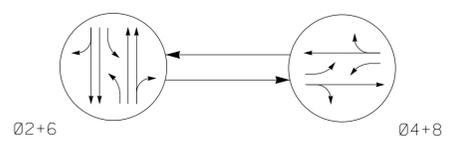|	PROJECT REFERENCE NO.	SHEET NO.
	C-5558	Sig. 207.0

PHASING DIAGRAM

Ø2+6   Ø4+8

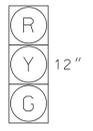### PHASING DIAGRAM DETECTION LEGEND

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

TABLE OF OPERATION

SIGNAL FACE	PHASE		
	Ø2+6	Ø4+8	FLASH
21,22,23	G	R	Y
41,42	R	G	R
61,62,63	G	R	Y
81,82	R	G	R

SIGNAL FACE I.D.

All Heads L.E.D.

R
Y   12"
G

21,22,23
41,42
61,62,63
81,82

OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

INDUCTIVE LOOPS					DETECTOR PROGRAMMING								
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
S1	6x6	+111	EXIST	-	SYS	-	-	-	-	-	Y	Y
S2	6x6	+111	EXIST	-	SYS	-	-	-	-	-	Y	Y

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. Pavement markings are existing.
5. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
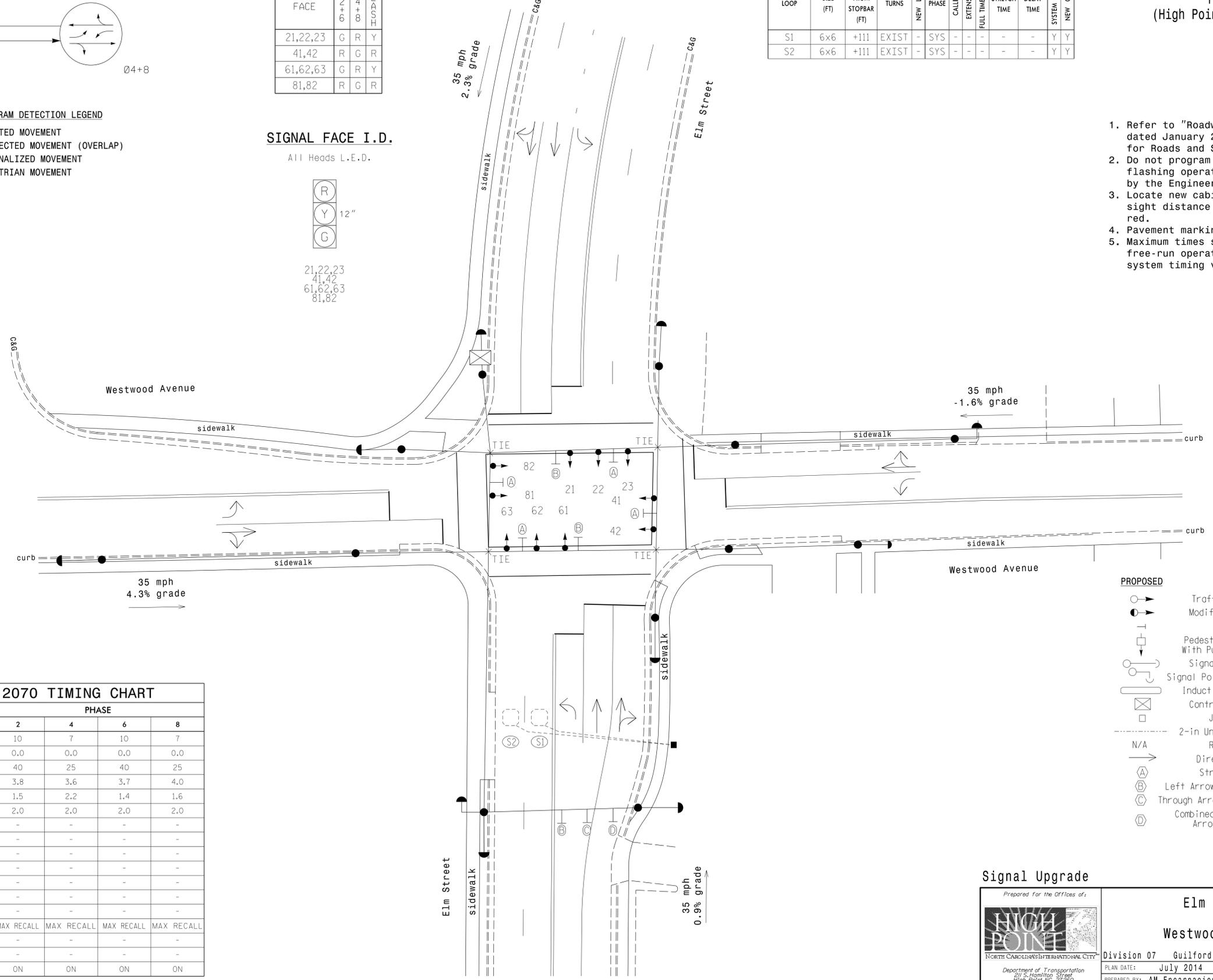
OASIS 2070 TIMING CHART

FEATURE	PHASE			
	2	4	6	8
Min Green 1 *	10	7	10	7
Extension 1 *	0.0	0.0	0.0	0.0
Max Green 1 *	40	25	40	25
Yellow Clearance	3.8	3.6	3.7	4.0
Red Clearance	1.5	2.2	1.4	1.6
Red Revert	2.0	2.0	2.0	2.0
Walk 1 *	-	-	-	-
Don't Walk 1	-	-	-	-
Seconds Per Actuation *	-	-	-	-
Max Variable Initial *	-	-	-	-
Time Before Reduction *	-	-	-	-
Time To Reduce *	-	-	-	-
Minimum Gap	-	-	-	-
Recall Mode	MAX RECALL	MAX RECALL	MAX RECALL	MAX RECALL
Vehicle Call Memory	-	-	-	-
Dual Entry	-	-	-	-
Simultaneous Gap	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
○—►	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	→
Ⓐ	Street Name Sign	Ⓐ
Ⓑ	Left Arrow "ONLY" Sign (R3-5L)	Ⓑ
Ⓒ	Through Arrow "ONLY" Sign (R3-5A)	Ⓒ
Ⓓ	Combined Through and Right Arrow Sign (R3-6R)	Ⓓ

Signal Upgrade

Elm Street
at
Westwood Avenue

Division 07   Guilford County   High Point

PLAN DATE: July 2014	REVIEWED BY: LM Moon
PREPARED BY: AM Encarnacion	REVIEWED BY: MB Toth

SEAL
NORTH CAROLINA
PROFESSIONAL
SEAL
025892
ENGINEER
MELISSA B. TOTH

Prepared for the Offices of:
HIGH POINT
NORTH CAROLINA'S INTERNATIONAL CITY®

Department of Transportation
211 S. Hamilton Street
High Point, NC 27260

SCALE
0   20
1"=20'

ATKINS
1616 EAST MILLBROOK ROAD, SUITE 310
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888   NCBEES #F-0326

REVISIONS

Melissa B. Toth
SIGNATURE
6/5/2015
DATE

SIG. INVENTORY NO.   HP0614

Westwood Avenue
Elm Street
sidewalk
curb
35 mph 2.3% grade
35 mph -1.6% grade
35 mph 4.3% grade
35 mph 0.9% grade
TIE
C&G