

 DETECTED MOVEMENT
 UNDETECTED MOVEMENT (OVERLAP)
 UNSIGNALIZED MOVEMENT
 PEDESTRIAN MOVEMENT

SIGNAL FACE	PHASE				
	0 1 + 5	0 1 + 6	0 2 + 5	0 2 + 6	F L A S H
11, 12	G	G	R	R	R
13		←	←	←	←
21, 22, 23	R	R	G	G	Y
51, 52, 53	G	R	G	G	R
61, 62, 63	R	G	R	G	Y

All Heads L.E.D.
Denotes Louvers

	12"		12"		12"
13		11, 12 21, 22, 23 53 61, 62, 63		51, 52	

[illegible]

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated July 2006 and "Standard Specifications for Roads and Structures" dated July 2006.
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Phase 1 and/or phase 5 may be lagged.
4. Reposition existing signal heads numbered 21, 22, 61, and 62.
5. Set all detector units to presence mode.
6. In the event of loop replacement, refer to the current ITS & Signals Design Manual and submit a Plan of Record to the Signal Design Section.
7. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
8. Change controller operating software from 2070 OASIS to 2070 SE-PAC.

FEATURE	PHASE			
	1	2	5	6
Min Green *	7	12	7	12
Passage Gap *	1.0	6.0	1.0	6.0
Maximum Green *	25	120	40	120
Yellow Change	3.0	4.5	3.0	4.4
Red Clear	2.3	1.4	2.4	1.2
Walk *	-	-	-	-
Pedestrian Clear	-	-	-	-
Added Initial *	-	1.5	-	1.5
Maximum Initial *	-	34	-	34
Time Before Reduction *	-	20	-	20
Time To Reduce *	-	40	-	40
Minimum Gap	-	3.0	-	3.0
Recall Mode	-	MIN RECALL	-	MIN RECALL
Vehicle Call Memory	NON-LOCK	LOCK	NON-LOCK	LOCK
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.

PROPOSED		EXISTING
	Traffic Signal Head	
	Modified Signal Head	N/A
	Sign	
	Pedestrian Signal Head	
	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
	Controller and Cabinet	
	Junction Box	
-----	2-in Underground Conduit	-----
N/A	Right of Way	-----
	Directional Arrow	
(A)	"NO RIGHT TURN" Sign (R3-1)	(A)

This plan supersedes the plan signed and sealed on 12/7/07.

[illegible]