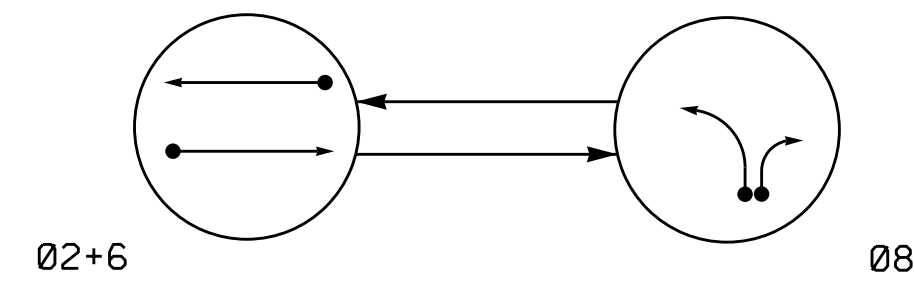


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

- ←●→ DETECTED MOVEMENT
- ←---→ UNDETECTED MOVEMENT (OVERLAP)
- ←...→ UNSIGNALIZED MOVEMENT
- ←- - -> PEDESTRIAN MOVEMENT

TABLE OF OPERATION

SIGNAL FACE	PHASE		
	02+6	08	FLASH
21,22,23	G	R	Y
61,62	G	R	Y
81,82	R	G	R

OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	DETECTOR PROGRAMMING								
				NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
2A	6X6	355	6	Y	2	Y	Y	-	-	-	-	Y
6B/S08	6X6	350	6	Y	6	Y	Y	-	-	-	-	Y
8A	6X40	0	2-4-2	Y	8	Y	Y	-	-	-	-	Y
8B	6X40	0	2-4-2	Y	8	Y	Y	-	-	15	-	Y

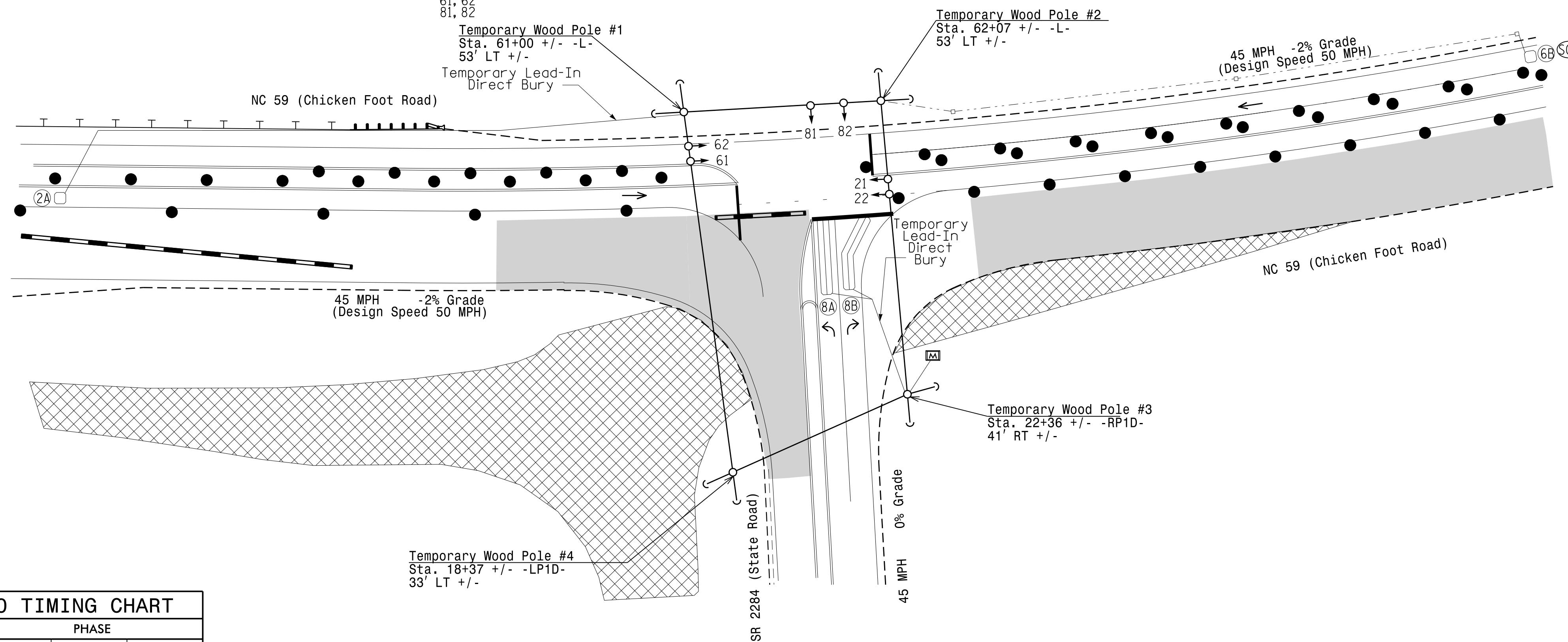
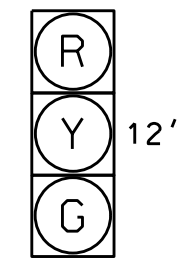
2 Phase Fully Actuated NC 59 Closed Loop System

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 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.
- Closed loop system data: Master Asset #10614 Controller Asset #0955.

SIGNAL FACE I.D.

All Heads L.E.D.



OASIS 2070 TIMING CHART

FEATURE	PHASE		
	2	6	8
Min Green 1 *	14	14	7
Extension 1 *	6.0	6.0	2.0
Max Green 1 *	90	90	25
Yellow Clearance	4.7	5.0	3.0
Red Clearance	1.0	1.1	2.3
Walk 1 *	-	-	-
Don't Walk 1	-	-	-
Seconds Per Actuation *	2.5	2.5	-
Max Variable Initial *	40	40	-
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	-	-	-
Simultaneous Gap	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.

PROPOSED		EXISTING	
○	Traffic Signal Head	●	N/A
●	Modified Signal Head	-	N/A
⊥	Sign	⊥	N/A
⊥	Pedestrian Signal Head With Push Button & Sign	⊥	N/A
○	Signal Pole with Guy	○	N/A
○	Signal Pole with Sidewalk Guy	○	N/A
▭	Inductive Loop Detector	▭	N/A
⊥	Master Controller & Cabinet	⊥	N/A
⊥	Junction Box	⊥	N/A
- - -	2-in Underground Conduit	- - -	N/A
- - -	Right of Way	- - -	N/A
→	Directional Arrow	→	N/A
●	Construction Zone Drums	●	N/A
- - -	Concrete Barrier	- - -	N/A
▭	Construction Zone	▭	N/A

Signal Upgrade - Temp 2 (Phase II-3)

	NC 59 (Chicken Foot Road) at I-95 Bus. / US 301 NB Ramps / SR 2284 (State Road)		SEAL STATE OF NORTH CAROLINA PROFESSIONAL ENGINEER MEGHAN E. LEBLANC 042608
	Division 6 Cumberland County Hope Mills PLAN DATE: October 2017 REVIEWED BY: ZML PREPARED BY: Meghan LeBlanc REVIEWED BY:	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
750 N. Greenfield Pkwy, Garner, NC 27529 SCALE: 0 40 1" = 40'	REVISIONS: INIT. DATE		11/28/2017 SIG. INVENTORY NO. 06-095512