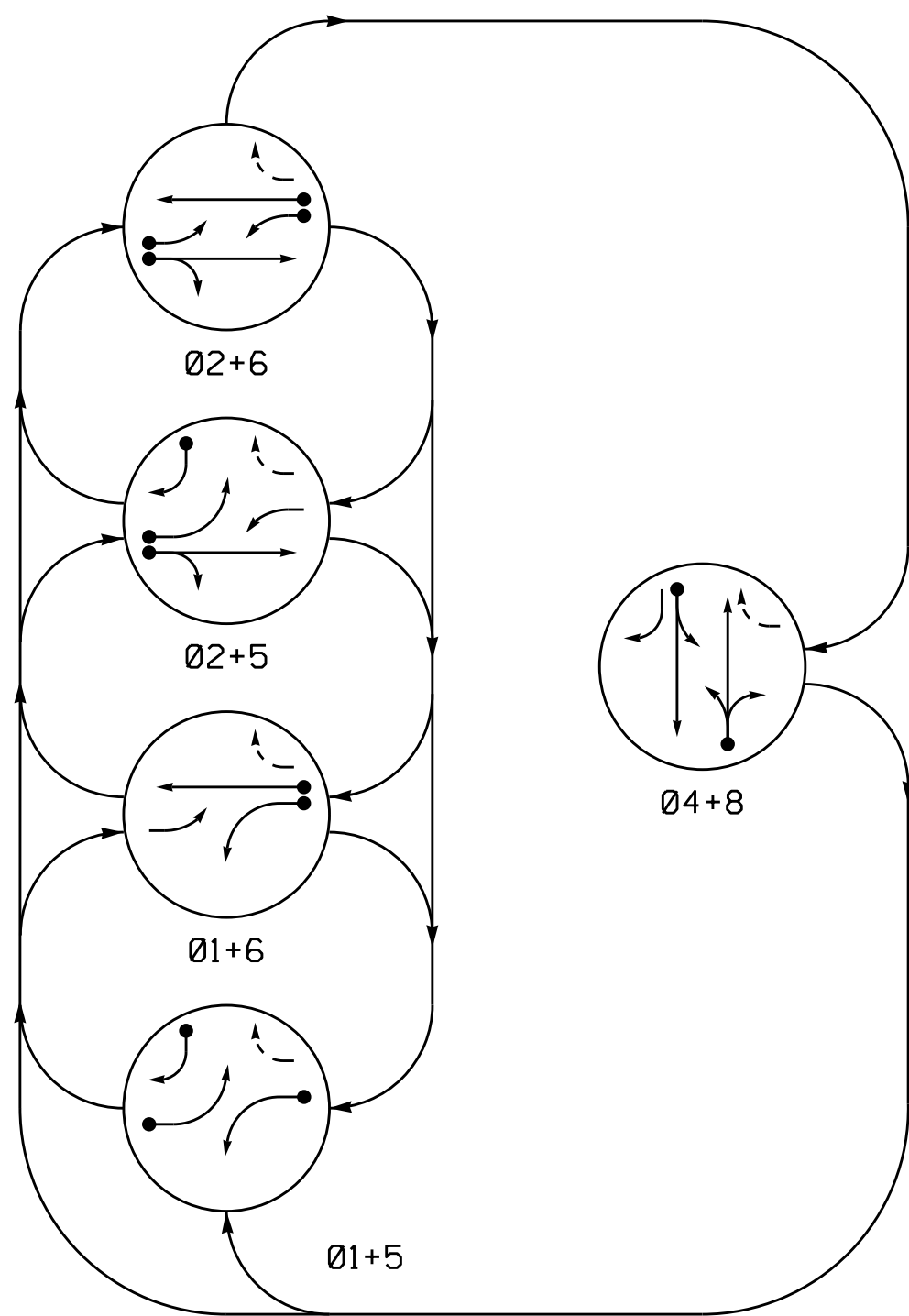


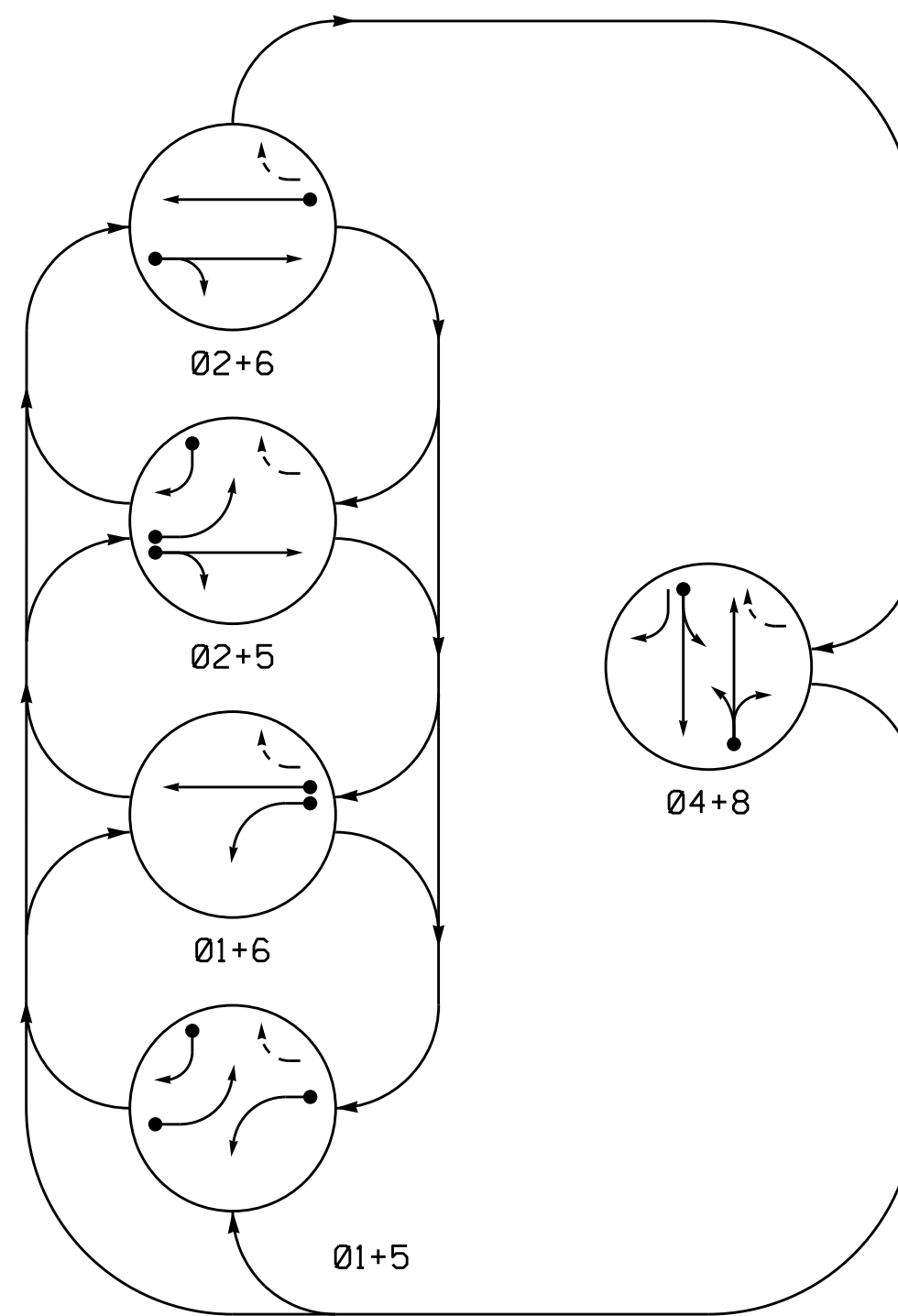
DEFAULT PHASING DIAGRAM



DEFAULT PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE					FLASH
	01+5	02+5	02+6	04+8	01+6	
11	---	---	---	---	---	---
21, 22	R	R	G	G	R	Y
41	R	R	R	R	G	R
42	R	R	R	R	G	R
51	---	---	---	---	---	---
61, 62	R	G	R	G	R	Y
81, 82	R	R	R	R	G	R

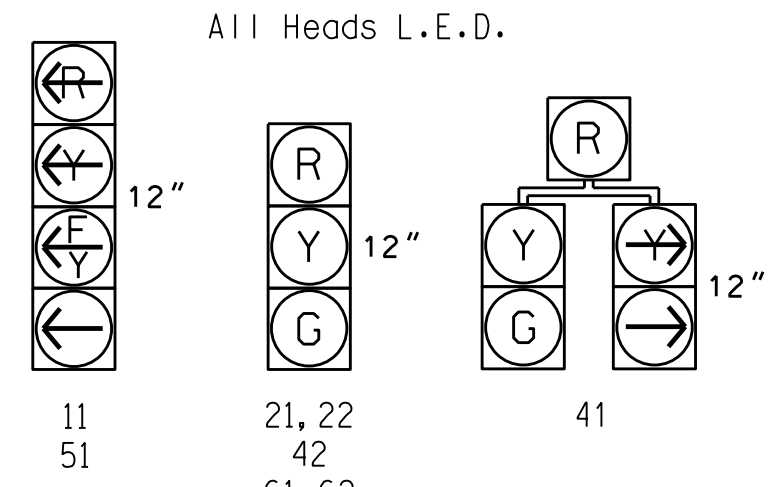
ALTERNATE PHASING DIAGRAM



ALTERNATE PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE					FLASH
	01+5	02+5	02+6	04+8	01+6	
11	---	---	---	---	---	---
21, 22	R	R	G	G	R	Y
41	R	R	R	R	G	R
42	R	R	R	R	G	R
51	---	---	---	---	---	---
61, 62	R	G	R	G	R	Y
81, 82	R	R	R	R	G	R

SIGNAL FACE I.D.



PHASING DIAGRAM DETECTION LEGEND

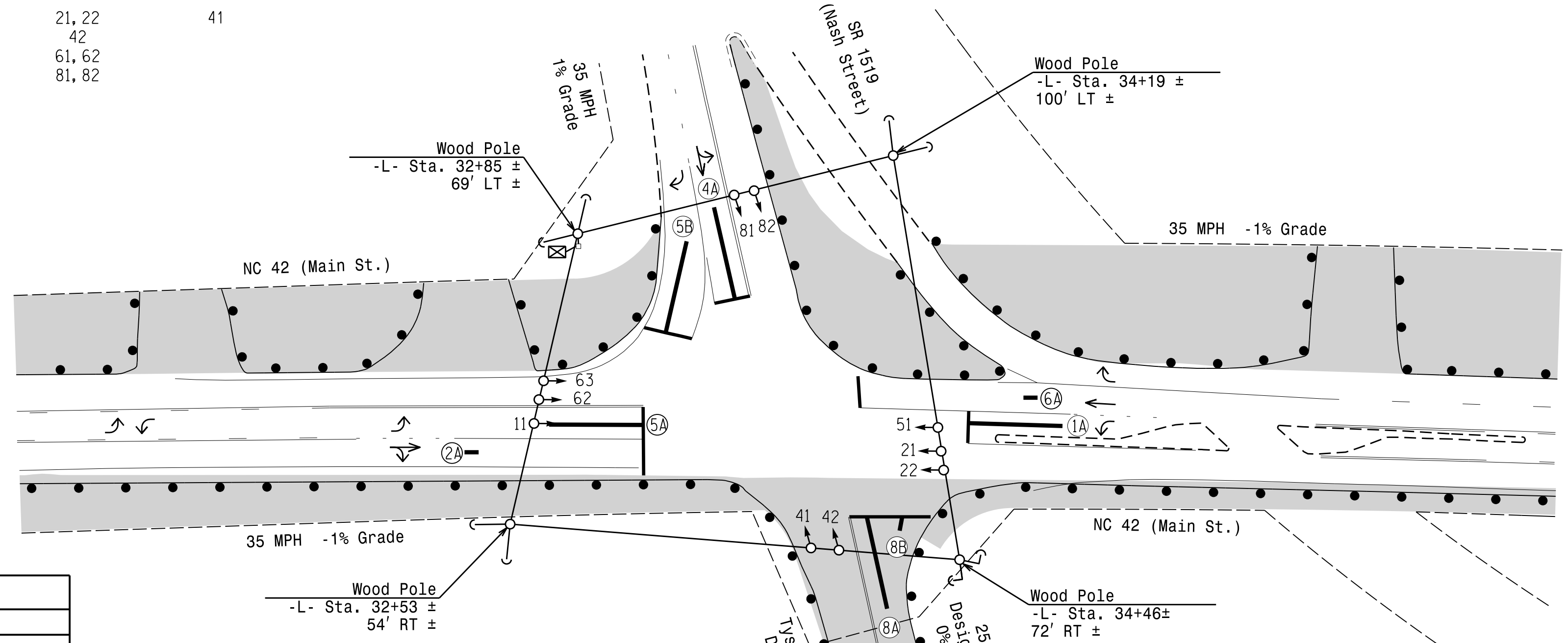
- DETECTED MOVEMENT
- UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT
- PEDESTRIAN MOVEMENT

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Phase 1 and/or phase 5 may be lagged.
- Set all detector units to presence mode.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- The Division Traffic Engineer will determine the hours of use for each phasing plan.
- This location utilizes a video detection system. Camera locations should be confirmed in the field by the contractor in order to provide detection of the areas indicated.
- Remove existing pavement markings pertaining to railroad crossing.

LEGEND

- | PROPOSED | EXISTING |
|----------|----------|
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OASIS 2070 TIMING CHART

FEATURE	PHASE						
	1	2	4	5	6	8	
Min Green 1 *	7	10	7	7	10	7	
Extension 1	2.0	3.0	2.0	2.0	3.0	2.0	
Max Green 1 *	25	60	35	25	60	35	
Yellow Clearance	3.0	3.9	3.8	3.0	3.9	3.8	
Red Clearance	2.3	2.5	3.3	1.9	2.5	3.3	
Red Revert	2.0	2.0	2.0	2.0	2.0	2.0	
Walk 1 *	-	-	-	-	-	-	
Don't Walk 1	-	-	-	-	-	-	
Dynamic Max 3	-	-	55	-	-	55	
Dynamic Max Adjust	-	-	10	-	-	10	
Time Before Reduction *	-	-	-	-	-	-	
Time To Reduce *	-	-	-	-	-	-	
Minimum Gap	-	-	-	-	-	-	
Recall Mode	-	MIN RECALL	-	-	MIN RECALL	-	
Vehicle Call Memory	-	YELLOW	-	-	YELLOW	-	
Dual Entry	-	-	ON	-	-	ON	
Simultaneous Gap	ON	ON	ON	ON	ON	ON	

OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

ZONE	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING				SYSTEM LOOP	NEW CARD
					PHASE	CALLING EXTENSION	STRETCH TIME	DELAY TIME		
1A	6X40	0	*	*	1	Y	Y	-	15	*
2A	6X6	70	*	*	2	Y	Y	-	-	*
4A	6X40	0	*	*	4	Y	Y	-	3	*
5A	6X40	0	*	*	5	Y	Y	-	15	*
5B	6X40	0	*	*	5	Y	Y	-	15	*
6A	6X6	70	*	*	6	Y	Y	-	-	*
8A	6X40	0	*	*	8	Y	Y	-	3	*
8B	6X6	0	*	*	8	Y	Y	-	10	*

\* Video Detection Zone  
 \* Reduce Delay to 3 seconds during Alternate Phasing Operation.  
 # Disable Phase(s) call during Alternate Phasing Operation.

Signal Upgrade - Temporary Design 1 (TMP Phase I & II)

Prepared in the Offices of:

NC 42 (Main Street) at SR 1519 (Nash Street) / Tyson Foods Driveway

Division 8 Lee County Sanford

PLAN DATE: March 2022 REVIEWED BY: J.A. Lohr

PREPARED BY: J.A. Lohr REVIEWED BY:

SCALE: 1" = 40'

REVISIONS: \_\_\_\_\_

INIT. DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIG. INVENTORY NO. 08-0236T1

488885\SIG\02\11\SIG 5.0.dwg  
 5/11/2022 10:15:15  
 J. Lohr