

PHASING DIAGRAM

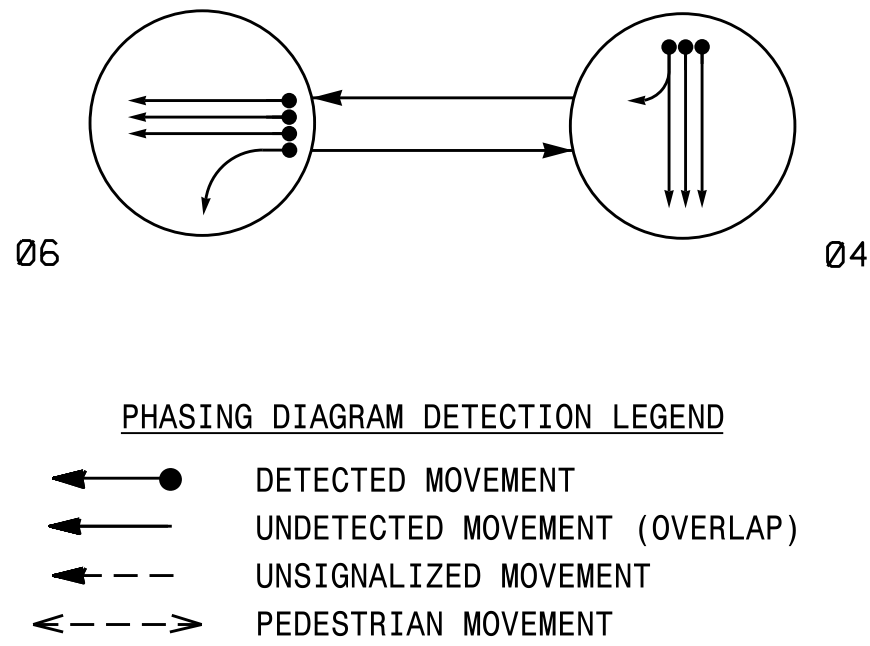


TABLE OF OPERATION				
SIGNAL FACE	PHASE			
	Ø 6	Ø 4	F L	
4l, 42	R	G	R	
6l, 62, 63	G	R	Y	

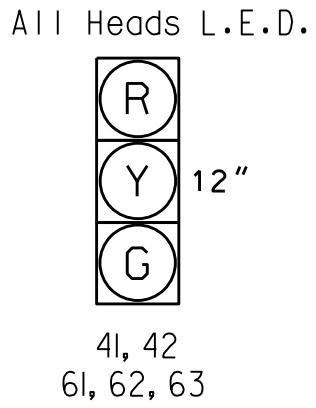
OASIS 2070 LOOP & DETECTOR INSTALLATION CHART												
INDUCTIVE LOOPS				DETECTOR PROGRAMMING								
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
4A	6X6	200	3	-	4	-	Y	-	-	-	-	-
4B	6X6	200	3	-	4	-	Y	-	-	-	-	-
4C	6X6	200	3	-	4	-	Y	-	-	-	-	-
4D	6X40	0	2-4-2	-	4	Y	Y	Y	2.0	5	-	-
4E	6X40	0	2-4-2	-	4	Y	Y	Y	2.0	5	-	-
4F	6X40	0	2-4-2	-	4	Y	Y	Y	2.0	5	-	-
6A	6X6	250	5	-	6	Y	Y	-	-	-	-	-
6B	6X6	250	5	-	6	Y	Y	-	-	-	-	-
6C	6X6	250	5	-	6	Y	Y	-	-	-	-	-
6D	6X6	250	5	-	6	Y	Y	-	-	-	-	-

2 Phase
Fully Actuated
Wilmington Signal System

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. Set all detector units to presence mode.
4. Pavement markings are existing.
5. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
6. Signal system data:
Controller Asset # 0080.

SIGNAL FACE I.D.




OASIS 2070 TIMING CHART		
FEATURE	PHASE	
	4	6
Min Green 1 *	7	10
Extension 1 *	5.0	6.0
Max Green 1 *	30	60
Yellow Clearance	3.8	3.8
Red Clearance	1.4	1.1
Walk 1 *	-	-
Don't Walk 1	-	-
Seconds Per Actuation *	-	1.3
Max Variable Initial *	-	24
Time Before Reduction *	5	10
Time To Reduce *	10	20
Minimum Gap	2.5	3.0
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.

Plan of Record			
PREPARED BY:	Jeff Spence	DATE:	April 2015
REVIEWED BY:	PL Alexander	DATE:	April 2015
SIGNATURE:	<i>P.L. Alexander</i>	DATE:	5/1/2015
COMMENTS			
Revised spans and pavement markings.....			
This plan of record reflects existing field conditions as submitted by field personnel. This plan may have been modified from its original state.			

PROPOSED		EXISTING
	Traffic Signal Head	N/A
	Modified Signal Head	N/A
	Sign	N/A
	Pedestrian Signal Head With Push Button & Sign	N/A
	Signal Pole with Guy	N/A
	Signal Pole with Sidewalk Guy	N/A
	Inductive Loop Detector	N/A
	Controller & Cabinet	N/A
	Junction Box	N/A
	2-in Underground Conduit	N/A
	Right of Way	N/A
	Directional Arrow	N/A
	Left Arrow "ONLY" Sign (R3-5L)	N/A
	No Right Turn Sign (R3-1)	N/A
	No Left Turn Sign (R3-2)	N/A
	Street Name Sign	N/A

Plan of Record

 750 N. Greenfield Pkwy, Garner, NC 27529	US 76 WB (Wooster Street) at SR 2816/1218 (S 16th Street)		SEAL	
	Division 3 New Hanover County Wilmington		Not a certified document. This document originally Issued and sealed by Robert J. Ziemba, 26486 on 5/13/08 This document shall not be considered a certified document.	
	PLAN DATE: January 2008	REVIEWED BY:	REVISIONS	INIT. DATE
	PREPARED BY: Sterling	REVIEWED BY:	V. Revise phase 4 to EC/DC	PLA 11/22/11
SCALE 0 20 1"=20'		SIGNATURE DATE		
		SIG. INVENTORY NO. 03-0080		