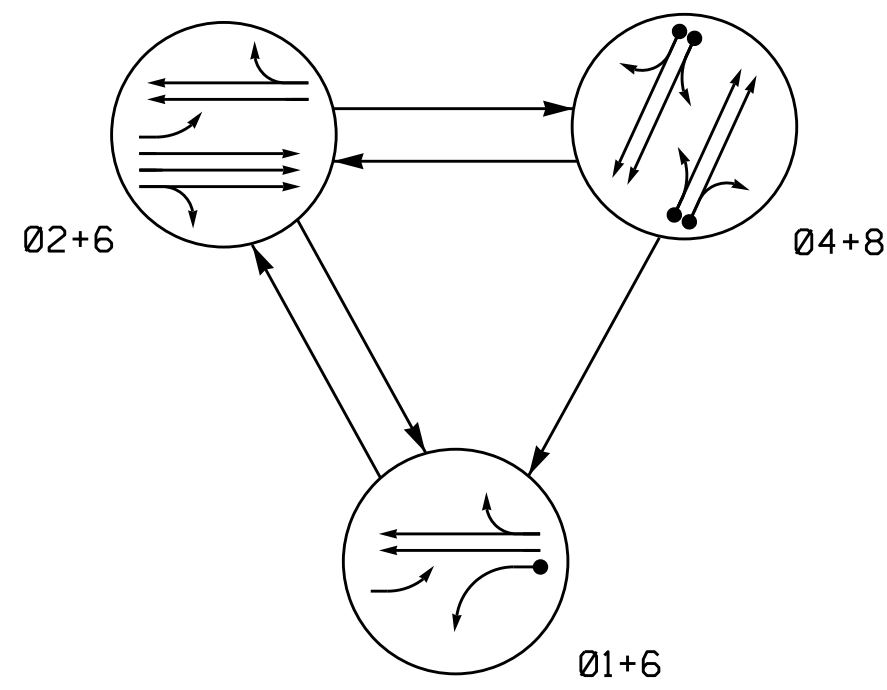
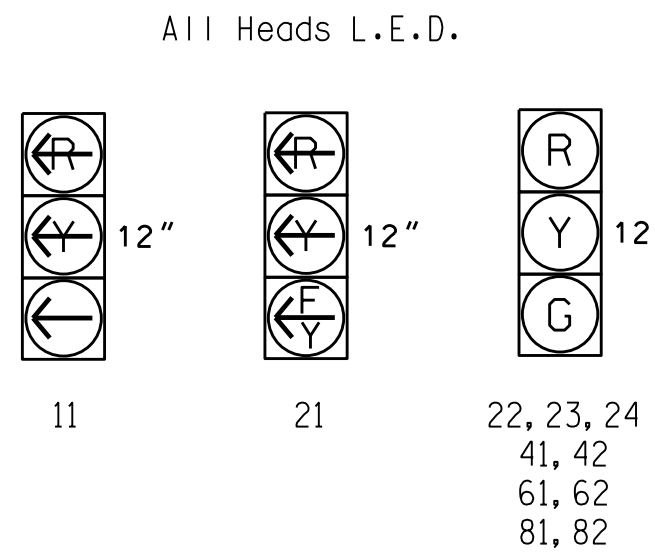


PHASING DIAGRAM



SIGNAL FACE	PHASE			
	01+6	02+6	04+8	F
11	←	←	←	←
21	←	←	←	←
22, 23, 24	R	G	R	Y
41, 42	R	R	G	R
61, 62	G	G	R	Y
81, 82	R	R	G	R

SIGNAL FACE I.D.



LOOP	INDUCTIVE LOOPS			DETECTOR PROGRAMMING								
	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
1A	6X60	+5	2-4-2	-	1	Y	Y	-	-	-	-	Y
4A	6X40	0	2-4-2	-	4	Y	Y	-	-	3	-	Y
4B	6X40	0	2-4-2	-	4	Y	Y	-	-	10	-	Y
8A	6X40	0	2-4-2	-	8	Y	Y	-	-	3	-	Y
8B	6X40	0	2-4-2	-	8	Y	Y	-	-	10	-	Y
S1	6X6	+135	EXIST	-	-	-	-	-	-	-	Y	Y
S2	6X6	+135	EXIST	-	-	-	-	-	-	-	Y	Y

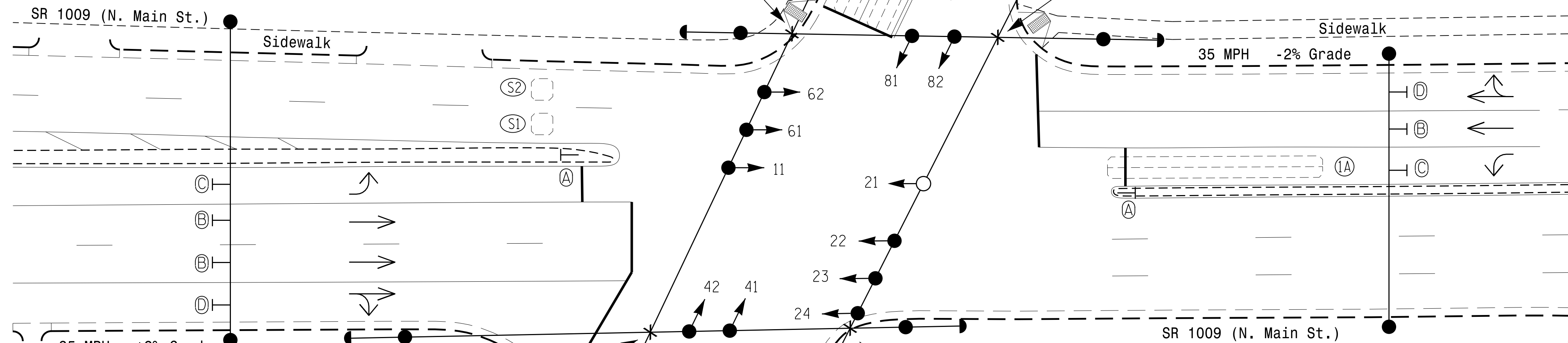
3 Phase Semi Actuated (High Point Signal System)

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 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. Existing lane control signs may be removed at the direction of the Engineer.
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.

PHASING DIAGRAM DETECTION LEGEND

- ← ● DETECTED MOVEMENT
- ← ○ UNDETECTED MOVEMENT (OVERLAP)
- ← - - - UNSIGNALIZED MOVEMENT
- ← - - - PEDESTRIAN MOVEMENT



OASIS 2070 TIMING CHART

FEATURE	PHASE				
	1	2	4	6	8
Min Green 1 *	7	10	7	10	7
Extension 1 *	2.0	-	2.0	-	2.0
Max Green 1 *	15	45	25	45	25
Yellow Clearance	3.0	4.0	4.1	4.0	3.7
Red Clearance	3.6	2.5	1.9	2.5	2.1
Red Revert	2.0	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	-	MAX RECALL	-	MAX RECALL	-
Vehicle Call Memory	-	-	-	-	-
Dual Entry	-	-	ON	-	ON
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.

LEGEND

- | | | | |
|-----|--|-------|--|
| ○ → | PROPOSED Traffic Signal Head | ● → | EXISTING Traffic Signal Head |
| ○ → | PROPOSED Modified Signal Head | N/A | EXISTING Modified Signal Head |
| ○ | PROPOSED Sign | N/A | EXISTING Sign |
| ○ | PROPOSED Pedestrian Signal Head | ○ | EXISTING Pedestrian Signal Head |
| ○ | PROPOSED With Push Button & Sign | ○ | EXISTING With Push Button & Sign |
| ○ | PROPOSED Signal Pole with Guy | ○ | EXISTING Signal Pole with Guy |
| ○ | PROPOSED Signal Pole with Sidewalk Guy | ○ | EXISTING Signal Pole with Sidewalk Guy |
| ○ | PROPOSED Inductive Loop Detector | ○ | EXISTING Inductive Loop Detector |
| ○ | PROPOSED Controller & Cabinet | ○ | EXISTING Controller & Cabinet |
| ○ | PROPOSED Junction Box | ○ | EXISTING Junction Box |
| ○ | PROPOSED 2-in Underground Conduit | ○ | EXISTING 2-in Underground Conduit |
| N/A | PROPOSED Right of Way | - - - | EXISTING Right of Way |
| N/A | PROPOSED Directional Arrow | → | EXISTING Directional Arrow |
| N/A | PROPOSED Curb Ramp | ↗ | EXISTING Curb Ramp |
| ○ | PROPOSED No U-Turn Sign (R3-4) | ○ | EXISTING No U-Turn Sign (R3-4) |
| ○ | PROPOSED Through Arrow "ONLY" Sign (R3-5A) | ○ | EXISTING Through Arrow "ONLY" Sign (R3-5A) |
| ○ | PROPOSED Left Arrow "ONLY" Sign (R3-5L) | ○ | EXISTING Left Arrow "ONLY" Sign (R3-5L) |
| ○ | PROPOSED Combined Through and Right Arrow Sign (R3-6R) | ○ | EXISTING Combined Through and Right Arrow Sign (R3-6R) |

Signal Upgrade

	SR 1009 (N. Main St.) at Parris Avenue		SEAL
	Division 7 Guilford County High Point PLAN DATE: March 2014 PREPARED BY: R.N. Zinser	REVIEWED BY: REVIEWED BY:	
SCALE: 1"=20' 	REVISIONS:	INIT. DATE:	SIG. INVENTORY NO. 07-0216

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