

		OASIS	2070	TIMING	CHART				
	PHASE								
FEATURE	1	2	4	6	8	TOL B	TOL D		
Min Green 1 *	7	10	7	10	7	8	8		
Extension 1 *	2.0	3.0	4.0	3.0	2.0	-	-		
Max Green 1 *	15	45	35	45	35	-	-		
Yellow Clearance	3.0	4.1	3.6	4.1	4.2	4.2	3.6		
Red Clearance	2.1	1.4	1.5	1.4	1.2	1.2	1.5		
Red Revert	2.0	2.0	2.0	2.0	2.0	2.0	2.0		
Walk 1 *	-	_	4	4	4	-	-		
Don't Walk 1	-	_	10	7	12	-	-		
Seconds Per Actuation *	-	_	-	_	-	-	-		
Max Variable Initial *	-	_	-	-	-	-	-		
Time Before Reduction *	-	_	-	-	-	-	-		
Time To Reduce *	-	_	-	_	-	-	-		
Minimum Gap	-	_	-	_	-	-	-		
Recall Mode	-	MIN RECALL	-	MIN RECALL	-	-	-		
Vehicle Call Memory	-	YELLOW	-	YELLOW	-	-	-		
Dual Entry	-	-	ON	_	ON	-	-		
Simultaneous Gap	ON	ON	ON	ON	ON	_	_		

C-5558	Sig. 209.
PROJECT REFERENCE NO.	SHEET NO.

4 Phase Fully Actuated w/Railroad Preemption (High Point Signal System)

NOTES

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- 2. This location contains railroad preemption phasing. Do not program signal for late night flashing operation.
- 3. Phase 1 may be lagged.
- 4. Set all detector units to presence mode.
- 5. 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.
- 6. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 7. Install new signal cable for signal heads 11 and 21.
- 8. Program controller to start up in phase 4+8 green.
- 9. Reposition existing signal heads 22, 23 and 62, and install new signal cable as necessary. 10. Omit "WALK" and "DON'T WALK" with no pedestrian
- calls. 11. Program pedestrian heads to countdown the
- flashing "Don't Walk" time only.
- 12. Pavement markings are existing.
- 13. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values
- supersede these values.
- 14. Program parent phases for Overlap "P" for all phases used in normal operation.
- 15. Ensure flashing operation does not alter
- operation of blankout signs.
- 16. Remove blankout sign G. 17. Program School Flashers to operate as directed by the Engineer.
- C&G 18. The City Traffic Engineer will determine
 - the hours of use for the school warning beacons.







Signal Upgrade

(R8-8)

(R8-10)

ared for the Offices of:	E. Washingt	SEAL		
	Gordon a N. Hoskir	SEAL		
ROLINA'S INTERNATIONAL CITY"	Division 07 Guilfo	High Point	025892	
rtment of Transportation 211 S.Hamilton Street ligh Point,NC 27260	PLAN DATE: July 2014	REVIEWED BY:	LM Moon	AT ANGINEER AND AND
	PREPARED BY: Lawson/Jones	REVIEWED BY:	MB Toth	SA B. Tunnin
SCALE	REVISIONS		INIT. DATE	DocuSigned by:
0 20		SIG. INVENTORY NO. HP0708		

35 mph

1.5% grade

_ _ _ EOP