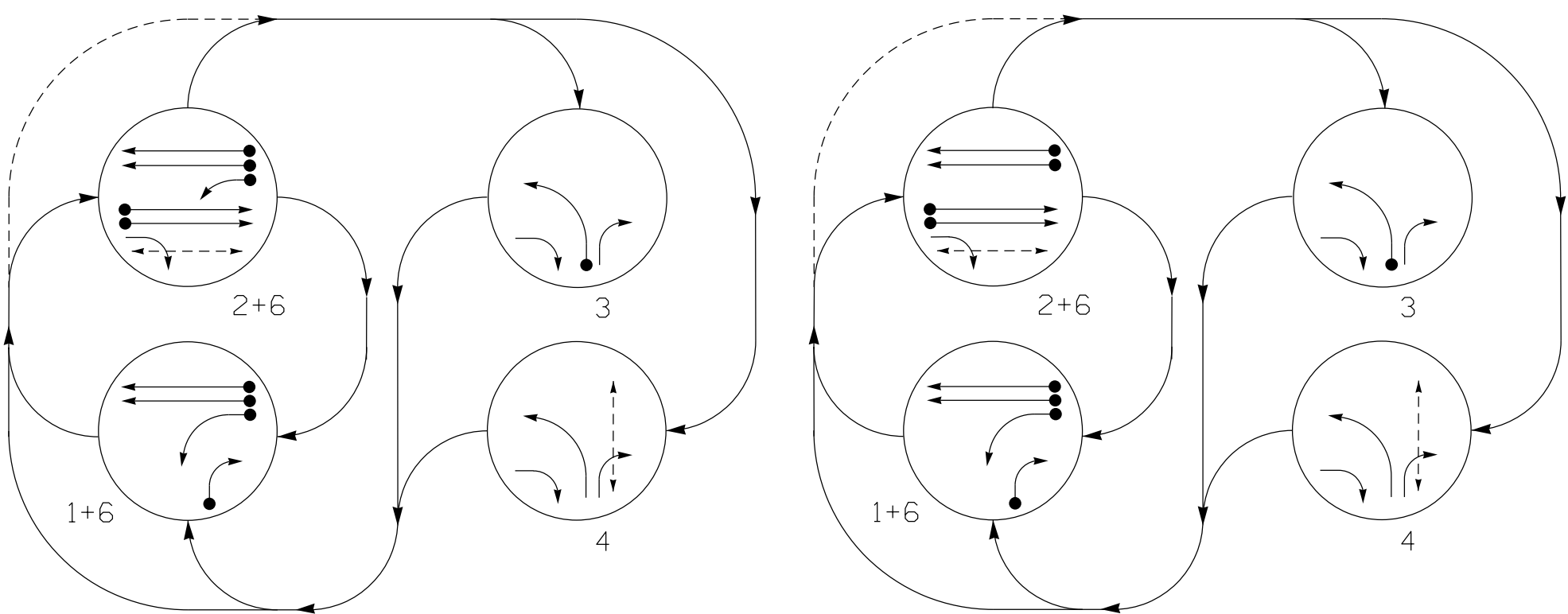
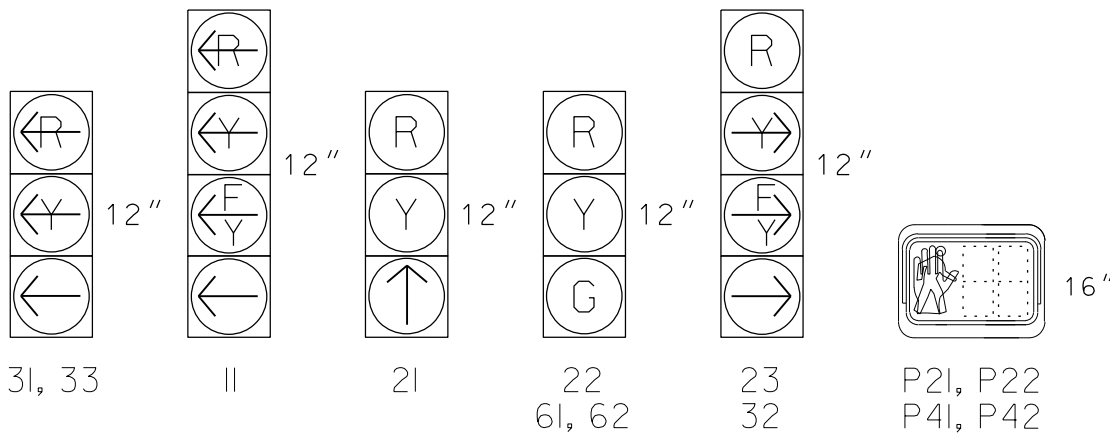


ALTERNATE PHASING DIAGRAM



 DETECTED MOVEMENT
 UNDETECTED MOVEMENT (OVERLAP)
 UNSIGNALIZED MOVEMENT
 PEDESTRIAN MOVEMENT

All Heads L.E.D.



ALTERNATE PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE				
	1 + 6	2 + 6	3	4	F L A S H
11	←	←	←	←	←
21	R	↑	R	R	R
22	R	G	R	R	R
23	R	←	→	→	R
61, 62	G	G	R	R	R
31, 33	←	←	←	←	←
32	→	→	←	←	R
P21, P22	DW	W	DW	DW	DRK
P41, P42	DW	DW	DW	W	DRK

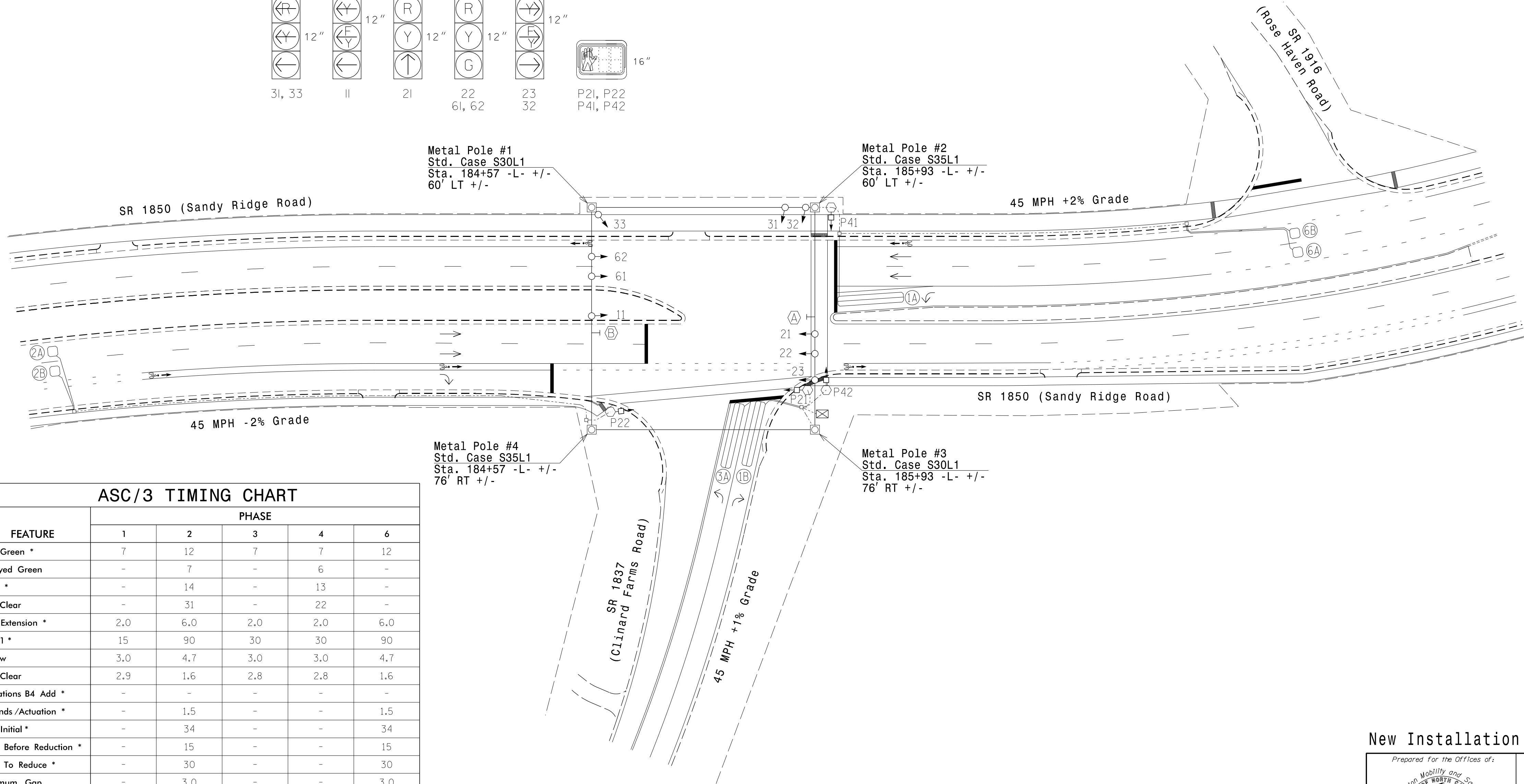
SIGNAL FACE	PHASE				
	1 + 6	2 + 6	3	4	FLASH
II	←	→	→	→	→
2I	R	↑	R	R	R
22	R	G	R	R	R
23	R	↗	→	→	R
6I, 62	G	G	R	R	R
3I, 33	→	→	←	←	→
32	→	R	→	↘	R
P2I, P22	DW	W	DW	DW	DRK
P4I, P42	DW	DW	DW	W	DRK

DETECTOR

DETECTOR					PROGRAMMING								
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTEND TIME	DELAY TIME	USE ADDED INITIAL	TYPE	LOOP SYSTEM	LOOP CARD	
1A	6X40	0	2-4-2	X	1 6#	Yes	-	15.0*	-	N	-	X	
					6#	Yes	-	3.0	-	G	-	X	
1B	6X40	0	2-4-2	X	1	Yes	-	15.0	-	N	-	X	
2A	6X6	300	4	X	2	Yes	-	-	X	N	-	X	
2B	6X6	300	4	X	2	Yes	-	-	X	N	-	X	
3A	6X40	0	2-4-2	X	3	Yes	-	3.0	-	N	-	X	
6A	6X6	300	4	X	6	Yes	-	-	X	N	-	X	
6B	6X6	300	4	X	6	Yes	-	-	X	N	-	X	

* Disable delay during alternate phasing operation

```
# Disable phase call for loop(s) during alternate phasing operation
```



PHASE

FEATURE	PHASE				
	1	2	3	4	6
Min Green *	7	12	7	7	12
Delayed Green	-	7	-	6	-
Walk *	-	14	-	13	-
Ped Clear	-	31	-	22	-
Veh. Extension *	2.0	6.0	2.0	2.0	6.0
Max 1 *	15	90	30	30	90
Yellow	3.0	4.7	3.0	3.0	4.7
Red Clear	2.9	1.6	2.8	2.8	1.6
Actuations B4 Add *	-	-	-	-	-
Seconds /Actuation *	-	1.5	-	-	1.5
Max Initial *	-	34	-	-	34
Time Before Reduction *	-	15	-	-	15
Time To Reduce *	-	30	-	-	30
Minimum Gap	-	3.0	-	-	3.0
Locking Detector	-	X	-	-	X
Recall Position **	-	SOFT RECALL	-	-	SOFT RECALL
Dual Entry	-	-	-	-	-
Simultaneous Gap	X	X	X	X	X

* 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.

** May be changed to Min Recall by Time of Day at discretion of City Traffic Engineer.

PROPOSED

	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	
	Controller & Cabinet	
	Junction Box	
-----	2-in Underground Conduit	-----
N/A	Right of Way	-----
	Directional Arrow	
	Metal Strain Pole	
	Type II Signal Pedestal	
N/A	Curb Ramp	
	No U-Turn/No Left Turn Sign (R3-18)	
	"U-TURN YIELD TO RIGHT TURN" Sign (R10-16)	

EXISTING



 N/A



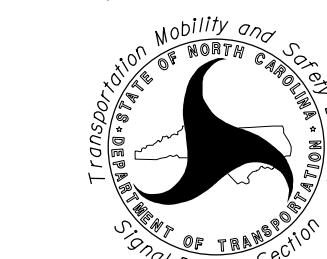
 A

 B

New Installation



Prepared for the Offices of:



750 N.Greenfield Pkwy.Garner,NC 27529

SCALE

40

1" = 40'

SR 1850 (Sandy Ridge Road)
at
SR 1837 (Clinard Farms Road)

Division 7 Guilford County High Point

PLAN DATE: January 2025	REVIEWED BY: AM Encarnacion
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PREPARED BY: JT Stiff	REVIEWED BY: PL Alexander
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REVISIONS	INIT.	DATE
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DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL



GAME ENGINE

Signed by: 11/25 T.

James Stiff

—D54BD037672A434...

SIG. INVENTORY NO.