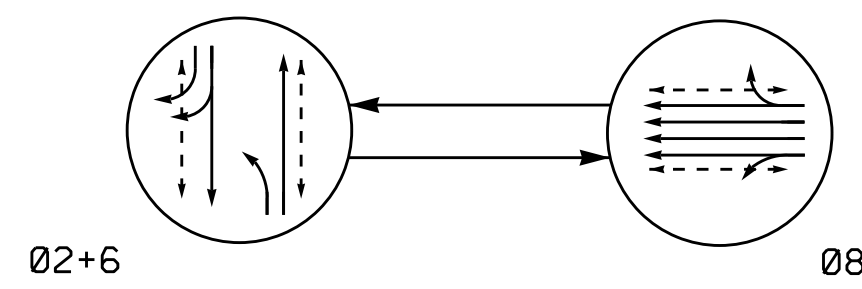## PHASING DIAGRAM

02+6   08

PHASING DIAGRAM DETECTION LEGEND

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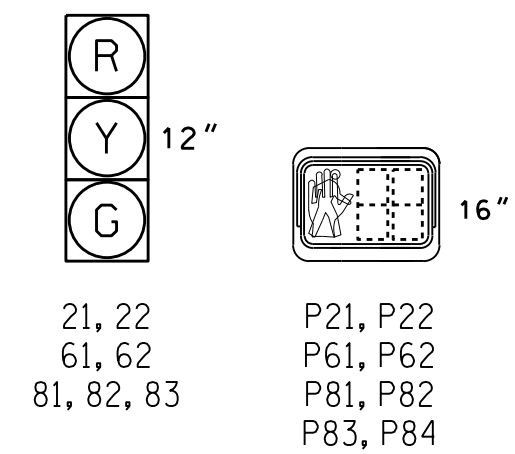- ←--- PEDESTRIAN MOVEMENT

TABLE OF OPERATION

SIGNAL FACE	PHASE		
	Ø2+6	Ø8	FLASH
21, 22	G	R	Y
61, 62	G	R	Y
81, 82, 83	R	G	R
P21, P22	W	DW	DRK
P61, P62	W	DW	DRK
P81, P82	DW	W	DRK
P83, P84	DW	W	DRK

W – Walk
DW – Don't Walk
DRK – Dark

SIGNAL FACE I.D.

All Heads L.E.D.

R Y G 12"

21, 22
61, 62
81, 82, 83

16"

P21, P22
P61, P62
P81, P82
P83, P84

2 Phase
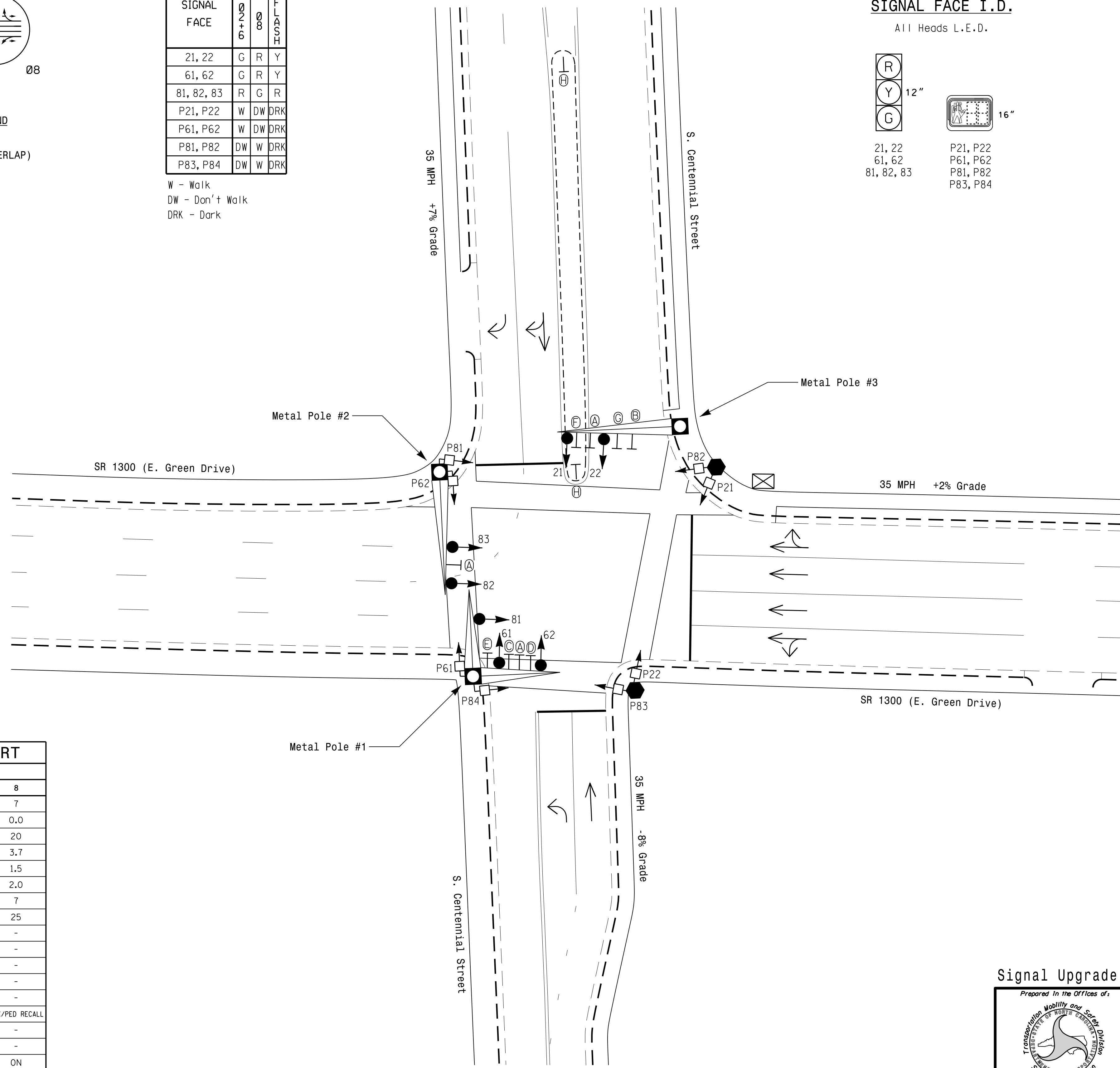## Pre-Timed
(High Point Signal System)

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. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
4. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
5. Pavement markings are existing.
6. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

Metal Pole #3

Metal Pole #2

SR 1300 (E. Green Drive)

S. Centennial Street

35 MPH +7% Grade

35 MPH +2% Grade

35 MPH -8% Grade

SR 1300 (E. Green Drive)

Metal Pole #1

P81, P62, P83, P82, P81, P61, P84, P22, P83, P21, P82

21, 22, 61, 62

LEGEND

PROPOSED		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	▭
⊠	Controller & Cabinet	⊠
□	Junction Box	■
	2-in Underground Conduit	
N/A	Right of Way	
→	Directional Arrow	→
▭	Metal Pole with Mastarm	▭
○	Type II Signal Pedestal	●
Ⓐ	Street Name Sign (D3-1)	Ⓐ
Ⓑ	Left "ONE WAY" Arrow Sign (R6-1L)	Ⓑ
Ⓒ	Right "ONE WAY" Arrow Sign (R6-1R)	Ⓒ
Ⓓ	Combined Through and Right Arrow Sign (R3-6R)	Ⓓ
Ⓔ	Right Arrow "ONLY" Sign (R3-5R)	Ⓔ
Ⓕ	Left Arrow "ONLY" Sign (R3-5L)	Ⓕ
Ⓖ	Through Arrow "ONLY" Sign (R3-5A)	Ⓖ
Ⓗ	No U-Turn Sign (R3-4)	Ⓗ

OASIS 2070 TIMING CHART

FEATURE	PHASE		
	2	6	8
Min Green 1 *	10	10	7
Extension 1 *	0.0	0.0	0.0
Max Green 1 *	45	45	20
Yellow Clearance	4.5	3.5	3.7
Red Clearance	1.4	1.4	1.5
Red Revert	2.0	2.0	2.0
Walk 1 *	7	7	7
Don't Walk 1	17	14	25
Seconds Per Actuation *	-	-	-
Max Variable Initial *	-	-	-
Time Before Reduction *	-	-	-
Time To Reduce *	-	-	-
Minimum Gap	-	-	-
Recall Mode	MAX/PED RECALL	MAX/PED RECALL	MAX/PED RECALL
Vehicle Call Memory	-	-	-
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.

Signal Upgrade

SEAL
NORTH CAROLINA
PROFESSIONAL
SEAL
026486
ROBERT J. ZIMMER
ENGINEER

SIGNATURE   3/16/2015 DATE

N

SCALE
0   20
1" = 20'

16-MAR-2015 12:33G
Si*#TJS&SDw#TS Signals#TS Signal Design Section#Central Region#Div 7#C-5558 High Point#Signal Plans#Signal Design#Plans#07-0995#070995.sig.dsn.20150316.dgn
rziemba