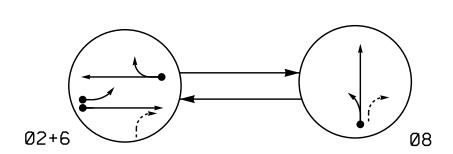
## PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

DETECTED MOVEMENT UNDETECTED MOVEMENT (OVERLAP)

UNSIGNALIZED MOVEMENT

≪--> PEDESTRIAN MOVEMENT

OASIS 2070

**FEATURE** 

Min Green 1 \*

Max Green 1 \*

Red Clearance

Red Revert

Walk 1 \*

Don't Walk 1

Seconds Per Actuation

Time Before Reduction

Max Variable Initial\*

Time To Reduce \*

Vehicle Call Memory

Minimum Gap

Recall Mode

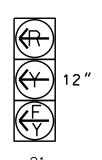
Dual Entry

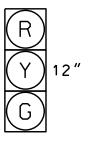
Yellow Clearance

TABLE OF OPERATION						
	PHASE					
SIGNAL FACE	Ø20+6	80 80	エのひて1			
21	누	#	<del>-</del> +			
22, 23	G	R	Υ			
61,62	G	R	Y			
81, 82	R	G	R			

## SIGNAL FACE I.D.

All Heads L.E.D.





22, 23 61,62 81, 82

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
2A	*	300	*	Υ	2	Υ	Υ	-	-	_	-	-
2B	6X40	0	2-4-2	Υ	2	Υ	Υ	Υ	-	3	-	-
6A/S4	6X6	300	4	Υ	6	Υ	Υ	-	-	-	Υ	_
8.8	6X40	0	2-4-2	Υ	8	Υ	Υ	_	-	_	_	_

\* Microwave Detection Zone

## 2 Phase Fully Actuated (NC 119 CLS)

## **NOTES**

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- 2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 3. Reposition existing signal heads and signs as shown.
- 4. Set all detector units to presence mode.
- 5. Program controller to operate using FYA compact mode.
- 6. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- 7. Closed loop system data: Controller Asset #: 0441.

	45 MPH -1% Grade	NC 119	21 22 23 4 35	Direct Bury 45	MPH 1% Grade  6AGA  NC 119	
70 TIMING CHART			IPH WB			
PHASE	, , , <b>,</b>		/I-85			
2         6         8           12         12         7			85 SB			
12 12 7 6.0 6.0 2.0			çυ <b>Ψ</b> ' □ S Ra			
90 90 25			Ramps			
4.6 4.6 3.7			<del>-</del>			

**PROPOSED** <u>EXISTING</u> Traffic Signal Head  $\bigcirc$ **-**Modified Signal Head N/A **O**-> Sign Pedestrian Signal Head With Push Button & Sign Signal Pole with Guy Signal Pole with Sidewalk Guy Inductive Loop Detector Controller & Cabinet Junction Box 2-in Underground Conduit Right of Way \_\_\_\_\_ N/A Guardrail Microwave Detector Microwave Detection Zone Construction Zone Construction Zone Drums "YIELD" Sign (R1-2) ⊗ No U-Turn/No Left Turn Sign (R3-18) 
 ⊗ No Right Turn Sign (R3-2)

> DOCUMENT NOT CONSIDERED FINAL UNLESS ALL

SIGNATURES COMPLETED

SEAL

026486

SIG. INVENTORY NO. 07-0441T2

LEGEND

Signal Upgrade Temporary Design 2 (TMP Phase II)



NC 119 I-40 WB/I-85 SB Ramps

Division 7 Alamance County PLAN DATE: November 2016 REVIEWED BY: 750 N.Greenfield Pkwy.Garner.NC 27529 PREPARED BY: I. O. UMOZUTIKE REVIEWED BY: INIT. DATE REVISIONS

\* 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.

1.0

2.0

1.5

15

45

3.0

MIN RECALL

YELLOW

1.0

2.0

1.5

15

45

3.0

MIN RECALL

YELLOW

ON

1.0

2.0

1"=50'