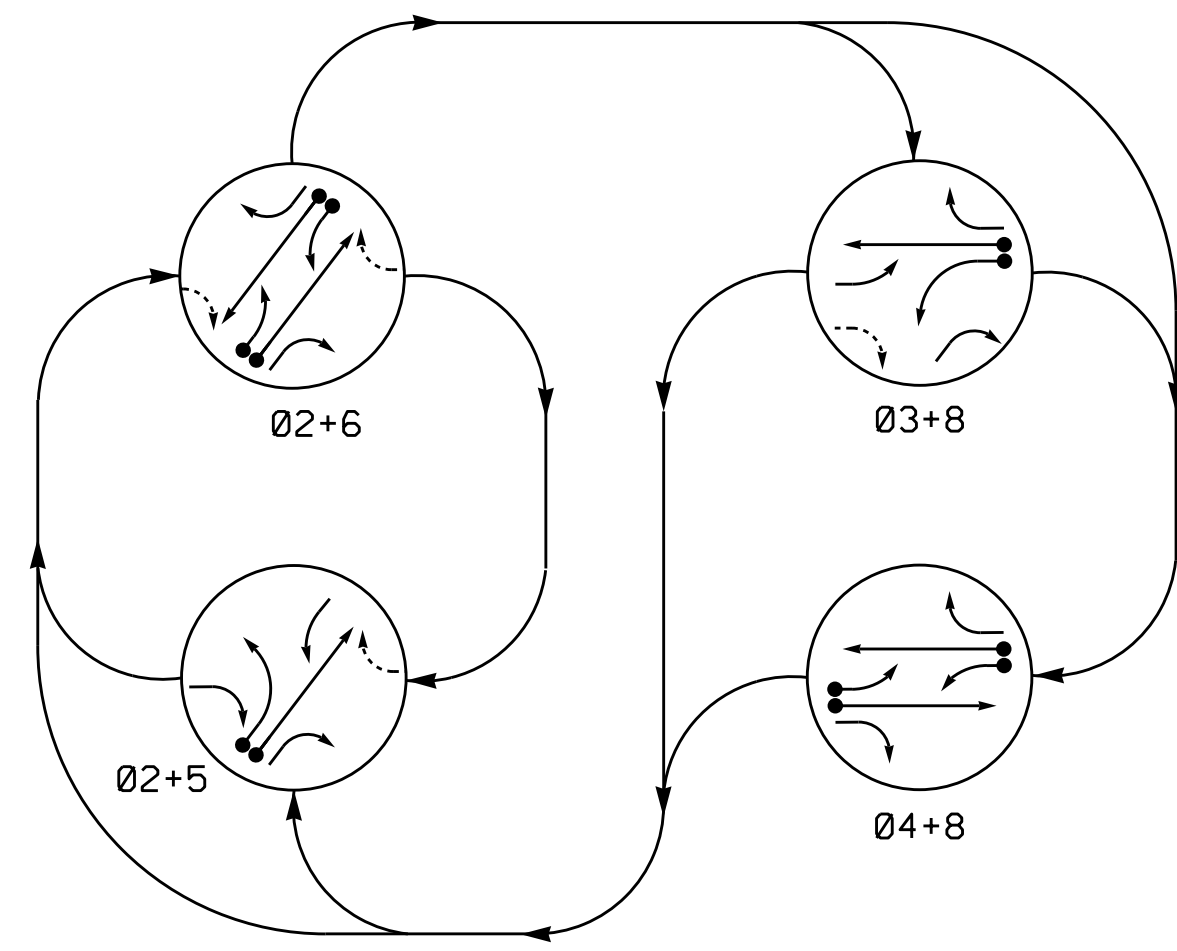


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

- DETECTED MOVEMENT
- UNDETECTED MOVEMENT (OVERLAP)
- — — UNSIGNALIZED MOVEMENT
- — — PEDESTRIAN MOVEMENT

SIGNAL FACE	PHASE					
	Ø 2+5	Ø 2+6	Ø 3+8	Ø 4+8	Ø 2+5	Ø 4+8
21	G	G	R	R	Y	
22	G	G	R	R	Y	
31	R	R	Y	Y		R
41	R	R	Y	Y		R
42, 43	R	R	R	G	R	
51	R	R	R	R	Y	
61	R	R	R	R	Y	
62, 63	R	G	R	R	Y	
81, 82	R	R	G	G	R	

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 TIME			
2A	6X6	355	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	-	-	3	-	Y
4B	6X40	0	2-4-2	Y	4	Y	Y	-	-	-	-	Y
5A	6X6	300	5	Y	5	Y	Y	-	-	15	-	Y
6A	6X6	300	4	Y	6	Y	Y	-	-	-	-	Y
6B	6X40	0	2-4-2	Y	6	Y	Y	-	-	3	-	Y
8A	6X40	0	2-4-2	Y	8	Y	Y	-	-	-	-	Y

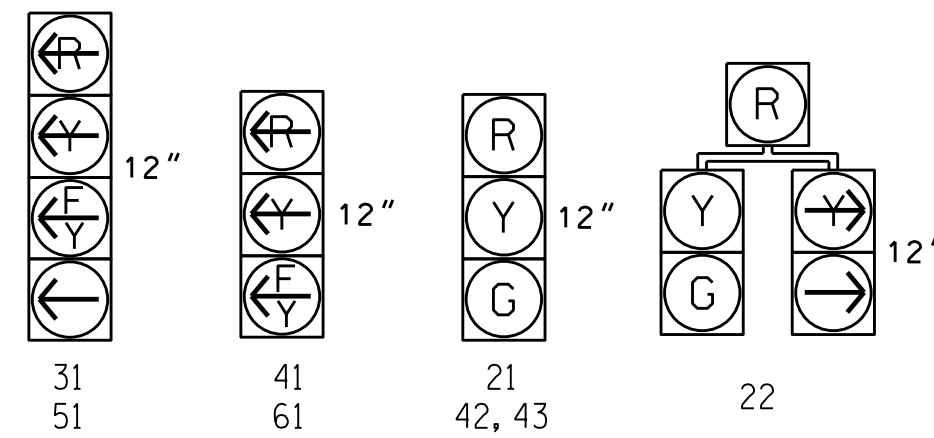
4 Phase Fully Actuated (Isolated)

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. Phase 5 may be lagged.
4. Phase 3 may be lagged.
5. Set all detector units to presence mode.
6. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.

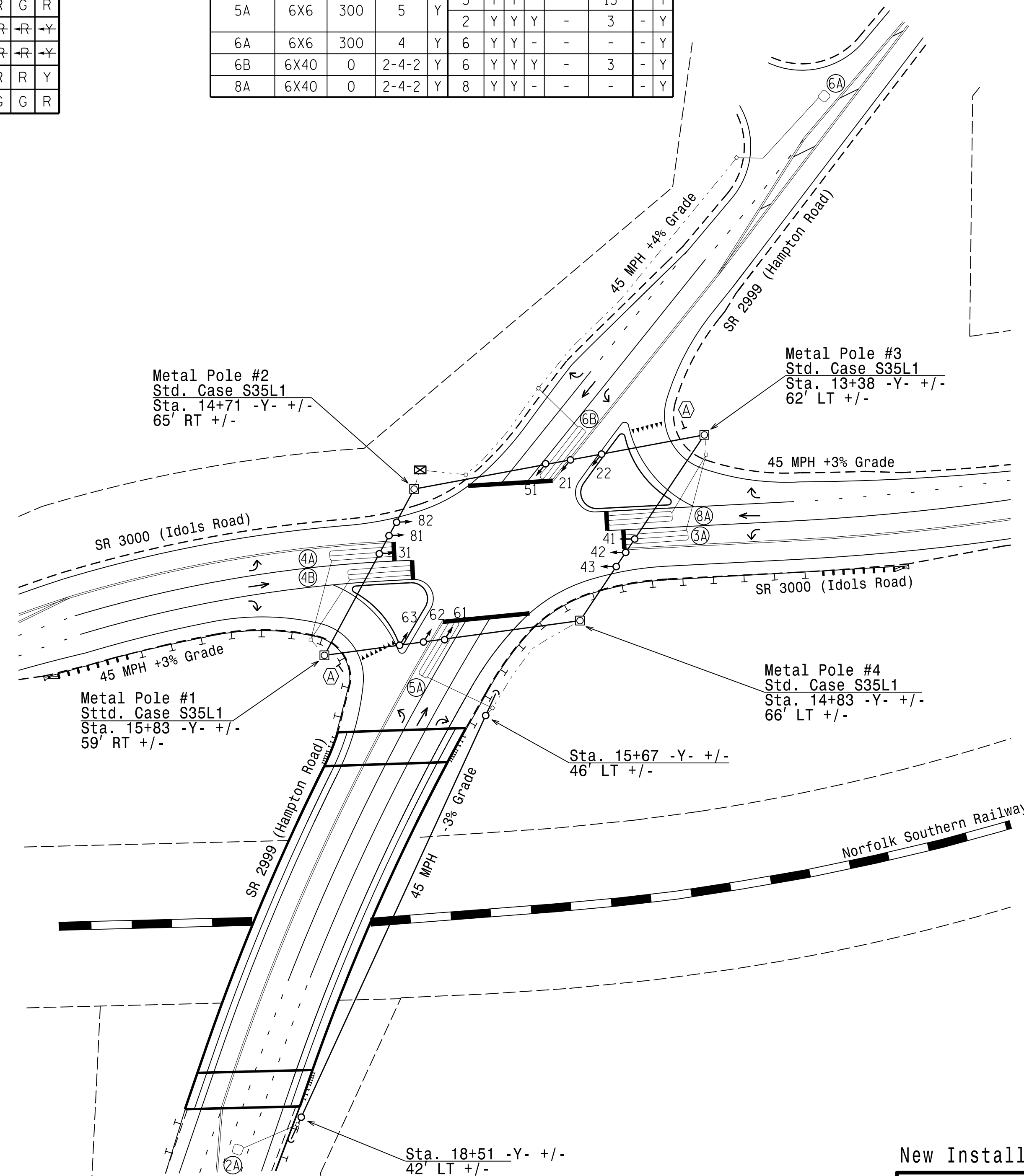
SIGNAL FACE I.D.

All Heads L.E.D.



FEATURE	PHASE					
	2	3	4	5	6	8
Min Green 1 *	12	7	7	7	12	7
Extension 1 *	8.0	2.0	2.0	2.0	6.0	2.0
Max Green 1 *	75	25	25	25	75	25
Yellow Clearance	4.8	3.0	4.3	3.0	4.8	4.3
Red Clearance	1.3	3.3	2.0	1.9	1.3	2.0
Walk 1 *	-	-	-	-	-	-
Don't Walk 1	-	-	-	-	-	-
Seconds Per Actuation *	2.5	-	-	-	2.5	-
Max Variable Initial *	39	-	-	-	34	-
Time Before Reduction *	15	-	-	-	15	-
Time To Reduce *	30	-	-	-	30	-
Minimum Gap	3.0	-	-	-	3.0	-
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

- | PROPOSED | EXISTING |
|----------|----------|
| ○ | ● |
| ○ | ○ |
| + | + |
| + | + |
| ○ | ○ |
| ○ | ○ |
| ○ | ○ |
| ○ | ○ |
| ○ | ○ |
| ○ | ○ |
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| ○ | ○ |
| ○ | ○ |
| ○ | ○ |
| ○ | ○ |
| ○ | ○ |

New Installation

Prepared In the Offices of:

750 N. Greenfield Pkwy, Garner, NC 27529

SR 2999 (Hampton Road) at SR 3000 (Idols Road)

Division 9 Forsyth County Clemmons

PLAN DATE: October 2015 REVIEWED BY:

PREPARED BY: I. O. Umzurike REVIEWED BY:

SEAL

1/5/2016

SIG. INVENTORY NO. 09-0758

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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