

PHASING DIAGRAM

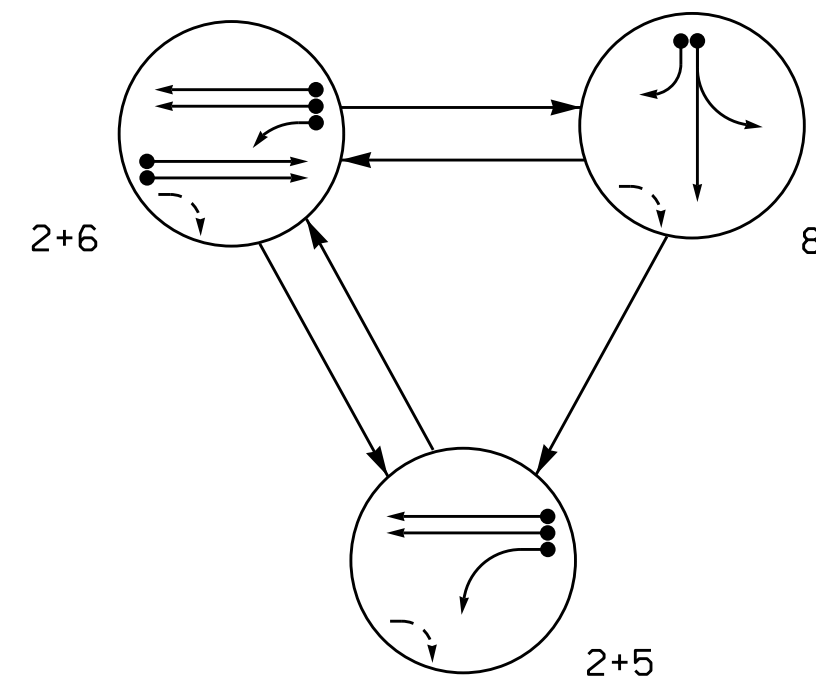
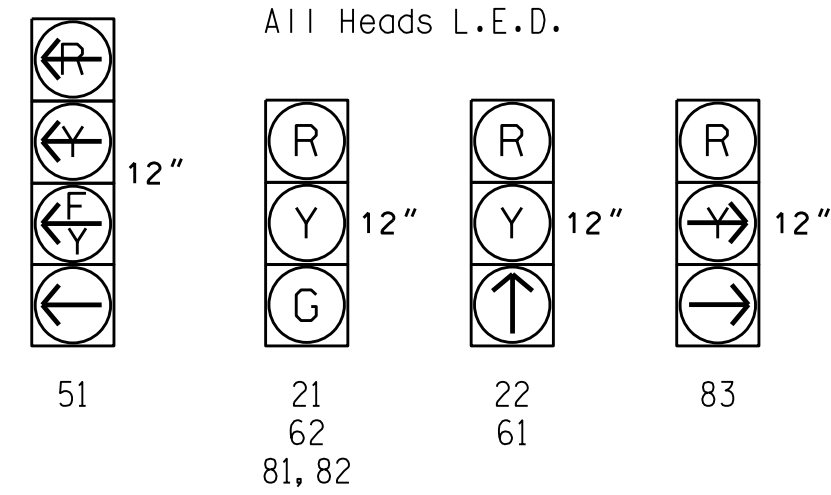


TABLE OF OPERATION				
SIGNAL FACE	PHASE			
	2 + 5	2 + 6	8	FLASH
21	G	G	R	R
22	↑	↑	R	R
51	←	←	R	R
61	R	↑	R	R
62	R	G	R	R
81, 82	R	R	G	R
83	R	R	→	R

SIGNAL FACE I.D.

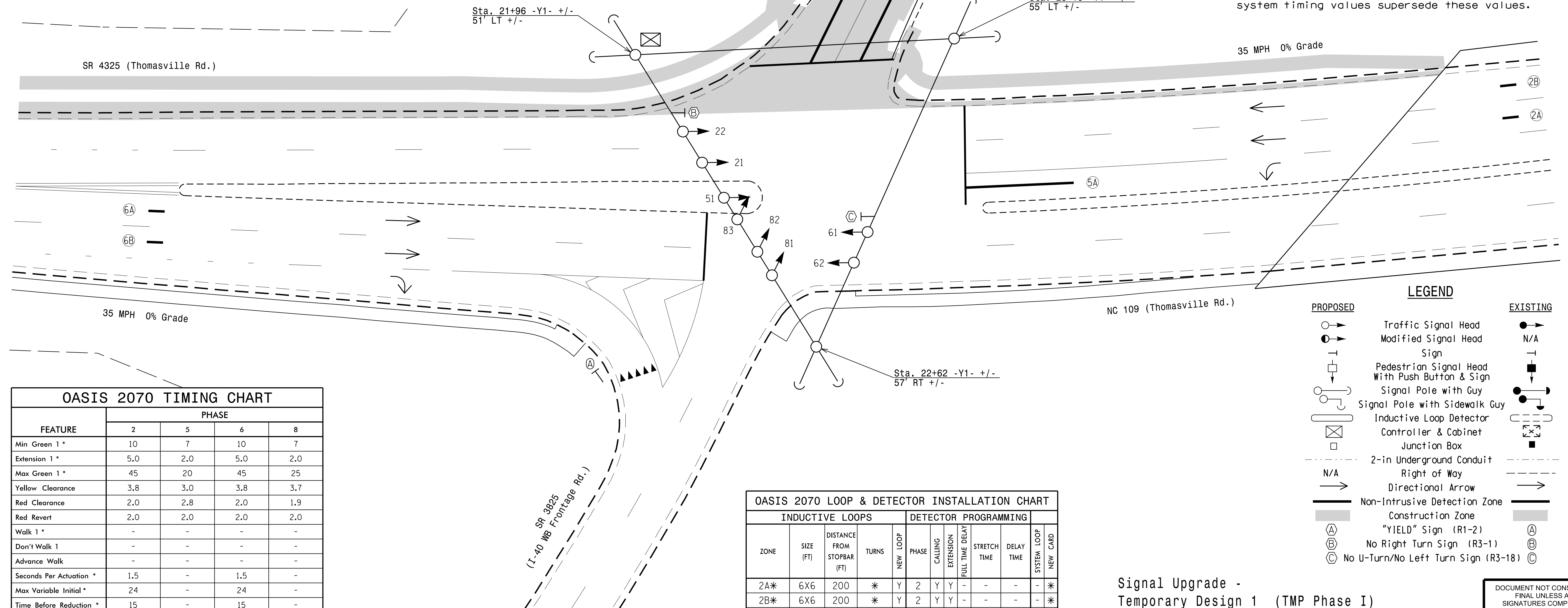
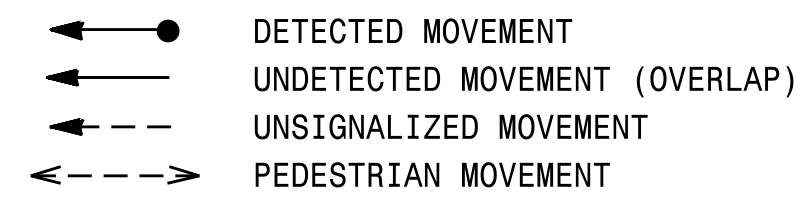


3 Phase
Fully Actuated
(Winston-Salem Signal System)

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications for Roads and Structures" dated January 2024.
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Phase 5 may be lagged.
4. Set all detector units to presence mode.
5. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
6. This intersection uses non-intrusive detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.
7. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

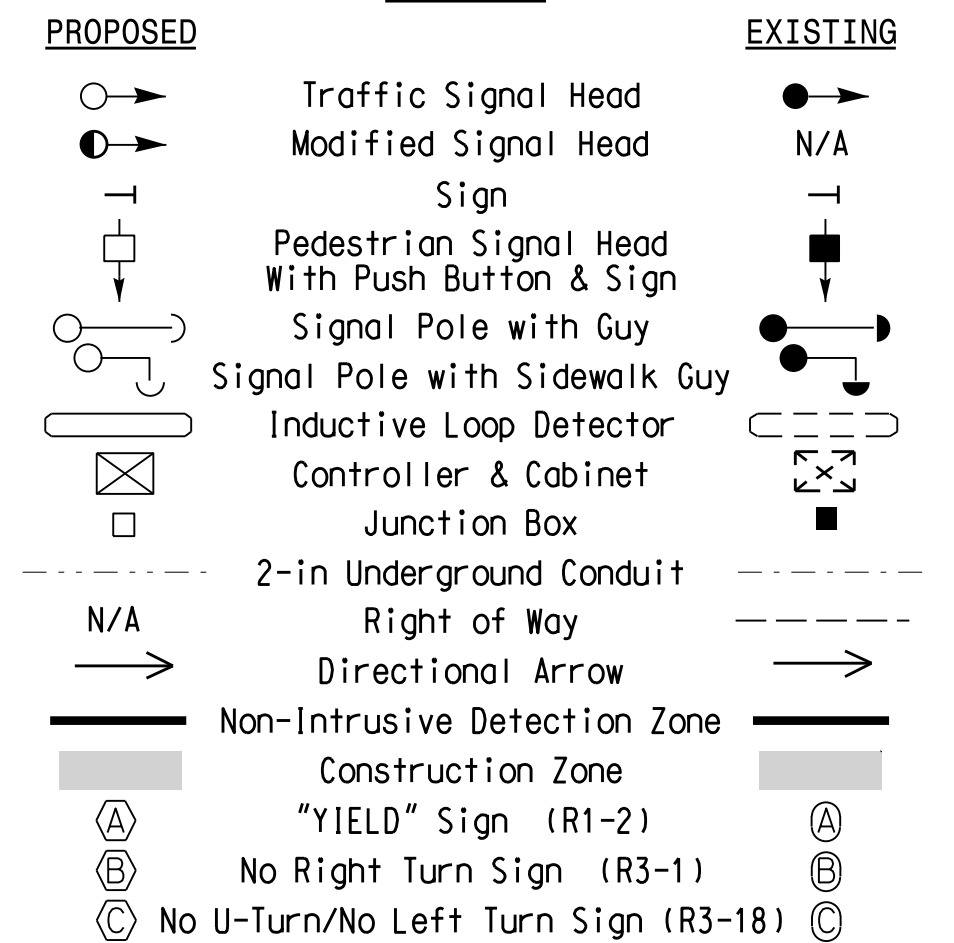
PHASING DIAGRAM DETECTION LEGEND



OASIS 2070 TIMING CHART				
FEATURE	PHASE			
	2	5	6	8
Min Green 1 *	10	7	10	7
Extension 1 *	5.0	2.0	5.0	2.0
Max Green 1 *	45	20	45	25
Yellow Clearance	3.8	3.0	3.8	3.7
Red Clearance	2.0	2.8	2.0	1.9
Red Revert	2.0	2.0	2.0	2.0
Walk 1 *	-	-	-	-
Don't Walk 1	-	-	-	-
Advance Walk	-	-	-	-
Seconds Per Actuation *	1.5	-	1.5	-
Max Variable Initial *	24	-	24	-
Time Before Reduction *	15	-	15	-
Time To Reduce *	15	-	15	-
Minimum Gap	3.0	-	3.0	-
Recall Mode	MIN RECALL	-	MIN RECALL	-
Vehicle Call Memory	YELLOW	-	YELLOW	-
Dual Entry	-	-	-	-
Simultaneous Gap	ON	ON	ON	ON

OASIS 2070 LOOP & DETECTOR INSTALLATION CHART												
INDUCTIVE LOOPS					DETECTOR PROGRAMMING							
ZONE	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTENSION		STRETCH TIME	DELAY TIME	LOOP TYPE	NEW
							FULL	TIME DELAY				
2A*	6X6	200	*	Y	2	Y	Y	-	-	-	-	*
2B*	6X6	200	*	Y	2	Y	Y	-	-	-	-	*
5A*	6X40	0	*	Y	5	Y	Y	-	-	15	-	*
					2	Y	Y	-	-	3	-	*
6A*	6X6	200	*	Y	6	Y	Y	-	-	-	-	*
6B*	6X6	200	*	Y	6	Y	Y	-	-	-	-	*
8A*	6X40	0	*	Y	8	Y	Y	-	-	-	-	*
8B*	6X40	0	*	Y	8	Y	Y	-	-	15	-	*

LEGEND



Signal Upgrade -
Temporary Design 1 (TMP Phase I)

Prepared In The Offices of:  750 N. Greenfield Pkwy, Garner, NC 27529	NC 109/SR 4325 (Thomasville Road) at I-40 WB Ramp and SR 3825 (I-40 WB Frontage Rd.) Division 9 Forsyth County Winston-Salem PLAN DATE: September 2024 REVIEWED BY: PREPARED BY: J.A. Lohr REVIEWED BY:	SEAL 																																	
 SCALE 	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">REVISIONS</th> <th style="width: 20%;">INIT.</th> <th style="width: 20%;">DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		REVISIONS	INIT.	DATE																														
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