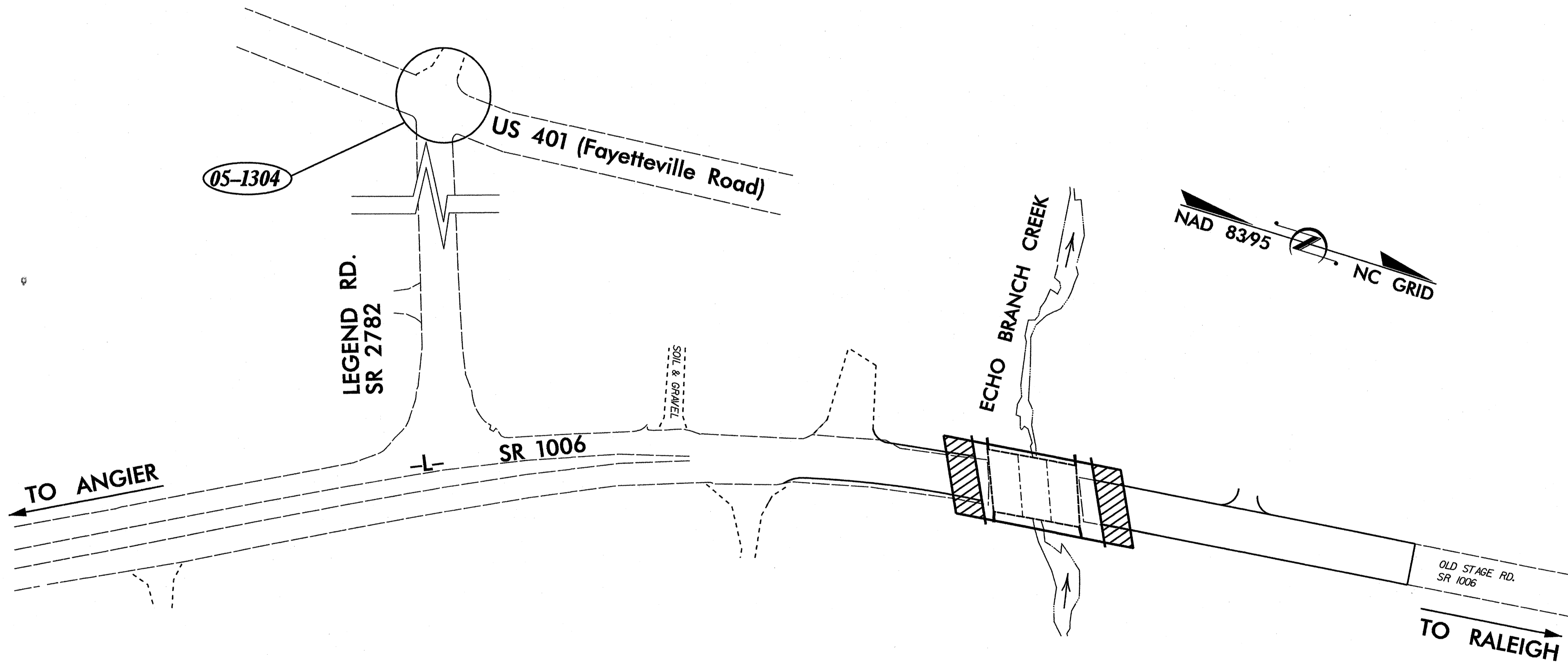
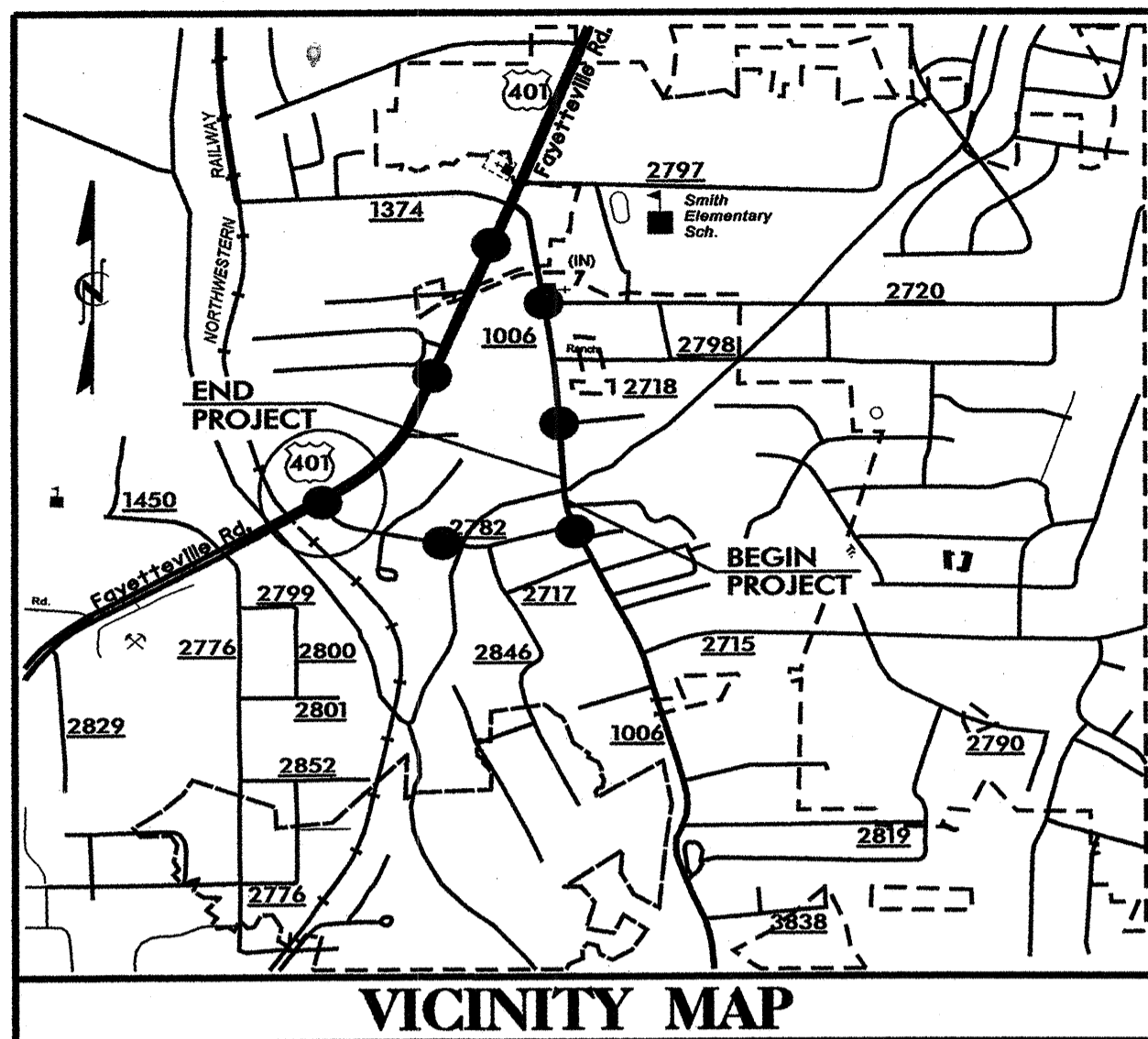


STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS  
**WAKE COUNTY**

**LOCATION: Bridge 255 over Echo Branch Creek on SR 1006**

**TYPE OF WORK: TRAFFIC SIGNALS**



**PROJECT: B-4299**

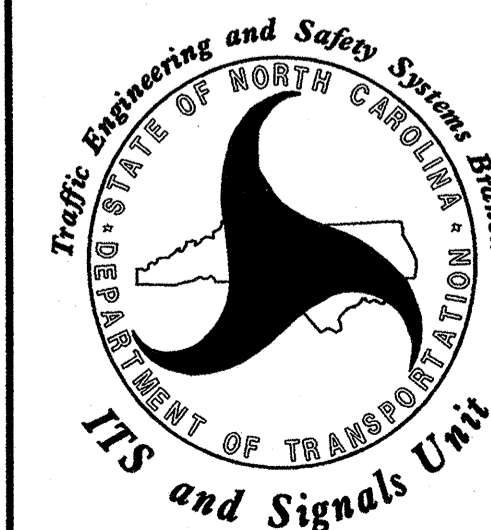
**Index of Plans**

Sheet Number	Signal Inventory Number	Location/Description
Sig. 1	-----	Title Sheet
Sig. 2-3	05-1304 Temp	US 401 (Fayetteville Road) at SR 2782 (Legend Road)/Citgo
Sig. 4-5	05-1304 Final	US 401 (Fayetteville Road) at SR 2782 (Legend Road)/Citgo

**INTELLIGENT TRANSPORTATION SYSTEMS AND SIGNALS UNIT**

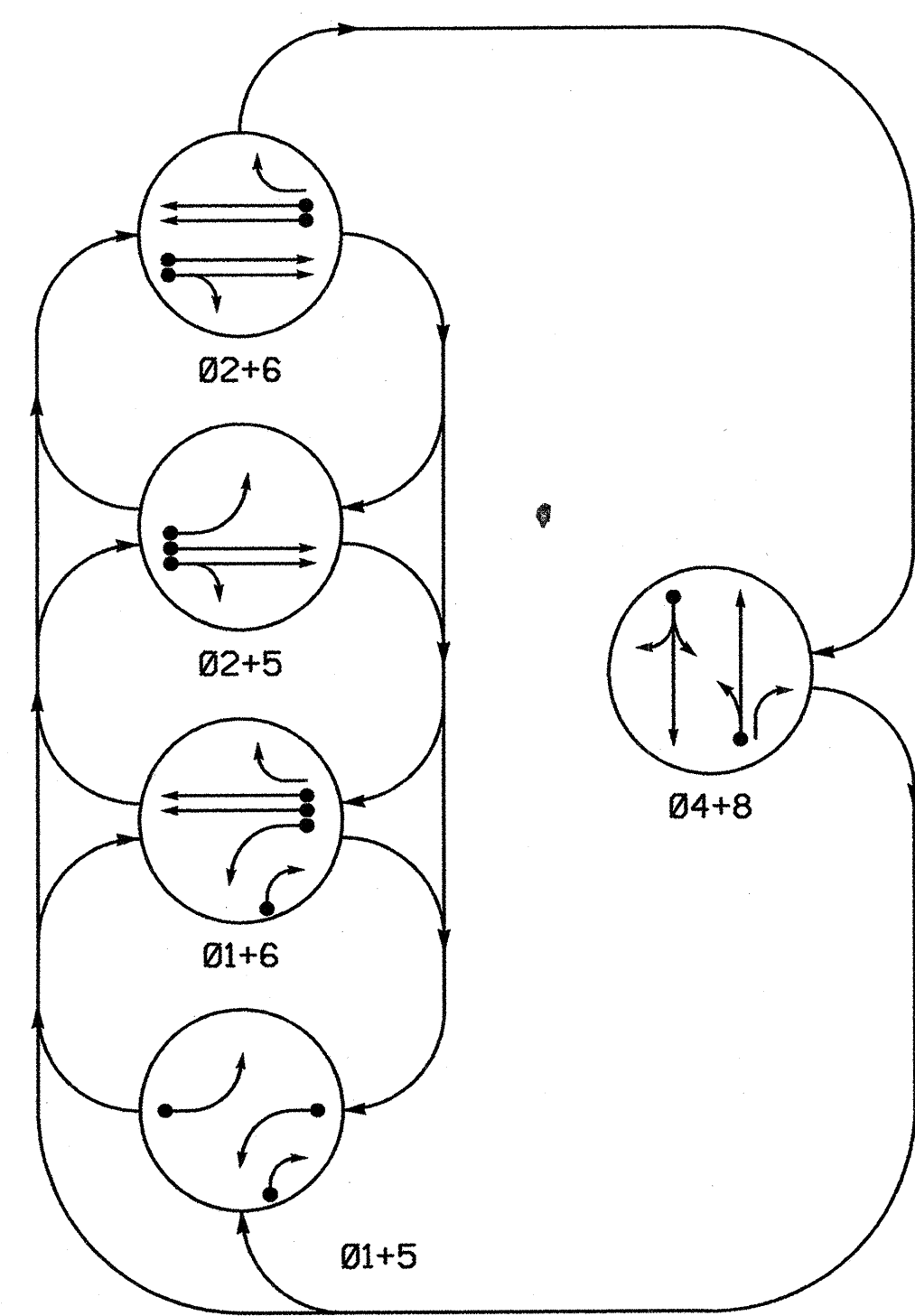
Contacts:

TIMOTHY J. WILLIAMS, PE - S & G CONTRACTS & PEF SUPPORT ENGINEER  
 GEORGE C. BROWN, PE - SIGNAL EQUIPMENT DESIGN ENGINEER



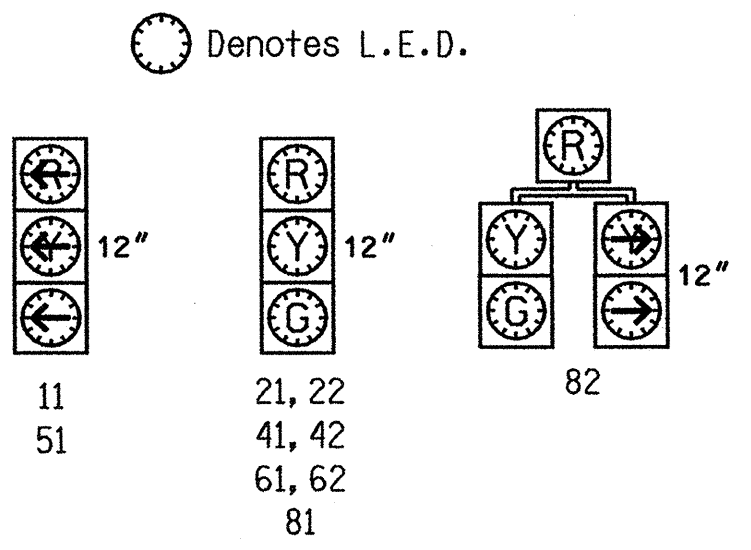
5 Phase Fully Actuated (US 401 Closed Loop System 1)

PHASING DIAGRAM



SIGNAL FACE	PHASE					
	Ø 1+5	Ø 1+6	Ø 2+5	Ø 2+6	Ø 4+8	F
11	←	←	←	←	←	←
21, 22	R	R	G	G	R	Y
41, 42	R	R	R	R	G	R
51	←	←	←	←	←	←
61, 62	R	G	R	G	R	Y
81	R	R	R	R	G	R
82	R	R	R	R	G	R

SIGNAL FACE I.D.



2070L LOOP & DETECTOR INSTALLATION

LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING						
					PHASE	CALLING EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
1A	6x60	0	EXISTING	-	1	Y	Y	-	-	-	-
1B	6x60	0	EXISTING	-	1	Y	Y	-	10	-	-
1C	6x15	0	4	Y	1	Y	Y	-	10	-	-
2A	**	420	**	-	2	Y	Y	-	-	-	-
4A	6x15	0	EXISTING	-	4	Y	Y	-	5	-	-
5A	6x60	0	EXISTING	-	5	Y	Y	-	-	-	-
6A/S1	6x6	420	EXISTING	-	6	Y	Y	-	-	Y	-
6B/S2	6x6	420	EXISTING	-	6	Y	Y	-	-	Y	-
8A	6x60	0	EXISTING	-	8	Y	Y	-	3	-	-

\*\* Microwave Detection Zone

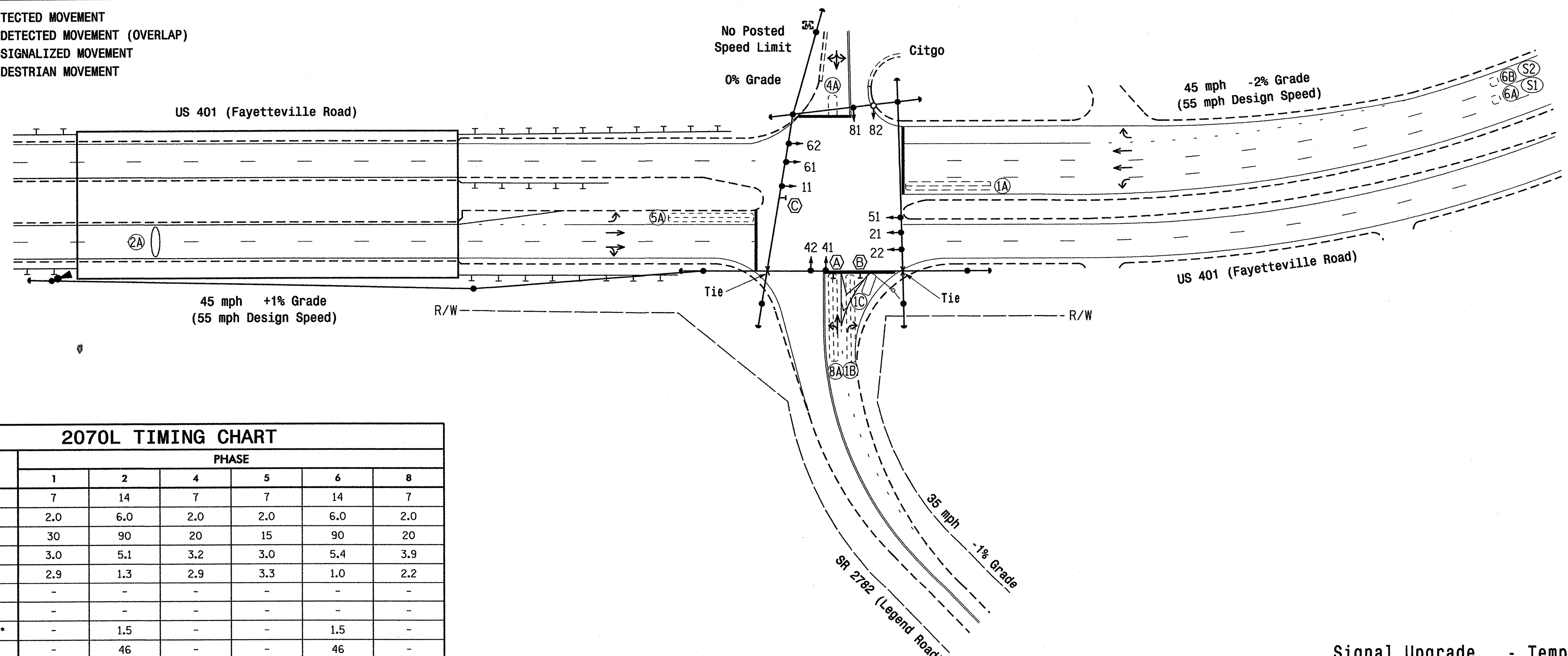
- NOTES**
- Refer to "Roadway Standard Drawings NCDOT" dated July 2006 and "Standard Specifications for Roads and Structures" dated July 2006.
  - Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
  - Phase 1 or phase 5 may be lagged.
  - Set all detector units to presence mode.
  - Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
  - Contractor will be responsible for maintaining Orange warning flags on signs (A) and (B) throughout this temporary signal.
  - Closed loop system data: Master Asset #10508, Controller Asset #1304.

PHASING DIAGRAM DETECTION LEGEND

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

LEGEND

- | PROPOSED   | EXISTING  |
|--|---|
| ○ → Traffic Signal Head                          | ● → N/A   |
| ○ → Modified Signal Head                         | ○ → N/A   |
| ⊥ Pedestrian Signal Head With Push Button & Sign | ⊥ Sign  |
| ⊥ Signal Pole with Guy                           | ⊥ Signal Pole with Sidewalk Guy                           |
| ○ Inductive Loop Detector                        | ○ Microwave Detection Zone                                |
| ○ Out of Pavement Detector                       | ○ Controller & Cabinet                                    |
| ⊠ Master Controller & Cabinet                    | ⊠ Junction Box  |
| □ 2-in Underground Conduit                       | □ Right of Way with Marker                                |
| N/A Guardrail                                    | N/A Directional Arrow                                     |
| → Pavement Marking Arrow                         | → Combined Through and Left Arrow Sign With Flags (R3-6L) |
| (A) Orange Warning Flag                          | (A) Orange Warning Flag                                   |
| (B) Right Arrow "ONLY" Sign (R3-5R)              | (B) Orange Warning Flag                                   |
| (C) U-Turn "MUST YIELD" Sign (R3-27)             | (C) U-Turn "MUST YIELD" Sign (R3-27)                      |



2070L TIMING CHART

FEATURE	PHASE					
	1	2	4	5	6	8
Min Green 1 *	7	14	7	7	14	7
Extension 1 *	2.0	6.0	2.0	2.0	6.0	2.0
Max Green 1 *	30	90	20	15	90	20
Yellow Clearance	3.0	5.1	3.2	3.0	5.4	3.9
Red Clearance	2.9	1.3	2.9	3.3	1.0	2.2
Walk 1 *	-	-	-	-	-	-
Don't Walk 1	-	-	-	-	-	-
Seconds Per Actuation *	-	1.5	-	-	1.5	-
Max Variable Initial *	-	46	-	-	46	-
Time Before Reduction *	-	15	-	-	15	-
Time To Reduction *	-	30	-	-	30	-
Minimum Gap	-	3.0	-	-	3.0	-
Recall Mode	-	MIN RECALL	-	-	MIN RECALL	-
Vehicle Call Memory	-	YELLOW	-	-	YELLOW	-
Dual Entry	-	-	ON	-	-	ON
Simultaneous Gap	ON	ON	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.

Signal Upgrade - Temporary Signal

	<p>US 401 (Fayetteville Road) at SR 2782 (Legend Road)/Citgo</p>	
	<p>Division 5 Wake County near Garner</p>	<p>Division 5 Wake County near Garner</p>
<p>PLAN DATE: December 2006</p>	<p>REVIEWED BY: I. O. Umozurike</p>	<p>PREPARED BY: Luhr</p>
<p>REVISIONS</p>	<p>INIT.</p>	<p>DATE</p>
<p>SCALE: 1"=60'</p>	<p>DATE: 1/23/07</p>	<p>SIG. INVENTORY NO. 05-1304 T</p>

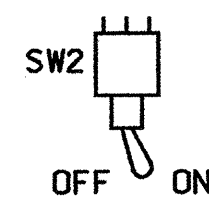
25-JAN-2007 08:12 s:\tts\signal\sig\p\cupas\p\proj\cts\w-4299\sig\1304\_sig\_cen\_2005xxxx.dgn



**EDI MODEL 2010ECL CONFLICT MONITOR**

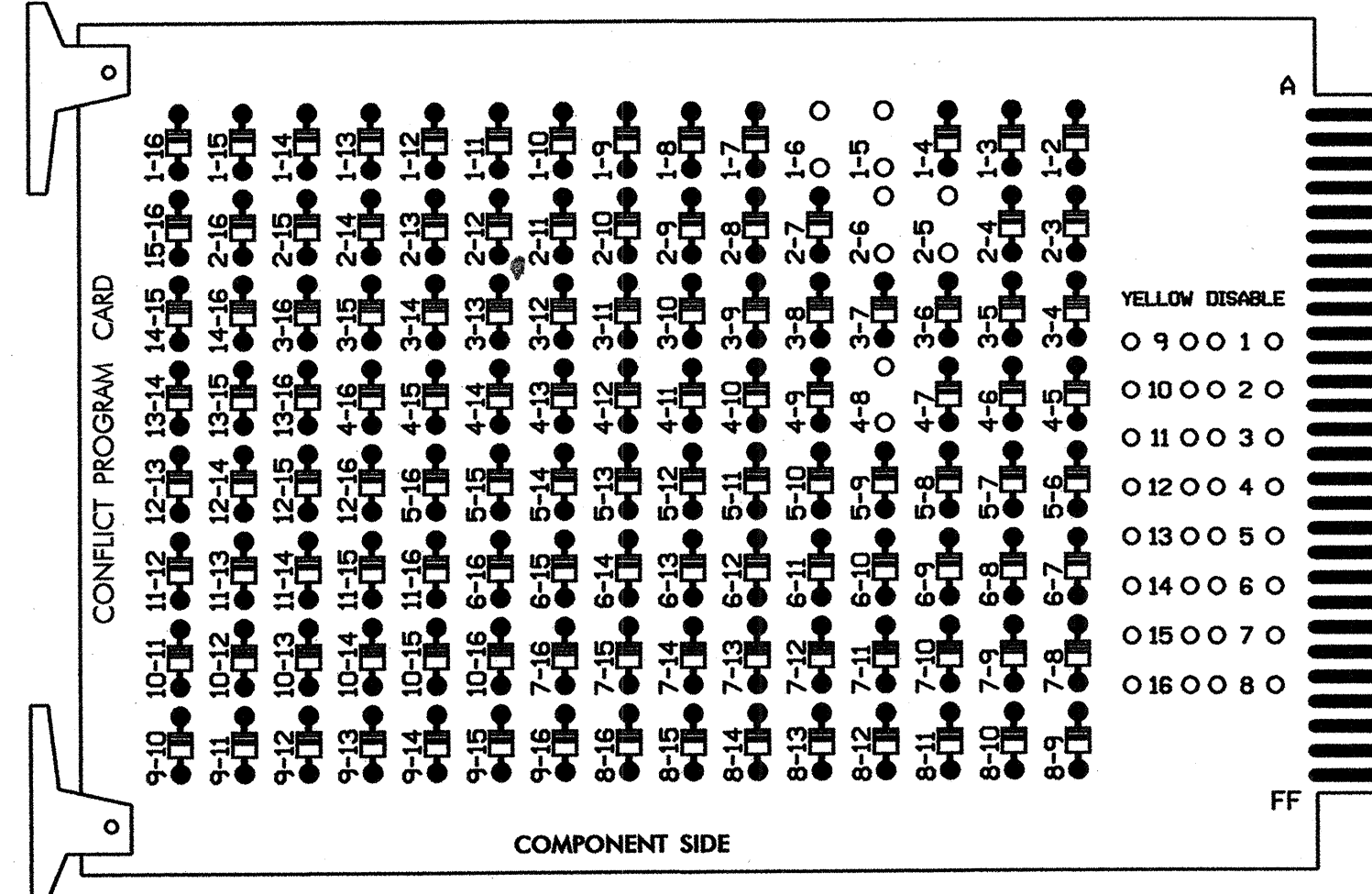
**PROGRAMMING DETAIL**

WD ENABLE



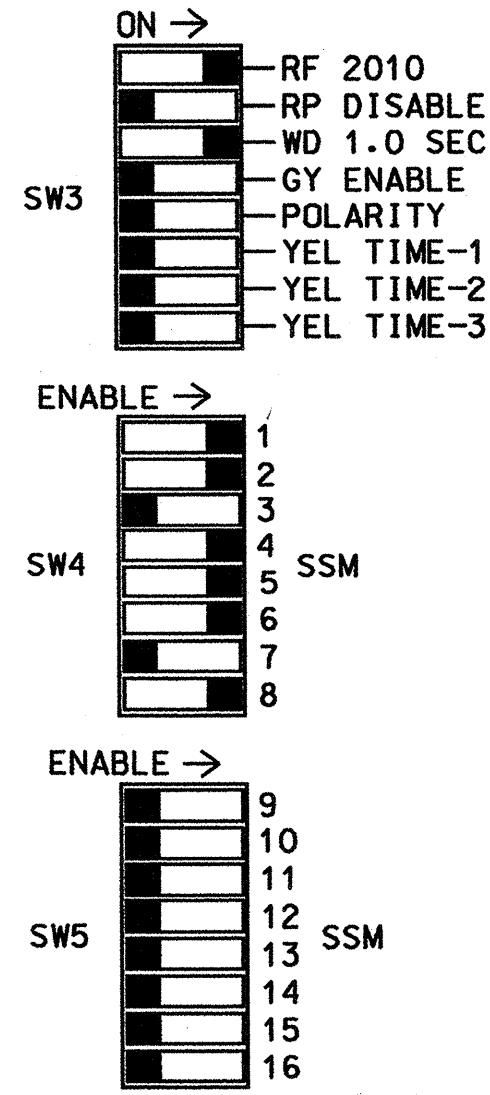
(remove jumpers and set switches as shown)

REMOVE DIODE JUMPERS 1-5, 1-6, 2-5, 2-6 AND 4-8.



REMOVE JUMPERS AS SHOWN

**OPTIONS**



■ = DENOTES POSITION OF SWITCH

**NOTES:**

1. Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
2. Make sure jumpers SEL1-SEL5 are present on the monitor board.

**NOTES**

1. To prevent "flash-conflict" problems, insert red flash program blocks for all unused vehicle load switches in the output file. The installer shall verify that signal heads flash in accordance with the Signal Plans.
2. Ensure that Red Enable is active at all times during normal operation. To prevent Red Failures on unused monitor channels, tie unused red monitor inputs 3,7, 9,10,11,12,13,14,15 & 16 to load switch AC+ per the cabinet manufacturer's instructions.
3. Program phases 2 and 6, on the controller unit, for Start Up In Green.
4. Enable Simultaneous Gap-Out, on the controller unit, for all phases.
5. Program phases 4 and 8, on the controller unit, for Dual Entry.
6. Program phases 2 and 6, on the controller unit, for Variable Initial and Gap Reduction.
7. The cabinet and controller are part of the US 401 Closed Loop System 1.

8. IF AN APPROVED EQUIVALENT OF THE TC-26B MICROWAVE DETECTOR IS USED, DISREGARD MICROWAVE DETECTOR WIRING DETAIL BELOW. INSTALL ACCORDING TO MANUFACTURER'S INSTRUCTIONS. SENSOR SHALL BE WIRED SUCH THAT INPUT INTERFACE TO THE CONTROLLER IS ACHIEVED THROUGH ISOLATION CIRCUITRY.

**SIGNAL HEAD HOOK-UP CHART**

LOAD SWITCH NO.	S1	S2	S2P	S3	S4	S4P	S5	S6	S6P	S7	S8	S8P
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	11	82	21,22	NU	41,42	NU	51	61,62	NU	81,82	NU	
RED			128		101			134			107	
YELLOW			129		102			135			108	
GREEN			130		103			136			109	
RED ARROW	125							131				
YELLOW ARROW	126	126						132				
GREEN ARROW	127	127						133				

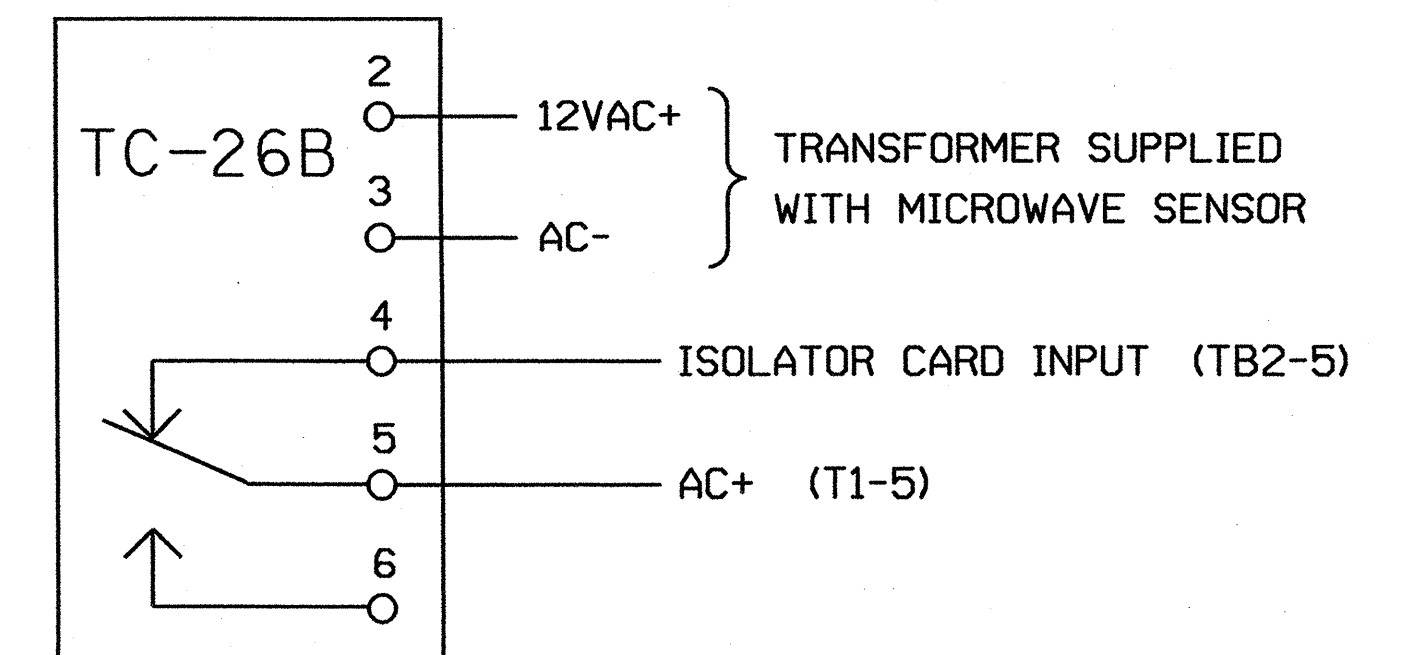
NU = Not Used

**EQUIPMENT INFORMATION**

CONTROLLER.....EXISTING 2070L  
 CABINET.....EXISTING 332  
 SOFTWARE.....ECONOLITE OASIS  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S1,S2,S4,S5,S6,S8  
 PHASES USED.....1,2,4,5,6,8  
 OVERLAPS.....NONE

**MICROWAVE DETECTOR WIRING DETAIL**

(wire as shown)



**NOTES:**

1. SENSOR IS A MICROWAVE SENSORS, INC. MODEL TC-26B MICROWAVE MOTION DETECTOR MOUNTED ON POLE AS INDICATED ON SIGNAL DESIGN PLANS. UNIT POWER SUPPLY IS 12VAC.
2. SENSOR IS SHOWN WITH NO VEHICLE CALL PRESENT. RELAY IS SHOWN WITH COIL ENERGIZED.
3. CONFIGURE AC ISOLATOR CARD TO PLACE CALL UPON REMOVAL OF AC+ FROM THE INPUT.
4. IMPORTANT: FOR PROPER OPERATION OF THE MICROWAVE DETECTOR, REMOVE SURGE PROTECTION FROM TB2-5 AND TB2-6. TIE TB2-6 TO AC NEUTRAL.

**INPUT FILE POSITION LAYOUT**

(front view)

FILE "I"	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	∅ 1	∅ 2	∅ 3	∅ 4	∅ 5	∅ 6	∅ 7	∅ 8	∅ 9	∅ 10	∅ 11	∅ 12	∅ 13	∅ 14
L	1A	2A	3A	4A	5A	6A	7A	8A	9A	10A	11A	12A	13A	14A
U	∅ 5	∅ 6/SYS	∅ 7	∅ 8	∅ 9	∅ 10	∅ 11	∅ 12	∅ 13	∅ 14	∅ 15	∅ 16	∅ 17	∅ 18
L	5A	6A,S1	7A	8A	9A	10A	11A	12A	13A	14A	15A	16A	17A	18A
U	∅ 1	∅ 2	∅ 3	∅ 4	∅ 5	∅ 6	∅ 7	∅ 8	∅ 9	∅ 10	∅ 11	∅ 12	∅ 13	∅ 14
L	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED

EX.: 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE  
 ST = STOP TIME

**INPUT FILE CONNECTION & PROGRAMMING CHART**

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT ASSIGNMENT NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND	FULL TIME DELAY	STRETCH TIME	DELAY TIME
1A	TB2-1,2	I1U	56	18	1	1	Y	Y			
*2A	TB2-5,6	I2U	39	1	2	2	Y	Y			
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			5
5A	TB3-1,2	J1U	55	17	5	5	Y	Y			
6A,S1	TB3-5,6	J2U	40	2	6	6/SYS	Y	Y			
6B,S2	TB3-7,8	J2L	44	6	16	6/SYS	Y	Y			
8A	TB5-9,10	J6U	42	4	8	8	Y	Y			3
1B	TB5-11,12	J6L	46	8	18	1	Y	Y			10
1C	TB7-1,2	J7U	66	28	38	1	Y	Y			10

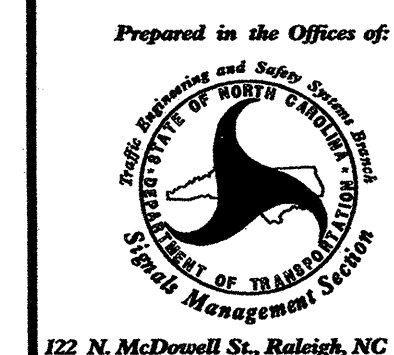
\*Microwave Detector. See wiring detail this page.

INPUT FILE POSITION LEGEND: J2L



**Signal Upgrade - Temporary Signal**

ELECTRICAL AND PROGRAMMING DETAILS FOR:



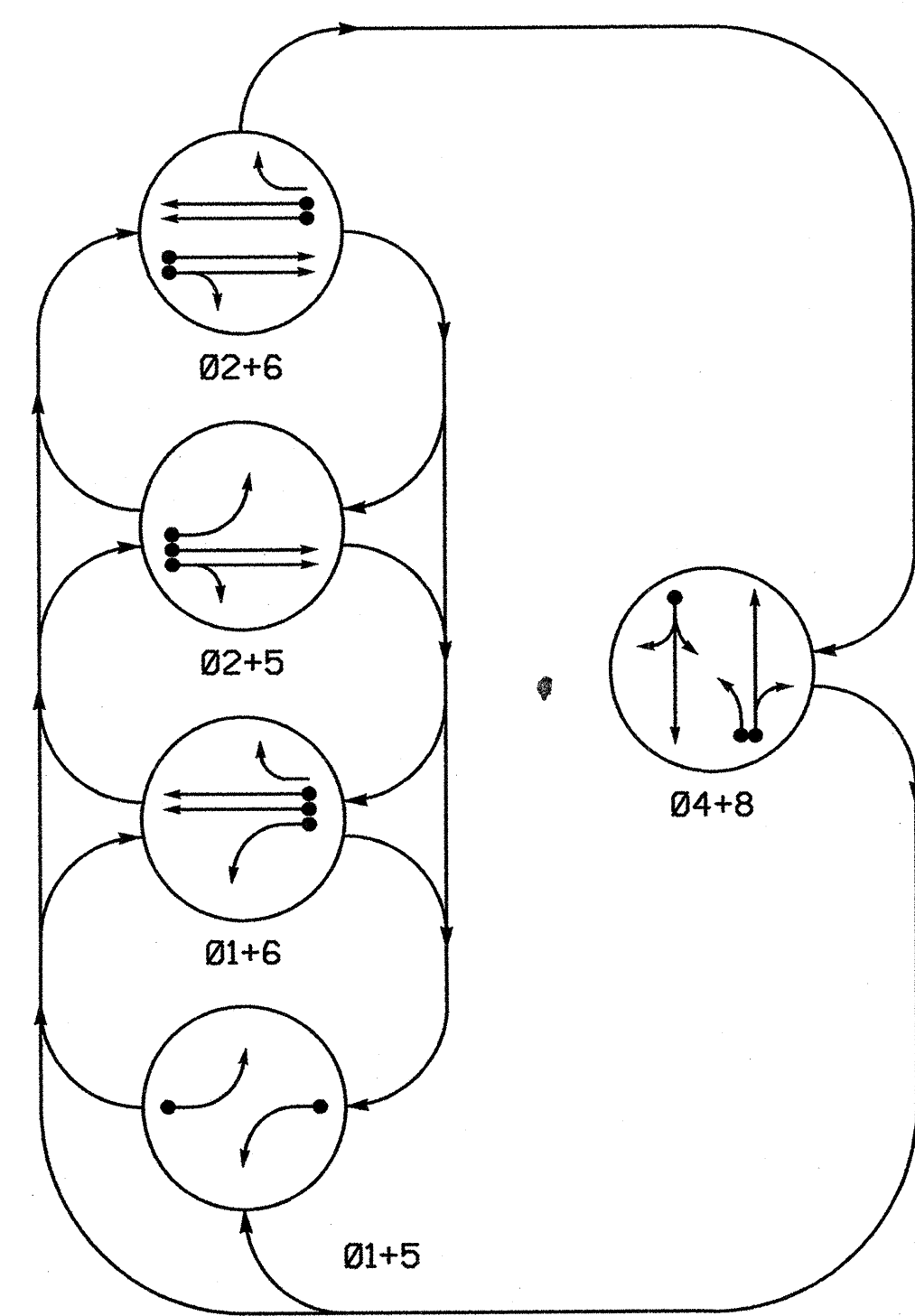
US 401 (Fayetteville Road)  
 at  
 SR 2782 (Legend Road)/Citgo

Division 5	Wake County	near Garner
PLAN DATE: January 2007	REVIEWED BY: JTB	
PREPARED BY: C. Strickland	REVIEWED BY:	
REVISIONS	INIT.	DATE

SEAL  
 NORTH CAROLINA  
 PROFESSIONAL ENGINEER  
 SEAL 022013  
 GEORGE C. BROWN

SIG. INVENTORY NO. 05-1304 T

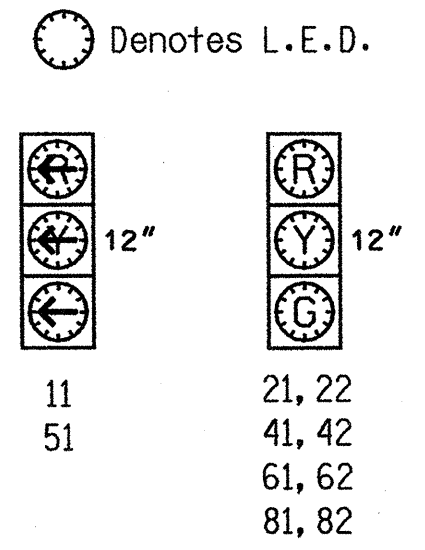
**PHASING DIAGRAM**



**TABLE OF OPERATION**

SIGNAL FACE	PHASE				
	01+5	01+6	02+5	02+6	04+8
11	←	←	←	←	←
21, 22	R	R	G	G	Y
41, 42	R	R	R	R	G
51	←	←	←	←	←
61, 62	R	G	R	G	Y
81, 82	R	R	R	R	G

**SIGNAL FACE I.D.**



**2070L LOOP & DETECTOR INSTALLATION**

LOOP	SIZE (FT)	TURNS	DISTANCE FROM STOPBAR (FT)	DETECTOR PROGRAMMING								
				NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
1A	6x60	0	EXISTING	-	1	Y	Y	-	-	-	-	-
2A	**	420	**	-	2	Y	Y	-	-	-	-	-
4A	6x15	0	EXISTING	-	4	Y	Y	-	-	5	-	-
5A	6x60	0	EXISTING	-	5	Y	Y	-	-	-	-	-
6A/S1	6x6	420	EXISTING	-	6	Y	Y	-	-	-	Y	-
6B/S2	6x6	420	EXISTING	-	6	Y	Y	-	-	-	Y	-
8A	6x60	0	EXISTING	-	8	Y	Y	-	-	3	-	-
8B	6x60	0	EXISTING	-	8	Y	Y	-	-	10	-	-
8C	6x15	0	EXISTING	-	8	Y	Y	-	-	15	-	-

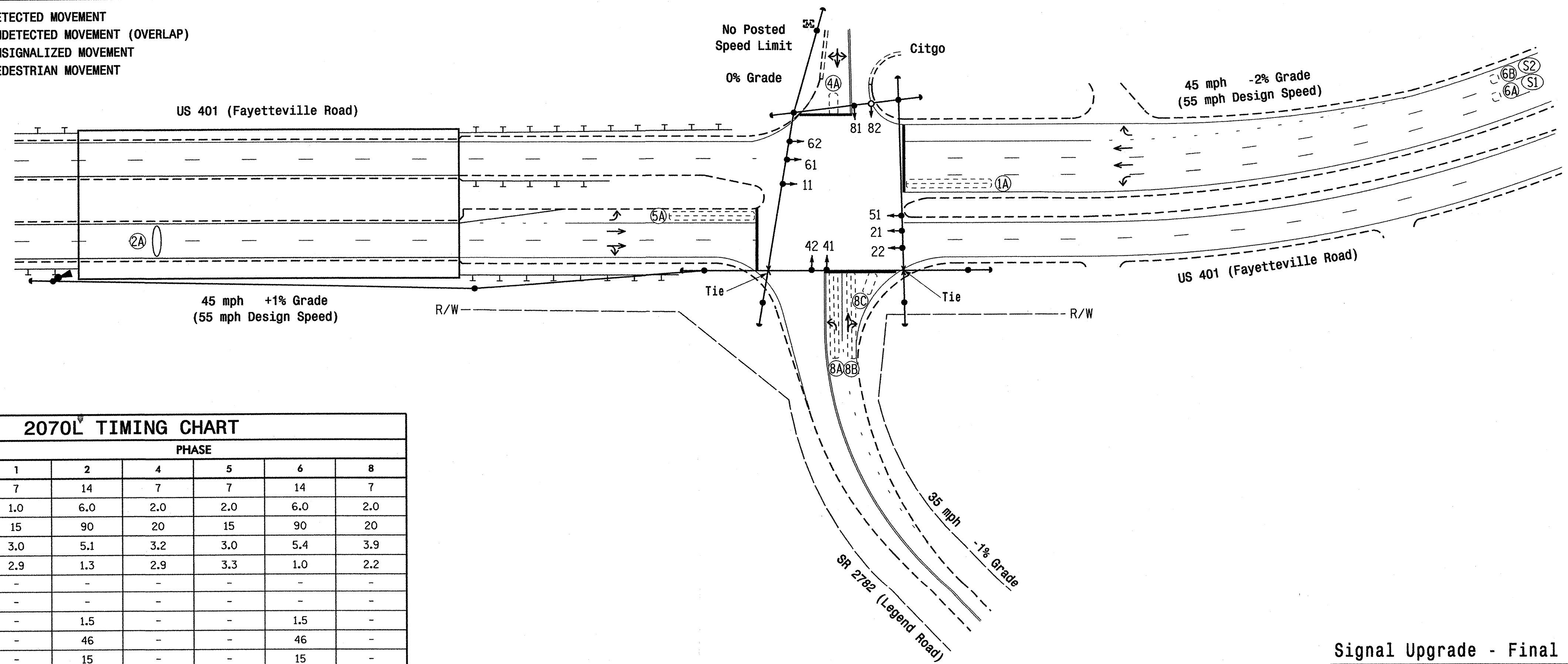
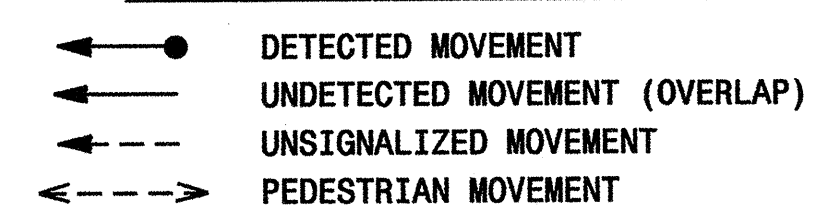
\*\* Microwave Detection Zone

**5 Phase Fully Actuated (US 401 Closed Loop System 1)**

**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.
- Phase 1 or phase 5 may be lagged.
- Set all detector units to presence mode.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- Remove signs (A), (B) and (C) from temporary design (05-1304T).
- Closed loop system data: Master Asset #10508, Controller Asset #1304.

**PHASING DIAGRAM DETECTION LEGEND**

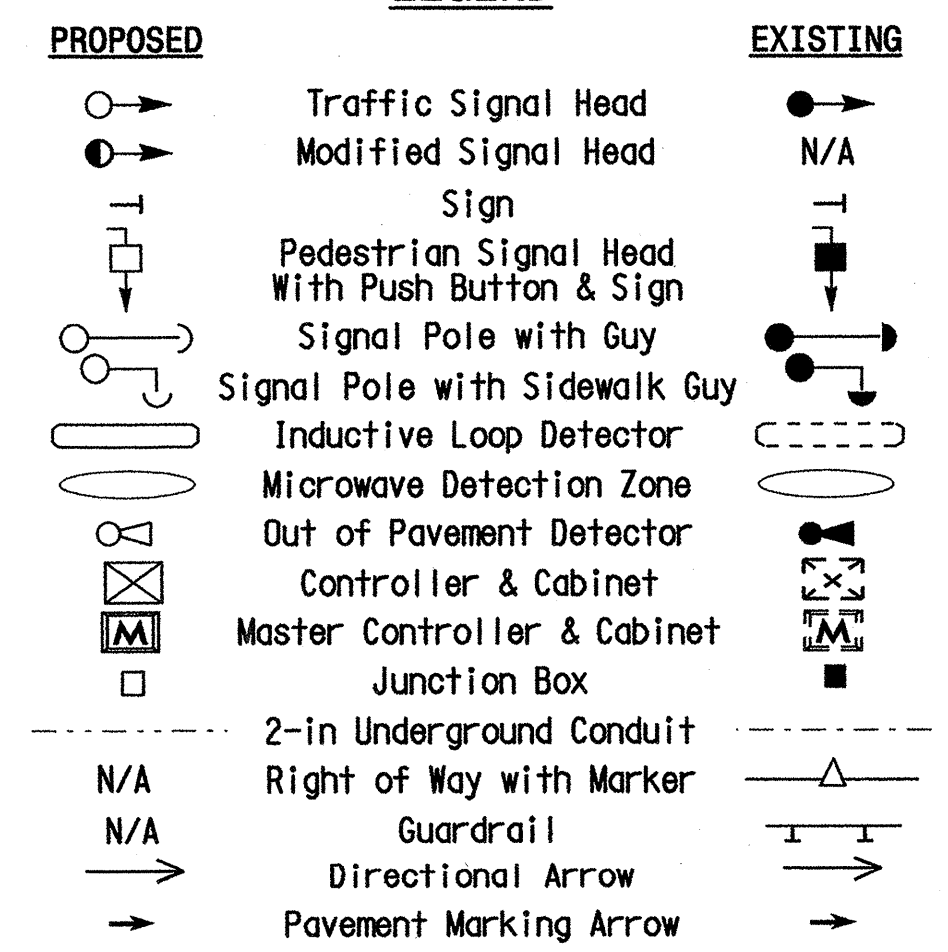


**2070L TIMING CHART**

FEATURE	PHASE					
	1	2	4	5	6	8
Min Green 1*	7	14	7	7	14	7
Extension 1*	1.0	6.0	2.0	2.0	6.0	2.0
Max Green 1*	15	90	20	15	90	20
Yellow Clearance	3.0	5.1	3.2	3.0	5.4	3.9
Red Clearance	2.9	1.3	2.9	3.3	1.0	2.2
Walk 1*	-	-	-	-	-	-
Don't Walk 1	-	-	-	-	-	-
Seconds Per Actuation*	-	1.5	-	-	1.5	-
Max Variable Initial*	-	46	-	-	46	-
Time Before Reduction*	-	15	-	-	15	-
Time To Reduction*	-	30	-	-	30	-
Minimum Gap	-	3.0	-	-	3.0	-
Recall Mode	-	MIN RECALL	-	-	MIN RECALL	-
Vehicle Call Memory	-	YELLOW	-	-	YELLOW	-
Dual Entry	-	-	ON	-	-	ON
Simultaneous Gap	ON	ON	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**



**Signal Upgrade - Final Signal**

**US 401 (Fayetteville Road) at SR 2782 (Legend Road)/Citgo**

Division 5 Wake County near Garner

PLAN DATE: December 2006 REVIEWED BY: I. O. Umozurike

PREPARED BY: Luhn REVIEWED BY:

SCALE 1"=50'

REVISIONS	INIT.	DATE

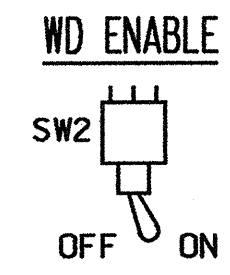
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SIG. INVENTORY NO. 05-1304

26-JAN-2007 09:13 5:41 PM signal\work\proj\2070L\sig\2070L\_sig\_05-1304.dgn

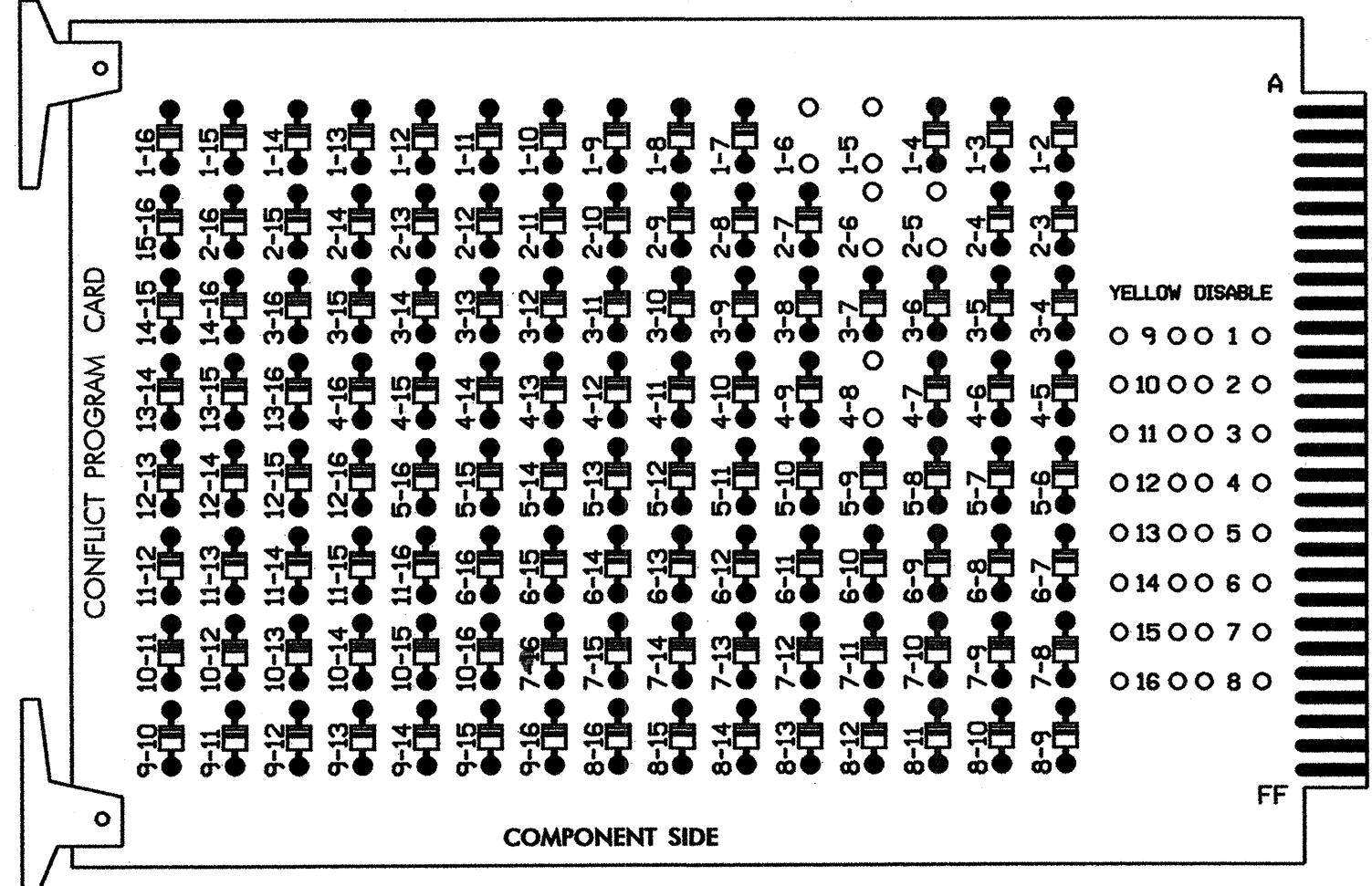


**EDI MODEL 2010ECL CONFLICT MONITOR**

**PROGRAMMING DETAIL**



(remove jumpers and set switches as shown)  
REMOVE DIODE JUMPERS 1-5, 1-6, 2-5, 2-6 AND 4-8.

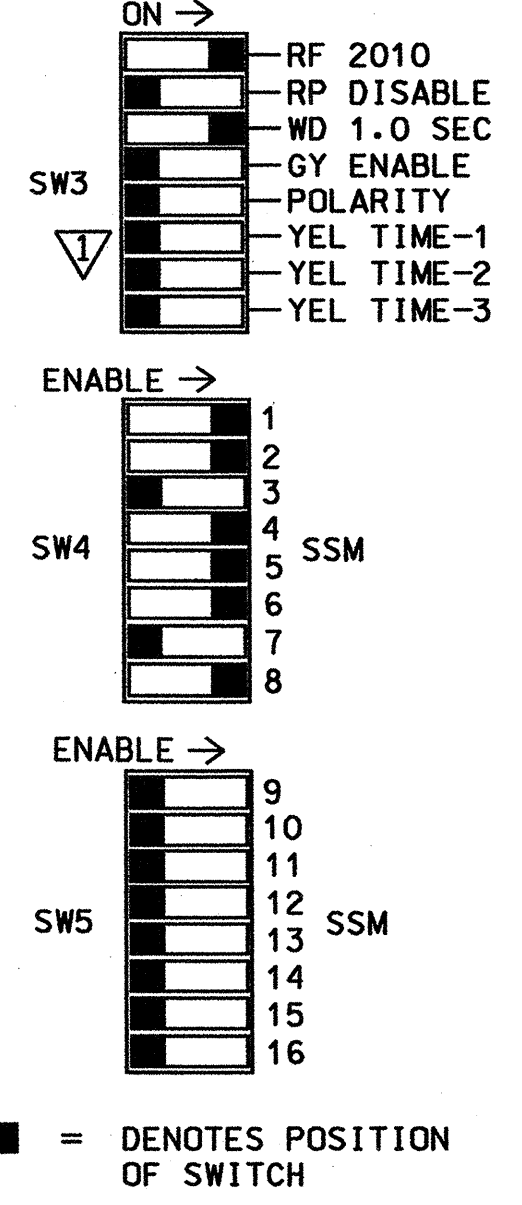


REMOVE JUMPERS AS SHOWN

**NOTES:**

- Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
- Make sure jumpers SEL1-SEL5 are present on the monitor board.

**OPTIONS**



■ = DENOTES POSITION OF SWITCH

**NOTES**

- To prevent "flash-conflict" problems, insert red flash program blocks for all unused vehicle load switches in the output file. The installer shall verify that signal heads flash in accordance with the Signal Plans.
- Ensure that Red Enable is active at all times during normal operation. To prevent Red Failures on unused monitor channels, tie unused red monitor inputs 3,7, 9,10,11,12,13,14,15 & 16 to load switch AC+ per the cabinet manufacturer's instructions.
- Program phases 2 and 6, on the controller unit, for Start Up In Green.
- Enable Simultaneous Gap-Out, on the controller unit, for all phases.
- Program phases 4 and 8, on the controller unit, for Dual Entry.
- Program phases 2 and 6, on the controller unit, for Variable Initial and Gap Reduction.
- The cabinet and controller are part of the US 401 Closed Loop System 1.

8. IF AN APPROVED EQUIVALENT OF THE TC-26B MICROWAVE DETECTOR IS USED, DISREGARD MICROWAVE DETECTOR WIRING DETAIL BELOW. INSTALL ACCORDING TO MANUFACTURER'S INSTRUCTIONS. SENSOR SHALL BE WIRED SUCH THAT INPUT INTERFACE TO THE CONTROLLER IS ACHIEVED THROUGH ISOLATION CIRCUITRY.

**SIGNAL HEAD HOOK-UP CHART**

LOAD SWITCH NO.	S1	S2	S2P	S3	S4	S4P	S5	S6	S6P	S7	S8	S8P
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	11	21,22	NU	NU	41,42	NU	51	61,62	NU	NU	81,82	NU
RED		128			101			134			107	
YELLOW		129			102			135			108	
GREEN		130			103			136			109	
RED ARROW	125							131				
YELLOW ARROW	126							132				
GREEN ARROW	127							133				

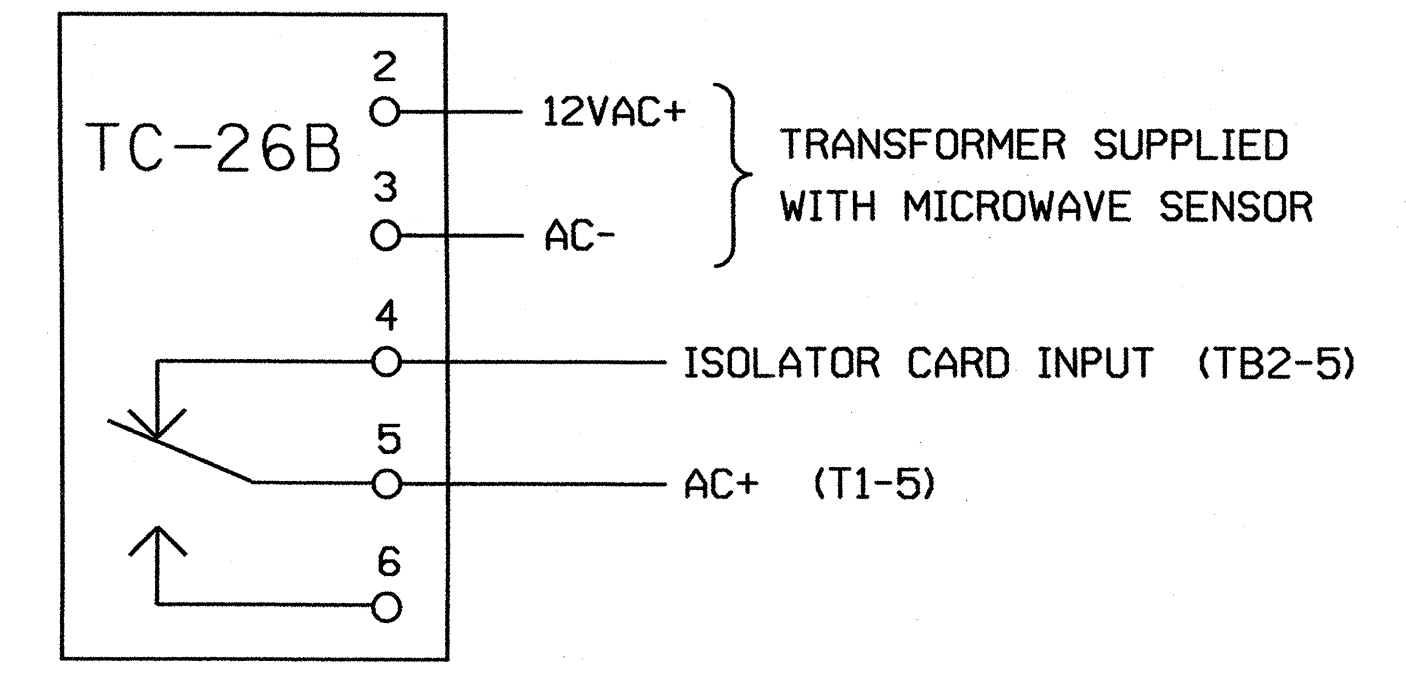
NU = Not Used

**EQUIPMENT INFORMATION**

CONTROLLER.....EXISTING 2070L  
 CABINET.....EXISTING 332  
 SOFTWARE.....ECONOLITE OASIS  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S1,S2,S4,S5,S6,S8  
 PHASES USED.....1,2,4,5,6,8  
 OVERLAPS.....NONE

**MICROWAVE DETECTOR WIRING DETAIL**

(wire as shown)



**NOTES:**

- SENSOR IS A MICROWAVE SENSORS, INC. MODEL TC-26B MICROWAVE MOTION DETECTOR MOUNTED ON POLE AS INDICATED ON SIGNAL DESIGN PLANS. UNIT POWER SUPPLY IS 12VAC.
- SENSOR IS SHOWN WITH NO VEHICLE CALL PRESENT. RELAY IS SHOWN WITH COIL ENERGIZED.
- CONFIGURE AC ISOLATOR CARD TO PLACE CALL UPON REMOVAL OF AC+ FROM THE INPUT.
- IMPORTANT: FOR PROPER OPERATION OF THE MICROWAVE DETECTOR, REMOVE SURGE PROTECTION FROM TB2-5 AND TB2-6. TIE TB2-6 TO AC NEUTRAL.

**INPUT FILE POSITION LAYOUT**

(front view)

FILE "I"	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	∅ 1	∅ 2	∅ 3	∅ 4	∅ 5	∅ 6	∅ 7	∅ 8	∅ 9	∅ 10	∅ 11	∅ 12	∅ 13	∅ 14
L	1A	2A	3A	4A	5A	6A	7A	8A	9A	10A	11A	12A	13A	14A
U	∅ 5	∅ 6/SYS	∅ 7	∅ 8	∅ 9	∅ 10	∅ 11	∅ 12	∅ 13	∅ 14	∅ 15	∅ 16	∅ 17	∅ 18
L	5A	6A,S1	7A	8A	9A	10A	11A	12A	13A	14A	15A	16A	17A	18A
	NOT USED	∅ 6/SYS	∅ 7	∅ 8	∅ 9	∅ 10	∅ 11	∅ 12	∅ 13	∅ 14	∅ 15	∅ 16	∅ 17	∅ 18
		6B,S2		8B										

EX.: 1A, 2A, ETC. = LOOP NO.'S

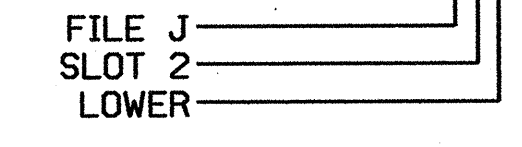
FS = FLASH SENSE  
ST = STOP TIME

**INPUT FILE CONNECTION & PROGRAMMING CHART**

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT ASSIGNMENT NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND	FULL TIME DELAY	STRETCH TIME	DELAY TIME
1A	TB2-1,2	I1U	56	18	1	1	Y	Y			
*2A	TB2-5,6	I2U	39	1	2	2	Y	Y			
4A	TB4-9,10	I8U	41	3	4	4	Y	Y			5
5A	TB3-1,2	J1U	55	17	5	5	Y	Y			
6A,S1	TB3-5,6	J2U	40	2	6	6/SYS	Y	Y			
6B,S2	TB3-7,8	J2L	44	6	16	6/SYS	Y	Y			
8A	TB5-9,10	J6U	42	4	8	8	Y	Y			3
8B	TB5-11,12	J6L	46	8	18	8	Y	Y			10
8C	TB7-1,2	J7U	66	28	38	8	Y	Y			15

\*Microwave Detector. See wiring detail this page.

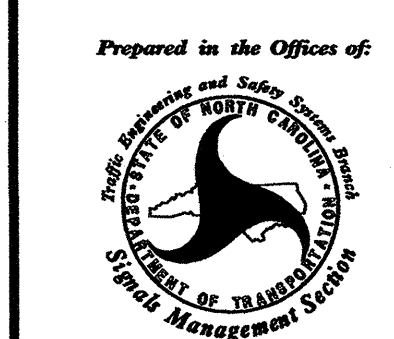
INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 05-1304  
 DESIGNED: December 2006  
 SEALED: 01/23/07  
 REVISED: N/A

**Signal Upgrade - Final Design**

ELECTRICAL AND PROGRAMMING DETAILS FOR:

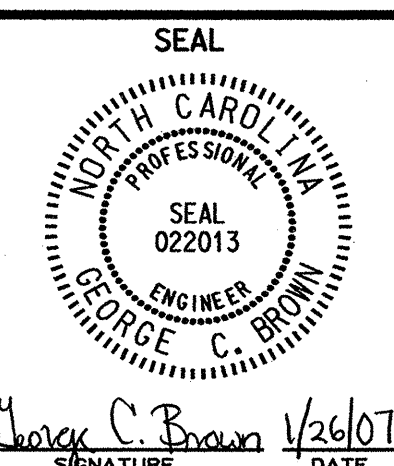


US 401 (Fayetteville Road) at SR 2782 (Legend Road)/Citgo

Division 5 Wake County near Garner  
 PLAN DATE: March 2003 REVIEWED BY: T. Joyce

PREPARED BY: James Peterson REVIEWED BY:

REVISIONS INIT. DATE  
 Added loop 8C, modified Sequence Monitor, DIP, and Jsh. seffings: CES JTB 1/26/07



SIG. INVENTORY NO. 05-1304