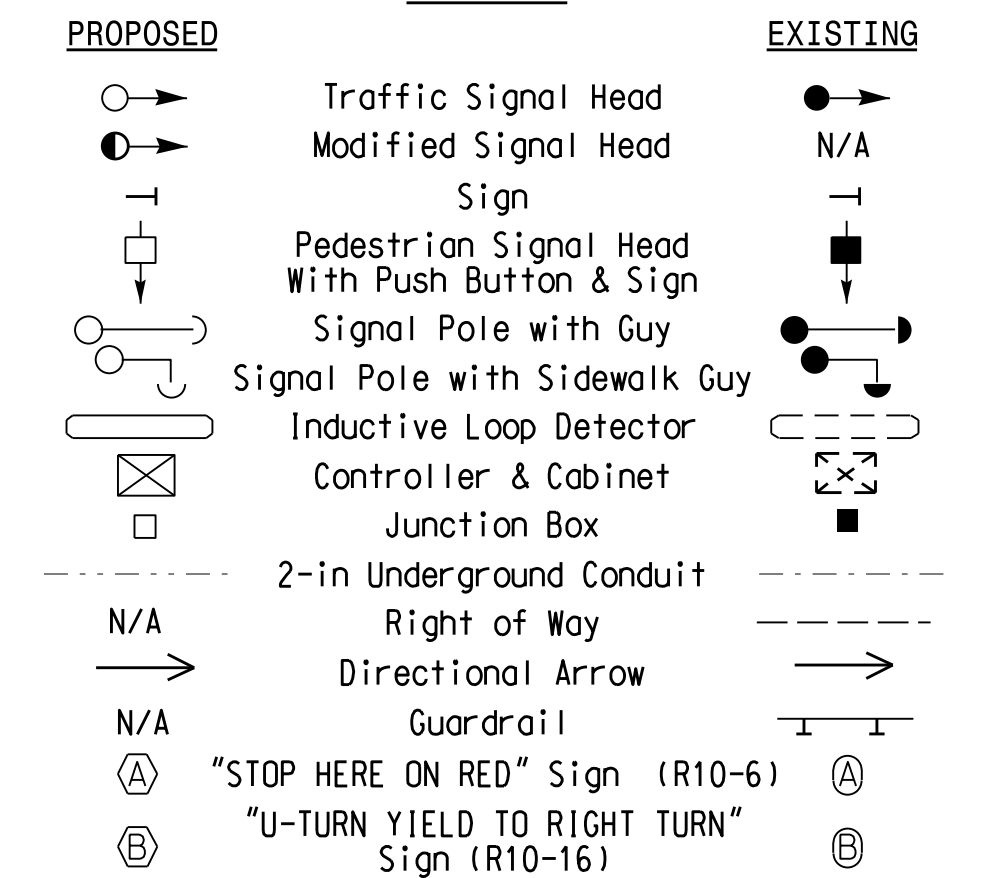


OASIS 2070 TIMING CHART

FEATURE	PHASE			
	2	4	5	6
Min Green 1 *	14	7	7	14
Extension 1 *	6.0	1.0	1.0	6.0
Max Green 1 *	90	25	20	90
Yellow Clearance	5.9	3.0	3.0	5.9
Red Clearance	1.4	3.3	3.5	1.4
Red Revert	2.0	2.0	2.0	2.0
Walk 1 *	-	-	-	-
Don't Walk 1	-	-	-	-
Seconds Per Actuation *	1.5	-	-	1.5
Max Variable Initial *	46	-	-	46
Time Before Reduction *	15	-	-	15
Time To Reduce *	45	-	-	45
Minimum Gap	3.4	-	-	3.4
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

Prepared in the Offices of:

 750 N. Greenfield Pkwy, Garner, NC 27529

SR 1541 (W. Wendover Avenue) at SR 1552 (Tarrant Road)

Division 7 Guilford County High Point
 PLAN DATE: May 2014 PREPARED BY: T. L. Averette
 PREPARED BY: L. Blount REVIEWED BY:

750 N. Greenfield Pkwy, Garner, NC 27529
 SCALE 0 50
 1"=50'

SEAL

 Robert J. Ziemba, Professional Engineer
 3/11/2015
 SIG. INVENTORY NO. 07-1441

13-MAY-2015 13:05
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