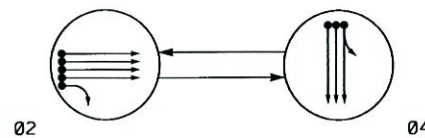
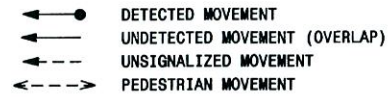


PHASING DIAGRAM



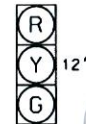
PHASING DIAGRAM DETECTION LEGEND



SIGNAL FACE	PHASE		
	02	04	FLASH
21, 22, 23, 24	G	R	Y
41, 42	R	G	R

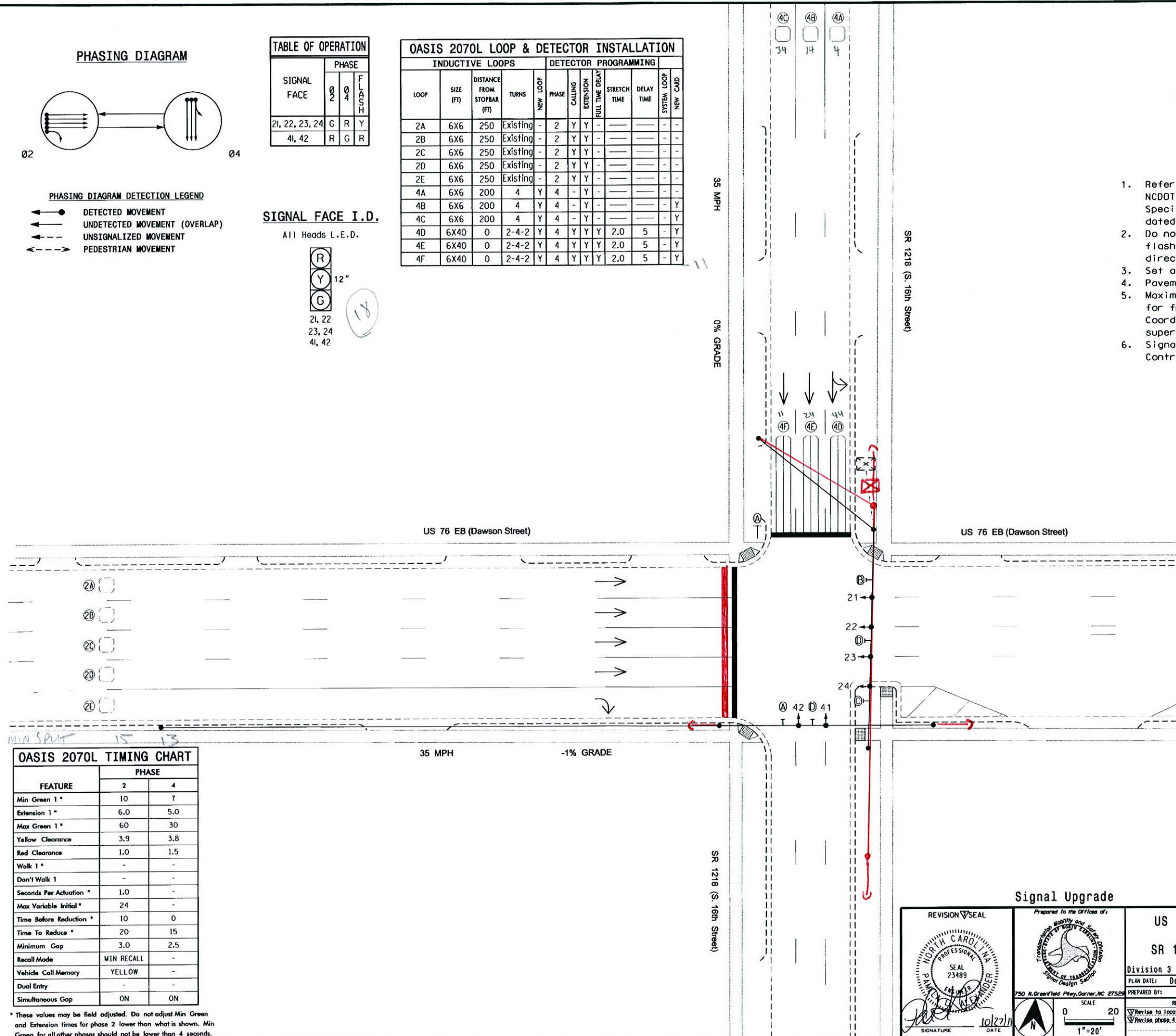
SIGNAL FACE I.D.

All Heads L.E.D.



21, 22  
23, 24  
41, 42

OASIS 2070L LOOP & DETECTOR INSTALLATION												
INDUCTIVE LOOPS					DETECTOR PROGRAMMING							
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	URNS	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
2A	6X6	250	Existing	-	2	Y	Y	-	-	-	-	-
2B	6X6	250	Existing	-	2	Y	Y	-	-	-	-	-
2C	6X6	250	Existing	-	2	Y	Y	-	-	-	-	-
2D	6X6	250	Existing	-	2	Y	Y	-	-	-	-	-
2E	6X6	250	Existing	-	2	Y	Y	-	-	-	-	-
4A	6X6	200	4	Y	4	-	Y	-	-	-	-	-
4B	6X6	200	4	Y	4	-	Y	-	-	-	-	-
4C	6X6	200	4	Y	4	-	Y	-	-	-	-	-
4D	6X40	0	2-4-2	Y	4	Y	Y	Y	2.0	5	-	Y
4E	6X40	0	2-4-2	Y	4	Y	Y	Y	2.0	5	-	Y
4F	6X40	0	2-4-2	Y	4	Y	Y	Y	2.0	5	-	Y



2 Phase  
Fully Actuated  
Wilmington Signal System

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated July 2006 and "Standard Specifications for Roads and Structures" dated July 2006.
- 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 #: 0028.

LEGEND

PROPOSED	EXISTING

OASIS 2070L TIMING CHART		
FEATURE	PHASE	
	2	4
Min Green 1 *	10	7
Extension 1 *	6.0	5.0
Max Green 1 *	60	30
Yellow Clearance	3.9	3.8
Red Clearance	1.0	1.5
Walk 1 *	-	-
Don't Walk 1	-	-
Seconds Per Actuation *	1.0	-
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 2 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

Signal Upgrade

REVISION SEAL NORTH CAROLINA SEAL 23489 ENGINEER J. Ziemba DATE 10/27/11	Prepared in the Office of Transportation Mobility and Safety Division 3 750 N. Grantfield Pkwy, Garner, NC 27529 SCALE 0 20 1"=20'	US 76 EB (Dawson Street) at SR 1218 (S. 16th Street) Division 3 New Hanover County Wilmington PLAN DATE: December 2007 REVIEWED BY: PREPARED BY: Sterling REVIEWED BY: REVISIONS 1. Revise to locate new base mount cabinet 2. Revise phase 4 to EC/OC INIT. DATE JL 5/4/2009 JL 10/27/11	Not a certified document as to the Original Document but Only as to the Revisions - This document originally Issued and sealed by Robert J. Ziemba, PE #026486 on 05-01-2008 This document is only certified as to the revisions. SIG. INVENTORY NO. 03-0028
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