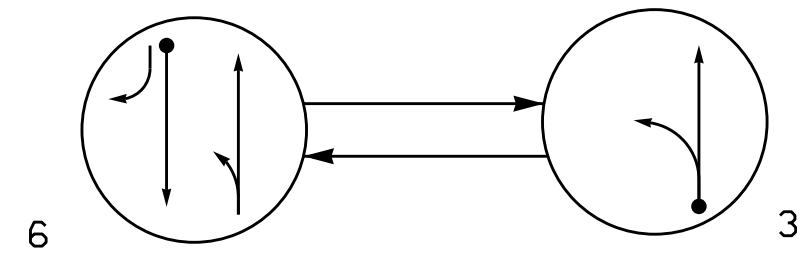


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

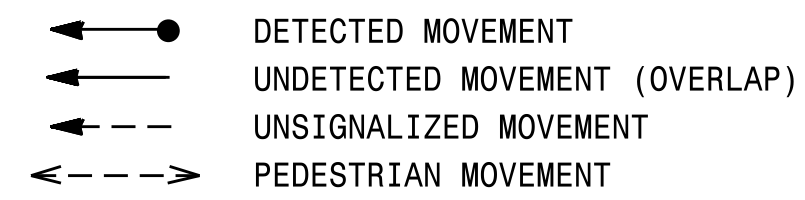
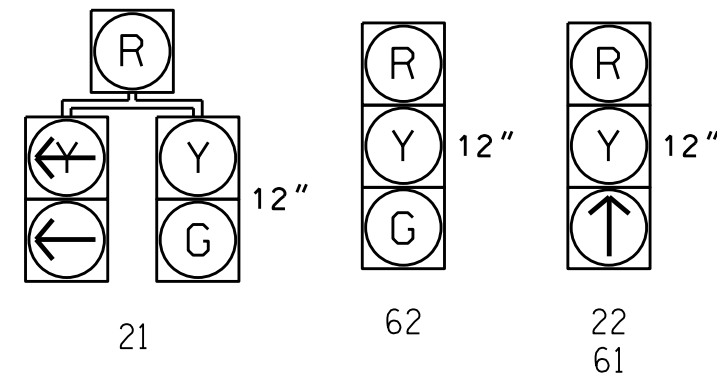


TABLE OF OPERATION	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

SIGNAL FACE	PHASE		
	3	6	FLASH
21		G	R
22	G	G	R
61	R	↑	R
62	R	G	R

SIGNAL FACE I.D.

All Heads L.E.D.



OASIS 2070 TIMING CHART		
FEATURE	PHASE	
	3	6
Min Green 1 *	7	10
Extension 1 *	2.0	3.0
Max Green 1 *	15	45
Yellow Clearance	3.0	3.9
Red Clearance	1.8	1.2
Red Revert	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
Vehicle Call Memory	-	YELLOW
Dual Entry	-	-
Simultaneous Gap	ON	ON

* These values may be field adjusted. Do not adjust Min Green and Extension times for phase 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

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	DELAY TIME	SYSTEM LOOP	NEW CARD
5A	6X40	0	2-4-2	-	3	Y	Y	-	-	15	-	-
6A	6X6	70	EXIST	-	6	Y	Y	-	-	-	-	-

2 Phase
Fully Actuated
(Winston-Salem Signal System)

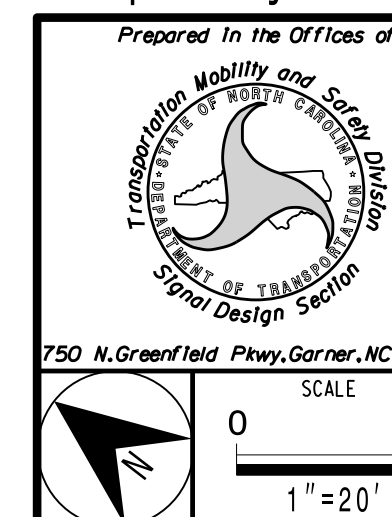
NOTES

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. Signal heads 21 and 22 have backplates.
4. Abandon existing loop 2A.
5. Set all detector units to presence mode.
6. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

LEGEND

PROPOSED		EXISTING
	Traffic Signal Head	
	Modified Signal Head	N/A
	Sign	
	Pedestrian Signal Head	
	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
	Controller & Cabinet	
	Junction Box	
-----	2-in Underground Conduct	-----
N/A	Right of Way	-----
	Directional Arrow	
N/A	Guardrail	
	Construction Zone Drums	
	Construction Zone	
	No Left Turn Sign (R3-2)	
	No Right Turn Sign (R3-1)	
	Street Name Sign By Others (D3-1)	
	Right Arrow "ONLY" Sign (R3-5R)	

Signal Upgrade -
Temporary Design 2 (TMP Phase II)



SR 2747 (Clemmonsville Road)
at
I-40 WB Ramp

Division 9	Forsyth County	Winston-Salem
PLAN DATE: September 2024	REVIEWED BY:	

[illegible]

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

