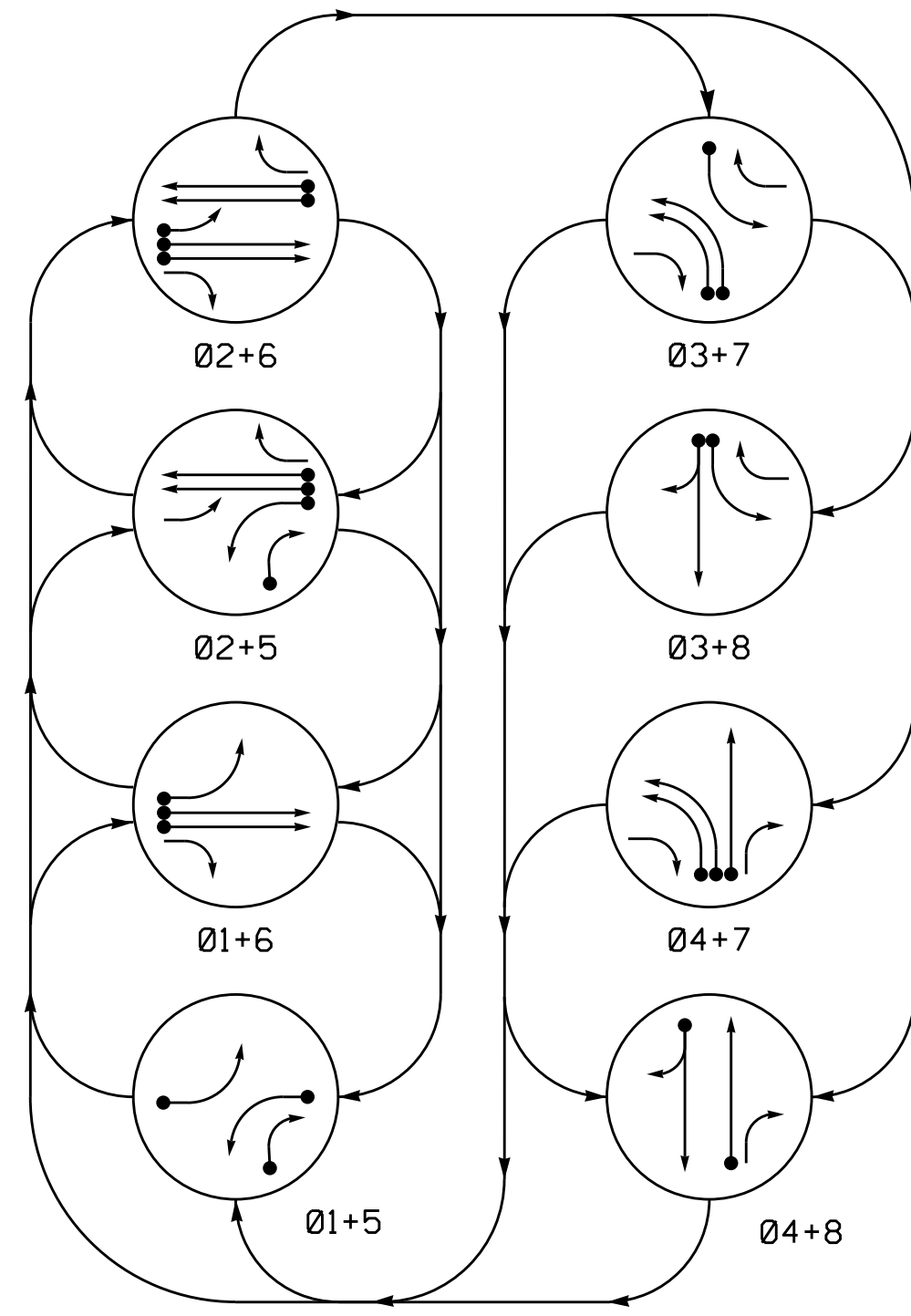
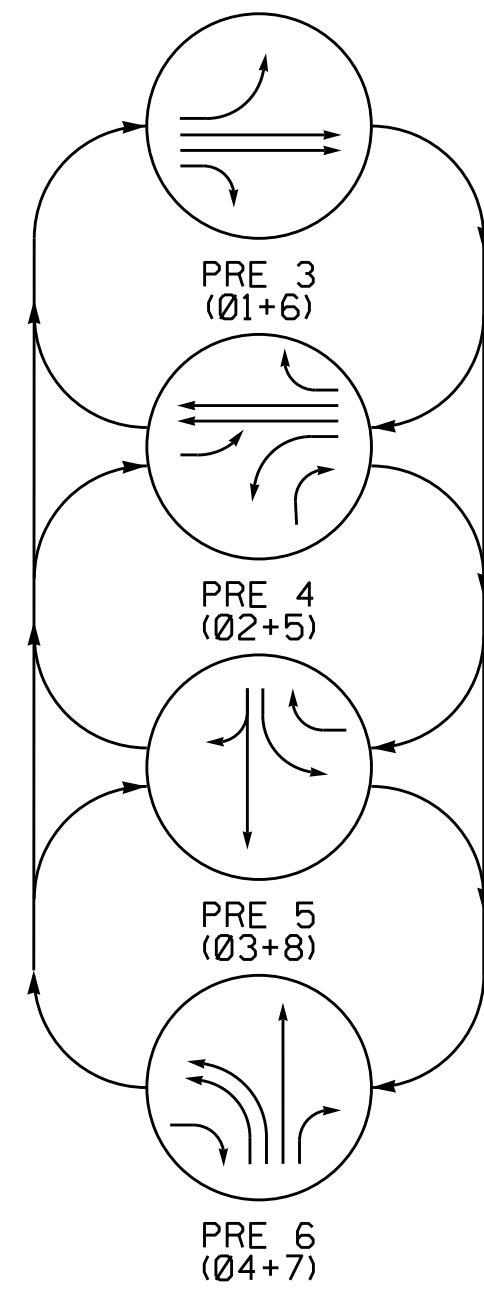


8 Phase Fully Actuated with Emergency Vehicle Preemption (Salisbury Signal System)

DEFAULT PHASING DIAGRAM



DEFAULT PHASING EV PREEMPT PHASES (Medium Priority)



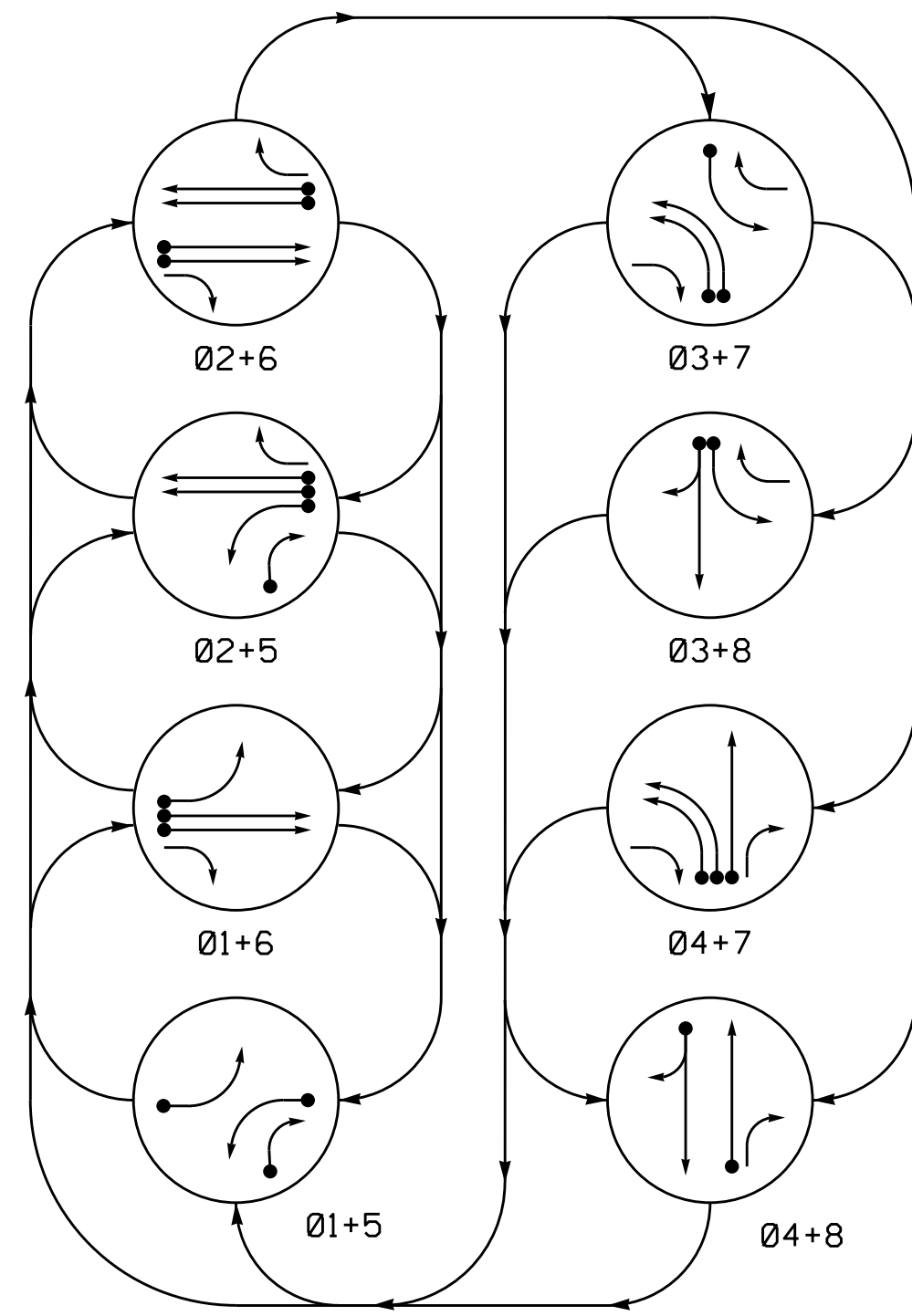
DEFAULT PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE												
	01+5	01+6	02+5	02+6	03+7	03+8	04+7	04+8	PRE 3	PRE 4	PRE 5	PRE 6	FLASH
11	←	←	←	←	←	←	←	←	←	←	←	←	←
21	R	R	G	G	R	R	R	R	R	G	R	R	Y
22	R	R	G	G	R	R	R	R	R	G	R	R	Y
31	←	←	←	←	←	←	←	←	←	←	←	←	←
41, 43	R	R	R	R	R	R	R	G	G	R	R	R	G
42	R	R	R	R	R	R	R	G	G	R	R	R	G
51	←	←	←	←	←	←	←	←	←	←	←	←	←
61	R	G	R	G	R	R	R	R	G	R	R	R	Y
62	R	G	R	G	R	R	R	R	G	R	R	R	Y
71, 72	←	←	←	←	←	←	←	←	←	←	←	←	←
81, 82	R	R	R	R	R	G	R	G	R	R	G	R	R

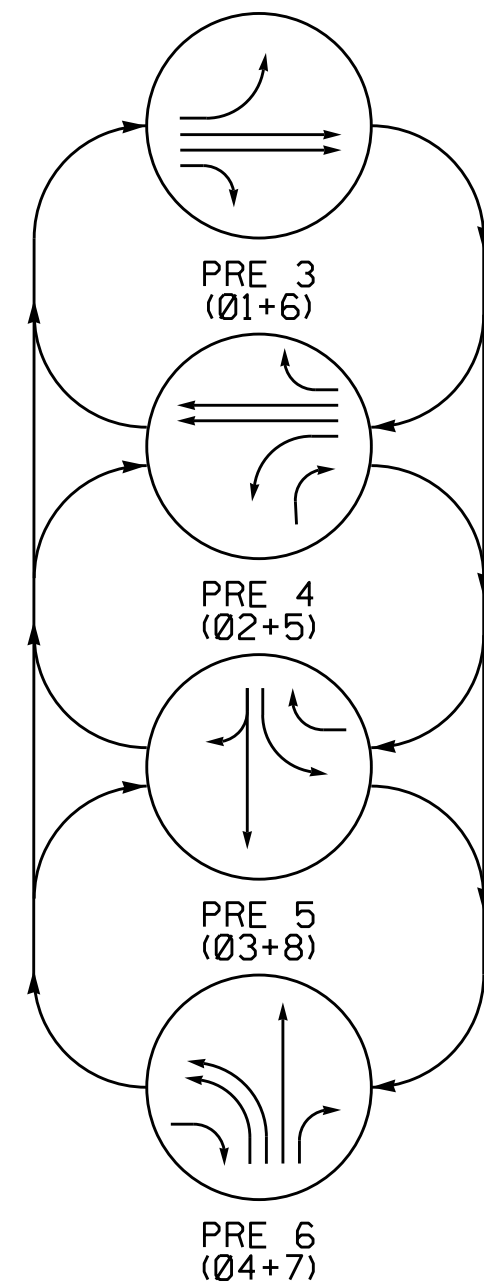
NOTES

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. Phase 3 and/or phase 7 may be lagged.
5. Reposition existing signal heads numbered 71, 72, 81, 82 and signs D.
6. Adjust the video imaging loop emulator detection system to maintain vehicle detection during construction and obtain optimum detection zones as shown.
7. Set all detector units to presence mode.
8. This intersection features a GPS Emergency Vehicle Preemption system.
9. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

ALTERNATE PHASING DIAGRAM



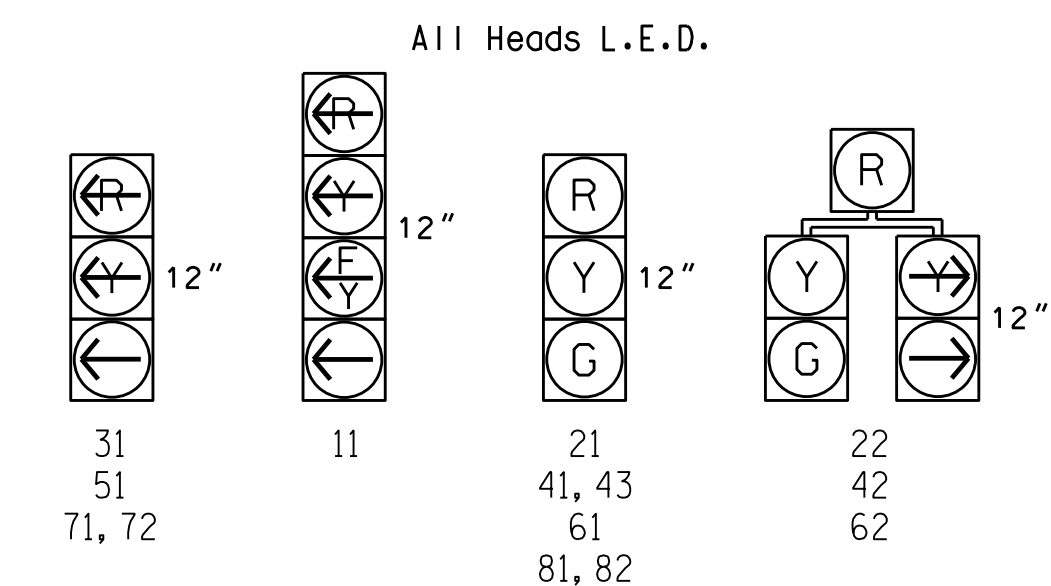
ALTERNATE PHASING EV PREEMPT PHASES (Medium Priority)



ALTERNATE PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE												
	01+5	01+6	02+5	02+6	03+7	03+8	04+7	04+8	PRE 3	PRE 4	PRE 5	PRE 6	FLASH
11	←	←	←	←	←	←	←	←	←	←	←	←	←
21	R	R	G	G	R	R	R	R	R	G	R	R	Y
22	R	R	G	G	R	R	R	R	R	G	R	R	Y
31	←	←	←	←	←	←	←	←	←	←	←	←	←
41, 43	R	R	R	R	R	R	R	G	G	R	R	R	G
42	R	R	R	R	R	R	R	G	G	R	R	R	G
51	←	←	←	←	←	←	←	←	←	←	←	←	←
61	R	G	R	G	R	R	R	R	G	R	R	R	Y
62	R	G	R	G	R	R	R	R	G	R	R	R	Y
71, 72	←	←	←	←	←	←	←	←	←	←	←	←	←
81, 82	R	R	R	R	R	G	R	G	R	R	G	R	R

SIGNAL FACE I.D.



PHASING DIAGRAM DETECTION LEGEND

- ←● (arrow with dot) DETECTED MOVEMENT
- ← (arrow) UNDETECTED MOVEMENT (OVERLAP)
- ←- (dashed arrow) UNSIGNALIZED MOVEMENT
- ←- - - (dashed arrow with vertical line) PEDESTRIAN MOVEMENT

(TMP Phase II)  
Signal Upgrade - Temporary Design 2  
(Sheet 2 of 2)

	US 601 (Jake Alexander Blvd S) at SR 2528 (Julian Rd) and Martin Luther King Jr Ave Division 9 Rowan County Salisbury		
	PLAN DATE: January 2022	REVIEWED BY:	
PREPARED BY: I.O. Umozurike	REVIEWED BY:	REVISIONS	INIT. DATE
SCALE 0 40 1" = 40'	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	SEAL NORTH CAROLINA PROFESSIONAL ENGINEER ROBERT J. ZIEMBA 01/27/2022	SIG. INVENTORY NO. 09-0640T2

26-Jan-2022 18:04  
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