

PHASING DIAGRAM

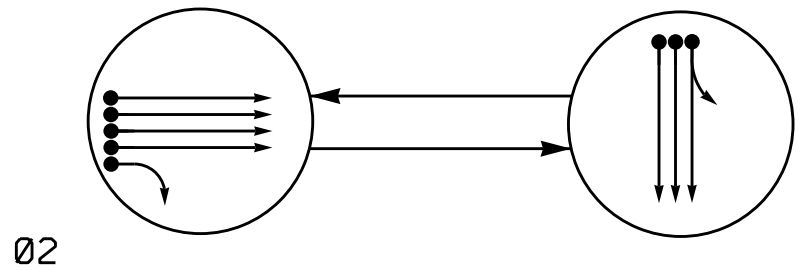


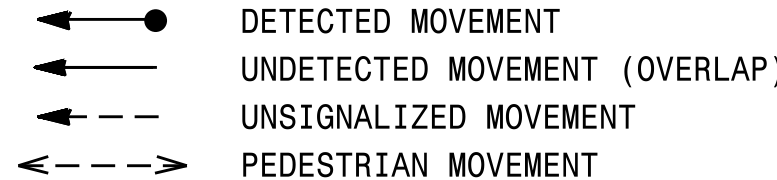
TABLE OF OPERATION	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
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77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

SIGNAL FACE	PHASE		
	0 2	0 4	F L A S H
21,22,23,24	G	R	Y
41,42	R	G	R

OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

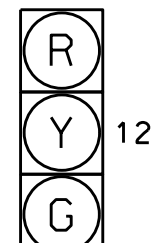
INDUCTIVE LOOPS					DETECTOR PROGRAMMING					
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP
2A	6X6	250	Existing	-	2	Y Y	-	—	—	-
2B	6X6	250	Existing	-	2	Y Y	-	—	—	-
2C	6X6	250	Existing	-	2	Y Y	-	—	—	-
2D	6X6	250	Existing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

PHASING DIAGRAM DETECTION LEGEND



SIGNAL FACE I.D

All Heads L.E.D.



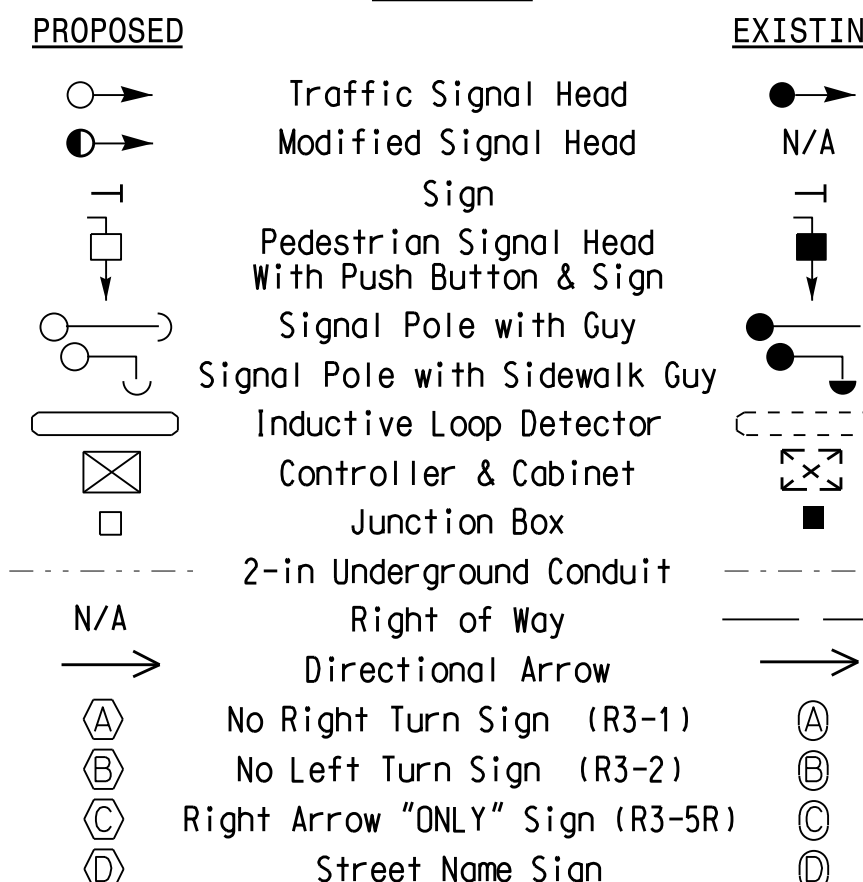
21,22
23,24
41,42

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 # 0028.

LEGEND



OASTS 2070 TIMING CHART

FEATURE	PHASE	
	2	4
Min Green 1 *	10	7
Extension 1 *	6.0	5.0
Max Green 1 *	60	30
Yellow Clearance	3.9	3.8
Red Clearance	1.0	1.5
Walk 1 *	-	-
Don't Walk 1	-	-
Seconds Per Actuation *	1.0	-
Max Variable Initial *	24	-
Time Before Reduction *	10	0
Time To Reduce *	20	15
Minimum Gap	3.0	2.5
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 2 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: PL Alexander DATE: 4/15/2015

B4756E00CE4E46D...	COMMENTS
	Revised spans and corrected EB stopbar location.
	This plan of record reflects existing field conditions as submitted by field personnel. This plan may have been modified from its original state.

Plan of Record

