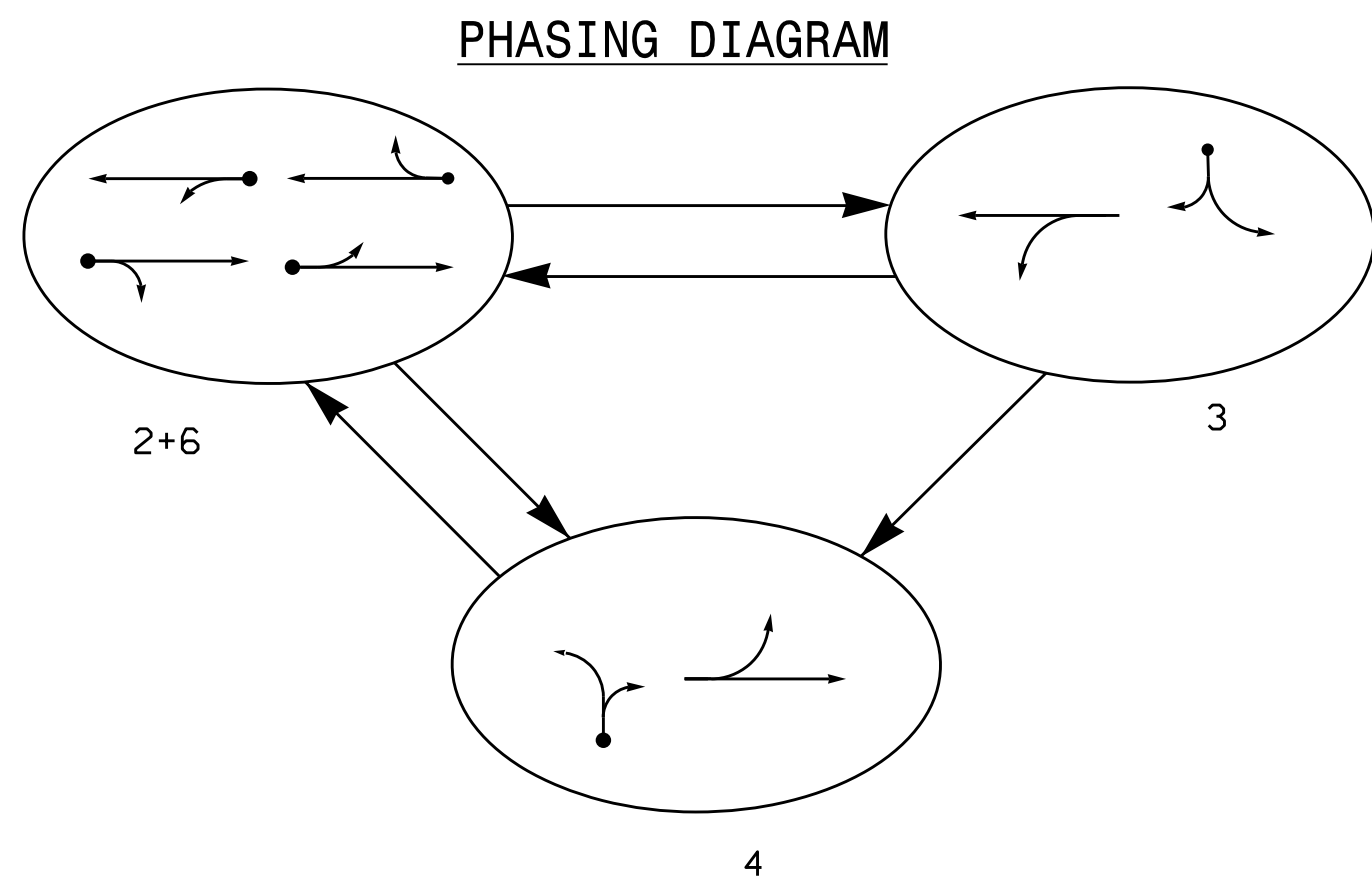


SIGNAL FACE	PHASE			
	2 + 6	3	4	FLASH
21,22,23	G	R	R	R
24	G	R	G	R
25	G	R	G	R
31	R	R	R	R
32	R	R	R	R
41	R	R	R	R
42	R	R	R	R
61,62	G	R	R	R
63	G	R	R	R
64	G	R	R	R

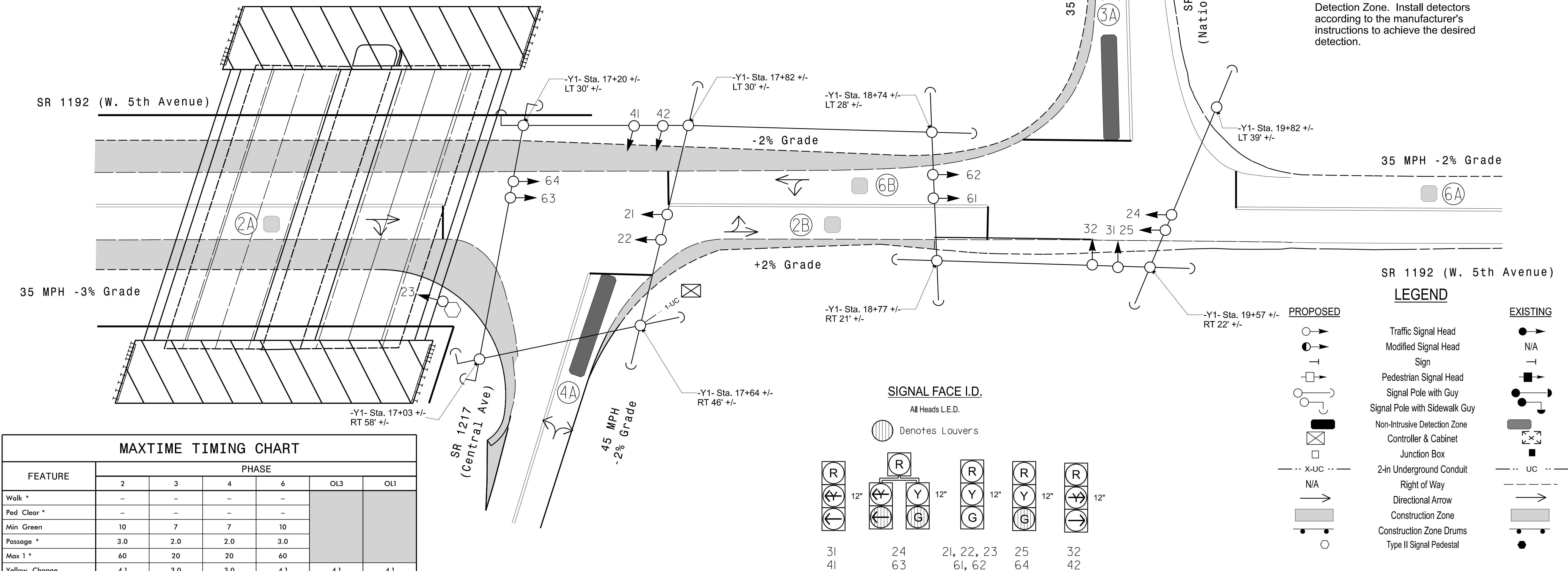
MAXTIME DETECTOR INSTALLATION CHART												
DETECTOR					PROGRAMMING							
ZONE	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	DELAY DURING GREEN	NEW CARD
2A	6X6	70	*	*	2	-	-	X	-	X	-	*
2B	6X6	70	*	*	2	-	-	X	-	X	-	*
3A	6X40	0	*	*	3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

* Non-Intrusive Detection Zone

3 Phase
Fully Actuated
(Isolated)

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.
- Tether signal heads numbered 24, 25 63 and 64.
- Set all detector units to presence mode.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- Pavement markings are existing unless otherwise shown/noted.
- This intersection uses Non-Intrusive Detection Zone. Install detectors according to the manufacturer's instructions to achieve the desired detection.



MAXTIME TIMING CHART						
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	1.8	1.8	2.1	1.8	1.8	1.8
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 Upgrade - Temporary Design 1 (TMP Phase 1)

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 9 Davidson County In Lexington	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED 03/04/2025 DATE 09-0995T1
PLAN DATE: February 2025 PREPARED BY: I. O. Umzurike REVIEWED BY:	REVISIONS INIT. DATE	