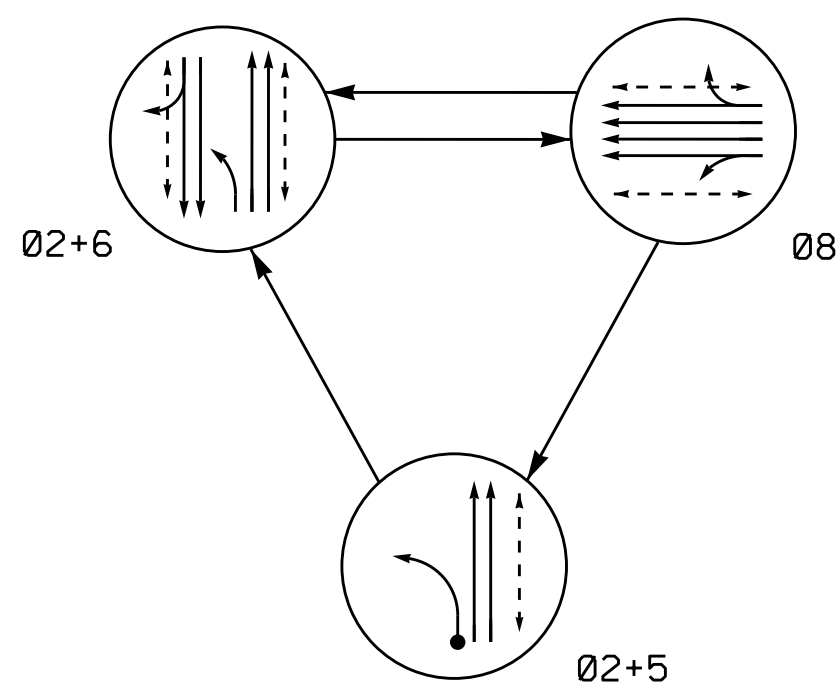


PHASING DIAGRAM



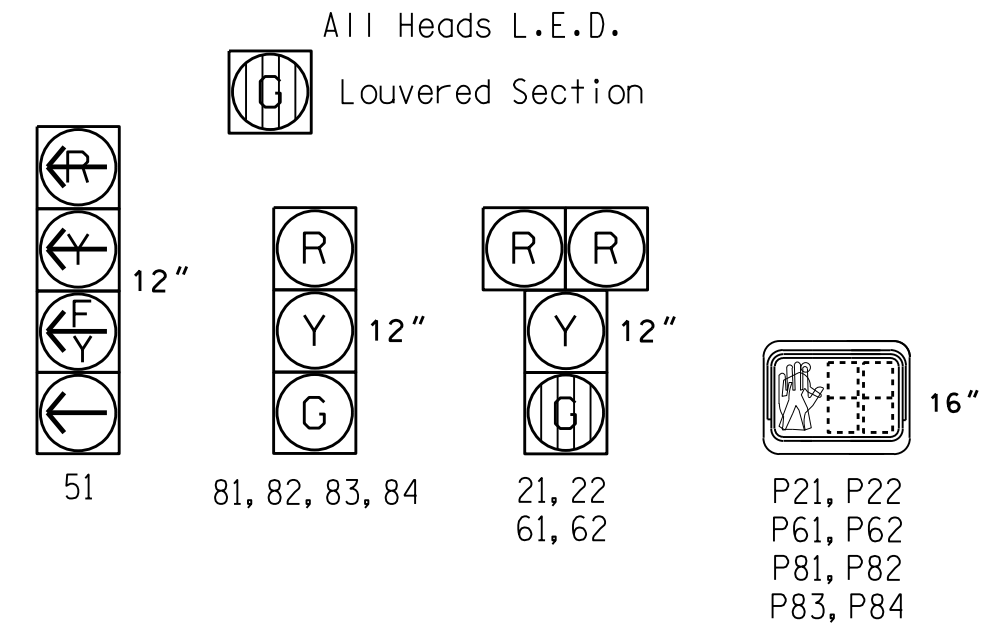
PHASING DIAGRAM DETECTION LEGEND
 ● ← DETECTED MOVEMENT
 ○ ← UNDETECTED MOVEMENT (OVERLAP)
 - - - ← UNSIGNALIZED MOVEMENT
 - - - ← PEDESTRIAN MOVEMENT

SIGNAL FACE	PHASE			
	02+5	02+6	08	F
21, 22	G	G	R	Y
51	-	F	R	Y
61, 62	R	G	R	Y
81, 82, 83, 84	R	R	G	R
P21, P22	DW	W	DW	DRK
P61, P62	DW	W	DW	DRK
P81, P82	DW	DW	W	DRK
P83, P84	DW	DW	W	DRK

W - Walk
 DW - Don't Walk
 DRK - Dark

OASIS 2070 LOOP & DETECTOR INSTALLATION CHART												
INDUCTIVE LOOPS				DETECTOR PROGRAMMING								
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
5A	6X40	0	2-4-2	Y	5	Y	Y	-	-	15	-	Y

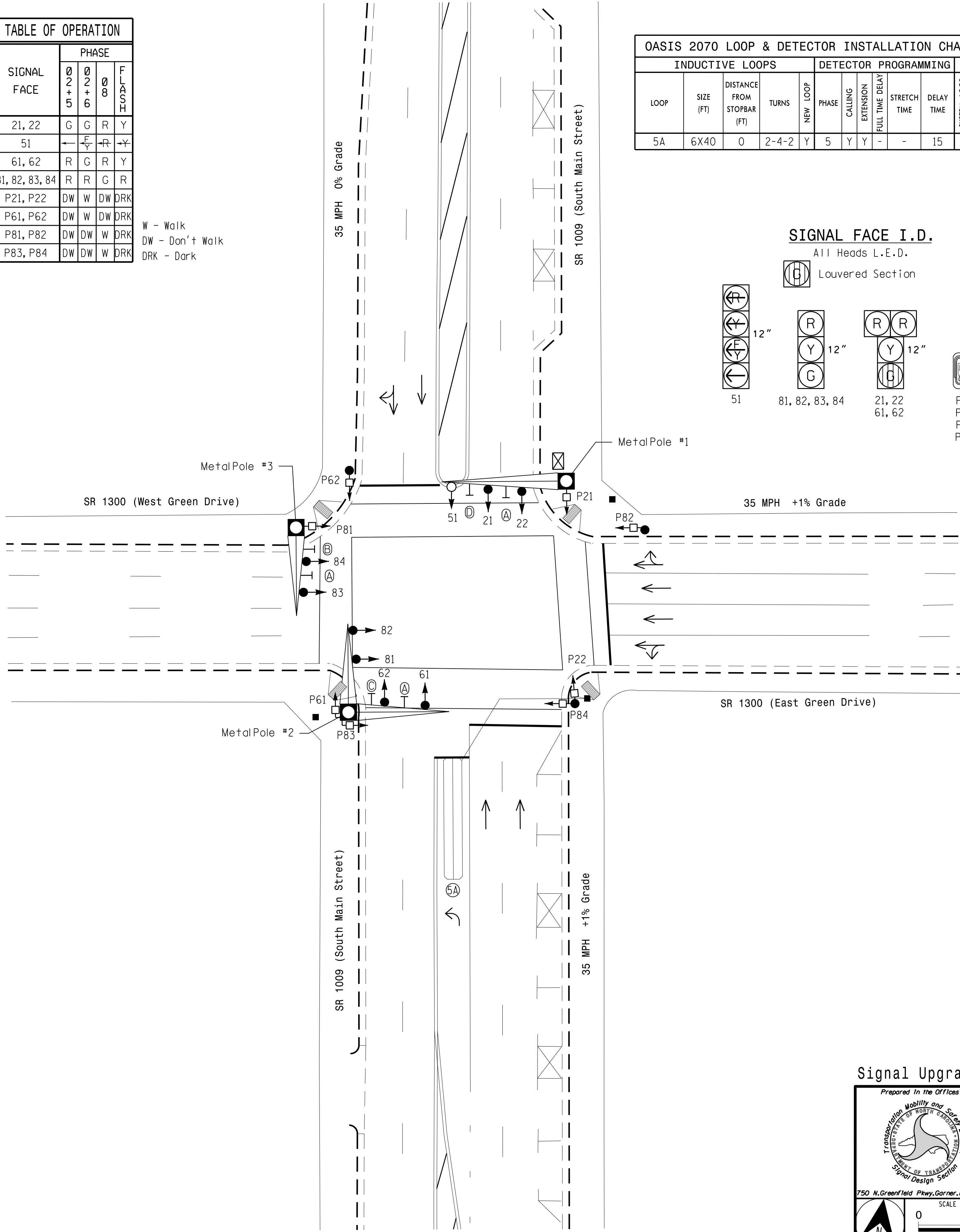
SIGNAL FACE I.D.



3 Phase Semi-Actuated (High Point Signal System)

NOTES

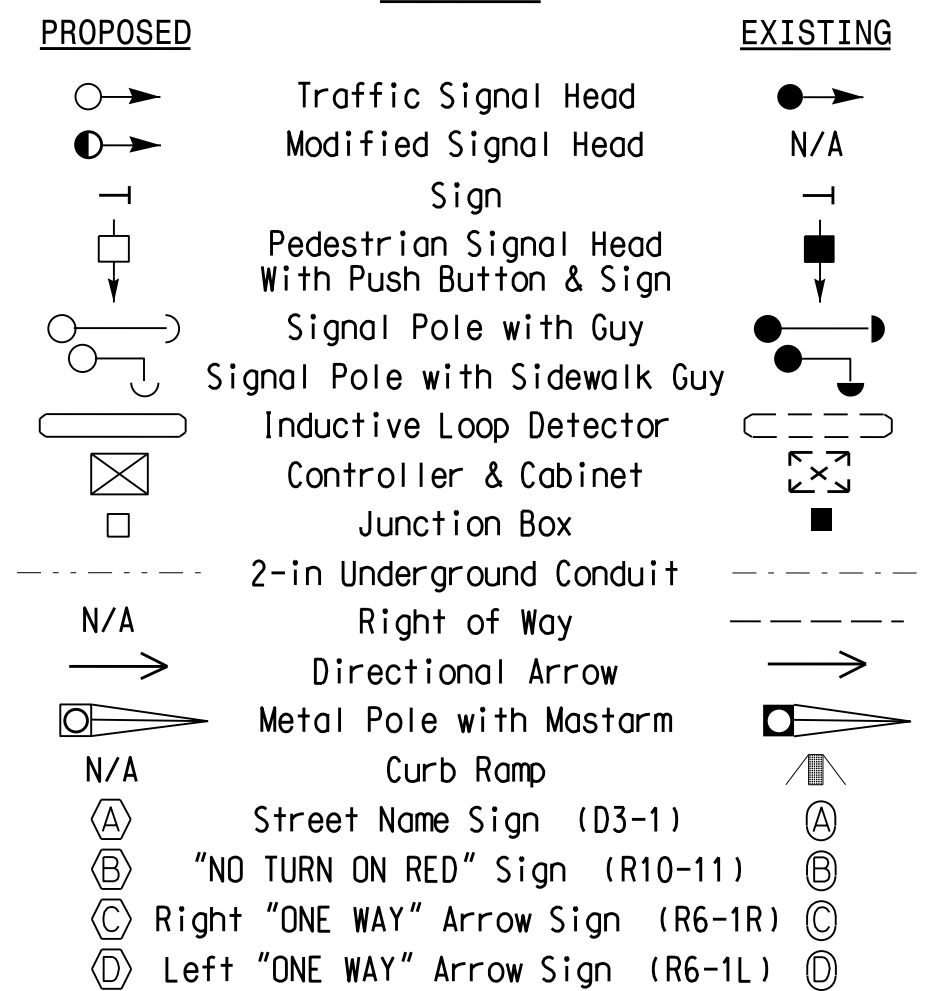
- Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Phase 5 may be lagged.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- Program pedestrian heads to countdown the flashing "Don't Walk" time only.
- Pavement markings are existing.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.



OASIS 2070 TIMING CHART				
FEATURE	PHASE			
	2	5	6	8
Min Green 1 *	10	7	10	7
Extension 1 *	0.0	2.0	0.0	0.0
Max Green 1 *	35	20	35	25
Yellow Clearance	3.8	3.0	3.8	3.8
Red Clearance	1.3	2.1	1.3	1.7
Walk 1 *	7	-	7	7
Don't Walk 1	11	-	12	18
Seconds Per Actuation *	-	-	-	-
Max Variable Initial *	-	-	-	-
Time Before Reduction *	-	-	-	-
Time To Reduce *	-	-	-	-
Minimum Gap	-	-	-	-
Recall Mode	MAX/PED RECALL	-	MAX/PED RECALL	MAX/PED RECALL
Vehicle Call Memory	-	-	-	-
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.

LEGEND



Signal Upgrade

750 N. Greenfield Pkwy, Garner, NC 27529

SR 1009 (South Main Street) at SR 1300 (Green Drive)

Division 7 Guilford County High Point

PLAN DATE: September 2014 REVIEWED BY: Jeff Spence

PREPARED BY: Jeff Spence REVIEWED BY: [Signature]

REVISIONS: [Table with columns for REVISIONS, INIT., DATE]

SEAL

4/27/2015

SIG. INVENTORY NO. 07-0787