## PHASING DIAGRAM

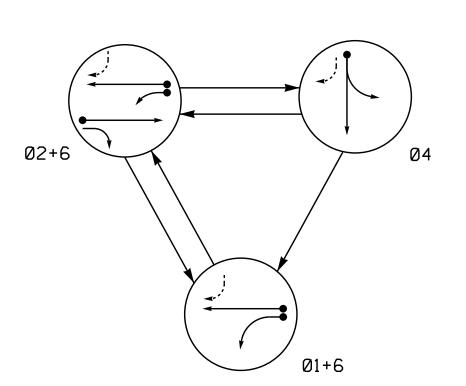


TABLE OF OPERATION						
		PHA	SE			
SIGNAL FACE	<b>◎</b> ~+5	Ø20+6	0 4	FLAOI		
11	<b>\</b>	누	#	<del>√</del>		
21, 22, 23	G	G	R	Υ		
41, 42	R	R	G	R		
61, 62	R	G	R	Υ		

12" R Y 12"		FACE I.D.
11 21, 22, 23 41, 42	(F)	21, 22, 23

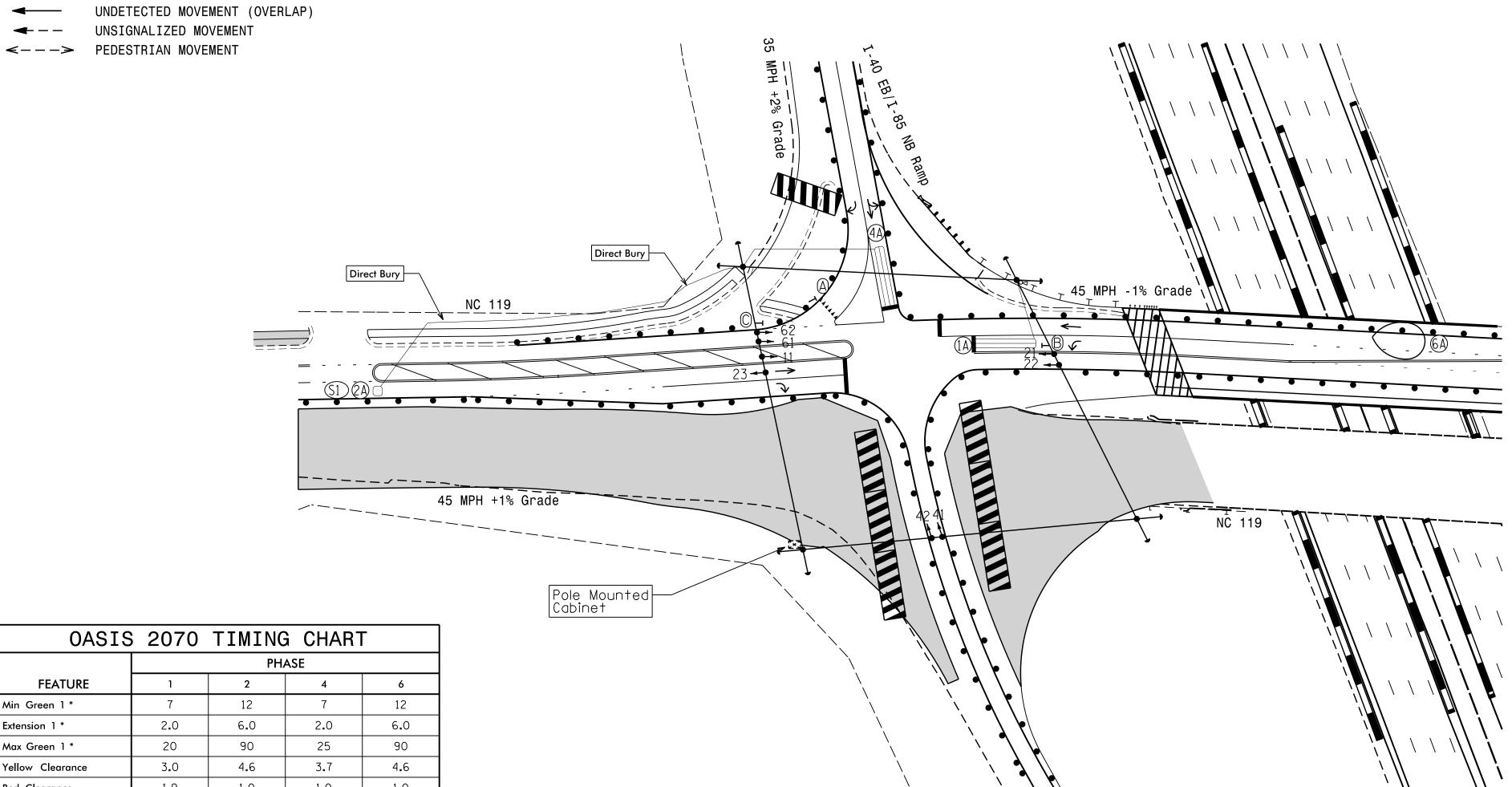
61,62

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
1 A	6X40	0 2	0 2-4-2 Y	V	1	Υ	Υ	ı	ı	15	-	_
1A				I	6	Υ	Υ	Υ	1	3	_	-
2A/S1	6X6	300	4	Υ	2	Y	Υ	ı	ı	_	Υ	-
4A	6X40	0	2-4-2	Υ	4	Υ	Υ	-	-	_	-	_
6A	*	300	*	Υ	6	Υ	Y	•	_	_	-	_

\* Microwave Detection Zone

## PHASING DIAGRAM DETECTION LEGEND

DETECTED MOVEMENT



3 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. Phase 1 may be lagged.
- 4. Reposition all existing signal heads as shown.
- 5. Set all detector units to presence mode.
- 6. Program controller to operate using FYA compact mode.
- 7. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- 8. Closed loop system data: Controller Asset #: 0440.

## **LEGEND**

	<u>EXISTING</u>
Traffic Signal Head	<b></b>
Modified Signal Head	N/A
Sign	$\overline{}$
Pedestrian Signal Head With Push Button & Sign	•
Signal Pole with Guy	
Signal Pole with Sidewalk Guy	
Inductive Loop Detector	
Controller & Cabinet	K K K
Junction Box	
2-in Underground Conduit	
Right of Way	
Guardrail	<del>-1 -1 -</del>
Microwave Detector	•
Microwave Detection Zone	$\bigcirc$
Construction Zone	
Construction Zone Drums	•
"YIELD" Sign (R1-2)	(A)
<del>-</del>	18) B
No Right Turn Sign (R3-2)	0
	Modified Signal Head 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 Guardrail Microwave Detector Microwave Detector Construction Zone Construction Zone Drums "YIELD" Sign (R1-2) U-Turn/No Left Turn Sign (R3-

OASIS	2070	TIMING	G CHART	Γ		
	PHASE					
FEATURE	1	2	4			
Min Green 1 *	7	12	7	12		
Extension 1 *	2.0	6.0	2.0	6.0		
Max Green 1 *	20	90	25	90		
Yellow Clearance	3.0	4.6	3.7	4.6		
Red Clearance	1.9	1.0	1.0	1.0		
Red Revert	2.0	2.0	2.0	2.0		
Walk 1 *	ı	-	-	-		
Don't Walk 1	ı	-	-	-		
Seconds Per Actuation *	-	2.5	-	2.5		
Max Variable Initial *	ı	34	-	34		
Time Before Reduction *	-	15	-	15		
Time To Reduce *	-	45	-	45		
Minimum Gap	-	3.0	-	3.0		
Recall Mode	-	MIN RECALL	-	MIN RECALL		
Vehicle Call Memory	-	YELLOW	-	YELLOW		
Dual Entry	-	_	-	_		

phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

Signal Upgrade Temporary Design 2 (TMP Phase II & III) DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED NC 119 I-40 EB/I-85 NB Ramps Division 7 Alamance County PLAN DATE: September 2016 REVIEWED BY: 750 N.Greenfleid Pkwy.Garner.NC 27529 PREPARED BY: I. O. UMOZUTIKE REVIEWED BY: INIT. DATE

Simultaneous Gap