

PHASING DIAGRAM

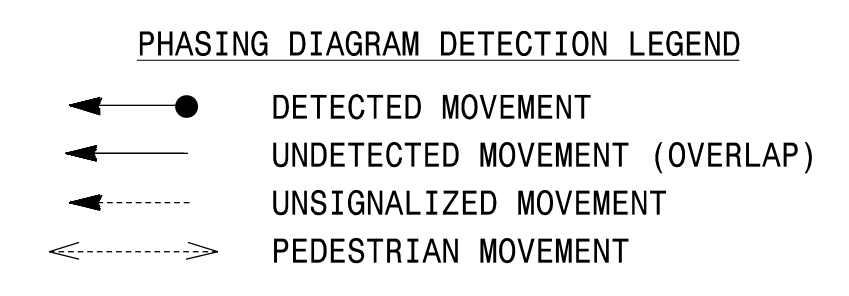
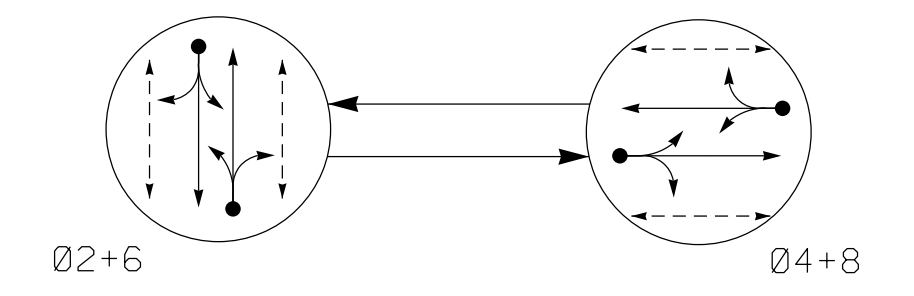
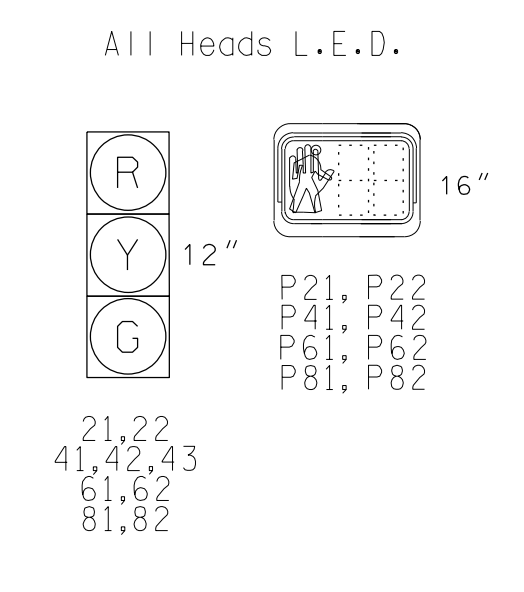


TABLE OF OPERATION

SIGNAL FACE	PHASE		
	02+6	04+8	FLASH
21, 22	G	R	Y
41, 42, 43	R	G	R
61, 62	G	R	Y
81, 82	R	G	R
P21, P22	W	DW	DRK
P41, P42	DW	W	DRK
P61, P62	W	DW	DRK
P81, P82	DW	W	DRK

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

SIGNAL FACE I.D.



OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING				SYSTEM LOOP	NEW CARD	
					PHASE	CALLING	EXTENSION	STRETCH TIME DELAY			
2A	6x6	70	4	-	2	Y	Y	-	-	-	Y
4A	6x40	0	2-4-2	-	4	Y	Y	-	-	-	Y
6A	6x6	70	4	-	6	Y	Y	-	-	-	Y
8A	6x40	0	2-4-2	-	8	Y	Y	-	-	-	Y
S1	6x6	+170	EXIST	-	SYS	-	-	-	-	-	Y

2 Phase Fully Actuated (High Point Signal System)

NOTES

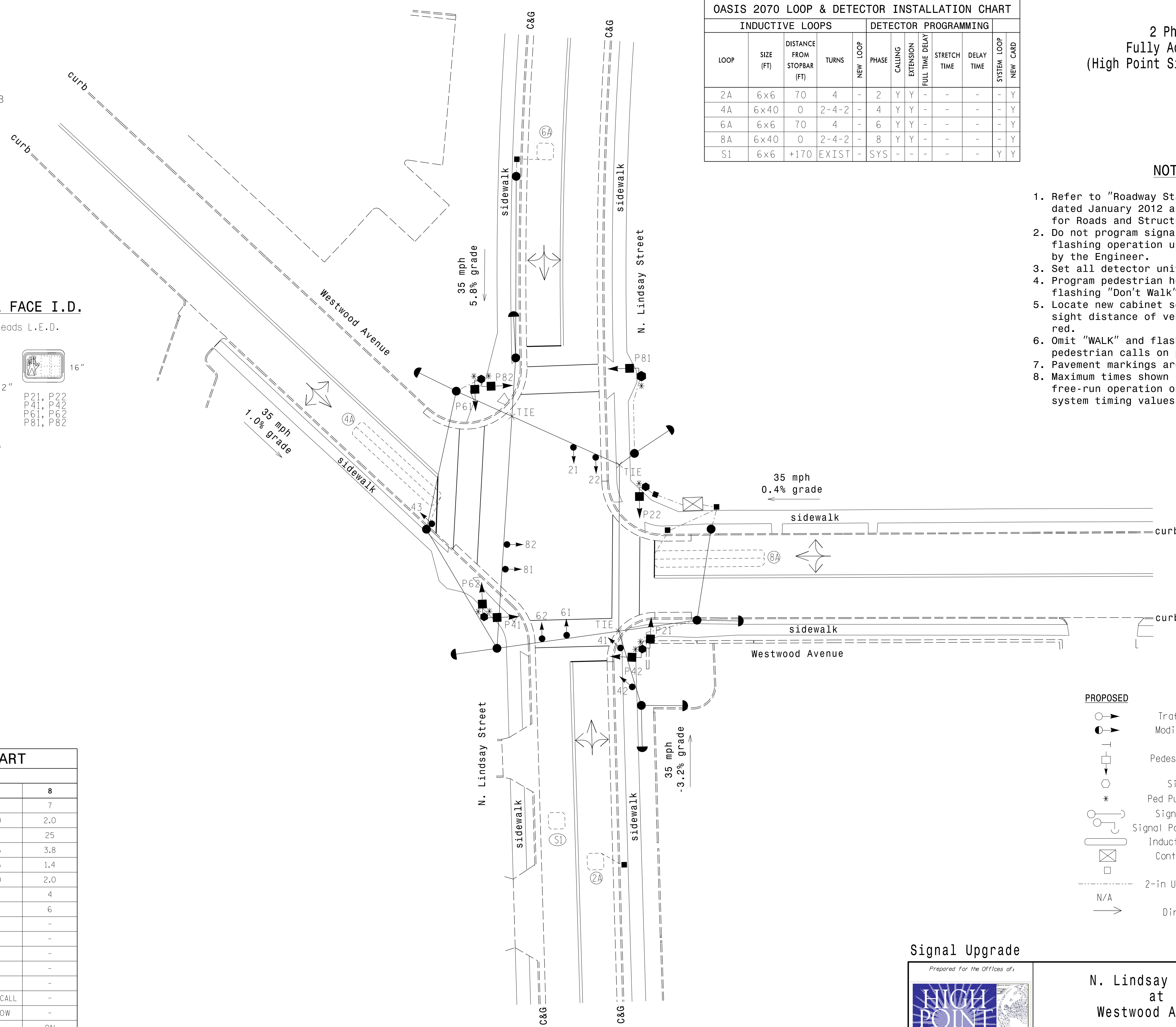
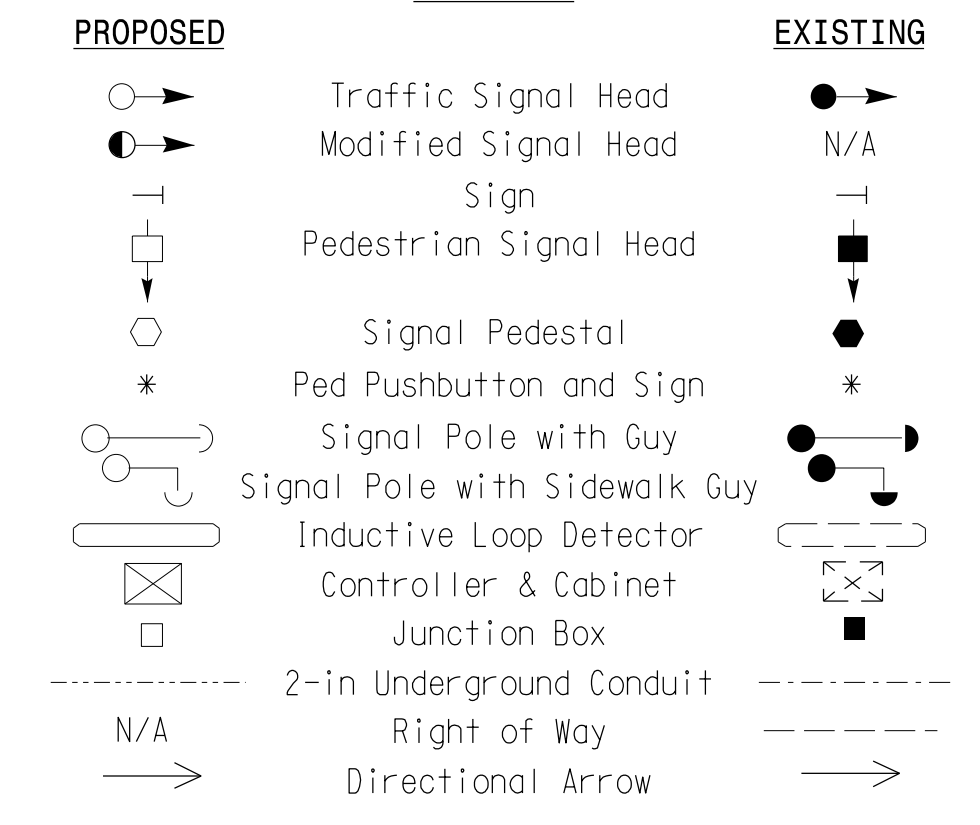
1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Set all detector units to presence mode.
4. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
5. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
6. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls on phases 4 and 8.
7. Pavement markings are existing.
8. 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	4	6	8
Min Green 1 *	10	7	10	7
Extension 1 *	3.0	2.0	3.0	2.0
Max Green 1 *	40	25	40	25
Yellow Clearance	4.1	3.8	3.6	3.8
Red Clearance	2.0	1.6	2.5	1.4
Red Revert	2.0	2.0	2.0	2.0
Walk 1 *	4	4	4	4
Don't Walk 1	7	6	11	6
Seconds Per Actuation *	-	-	-	-
Max Variable Initial *	-	-	-	-
Time Before Reduction *	-	-	-	-
Time To Reduce *	-	-	-	-
Minimum Gap	-	-	-	-
Recall Mode	MIN RECALL	-	MIN RECALL	-
Vehicle Call Memory	YELLOW	-	YELLOW	-
Dual Entry	-	ON	-	ON
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

Prepared for the Offices of:

Department of Transportation
215 S. Hamilton Street
High Point, NC 27600

N. Lindsay Street at Westwood Avenue

Division 07 Guilford County High Point

PLAN DATE: July 2014 REVIEWED BY: LM Moon
PREPARED BY: AJ Davis REVIEWED BY: MB Toth

SCALE: 1"=20'

SEAL

MELISSA B. TOTH
ENGINEER
025892

DocuSigned by:
Melissa B. Toth 6/5/2015