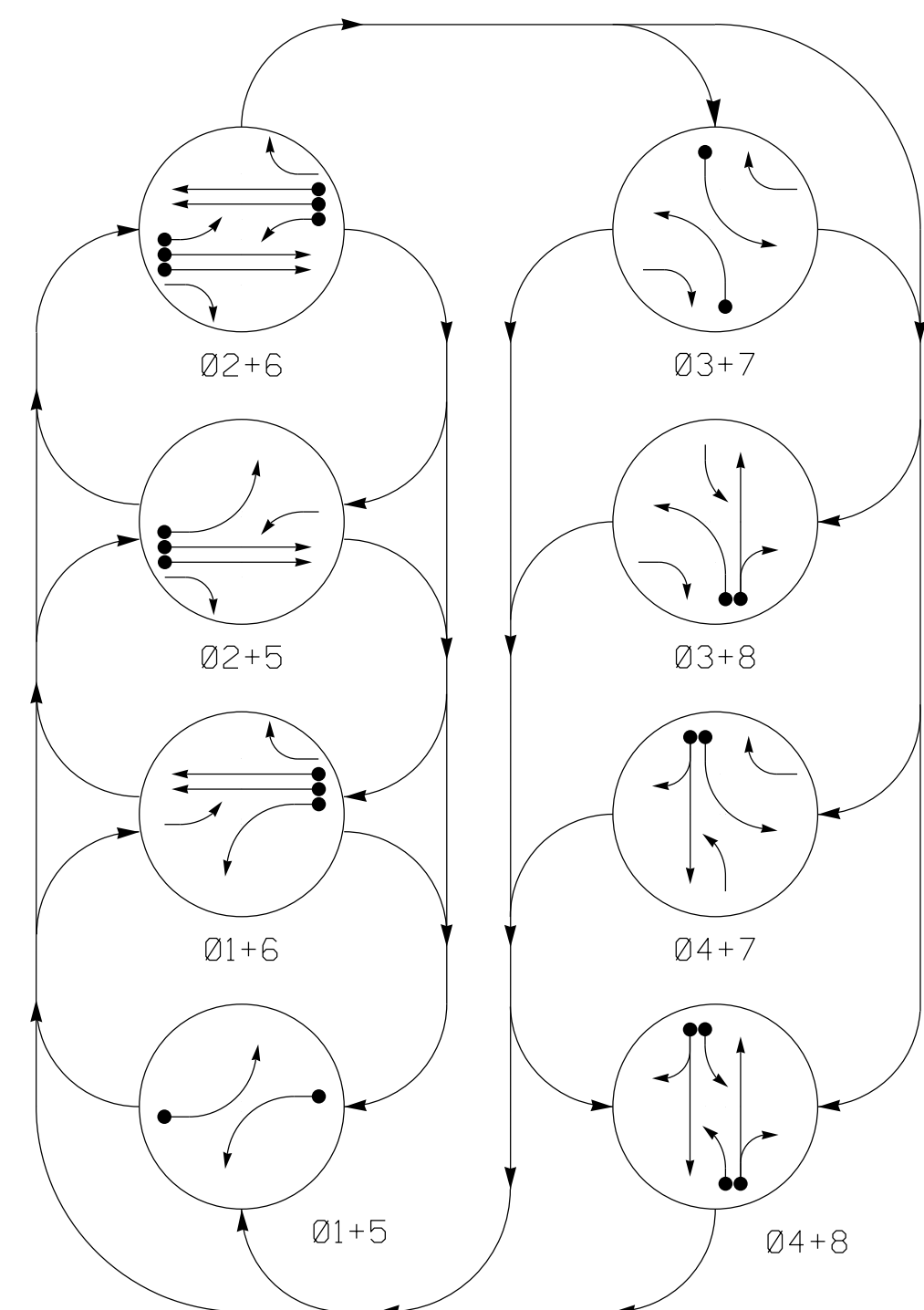


DEFAULT PHASING DIAGRAM



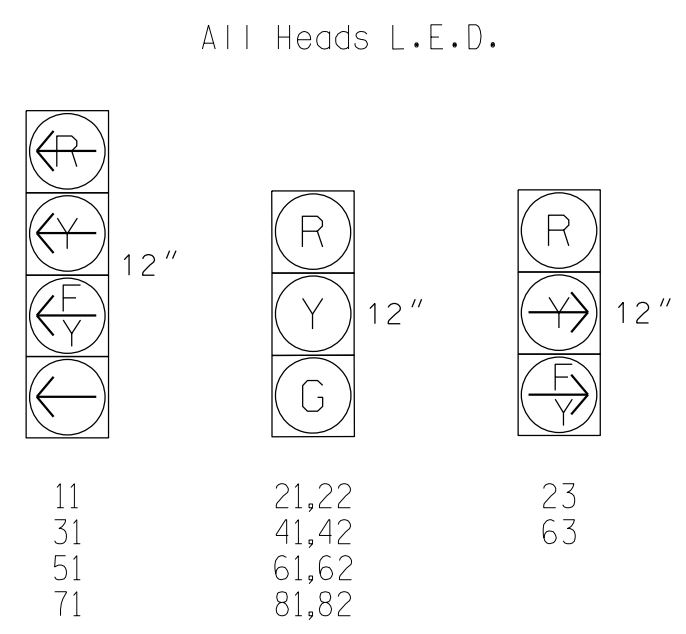
PHASING DIAGRAM DETECTION LEGEND

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

DEFAULT PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE								FLASH
	Ø 1 + 5	Ø 1 + 6	Ø 2 + 5	Ø 2 + 6	Ø 3 + 7	Ø 3 + 8	Ø 4 + 7	Ø 4 + 8	
11	←	←	←	←	←	←	←	←	←
21,22	R	R	G	G	R	R	R	R	R
23	R	R	←	←	←	←	R	R	R
31	←	←	←	←	←	←	←	←	←
41,42	R	R	R	R	R	R	G	G	R
51	←	←	←	←	←	←	←	←	←
61,62	R	G	R	G	R	R	R	R	R
63	R	←	R	←	←	←	R	R	R
71	←	←	←	←	←	←	←	←	←
81,82	R	R	R	R	R	G	R	G	R

SIGNAL FACE I.D.

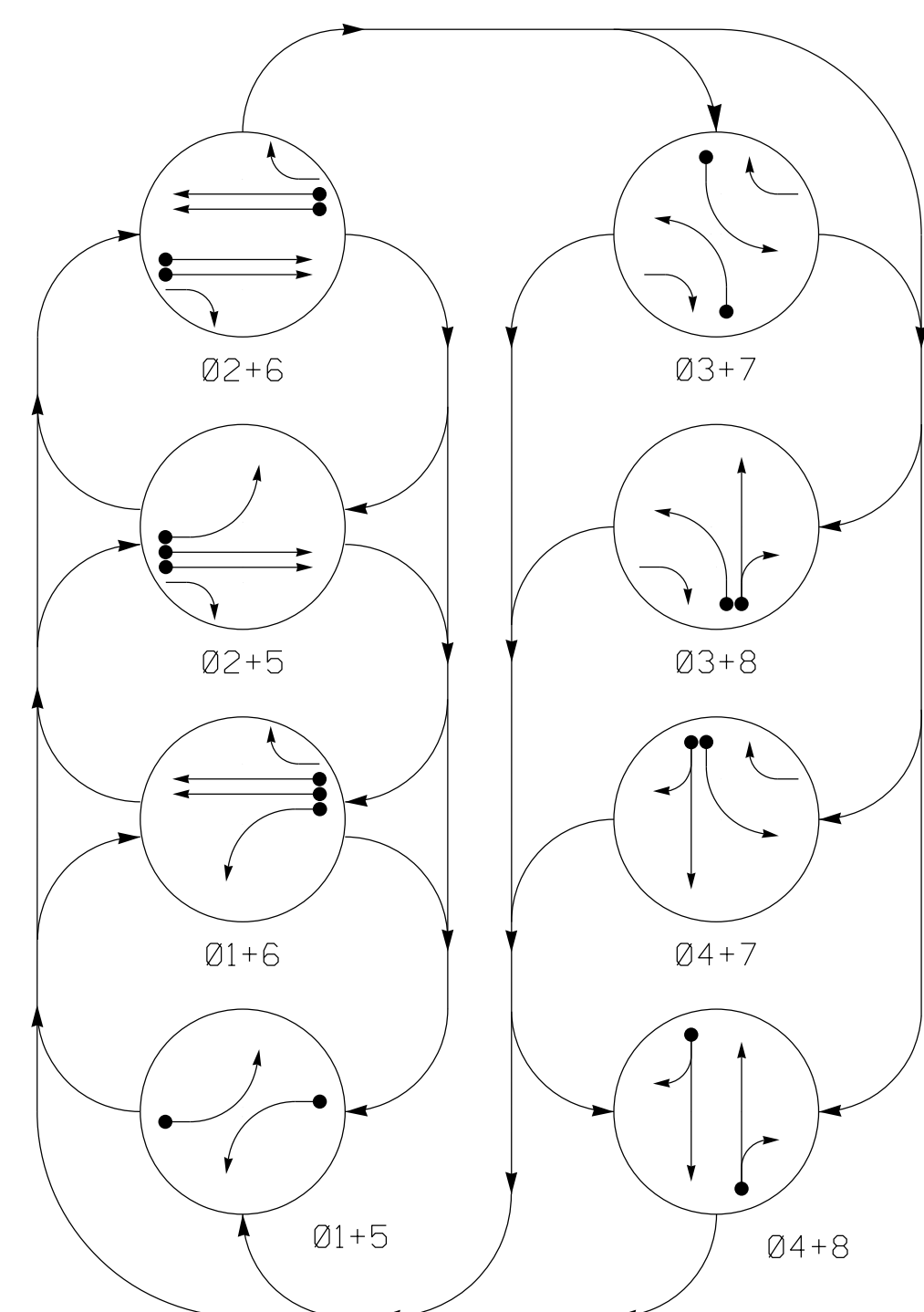


8 Phase Fully Actuated (D06-28_Hope Mills)

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications for Roads and Structures" dated January 2024.
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 21, 22, 61 and 62.
6. Set all detector units to presence mode.
7. The Division Traffic Engineer will determine the hours of use for each phasing plan.
8. This intersection uses multi-zone microwave detection. Maintain detectors according to the manufacturer's instructions to achieve desired detection.
9. See pavement marking plan for stop line locations.
10. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

ALTERNATE PHASING DIAGRAM



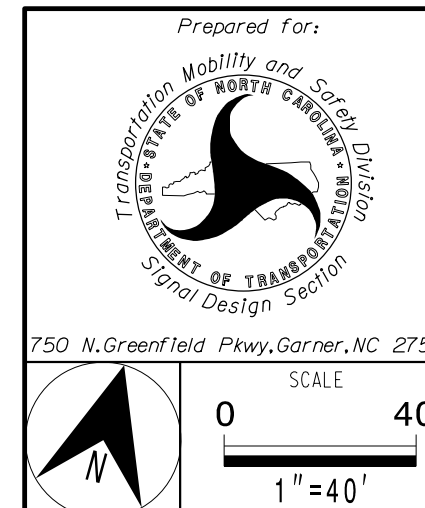
PHASING DIAGRAM DETECTION LEGEND

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

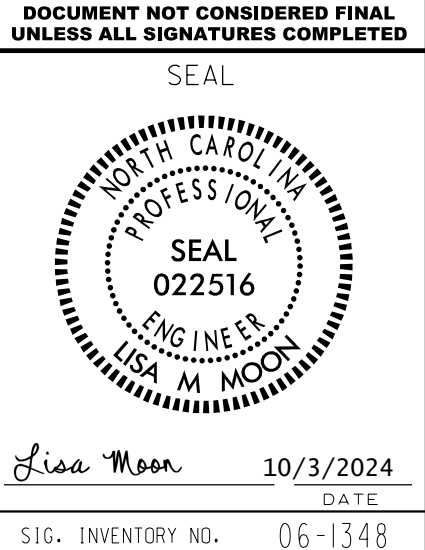
ALTERNATE PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE								FLASH
	Ø 1 + 5	Ø 1 + 6	Ø 2 + 5	Ø 2 + 6	Ø 3 + 7	Ø 3 + 8	Ø 4 + 7	Ø 4 + 8	
11	←	←	←	←	←	←	←	←	←
21,22	R	R	G	G	R	R	R	R	R
23	R	R	←	←	←	←	R	R	R
31	←	←	←	←	←	←	←	←	←
41,42	R	R	R	R	R	R	G	G	R
51	←	←	←	←	←	←	←	←	←
61,62	R	G	R	G	R	R	R	R	R
63	R	←	R	←	←	←	R	R	R
71	←	←	←	←	←	←	←	←	←
81,82	R	R	R	R	R	G	R	G	R

Signal Upgrade - Sheet 2 of 2
Final Design



Prepared for:		SR 1003 (Camden Road) at SR 1113 (Waldos Beach Road) / Waldos Beach Road	
Division 6		Cumberland County Hope Mills	
PLAN DATE:	August 2024	REVIEWED BY:	LM Moon
PREPARED BY:	MR Stanley/DJW	DRMP PROJ. NO.:	2400555
REVISIONS	INIT.	DATE	



Sig. INVENTORY NO. 06-1348

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED