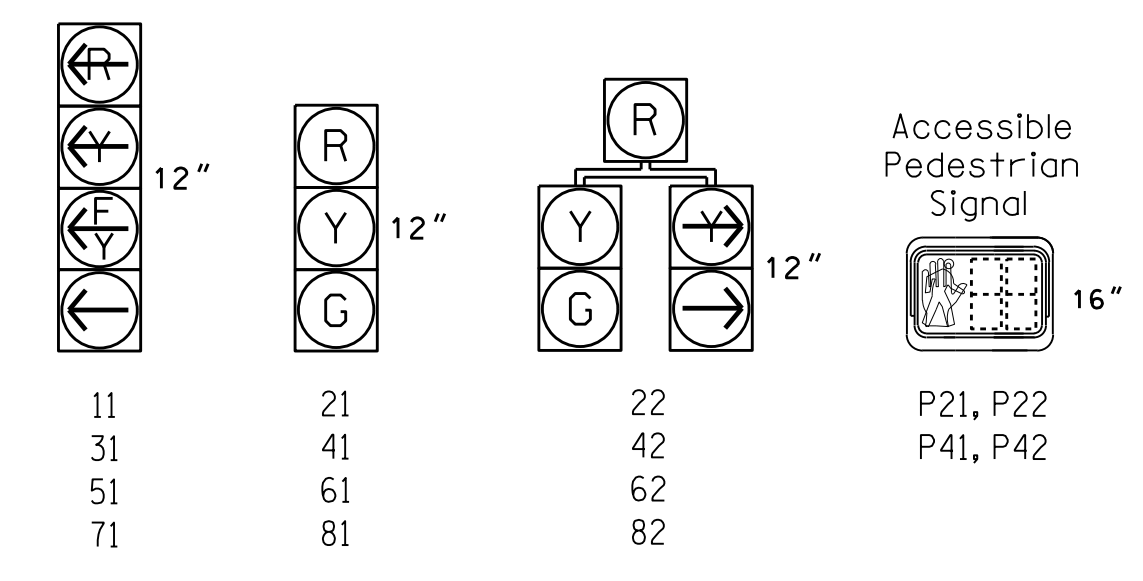


SIGNAL FACE	PHASE							
	01+5	01+6	02+5	02+6	03+7	03+8	04+7	04+8
11			F	F	R	R	R	Y
21	R	R	G	G	R	R	R	Y
22	R	R	G	G	R	R	R	Y
31	R	R	R	R	F	F	R	
41	R	R	R	R	R	R	G	R
42	R	R	R	R	R	R	G	R
51	F	F	R	R	R	R	R	Y
61	R	G	R	G	R	R	R	Y
62	R	G	R	G	R	R	R	Y
71	R	R	R	R	F	F	R	
81	R	R	R	R	R	G	R	G
82	R	R	R	R	R	G	R	G
P21, P22	DW	DW	W	W	DW	DW	DW	DRK
P41, P42	DW	DW	DW	DW	DW	DW	W	DRK

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

SIGNAL FACE I.D.
All Heads L.E.D.

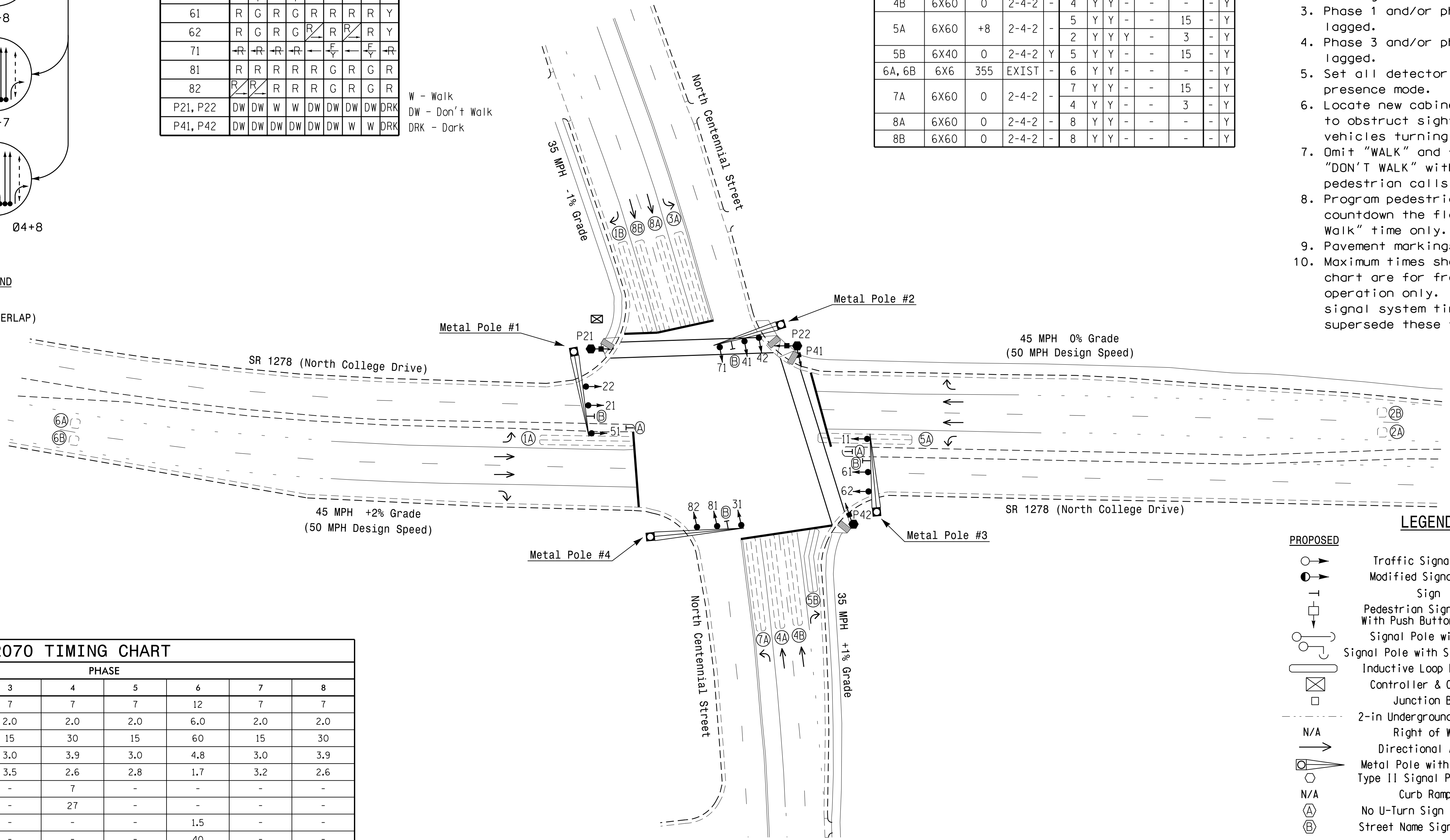


OASIS 2070 LOOP & DETECTOR INSTALLATION CHART												
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING				LOOP SYSTEM	NEW CARD		
					PHASE	CALLING	EXTENSION FULL TIME DELAY	STRETCH TIME			DELAY TIME	
1A	6X60	0	2-4-2	-	1	Y	Y	-	15	-	Y	
1B	6X60	0	2-4-2	-	6	Y	Y	-	3	-	Y	
2A, 2B	6X6	355	EXIST	-	2	Y	Y	-	-	-	Y	
3A	6X60	0	2-4-2	-	3	Y	Y	-	15	-	Y	
4A	6X60	0	2-4-2	-	4	Y	Y	-	-	-	Y	
4B	6X60	0	2-4-2	-	4	Y	Y	-	-	-	Y	
5A	6X60	+8	2-4-2	-	5	Y	Y	-	15	-	Y	
5B	6X40	0	2-4-2	Y	2	Y	Y	Y	-	3	-	Y
6A, 6B	6X6	355	EXIST	-	6	Y	Y	-	-	-	Y	
7A	6X60	0	2-4-2	-	7	Y	Y	-	15	-	Y	
8A	6X60	0	2-4-2	-	8	Y	Y	-	-	-	Y	
8B	6X60	0	2-4-2	-	8	Y	Y	-	-	-	Y	

8 Phase Fully 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 1 and/or phase 5 may be lagged.
- Phase 3 and/or phase 7 may be lagged.
- Set all detector units to presence mode.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.
- 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.

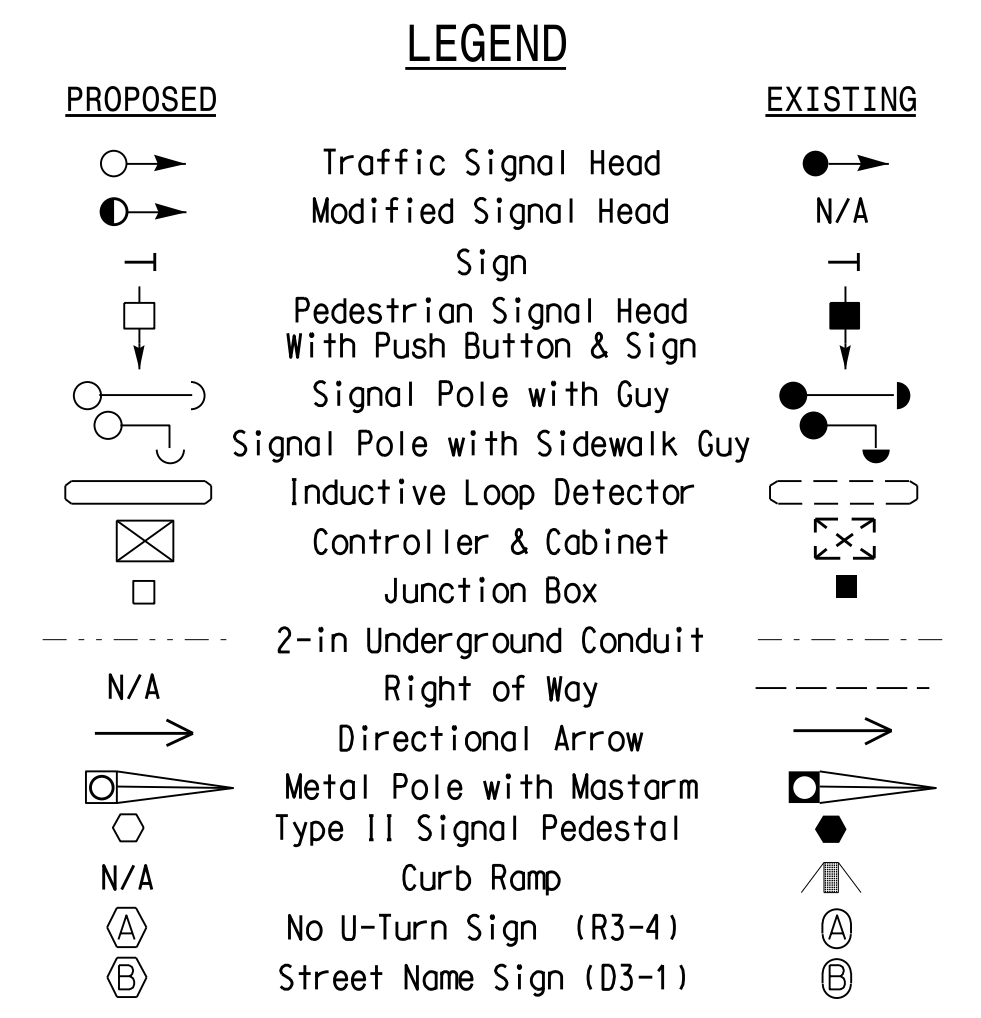


FEATURE	OASIS 2070 TIMING CHART							
	1	2	3	4	5	6	7	8
Min Green 1 *	7	12	7	7	7	12	7	7
Extension 1 *	2.0	6.0	2.0	2.0	2.0	6.0	2.0	2.0
Max Green 1 *	15	60	15	30	15	60	15	30
Yellow Clearance	3.0	4.8	3.0	3.9	3.0	4.8	3.0	3.9
Red Clearance	2.9	1.7	3.5	2.6	2.8	1.7	3.2	2.6
Walk 1 *	-	7	-	7	-	-	-	-
Don't Walk 1	-	25	-	27	-	-	-	-
Seconds Per Actuation *	-	1.5	-	-	-	1.5	-	-
Max Variable Initial *	-	40	-	-	-	40	-	-
Time Before Reduction *	-	15	-	-	-	15	-	-
Time To Reduce *	-	30	-	-	-	30	-	-
Minimum Gap	-	3.2	-	-	-	3.2	-	-
Recall Mode **	-	SOFT RECALL	-	-	-	SOFT RECALL	-	-
Vehicle Call Memory	-	YELLOW	-	-	-	YELLOW	-	-
Dual Entry	-	-	-	ON	-	-	-	ON
Simultaneous Gap	ON	ON	ON	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.
** May be changed to Min Recall by Time of Day at discretion of City Traffic Engineer.

ACCESSIBLE PEDESTRIAN SIGNAL OPERATION		
SIGNAL FACE	INTERVAL	SPEECH MESSAGE*
P21, P22	Walk	North Centennial, Walk sign is on to cross North Centennial.
	Flashing Don't Walk / Don't Walk	Wait. Wait to cross North Centennial.
P41, P42	Walk	North College, Walk sign is on to cross North College.
	Flashing Don't Walk / Don't Walk	Wait. Wait to cross North College.

* Volume should be set to 5dB over ambient noise level.



Signal Upgrade

SR 1278 (North College Drive) at North Centennial Street

Division 7 Guilford County High Point

PLAN DATE: July 2014 PREPARED BY: R.N. Zinser

PREPARED BY: Jeff Spence REVIEWED BY:

SEAL

026486

ROBERT J. ZIEMBA

ENGINEER

3/17/2015

DATE

SIG. INVENTORY NO. 07-1923

750 N. Greenfield Pkwy, Garner, NC 27529

SCALE 0 40 1"=40'

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