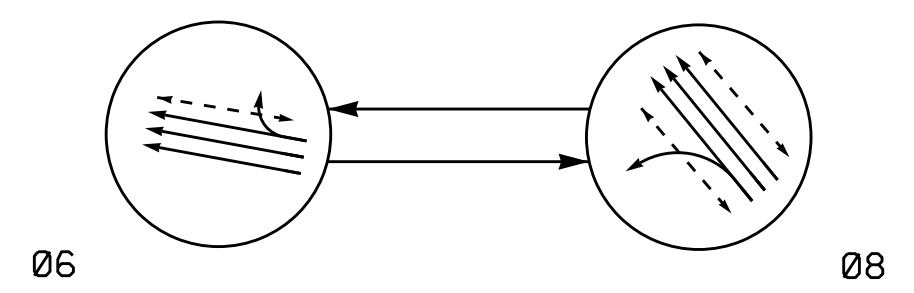
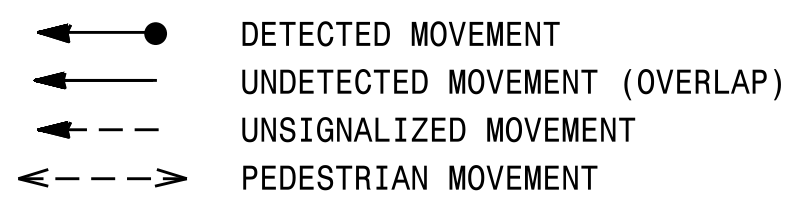


2 Phase Pre-Timed (High Point Signal System)

PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND



SIGNAL FACE I.D.

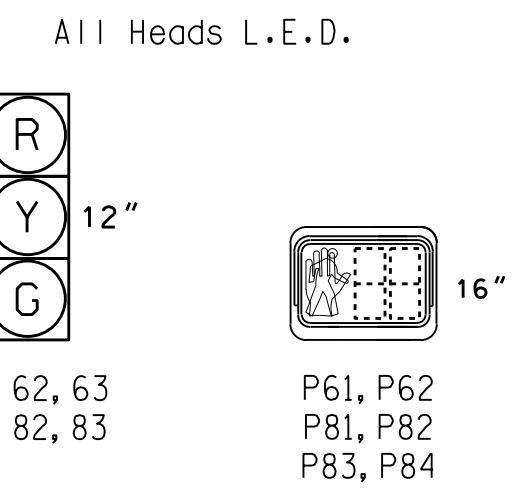


TABLE OF OPERATION

SIGNAL FACE	PHASE		
	6	8	FLASH
61, 62, 63	G	R	Y
81, 82, 83	R	G	R
P61, P62	W	DW	DRK
P81, P82	DW	W	DRK
P83, P84	DW	W	DRK

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

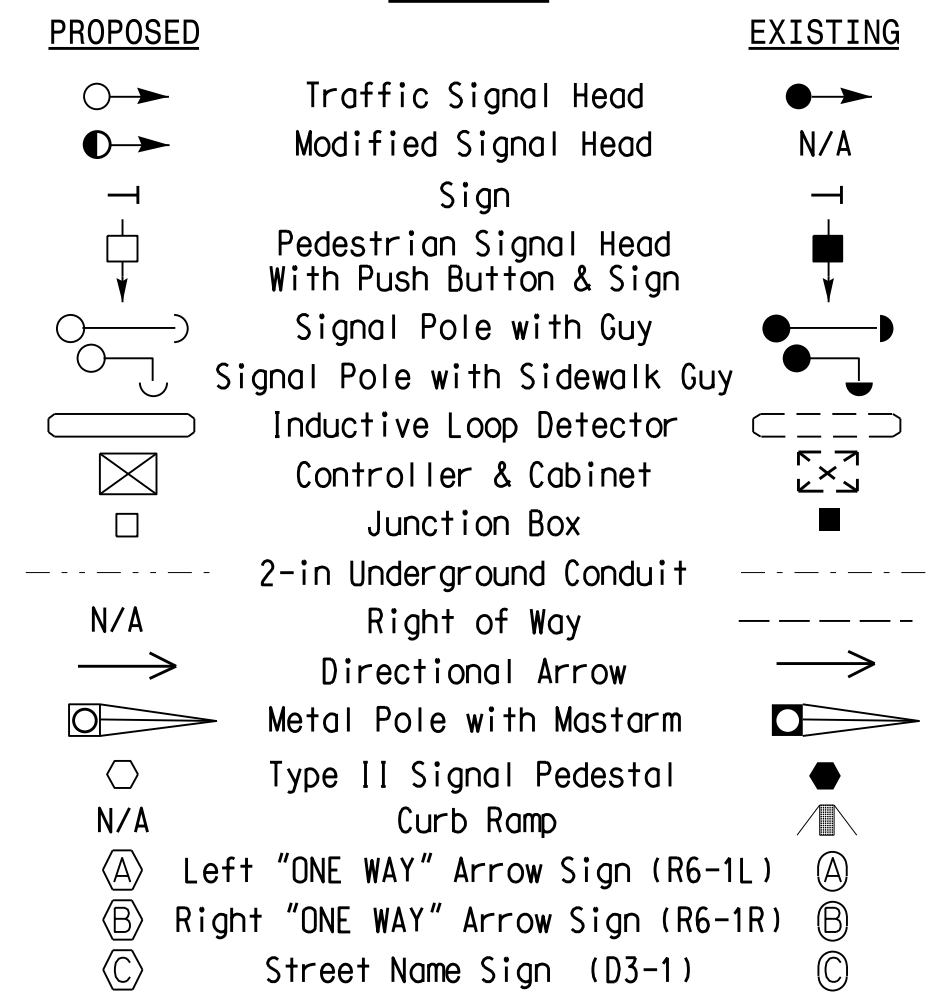
OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	DETECTOR PROGRAMMING								
				NEW LOOP	PHASE	CALLING EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD	
S1	6X6	+102	EXIST	-	-	-	-	-	-	-	Y	Y
S2	6X6	+123	EXIST	-	-	-	-	-	-	-	Y	Y
S3	6X6	+143	EXIST	-	-	-	-	-	-	-	Y	Y

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. Set all detector units to presence mode.
4. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
5. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
6. Pavement markings are existing.
7. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

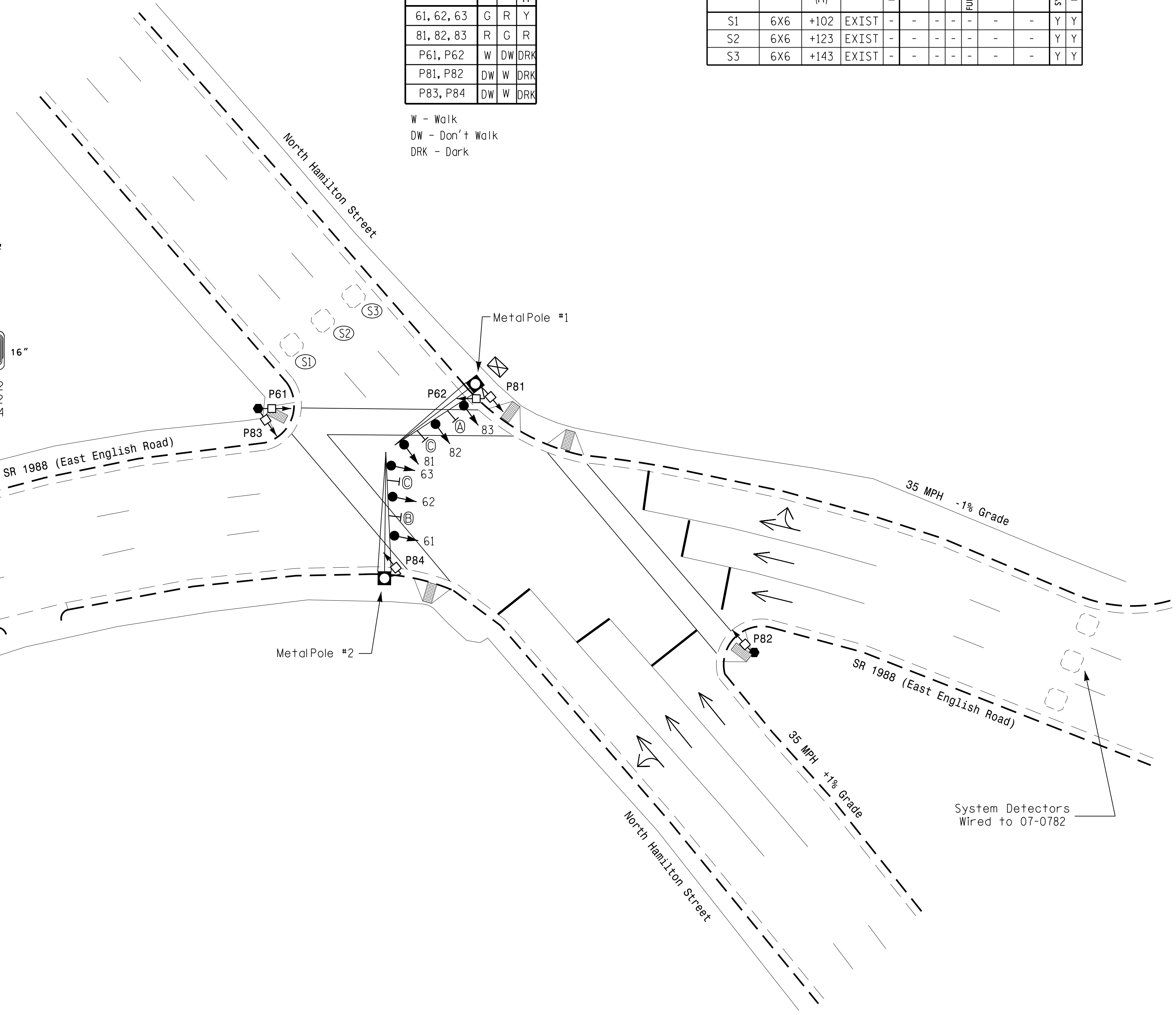
LEGEND



OASIS 2070 TIMING CHART

FEATURE	PHASE	
	6	8
Min Green 1 *	10	7
Extension 1 *	0.0	0.0
Max Green 1 *	35	20
Yellow Clearance	3.9	3.8
Red Clearance	2.0	1.8
Walk 1 *	7	7
Don't Walk 1	15	18
Seconds Per Actuation *	-	-
Max Variable Initial *	-	-
Time Before Reduction *	-	-
Time To Reduce *	-	-
Minimum Gap	-	-
Recall Mode	MAX/PED RECALL	MAX/PED RECALL
Vehicle Call Memory	-	-
Dual Entry	-	-
Simultaneous Gap	ON	ON

* These values may be field adjusted. Do not adjust Min Green and Extension times for phase 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.



Signal Upgrade

750 N. Greenfield Pkwy, Garner, NC 27529

SR 1988 (East English Road) at North Hamilton Street

Division 7 Guilford County High Point

PLAN DATE: August 2014 REVIEWED BY: Jeff Spence

PREPARED BY: Jeff Spence REVIEWED BY:

SEAL

ROBERT J. ZIEMBA

ENGINEER

3/30/2015

SIG. INVENTORY NO. 07-1002

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