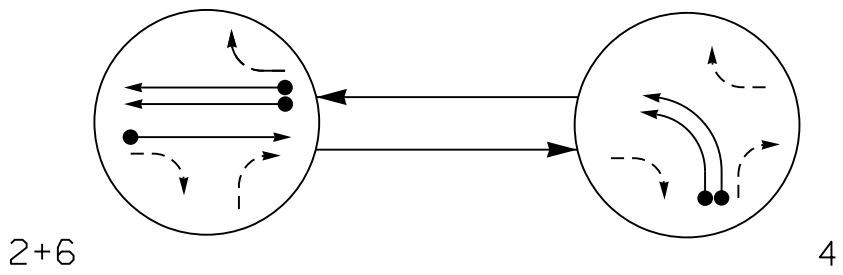


PHASING DIAGRAM



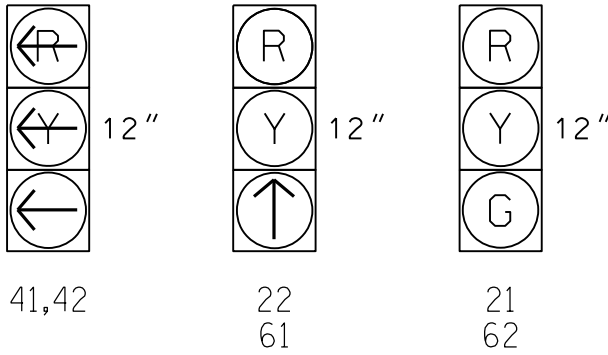
PHASING DIAGRAM DETECTION LEGEND

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

SIGNAL FACE	PHASE		
	2+6	4	FLASH
21	G	R	R
22	↑	R	R
41,42	←R	←	←R
61	↑	R	R
62	G	R	R

SIGNAL FACE I.D.

All Heads L.E.D.

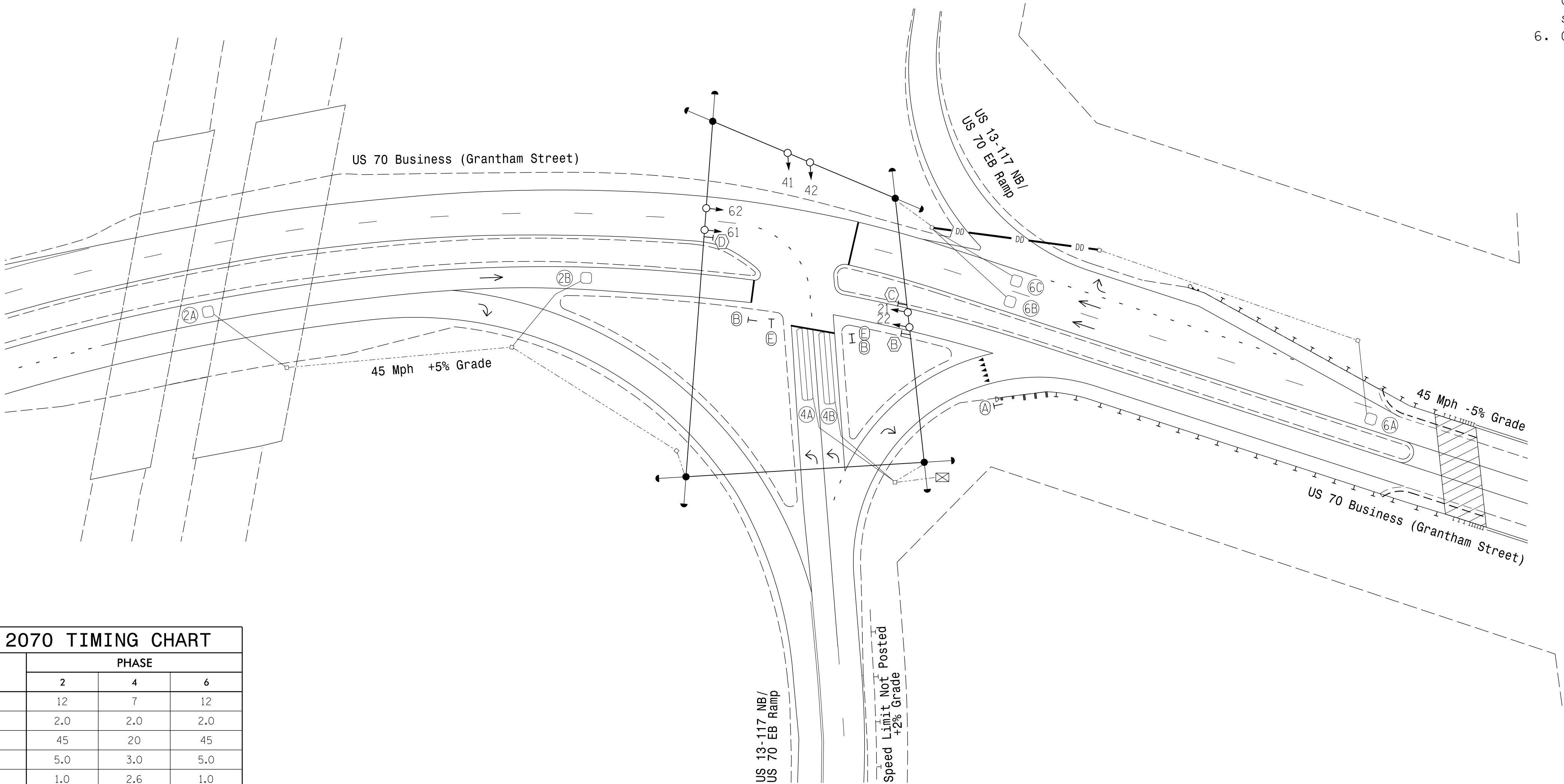


OASIS 2070 LOOP & DETECTOR INSTALLATION CHART									
INDUCTIVE LOOPS					DETECTOR PROGRAMMING				
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME
2A	6X6	300	5	Y	2	Y	Y	-	1.6
2B	6X6	90	4	Y	2	Y	Y	-	-
4A	6X40	0	2-4-2	Y	4	Y	Y	-	-
4B	6X40	0	2-4-2	Y	4	Y	Y	-	-
6A	6X6	300	5	Y	6	Y	Y	-	1.6
6B,6C	6X6	90	4	Y	6	Y	Y	-	-

2 Phase
Fully Actuated
(Goldsboro City System)

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.
- Reposition existing sign ©.
- Set all detector units to presence mode.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- Controller Asset: #0756.



OASIS 2070 TIMING CHART

FEATURE	PHASE		
	2	4	6
Min Green 1 *	12	7	12
Extension 1 *	2.0	2.0	2.0
Max Green 1 *	45	20	45
Yellow Clearance	5.0	3.0	5.0
Red Clearance	1.0	2.6	1.0
Red Revert	2.0	2.0	2.0
Walk 1 *	-	-	-
Don't Walk 1	-	-	-
Seconds Per Actuation *	-	-	-
Max Variable Initial *	-	-	-
Time Before Reduction *	-	-	-
Time To Reduce *	-	-	-
Minimum Gap	-	-	-
Recall Mode	MIN RECALL	-	MIN RECALL
Vehicle Call Memory	YELLOW	-	YELLOW
Dual Entry	-	-	-
Simultaneous Gap	ON	ON	ON

* 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.

LEGEND

PROPOSED	EXISTING

Signal Upgrade

AECOM
NC Firm License No.: F-0342
5438 Wade Park Boulevard
Suite 200 Raleigh, NC 27607
Phone: 919-461-1100

Prepared for the Offices of: 750 N. Greenfield Pkwy, Garner, NC 27529	US 70 Business (Grantham Street) at US 13-117 Bypass NB Ramp Division 4 Wayne County Goldsboro PLAN DATE: February 2025 PREPARED BY: M. Tindal	REVIEWED BY: C.L. Kalencik REVIEWED BY: REVISIONS INIT. DATE	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED SEAL DocuSigned by: 3/27/2025 SIGNATURE DATE SIC. INVENTORY NO. 04-0756
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