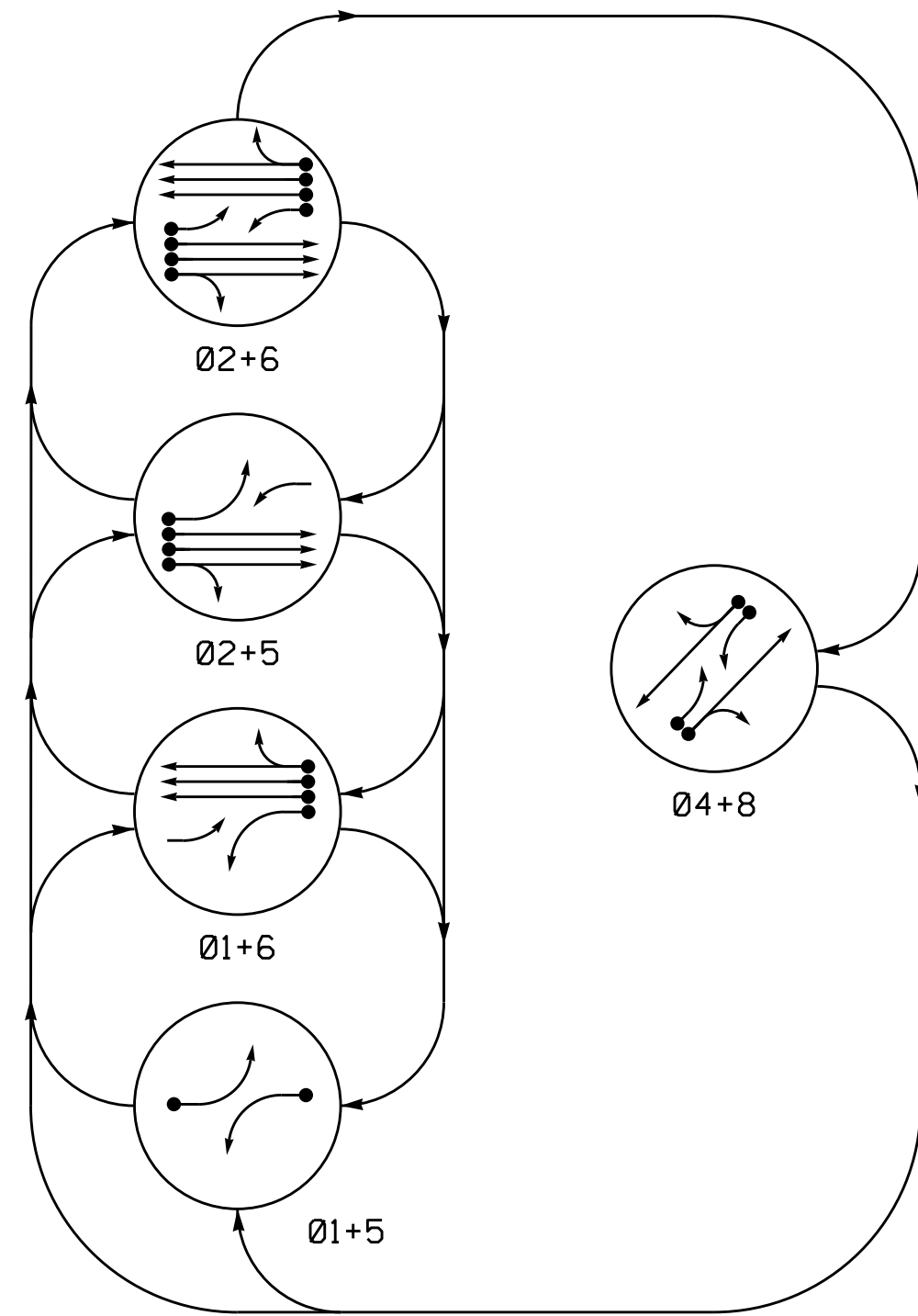
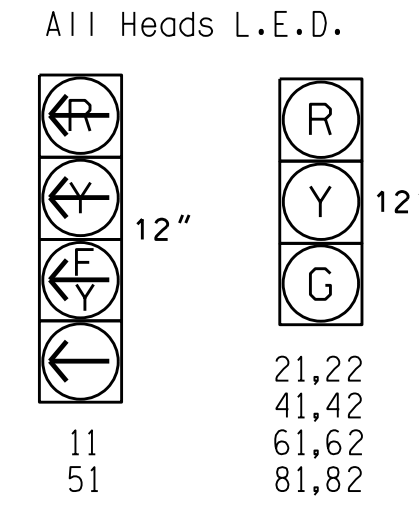


PHASING DIAGRAM



SIGNAL FACE	PHASE					
	01+5	01+6	02+5	02+6	04+8	FLIGHTS
11	←	←	←	←	←	←
21,22	R	R	G	G	R	Y
41,42	R	R	R	R	G	R
51	←	←	←	←	←	←
61,62	R	G	R	G	R	Y
81,82	R	R	R	R	G	R

SIGNAL FACE I.D.



OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

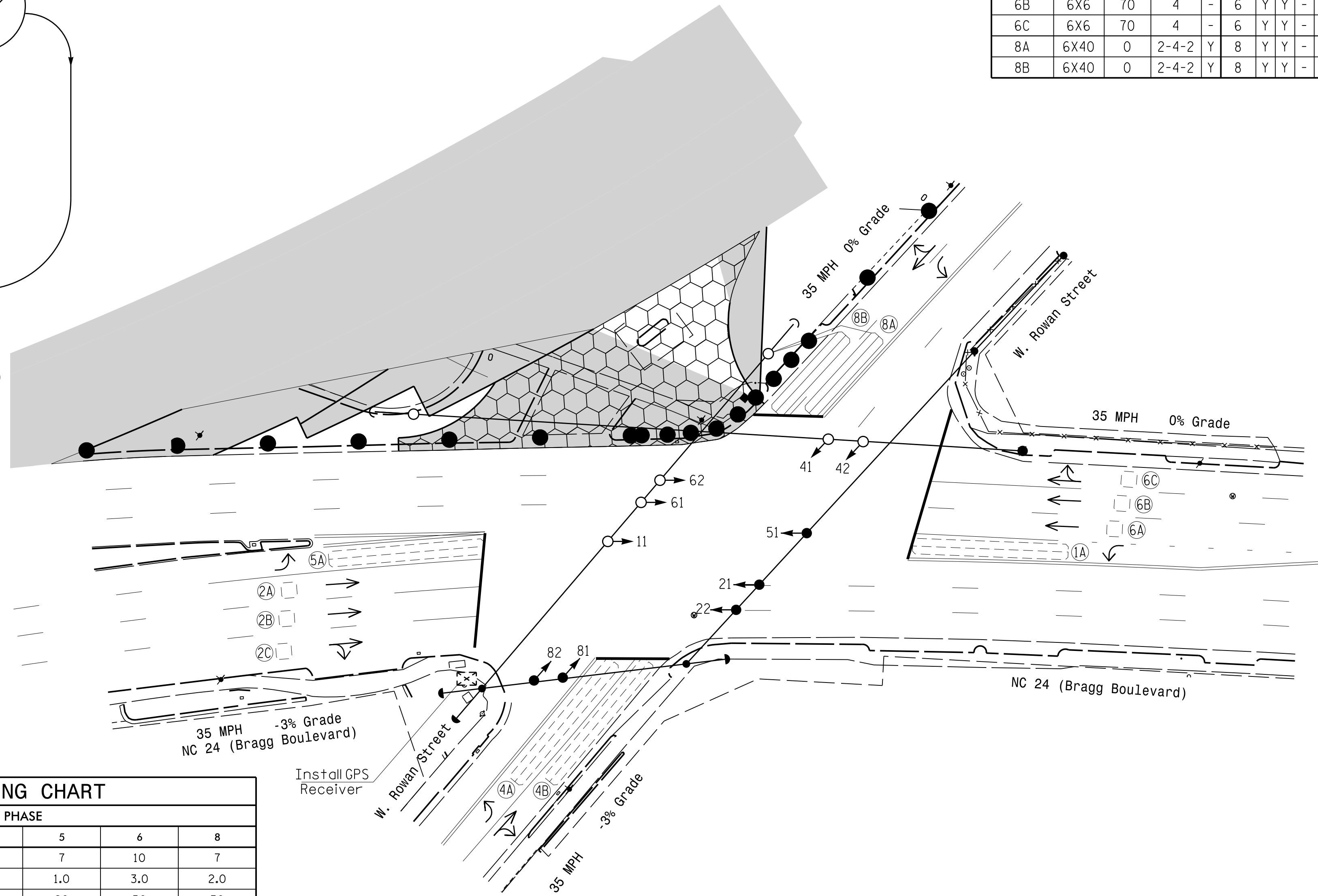
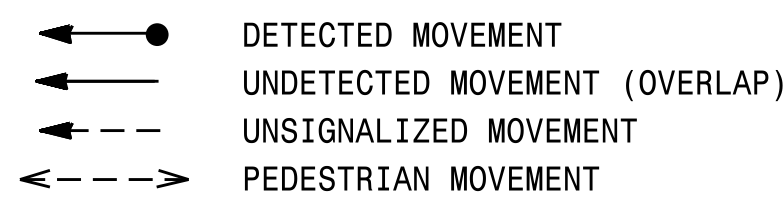
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING				SYSTEM LOOP	NEW CARD
					PHASE	CALLING	EXTENSION	STRETCH TIME		
1A	6X60	0	2-4-2	-	1	Y	Y	-	15	-
2A	6X6	70	4	-	2	Y	Y	-	-	-
2B	6X6	70	4	-	2	Y	Y	-	-	-
2C	6X6	70	4	-	2	Y	Y	-	-	-
4A	6X60	0	2-4-2	-	4	Y	Y	-	3	-
4B	6X60	0	2-4-2	-	4	Y	Y	-	10	-
5A	6X60	0	2-4-2	-	5	Y	Y	-	15	-
6A	6X6	70	4	-	6	Y	Y	-	-	-
6B	6X6	70	4	-	6	Y	Y	-	-	-
6C	6X6	70	4	-	6	Y	Y	-	-	-
8A	6X40	0	2-4-2	Y	8	Y	Y	-	3	-
8B	6X40	0	2-4-2	Y	8	Y	Y	-	3	-

5 Phase Fully Actuated Fayetteville 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.
- Set all detector units to presence mode.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

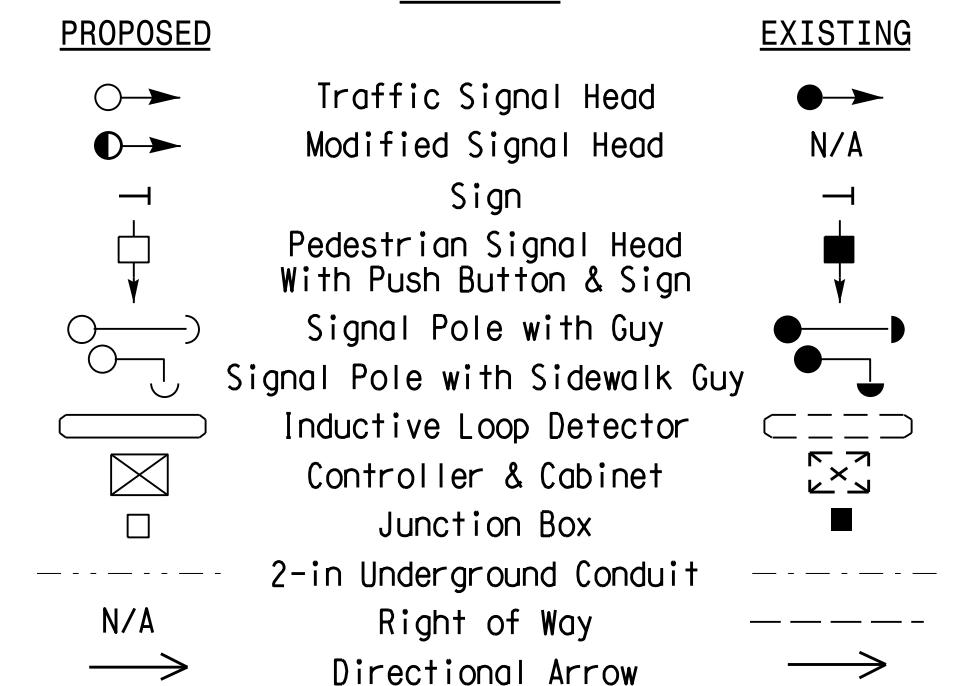
PHASING DIAGRAM DETECTION LEGEND



FEATURE	PHASE					
	1	2	4	5	6	8
Min Green 1 *	7	10	7	7	10	7
Extension 1 *	1.0	3.0	1.0	1.0	3.0	2.0
Max Green 1 *	20	50	30	20	50	30
Yellow Clearance	3.0	4.1	4.1	3.0	4.1	3.8
Red Clearance	3.7	2.9	2.2	4.0	2.9	2.3
Walk 1 *	-	-	-	-	-	-
Don't Walk 1	-	-	-	-	-	-
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

* 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 - Temp 1 Phase 1 Steps 1-5

NC 24 (Bragg Boulevard) at West Rowan Street

Division 6 Cumberland County Fayetteville

PLAN DATE: July 2015 REVIEWED BY: JPG

PREPARED BY: Jeff Spence REVIEWED BY:

SCALE 0 30
1"=30'

05-AUG-2015 11:35
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