

PHASING DIAGRAM

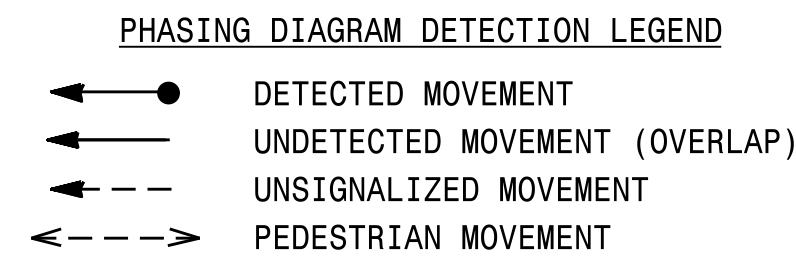
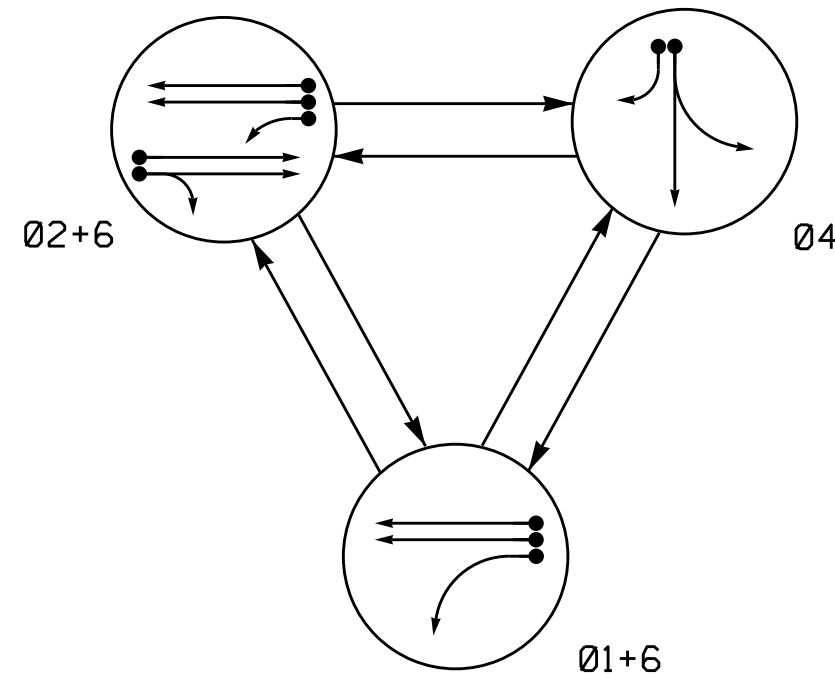
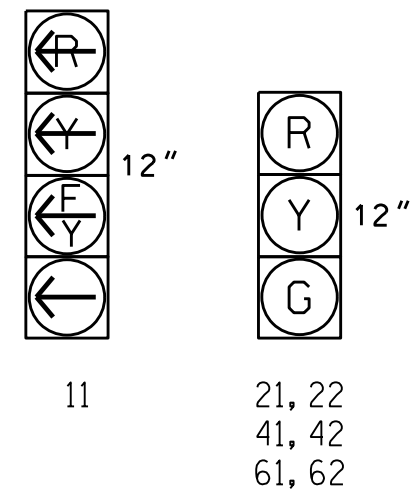


TABLE OF OPERATION

SIGNAL FACE	PHASE			
	Ø 1 + 6	Ø 2 + 6	Ø 4	F L
11	←	←	←	←
21, 22	R	G	R	Y
41, 42	R	R	G	R
61, 62	G	G	R	Y

SIGNAL FACE I.D.

All Heads L.E.D.



OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING				SYSTEM LOOP	NEW CARD	
					PHASE	CALLING	EXTENSION	FULL TIME DELAY			
1A	6X60	+5	2-4-2	-	1	Y	Y	-	15	-	Y
2A, 2B	6X6	300	EXIST	-	2	Y	Y	-	-	-	Y
2C, 2D	6X6	90	EXIST	-	DISCONNECT				-	-	
4A	6X60	+5	2-4-2	-	4	Y	Y	-	-	-	Y
4B	6X60	+5	2-4-2	-	4	Y	Y	-	15	-	Y
6A, 6B	6X6	475	EXIST	-	6	Y	Y	-	-	-	Y
6C, 6D	6X6	90	EXIST	-	DISCONNECT				-	-	

3 Phase Fully Actuated (High Point Signal System)

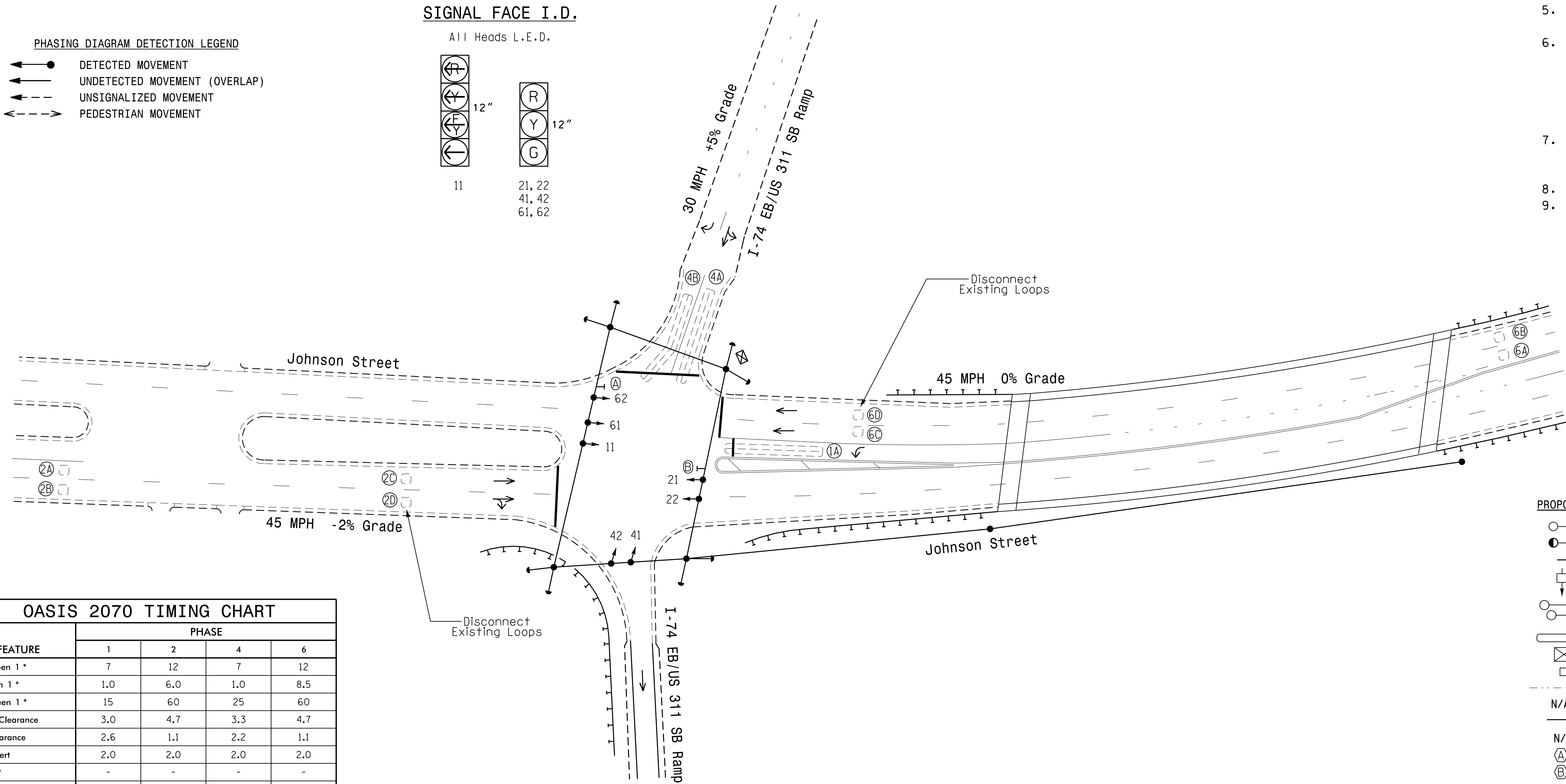
NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Phase 1 may be lagged.
- Disconnect existing loops 2C, 2D, 6C, and 6D.
- Set all detector units to presence mode.
- In the event of loop replacement, refer to the current ITS and Signals Design Manual and submit a Plan of Record to the Signal Design Section.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- Pavement markings are existing.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

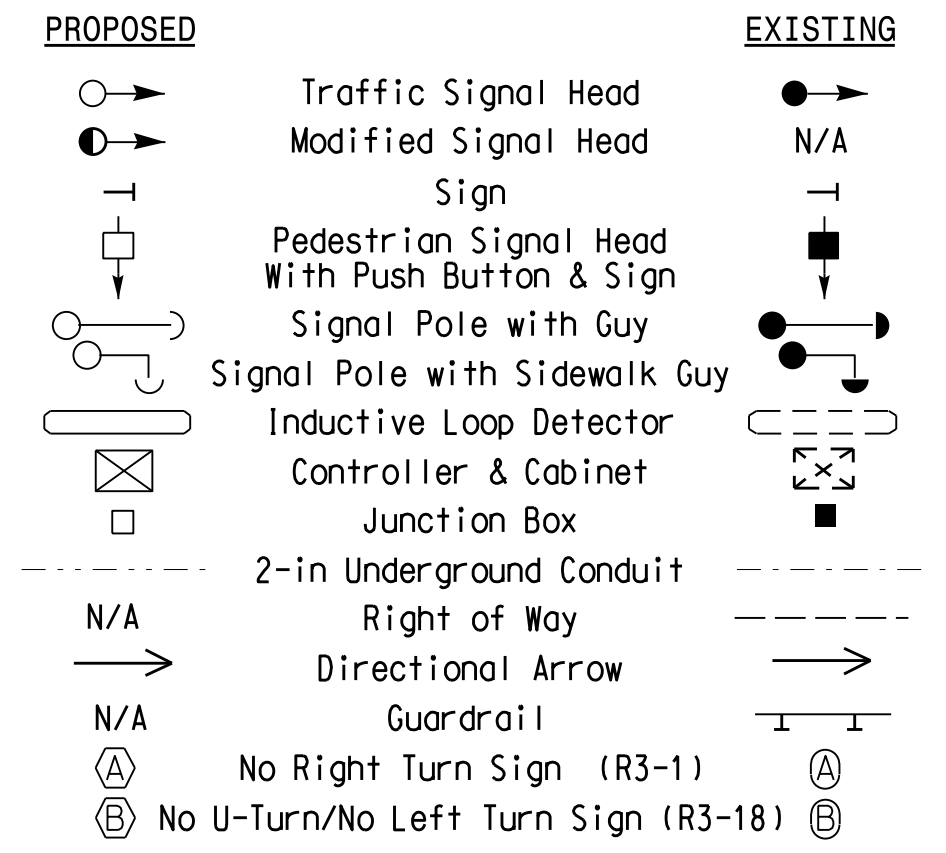
OASIS 2070 TIMING CHART

FEATURE	PHASE			
	1	2	4	6
Min Green 1 *	7	12	7	12
Extension 1 *	1.0	6.0	1.0	8.5
Max Green 1 *	15	60	25	60
Yellow Clearance	3.0	4.7	3.3	4.7
Red Clearance	2.6	1.1	2.2	1.1
Red Revert	2.0	2.0	2.0	2.0
Walk 1 *	-	-	-	-
Don't Walk 1	-	-	-	-
Seconds Per Actuation *	-	1.5	-	1.5
Max Variable Initial *	-	34	-	52
Time Before Reduction *	-	15	-	15
Time To Reduce *	-	30	-	30
Minimum Gap	-	3.0	-	3.0
Recall Mode **	-	SOFT RECALL	-	SOFT RECALL
Vehicle Call Memory	-	YELLOW	-	YELLOW
Dual Entry	-	-	-	-
Simultaneous Gap	ON	ON	ON	ON

\* 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.  
 \*\* May be changed to Min Recall by Time of Day at discretion of City Traffic Engineer.



LEGEND



Signal Upgrade

Prepared In the Offices of:

**Johnson Street at I-74 EB/US 311 SB Ramps**

Division 7 Guilford County High Point

PLAN DATE: January 2014 REVIEWED BY:

PREPARED BY: T.L. Averette REVIEWED BY:

REVISIONS: INIT. DATE

SCALE: 1"=40'

DATE: 4/22/2015

SIG. INVENTORY NO. 07-1265

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