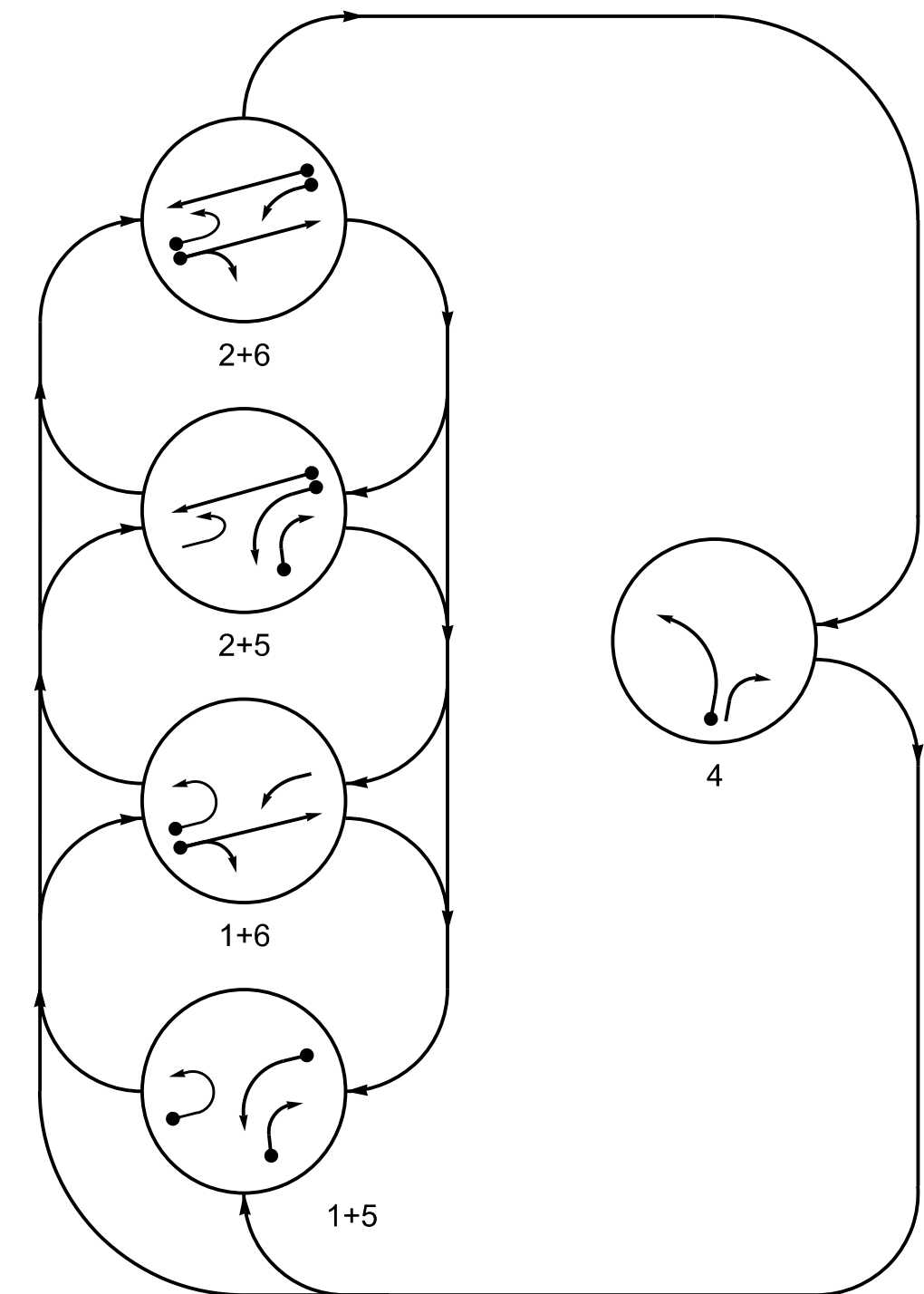


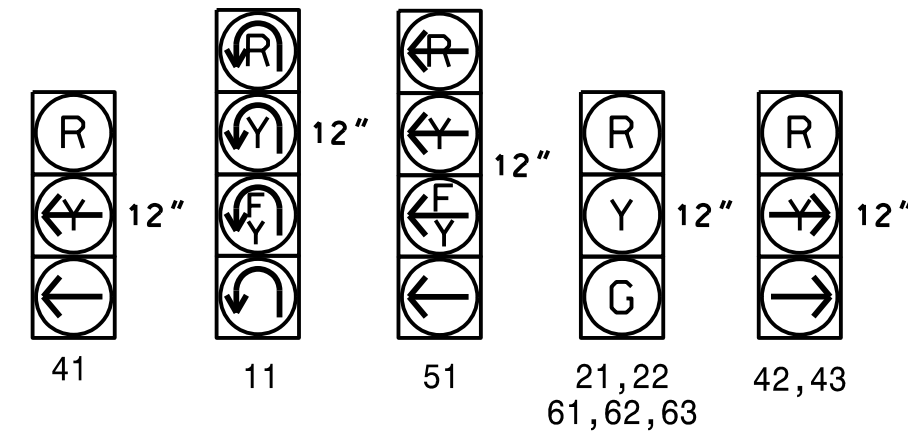
PHASING DIAGRAM



SIGNAL FACE	PHASE					FLASH
	1+5	1+6	2+5	2+6	4	
11	R	R	G	G	R	R
21,22	R	R	G	G	R	R
41	R	R	R	R	-	R
42,43	-	R	-	R	-	R
51	-	R	-	R	-	R
61,62,63	R	G	R	G	R	R

SIGNAL FACE I.D.

All Heads L.E.D.



MAXTIME DETECTOR INSTALLATION CHART

ZONE	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PROGRAMMING						NEW CARD	
					CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND INITIAL	ADDED INITIAL	CALL		DELAY DURING GREEN
1A *	6X40	0	*	*	1	30.0	-	X	-	X	-	*
2A *	6X6	420	*	*	2	-	-	X	X	X	-	*
4A *	6X40	0	*	*	4	3.0	-	X	-	X	-	*
5A *	6X40	0	*	*	5	15.0	-	X	-	X	-	*
5B *	6X40	0	*	*	2	3.0	-	X	-	X	-	*
6A *	6X6	420	*	*	6	-	-	X	X	X	-	*

* Video Detection Zone

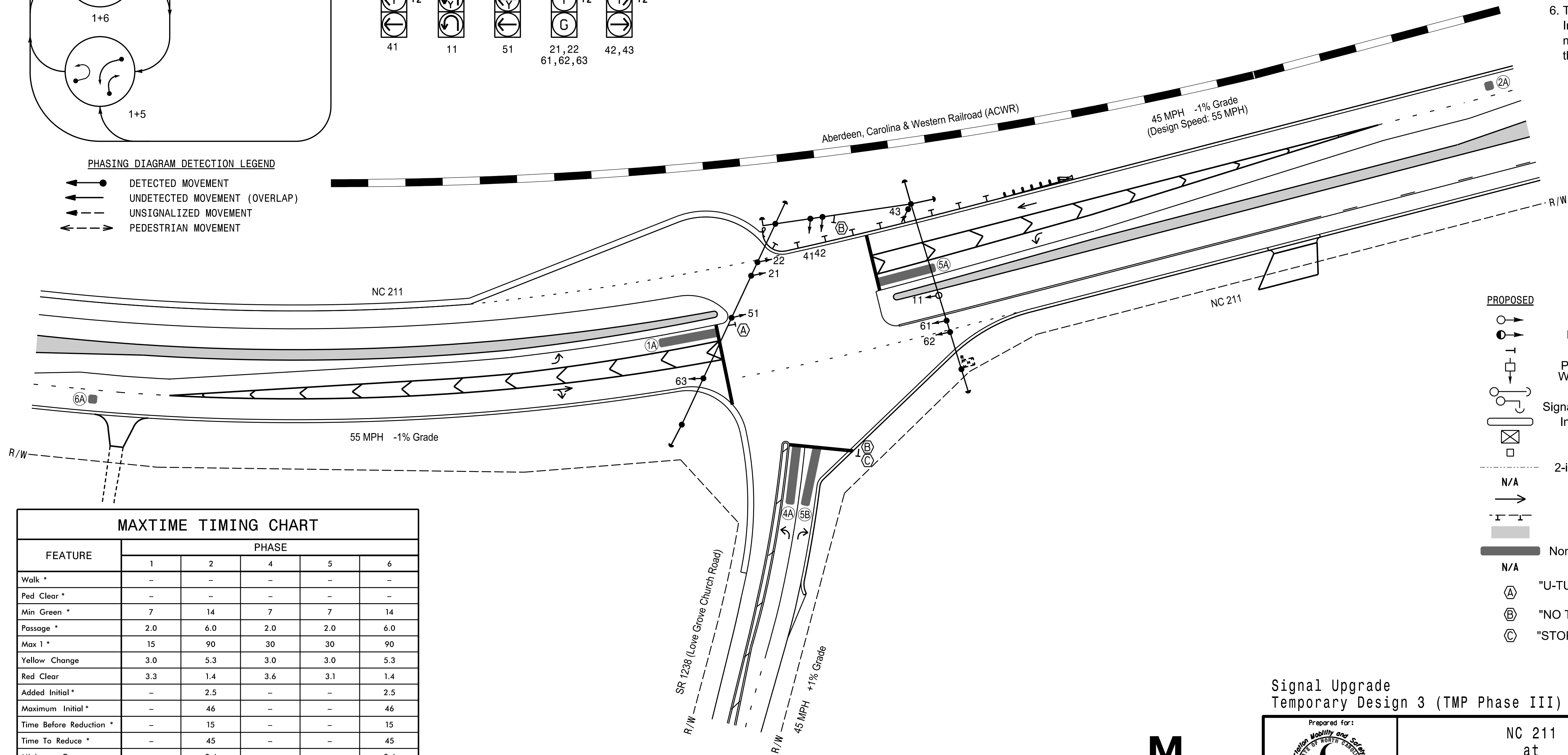
5 Phase Fully Actuated (Isolated)

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Phase 1 and/or phase 5 may be lagged.
4. Reposition existing signal heads numbered 11,61 and 62.
5. Set all detector units to presence mode.
6. This intersection uses video detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.

PHASING DIAGRAM DETECTION LEGEND

- ← ● → DETECTED MOVEMENT
- ← ○ → UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT
- ← - - - → PEDESTRIAN MOVEMENT



LEGEND

- | PROPOSED | EXISTING |
|----------|----------|
| ○ → | ● → |
| ○ → | N/A |
| ⊥ | ⊥ |
| ⊥ | ⊥ |
| ○ → | ○ → |
| ○ → | ○ → |
| ⊠ | ⊠ |
| □ | □ |
| --- | --- |
| N/A | --- |
| → | → |
| - - - | - - - |
| ▬ | ▬ |
| ▬ | ▬ |
| N/A | ▬ |
| ⊠ | ⊠ |
| ⊠ | ⊠ |
| ⊠ | ⊠ |

FEATURE	PHASE				
	1	2	4	5	6
Walk *	-	-	-	-	-
Ped Clear *	-	-	-	-	-
Min Green *	7	14	7	7	14
Passage *	2.0	6.0	2.0	2.0	6.0
Max I *	15	90	30	30	90
Yellow Change	3.0	5.3	3.0	3.0	5.3
Red Clear	3.3	1.4	3.6	3.1	1.4
Added Initial *	-	2.5	-	-	2.5
Maximum Initial *	-	46	-	-	46
Time Before Reduction *	-	15	-	-	15
Time To Reduce *	-	45	-	-	45
Minimum Gap	-	3.4	-	-	3.4
Advance Walk	-	-	-	-	-
Non Lock Detector	X	-	X	X	-
Vehicle Recall	-	MIN RECALL	-	-	MIN RECALL
Dual Entry	-	-	-	-	-

* These values may be field adjusted. Do not adjust Min Green and Passage 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 3 (TMP Phase III)

M M
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 RALEIGH, NC 27606
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Prepared for:

 750 N. Greenfield Pkwy, Garner, NC 27529
 SCALE
 0 40'
 1" = 40'

NC 211 at SR 1238 (Love Grove Church Rd)
 Division 8 Moore County West End
 PLAN DATE: June 2024 REVIEWED BY: R. Mullinax
 PREPARED BY: LD Stouchko REVIEWED BY:
 REVISIONS
 INIT. DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
 SEAL

 L. D. Stouchko
 SIGNATURE DATE
 SIG. INVENTORY NO. 08-070913