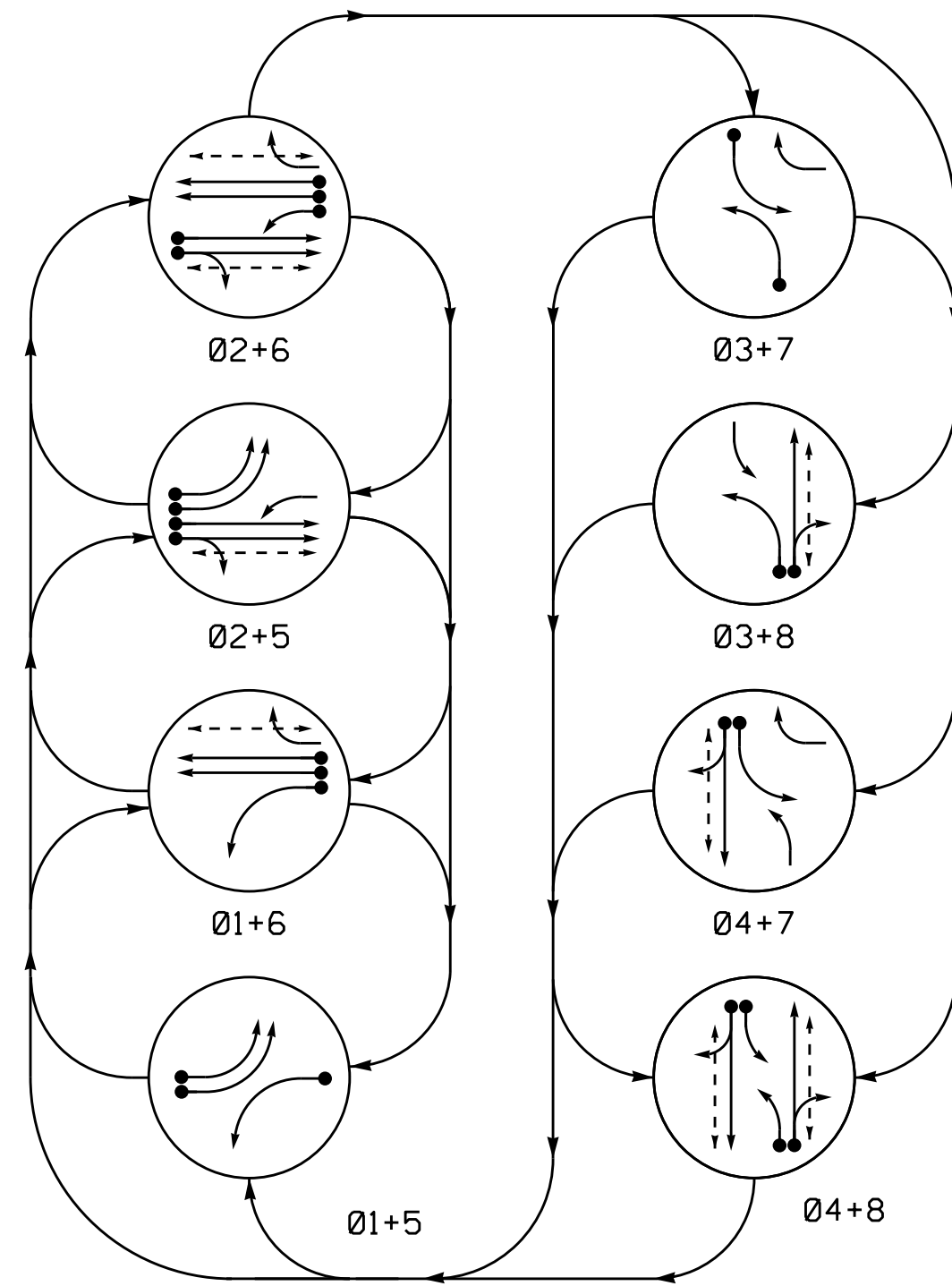
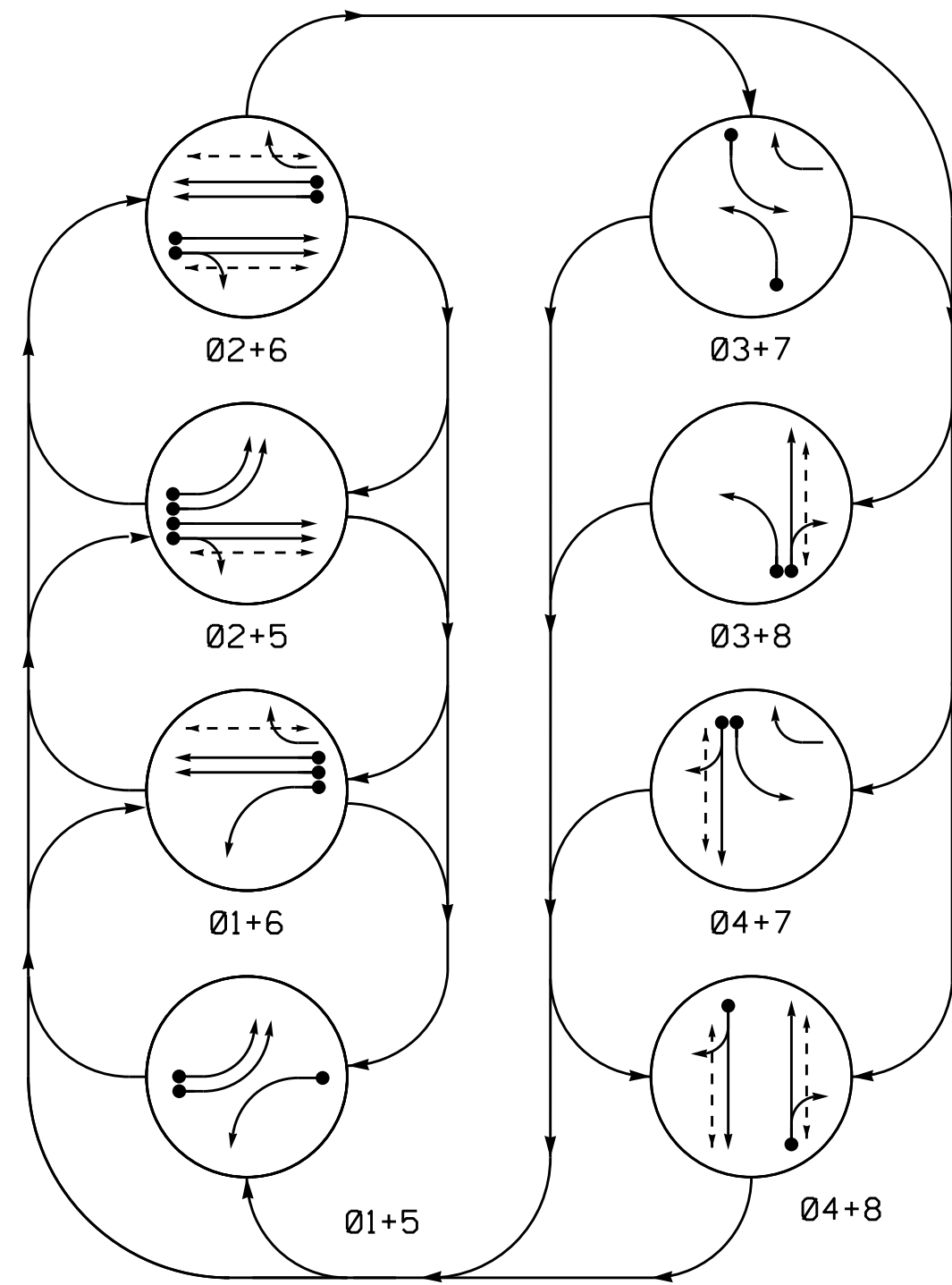


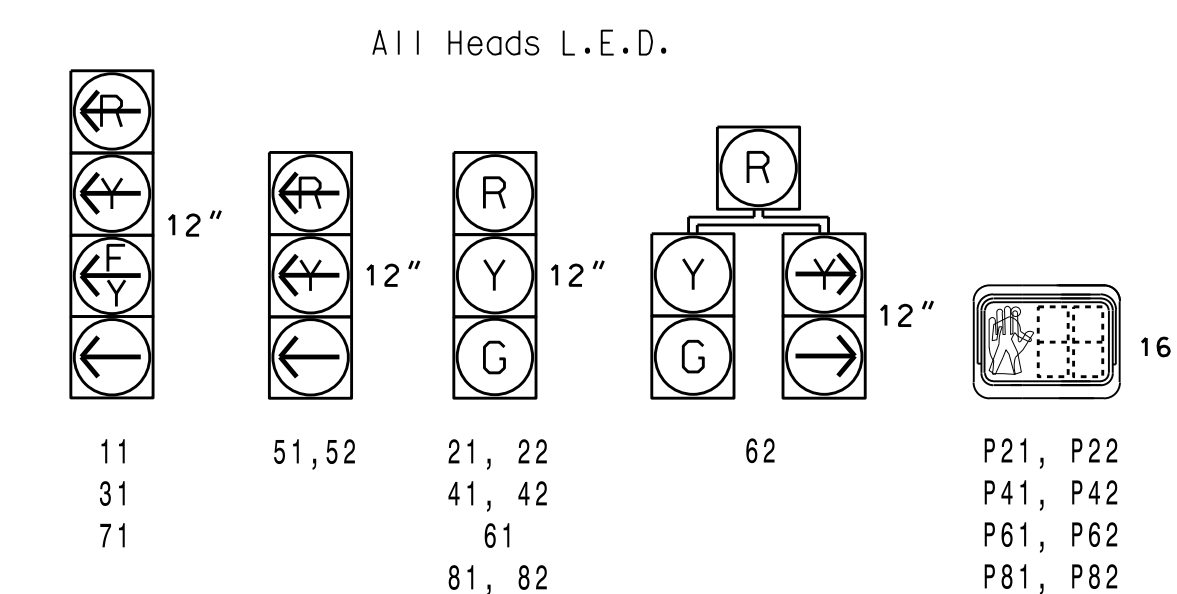
DEFAULT PHASING DIAGRAM



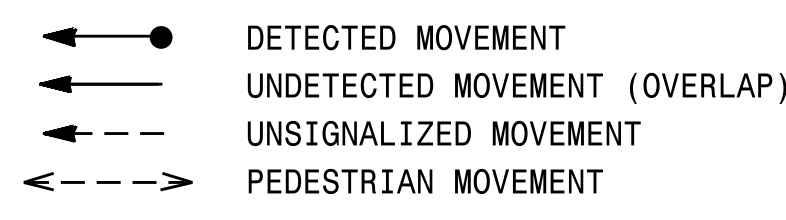
ALTERNATE PHASING DIAGRAM



SIGNAL FACE I.D.



PHASING DIAGRAM DETECTION LEGEND



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 FULL TIME DELAY	STRETCH TIME			DELAY TIME
1A	6X40	0	2-4-2	Y	1	Y	Y	-	10*	-	Y
2A, 2B	6X6	70	5	Y	2	Y	Y	-	-	-	Y
3A	6X40	0	2-4-2	Y	3	Y	Y	-	15 #	-	Y
4A	6X40	0	2-4-2	Y	4	Y	Y	-	10	-	Y
5A	6X40	0	2-4-2	Y	5	Y	Y	-	-	-	Y
5B	6X40	0	2-4-2	Y	5	Y	Y	-	-	-	Y
6A, 6B	6X6	70	5	Y	6	Y	Y	-	-	-	Y
7A	6X40	0	2-4-2	Y	7	Y	Y	-	15 #	-	Y
8A	6X40	0	2-4-2	Y	8	Y	Y	-	10	-	Y
S1	6X6	+150	5	Y	-	Y	Y	-	-	-	Y
S2	6X6	+150	5	Y	-	Y	Y	-	-	-	Y

* Disable Delay During Alternate Phasing Operation
 ** Disable Phase 6 Call for Loops 1A during Alternate Phasing
 # Disable Delay During Alternate Phasing Operation
 ## Disable Phase 4 & 8 Call for Loops 3A and 7A during Alternate Phasing

8 Phase Fully Actuated (Kernersville CLS #1)

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.
- Pedestrians pedestals are conceptual and shown for reference only. See sheet P1-P3 for pushbuttons locations details.
- The Division Traffic Engineer will determine the hours of use for each phasing plan.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.
- Closed loop system data:
 Master Asset #: 10905.
 Controller Asset #: 1104.

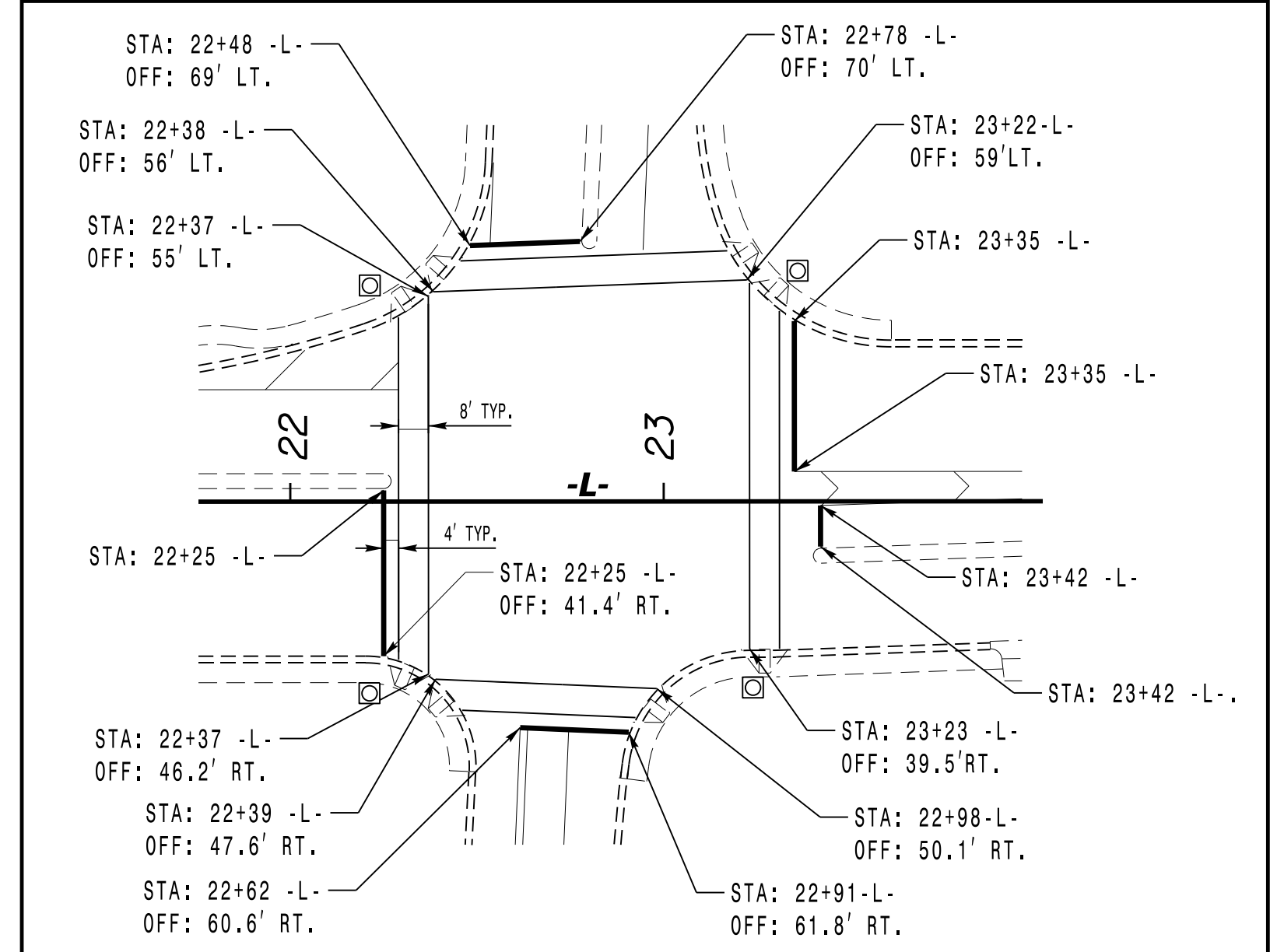
DEFAULT PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE								L	I	S	D	R	K	
	1	2	3	4	5	6	7	8							
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21, 22	R	R	G	G	R	R	R	R	Y	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41, 42	R	R	R	R	R	R	G	G	R	-	-	-	-	-	-
51, 52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61	R	G	R	G	R	R	R	R	Y	-	-	-	-	-	-
62	R	G	R	G	R	R	R	R	Y	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81, 82	R	R	R	R	R	G	R	G	R	-	-	-	-	-	-
P21, P22	DW	DW	W	W	DW	DW	DW	DW	DRK	-	-	-	-	-	-
P41, P42	DW	DW	DW	DW	DW	DW	W	W	DRK	-	-	-	-	-	-
P61, P62	DW	W	DW	W	DW	DW	DW	DW	DRK	-	-	-	-	-	-
P81, P82	DW	DW	DW	DW	DW	W	DW	W	DRK	-	-	-	-	-	-

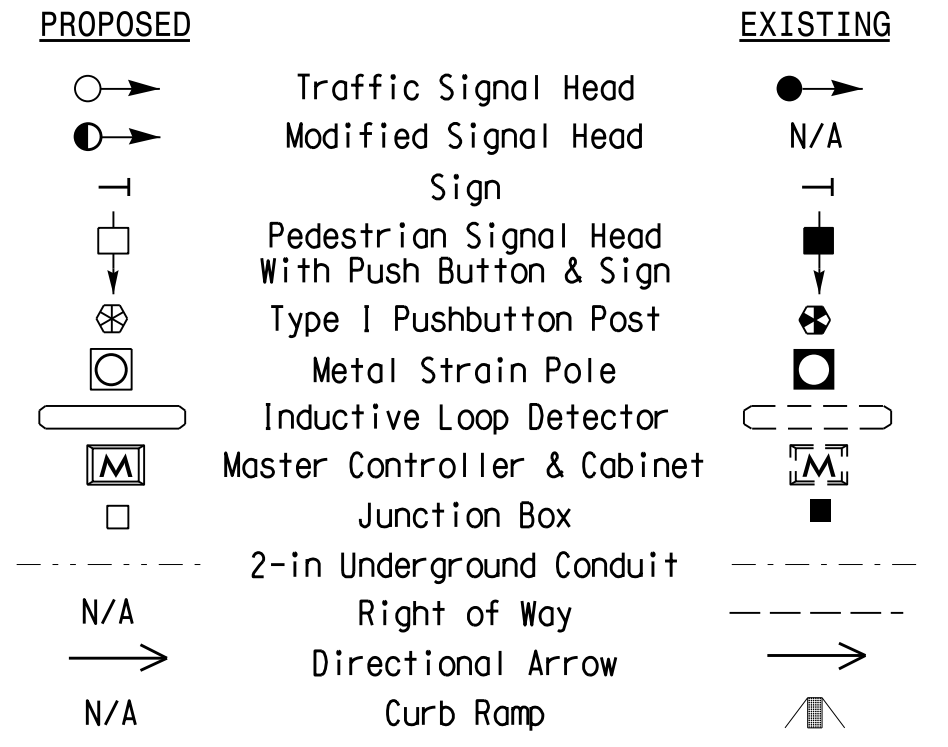
ALTERNATE PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE								L	I	S	D	R	K	
	1	2	3	4	5	6	7	8							
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21, 22	R	R	G	G	R	R	R	R	Y	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41, 42	R	R	R	R	R	R	G	G	R	-	-	-	-	-	-
51, 52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61	R	G	R	G	R	R	R	R	Y	-	-	-	-	-	-
62	R	G	R	G	R	R	R	R	Y	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81, 82	R	R	R	R	R	G	R	G	R	-	-	-	-	-	-
P21, P22	DW	DW	W	W	DW	DW	DW	DW	DRK	-	-	-	-	-	-
P41, P42	DW	DW	DW	DW	DW	DW	W	W	DRK	-	-	-	-	-	-
P61, P62	DW	W	DW	W	DW	DW	DW	DW	DRK	-	-	-	-	-	-
P81, P82	DW	DW	DW	DW	DW	W	DW	W	DRK	-	-	-	-	-	-

STOPLINE LOCATION DIAGRAM



LEGEND



OASIS 2070 TIMING CHART

FEATURE	PHASE							
	1	2	3	4	5	6	7	8
Min Green 1*	7	10	7	7	7	10	7	7
Extension 1*	2.0	3.0	2.0	2.0	2.0	3.0	2.0	2.0
Max Green 1*	15	30	15	20	15	30	15	20
Yellow Clearance	3.1	4.2	3.0	4.1	3.0	4.2	3.0	4.1
Red Clearance	3.3	2.2	2.8	3.3	3.2	2.2	3.3	3.3
Walk 1*	-	7	-	7	-	7	-	7
Don't Walk 1	-	14	-	26	-	21	-	26
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	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.

New Installation

SR 4315 (S. Main Street)
 at
 SR 2648 (Old Winston Road) /
 Shopping Center Driveway

Division 9 Forsyth County Kernersville

PLAN DATE: April 2015 REVIEWED BY: M.E. Giles

PREPARED BY: M.E. Giles REVIEWED BY:

SEAL

DATE: 5/7/2015

SIG. INVENTORY NO. 09-1104

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