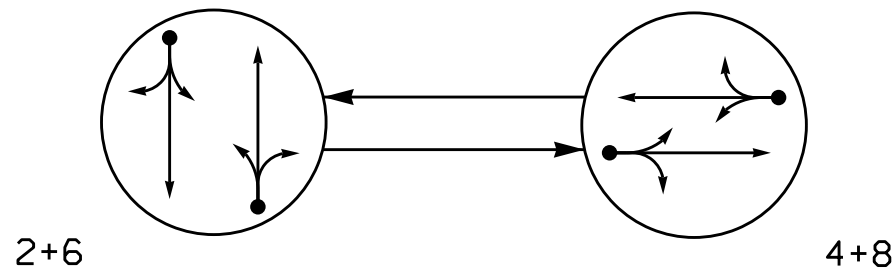


PHASING DIAGRAM



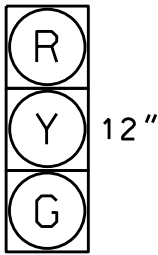
PHASING DIAGRAM DETECTION LEGEND

- DETECTED MOVEMENT
- UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT
- PEDESTRIAN MOVEMENT

SIGNAL FACE	PHASE		
	2 + 6	4 + 8	FLASH
22, 23	G	R	R
41, 42	R	G	R
62, 63, 64	G	R	R
81, 82, 83	R	G	R

SIGNAL FACE I.D.

All Heads L.E.D.



22, 23
41, 42
62, 63, 64
81, 82, 83

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
2A*	6X40	0	*	Y	2	Y	Y	-	-
4A*	6X40	0	*	Y	4	Y	Y	-	5
6A*	6X40	0	*	-	6	Y	Y	-	-
8A*	6X40	0	*	-	8	Y	Y	-	-

* Non-Intrusive detection zone.

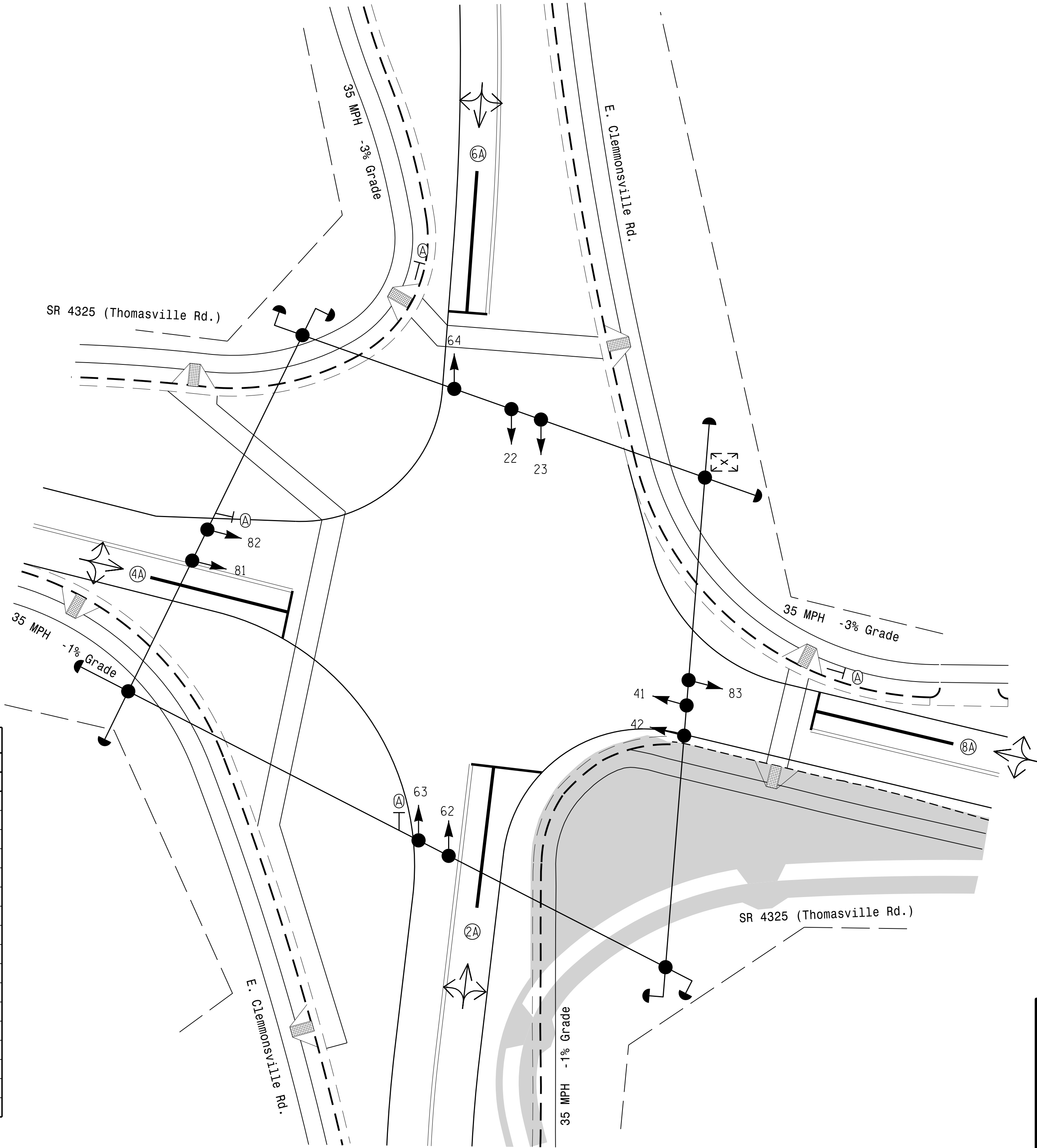
2 Phase
Fully Actuated
(Winston-Salem Signal System)

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications for Roads and Structures" dated January 2024.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Remove existing signal head 21.
- Set all detector units to presence mode.
- This intersection uses non-intrusive detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

OASIS 2070 TIMING CHART				
FEATURE	PHASE			
	2	4	6	8
Min Green 1 *	10	7	10	7
Extension 1 *	2.0	2.0	2.0	2.0
Max Green 1 *	45	25	45	25
Yellow Clearance	4.1	4.1	4.1	4.1
Red Clearance	3.0	2.9	3.0	2.9
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	MIN RECALL	-	MIN RECALL	-
Vehicle Call Memory	-	-	-	-
Dual Entry	-	ON	-	ON
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

PROPOSED	EXISTING

Signal Upgrade -
Temporary Design 4 (TMP Phase IC)

Prepared in the Offices of:

750 N. Greenfield Pkwy, Garner, NC 27529

E. Clemmonsville Road
at
SR 4325 (Thomasville Road)

Division 9 Forsyth County Winston-Salem

PLAN DATE: September 2024 REVIEWED BY:

PREPARED BY: J.A. Lohr REVIEWED BY:

REVISIONS

INIT.	DATE

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL

NORTH CAROLINA PROFESSIONAL ENGINEER

SEAL 026486

ROBERT J. ZIMMERMAN

DocuSigned By: Robert J. Zimmerman

01/02/2025

SIG. INVENTORY NO. 09-003474