



OASIS 2070 TIMING CHART						
	PHASE					
FEATURE	2	3	4	5	6	
Min Green 1 *	12	7	7	10	12	
Extension 1 *	6.0	1.0	1.0	1.0	6.0	
Max Green 1 *	110	15	15	15	110	
Yellow Clearance	5.2	4.2	4.4	3.0	5.2	
Red Clearance	1.0	1.5	1.3	1.9	1.0	
Red Revert	2.0	2.0	2.0	2.0	2.0	
Walk 1 *	-	-	-	-	-	
Don't Walk 1	-	-	-	-	-	
Seconds Per Actuation *	2.0	-	-	-	1.3	
Max Variable Initial *	34	-	-	-	34	
Time Before Reduction *	15	-	-	-	15	
Time To Reduce *	50	=	-	-	30	
Minimum Gap	3.4	-	-	-	3.4	
Recall Mode	MIN RECALL	-	-	-	MIN RECAL	
Vehicle Call Memory	YELLOW	-	-	-	YELLOW	
Dual Entry	-	-	-	-	-	
Simultaneous Gap	ON	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

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard

> Structures" dated January 2012. 2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.

Specifications for Roads and

3. Phase 5 may be lagged.

4. The order of phase 3 and phase 4 may be reversed.

5. Reposition existing signal heads numbered 21,62 & 63.

6. 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.

7. Remove existing "Left Turn Yield on Green" sign -(R10-12) adjacent to head 51.

8. Set all detector units to presence mode.

9. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.

10. Pavement markings are existing.

11. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

	LEGEND	
<u>PROPOSED</u>		EXISTING
\bigcirc	Traffic Signal Head	
O	Modified Signal Head	N/A
\dashv	Sign	\dashv
\downarrow	Pedestrian Signal Head With Push Button & Sign	•
\bigcirc	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
	Controller & Cabinet	r×7
	Junction Box	
	2-in Underground Conduit	
N/A	Right of Way	

Directional Arrow Left Arrow "ONLY" Sign (R3-5L)

