

OASIS	2070	TIMING	G CHART	Ī
	PHASE			
FEATURE	2	5	6	8
Min Green 1 *	10	7	10	7
Extension 1 *	3.0	2.0	3.0	2.0
Max Green 1 *	45	15	45	20
Yellow Clearance	3.8	3.0	3.8	3.3
Red Clearance	1.5	1.8	1 <b>.</b> 5	1.8
Red Revert	2.0	2.0	2.0	2.0
Walk 1 *	-	-	-	-
Don't Walk 1	-	-	-	-
Seconds Per Actuation *	-	-	-	-
Max Variable Initial *	-	-	-	-
Time Before Reduction *	-	-	-	-
Time To Reduce *	-	-	-	-
Minimum Gap	-	-	-	-
Recall Mode**	SOFT RECALL	-	SOFT RECALL	-
Vehicle Call Memory	-	-	-	-
Dual Entry	-	-	-	-
Simultaneous Gap	ON	ON	ON	ON

Change to Combo Thru-Left Arrow in Field

## 3 Phase Fully Actuated (High Point Signal System)

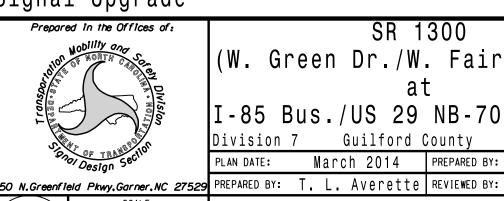
## **NOTES**

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- 2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 3. Phase 5 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. Existing Left Arrow "ONLY" sign (R3-5L) may be removed at the direction of the Engineer.
- 7. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 8. Pavement markings are existing.
- 9. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

## LEGEND

PROPOSED		<u>EXISTING</u>
$\bigcirc$	Traffic Signal Head	<b></b>
<b>O</b>	Modified Signal Head	N/A
$\dashv$	Sign	$\dashv$
<b>↓</b>	Pedestrian Signal Head With Push Button & Sign	<b>•</b>
$\bigcirc \hspace{-1em} \longrightarrow \hspace{-1em} )$	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	$\subset = = = = = = = = = = = = = = = = = = =$
	Controller & Cabinet	K×7
	Junction Box	
	2-in Underground Conduit	
N/A	Right of Way	
$\longrightarrow$	Directional Arrow	$\longrightarrow$
N/A	Guardrail	<del></del>
$\langle A \rangle$	No Right Turn Sign (R3-1)	$\triangle$
B	Left Arrow "ONLY" Sign (R3-5L)	) B
<b>©</b>	No Left Turn Sign (R3-2)	$\bigcirc$

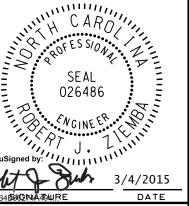
Signal Upgrade



(W. Green Dr./W. Fairfield Rd.

1-85 Bus./US 29 NB-70 EB Ramps

March 2014 PREPARED BY: R.N. Zinser REVISIONS INIT. DATE



SEAL

<sup>\*</sup> 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.

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