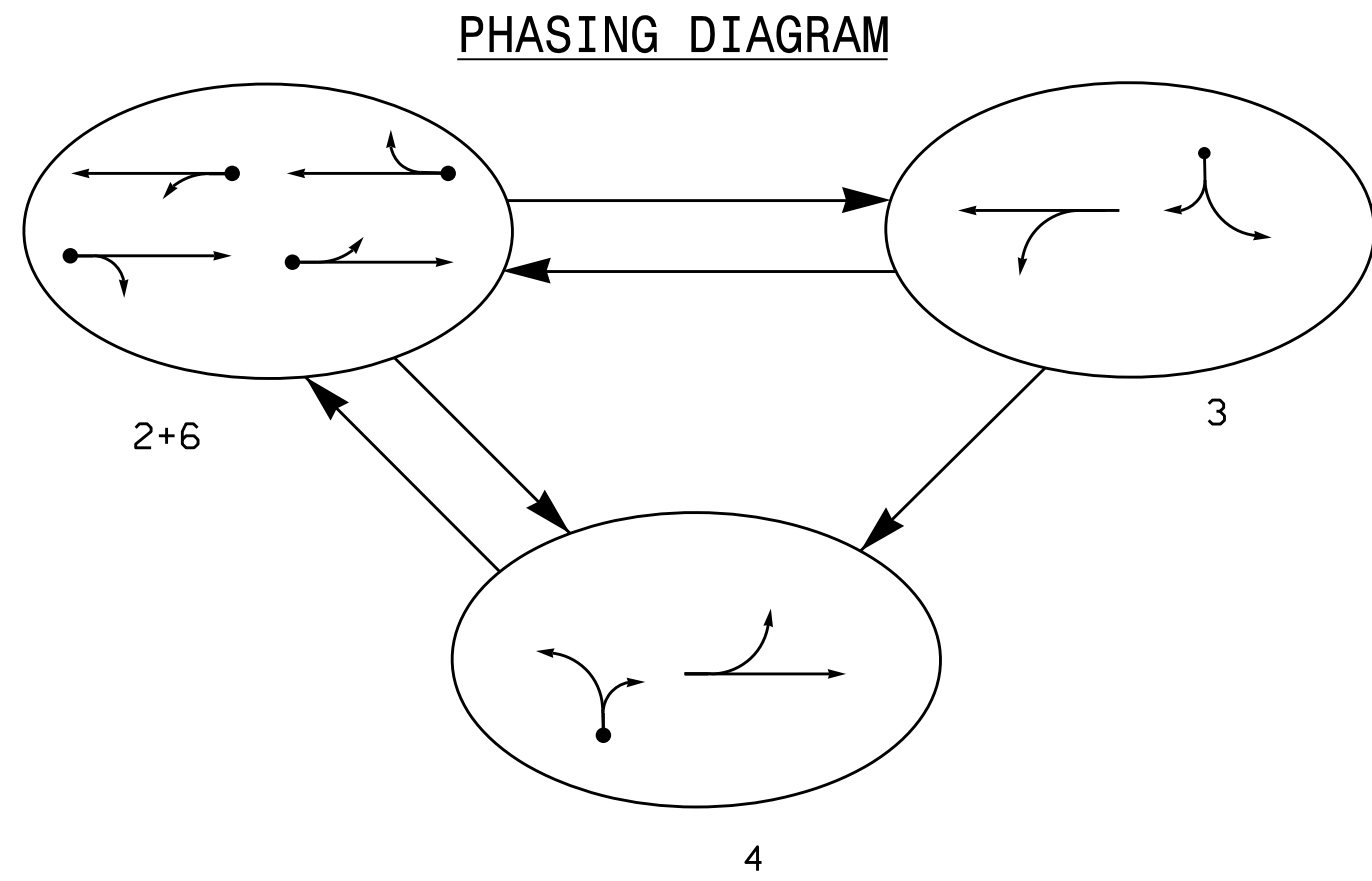




SIGNAL FACE	PHASE			
	2 + 6	3	4	FLASH
21, 22, 23	G	R	R	R
24	G	R	G	R
25	G	R	G	R
31	R	—	R	R
32	R	—	R	R
41	R	R	—	R
42	R	R	—	R
43	R	R	G	R
61, 62	G	R	R	R
63	G	G	R	R
64	G	G	R	R

MAXTIME DETECTOR INSTALLATION CHART											
DETECTOR					PROGRAMMING						
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	NEW CARD
2A	6X6	70	6X6	X	2	-	-	X	-	X	X
2B	6X6	70	6X6	X	2	-	-	X	-	X	X
3A	6X40	0	6X40	X	3	5.0	-	X	-	X	X
4A	6X40	0	6X40	X	4	5.0	-	X	-	X	X
6A	6X6	70	6X6	X	6	-	-	X	-	X	X
6B	6X6	70	6X6	X	6	-	-	X	-	X	X

3 Phase
Fully Actuated
(Old US 64 Closed Loop System)
Signal System #D09-33_Lexington

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.
- The order of phase 3 and phase 4 may be reversed.
- Set all detector units to presence mode.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

LEGEND

PROPOSED	EXISTING

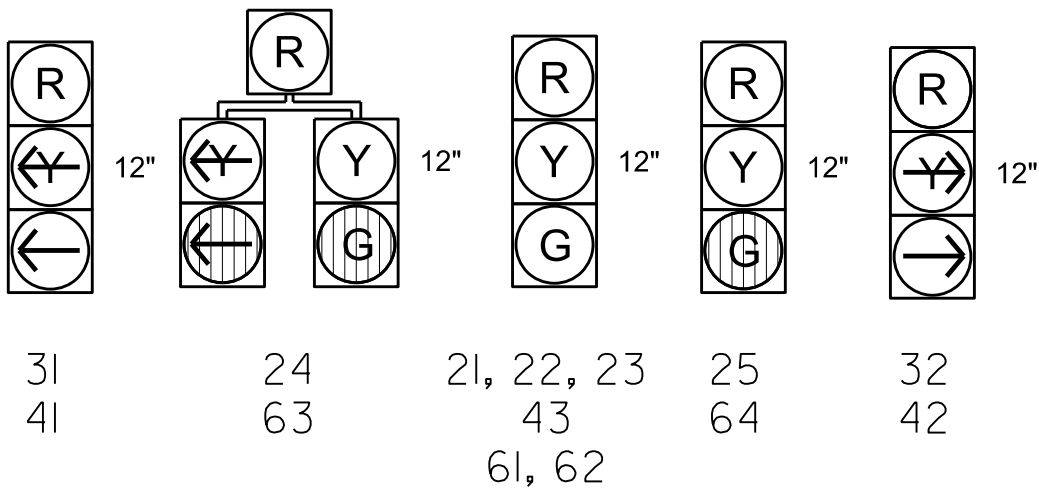
FEATURE	PHASE				OL3	OL1
	2	3	4	6		
Walk *	-	-	-	-		
Ped Clear *	-	-	-	-		
Min Green	10	7	7	10		
Passage *	3.0	2.0	2.0	3.0		
Max I *	60	20	20	60		
Yellow Change	4.1	3.0	3.0	4.1	4.1	4.1
Red Clear	1.6	1.6	2.1	1.6	1.6	1.6
Added Initial *	-	-	-	-		
Maximum Initial *	-	-	-	-		
Time Before Reduction *	-	-	-	-		
Time To Reduce *	-	-	-	-		
Minimum Gap	-	-	-	-		
Advance Walk	-	-	-	-		
Non Lock Detector	-	X	X	-		
Vehicle Recall	MIN RECALL	-	-	MIN RECALL		
Dual Entry	-	-	-	-		

* 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 FACE I.D.

All Heads L.E.D.

Denotes Louvers



Signal Upgrade - Final Design

Prepared in the Offices of:

750 N. Greenfield Pkwy, Garner, NC 27529

SR 1192 (W. 5th Avenue)
at
SR 1277 (Central Avenue) and
SR 1291 (National Blvd.)

Division 09
Davidson County
In Lexington

PLAN DATE: February 2025
PREPARED BY: I. O. Umzurike
REVIEWED BY:

REVISIONS
INIT. DATE

SCALE
0 20
1"=20'

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL
NORTH CAROLINA
PROFESSIONAL
ENGINEER
ROBERT J. ZEMBA
026486
03/04/2025
DATE
SIG. INVENTORY NO. 09-0995