PHASING DIAGRAM

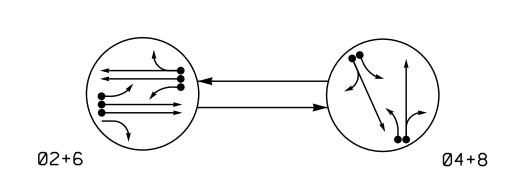


TABLE OF OPERATION						
	PHASE					
SIGNAL FACE	ØN+6	04+8	FLASH			
21, 22, 23, 24	G	R	Υ			
41, 42	R	G	R			
61, 62, 63	G	R	Υ			
81, 82	R	G	R			

SIGNAL FACE I.D.
All Heads L.E.D.
R Y 12"
21, 22, 23, 24 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
2A,2B	6X6	300	EXIST	_	2	Υ	Υ	_	-	1	-	Υ
2C,2D	6X6	90	EXIST	-	DISCONNECT			-	-			
2E	6X60	+5	2-4-2	_	2	Υ	Υ	Υ	-	3	-	Υ
4A	6X40	0	2-4-2	-	4	Υ	Υ	-	-	3	1	Υ
4B	6X40	0	2-4-2	-	4	Υ	Υ	-	-	10	-	Υ
6A,6B	6X6	300	EXIST	-	6	Υ	Υ	_	-	-	-	Υ
6C,6D	6X6	90	EXIST	-	DISCONNECT -			-	-			
6E	6X60	+5	2-4-2	-	6	Υ	Υ	Υ	-	3	-	Υ
8.8	6X40	0	2-4-2	-	8	Υ	Υ	_	-	3	-	Υ
8B	6X40	0	2-4-2	_	8	Υ	Υ	_	_	10	-	Υ

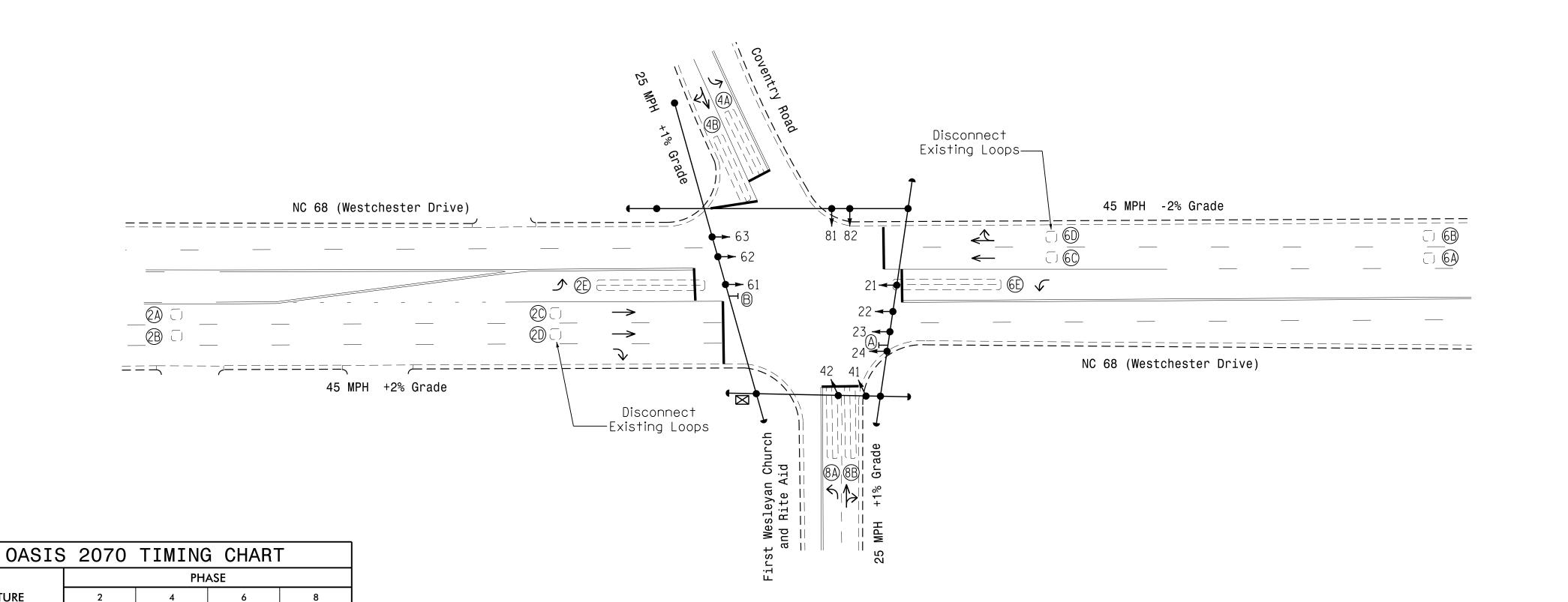
PHASING DIAGRAM DETECTION LEGEND

DETECTED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)

UNSIGNALIZED MOVEMENT

← − − > PEDESTRIAN MOVEMENT



	2	Phase	
	Fully	Actuat	ed
(High	Point	Signal	System)

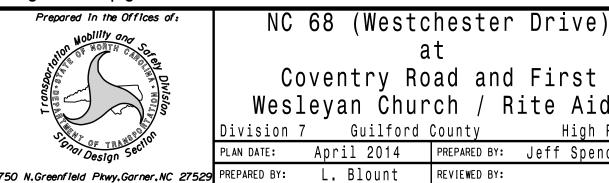
NOTES

- 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. Disconnect existing loops 2C, 2D, 6C, and 6D.
- 4. Set all detector units to presence mode.
- 5. In the event of loop replacement, refer to the current ITS and Signals Design Manual and submit a Plan of Record to the Signal Design Section.
- 6. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 7. The cabinet should be designed to include an Auxiliary Output file for future use.
- 8. Existing Left Arrow "Only" sign (R3-5L) may be removed at the direction of the Engineer.
- 9. Pavement markings are existing.
- 10. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

LEGEND

<u>)</u>	EXISTING
Traffic Signal Head	
Modified Signal Head	N/A
Sign	\dashv
Pedestrian Signal Head With Push Button & Sign	+
Signal Pole with Guy	
Signal Pole with Sidewalk Guy	
Inductive Loop Detector	$\subset = = = = = = = = = = = = = = = = = = =$
Controller & Cabinet	κ×η Κ×η
Junction Box	
2-in Underground Conduit	
Right of Way	
Directional Arrow	\longrightarrow
Right Arrow "ONLY" Sign (R3-5R	() (A)
Left Arrow "ONLY" Sign (R3-5L) B
	Traffic Signal Head Modified Signal Head 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 Right of Way Directional Arrow Right Arrow "ONLY" Sign (R3-5R

Signal Upgrade



Coventry Road and First Wesleyan Church / Rite Aid Division 7 Guilford County PLAN DATE: April 2014 PREPARED BY: Jeff Spence REVISIONS INIT. DATE

SIG. INVENTORY NO.

SEAL

		- '	- '	
* These values may be field	l adjusted. Do	not adjust Min (Green and Exten	sion times for
phases 2 and 6 lower tha	ın what is show	n. Min Green	for all other phase	es should not
be lower than 4 seconds.				

12

6.0

4.3

1.3

15

3.0

MIN RECALL

YELLOW

1.0

25

3.1

3.1

12

6.0

60

4.7

1.3

1.5

34

3.0

MIN RECALL

YELLOW

1.0 25

3.1

2.8

-

ON

FEATURE

Min Green 1 *

Max Green 1 *

Yellow Clearance

Seconds Per Actuation *

Time Before Reduction

Max Variable Initial *

Time To Reduce *

Vehicle Call Memory

Minimum Gap

Recall Mode

Red Clearance