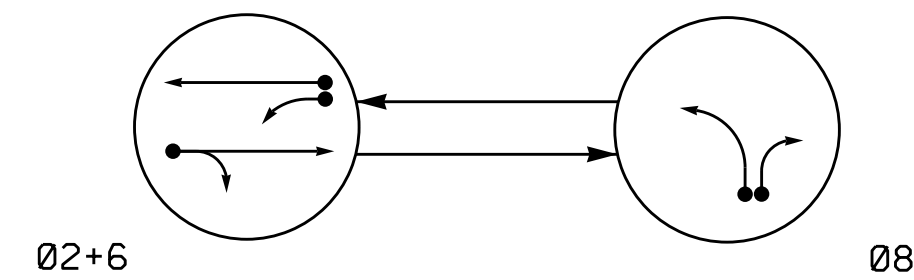


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

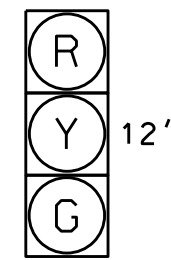
- ←●→ DETECTED MOVEMENT
- ←---→ UNDETECTED MOVEMENT (OVERLAP)
- ←...→ UNSIGNALIZED MOVEMENT
- ←- - -> PEDESTRIAN MOVEMENT

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

SIGNAL FACE I.D.

All Heads L.E.D.



21, 22
62, 63
81, 82

Metal Pole #1
Std. Case S35H2
Sta. 60+91 -L- +/-
58' LT +/-

Metal Pole #2
Std. Case S35H2
Sta. 62+26 -L- +/-
59' LT +/-

Metal Pole #3
Std. Case S35H2
Sta. 62+32 -L- +/-
68' RT +/-

Metal Pole #4
Std. Case S35H2
Sta. 60+90 -L- +/-
67' RT +/-

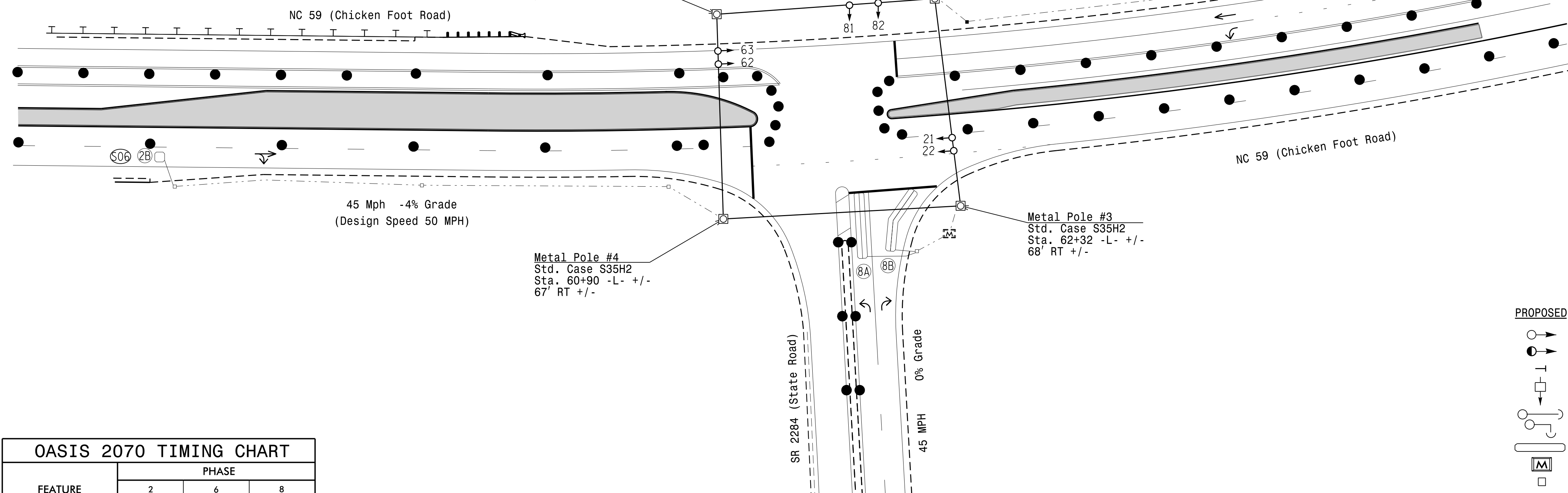
OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

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
2B/S06	6X6	355	6	Y	2	Y	Y	-	-	-	Y	Y
6B/S08	6X6	350	6	-	6	Y	Y	-	-	-	Y	-
8A	6X40	0	2-4-2	Y	8	Y	Y	-	-	3	-	-
8B	6X40	0	2-4-2	Y	8	Y	Y	-	-	15	-	-

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.



OASIS 2070 TIMING CHART

FEATURE	PHASE		
	2	6	8
Min Green 1 *	12	14	7
Extension 1 *	6.0	6.0	2.0
Max Green 1 *	90	90	25
Yellow Clearance	5.0	5.0	3.0
Red Clearance	1.2	1.1	3.2
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	LEGEND	EXISTING
○	Traffic Signal Head	●
●	Modified Signal Head	N/A
⊥	Sign	⊥
⊥	Pedestrian Signal Head With Push Button & Sign	⊥
⊥	Signal Pole with Guy	⊥
⊥	Signal Pole with Sidewalk Guy	⊥
▭	Inductive Loop Detector	▭
▭	Master Controller & Cabinet	▭
▭	Junction Box	▭
- - -	2-in Underground Conduit	- - -
N/A	Right of Way	- - -
→	Directional Arrow	→
N/A	Construction Zone Drums	●
N/A	Concrete Barrier	▬
▬	Construction Zone	▬

Signal Upgrade - Temp 4 (Phase III)

	<p>NC 59 (Chicken Foot Road) at I-95 Bus. / US 301 NB Ramps / SR 2284 (State Road)</p>						
	<p>Division 6 Cumberland County Hope Mills</p> <p>PLAN DATE: October 2017 REVIEWED BY: ZML</p> <p>PREPARED BY: Meghan LeBlanc REVIEWED BY:</p>	<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	INIT.	DATE	
NO.	INIT.	DATE					
<p>750 N. Greenfield Pkwy, Garner, NC 27529</p> <p>SCALE: 0 40 1" = 40'</p>	<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		<p>SEAL</p> <p>MEGHAN E. LEBLANC</p> <p>11/28/2017</p> <p>SIG. INVENTORY NO. 06-095514</p>				