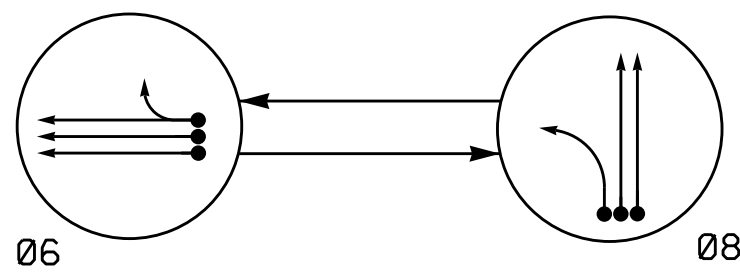


2 Phase
Fully Actuated
Wilmington Signal System

PHASING DIAGRAM



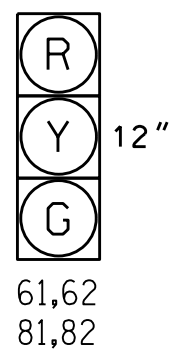
PHASING DIAGRAM DETECTION LEGEND

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

SIGNAL FACE	PHASE		
	06	08	15
61,62	G	R	Y
81,82	R	G	R

SIGNAL FACE I.D.

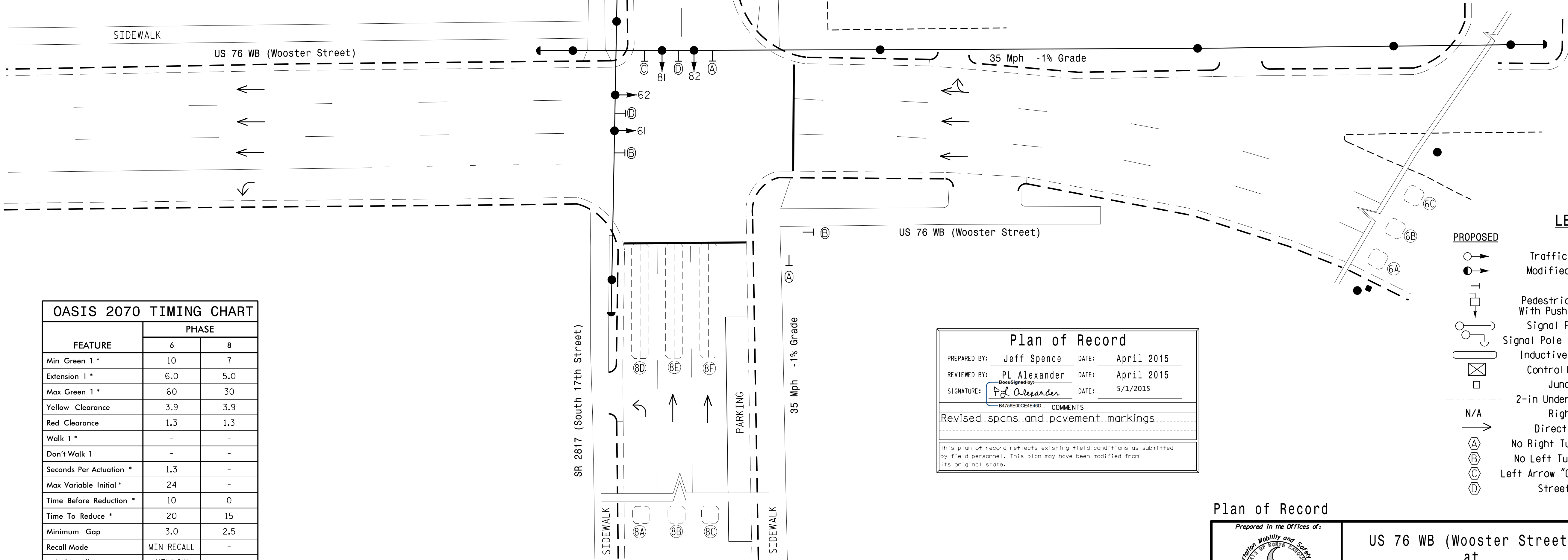
All Heads L.E.D.



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
6A	6X6	250	3	-	6	Y	Y	-	-	-	-	-
6B	6X6	250	3	-	6	Y	Y	-	-	-	-	-
6C	6X6	250	3	-	6	Y	Y	-	-	-	-	-
8A	6X6	200	3	-	8	-	Y	-	-	-	-	-
8B	6X6	200	3	-	8	-	Y	-	-	-	-	-
8C	6X6	200	3	-	8	-	Y	-	-	-	-	-
8D	6X40	0	2-4-2	-	8	Y	Y	Y	2.0	5	-	-
8E	6X40	0	2-4-2	-	8	Y	Y	Y	2.0	5	-	-
8F	6X40	0	2-4-2	-	8	Y	Y	Y	2.0	5	-	-

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Set all detector units to presence mode.
- Pavement markings are existing.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- Signal system data: Controller Asset #0081.



OASIS 2070 TIMING CHART		
FEATURE	PHASE	
	6	8
Min Green 1 *	10	7
Extension 1 *	6.0	5.0
Max Green 1 *	60	30
Yellow Clearance	3.9	3.9
Red Clearance	1.3	1.3
Walk 1 *	-	-
Don't Walk 1	-	-
Seconds Per Actuation *	1.3	-
Max Variable Initial *	24	-
Time Before Reduction *	10	0
Time To Reduce *	20	15
Minimum Gap	3.0	2.5
Recall Mode	MIN RECALL	-
Vehicle Call Memory	YELLOW	-
Dual Entry	-	-
Simultaneous Gap	ON	ON

* These values may be field adjusted. Do not adjust Min Green and Extension times for phase 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 | N/A |
| 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 | → |
| No Right Turn Sign (R3-1) | (A) |
| No Left Turn Sign (R3-2) | (B) |
| Left Arrow "ONLY" Sign (R3-5L) | (C) |
| Street Name Sign | (D) |

Plan of Record

PREPARED BY: Jeff Spence DATE: April 2015

REVIEWED BY: PL Alexander DATE: April 2015

SIGNATURE: [Signature] DATE: 5/1/2015

COMMENTS: Revised spans and pavement markings.

This plan of record reflects existing field conditions as submitted by field personnel. This plan may have been modified from its original state.

Plan of Record

	US 76 WB (Wooster Street) at SR 2817 (S. 17th Street)		SEAL
	Division 3 New Hanover County Wilmington		Not a certified document. This document originally issued and sealed by Robert J. Ziemba, 26486 on 4/2/08. This document shall not be considered a certified document.
	PLAN DATE: May 2007	PREPARED BY: Sterling	SIGNATURE: _____ DATE: _____
	PREPARED BY: J Navarrete	REVIEWED BY: _____	SIG. INVENTORY NO. 03-0081

REVISIONS	INIT.	DATE
✓ Revise phase 8 to EC/DC and install new loops for phase 6	PLA	11/22/11