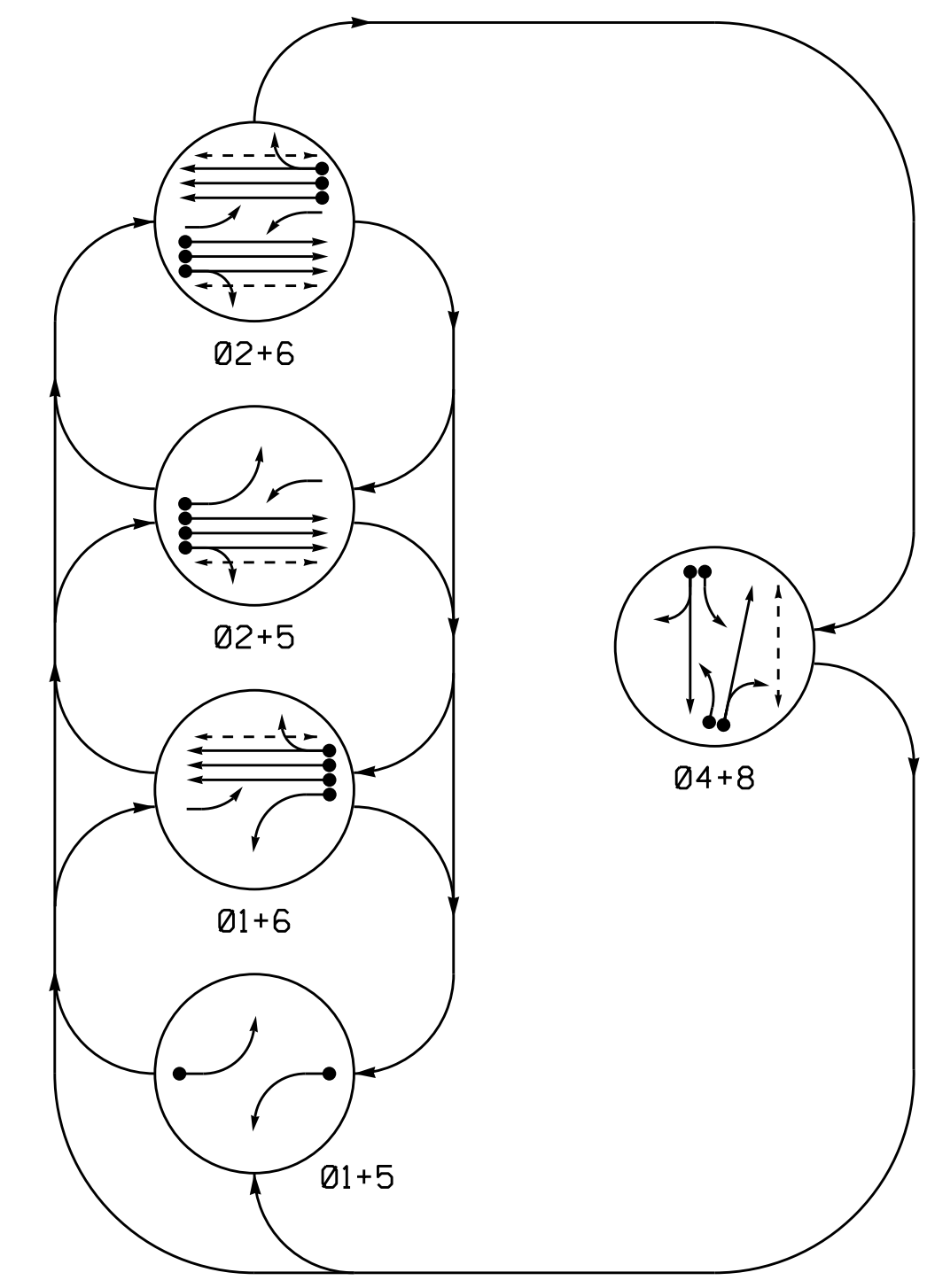


**This electronic collection of documents is provided
for the convenience of the user
and is Not a Certified Document –**

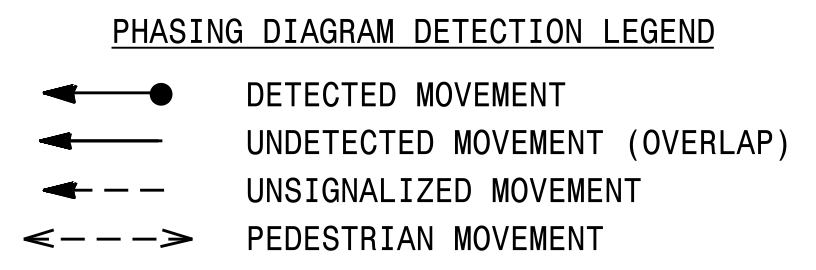
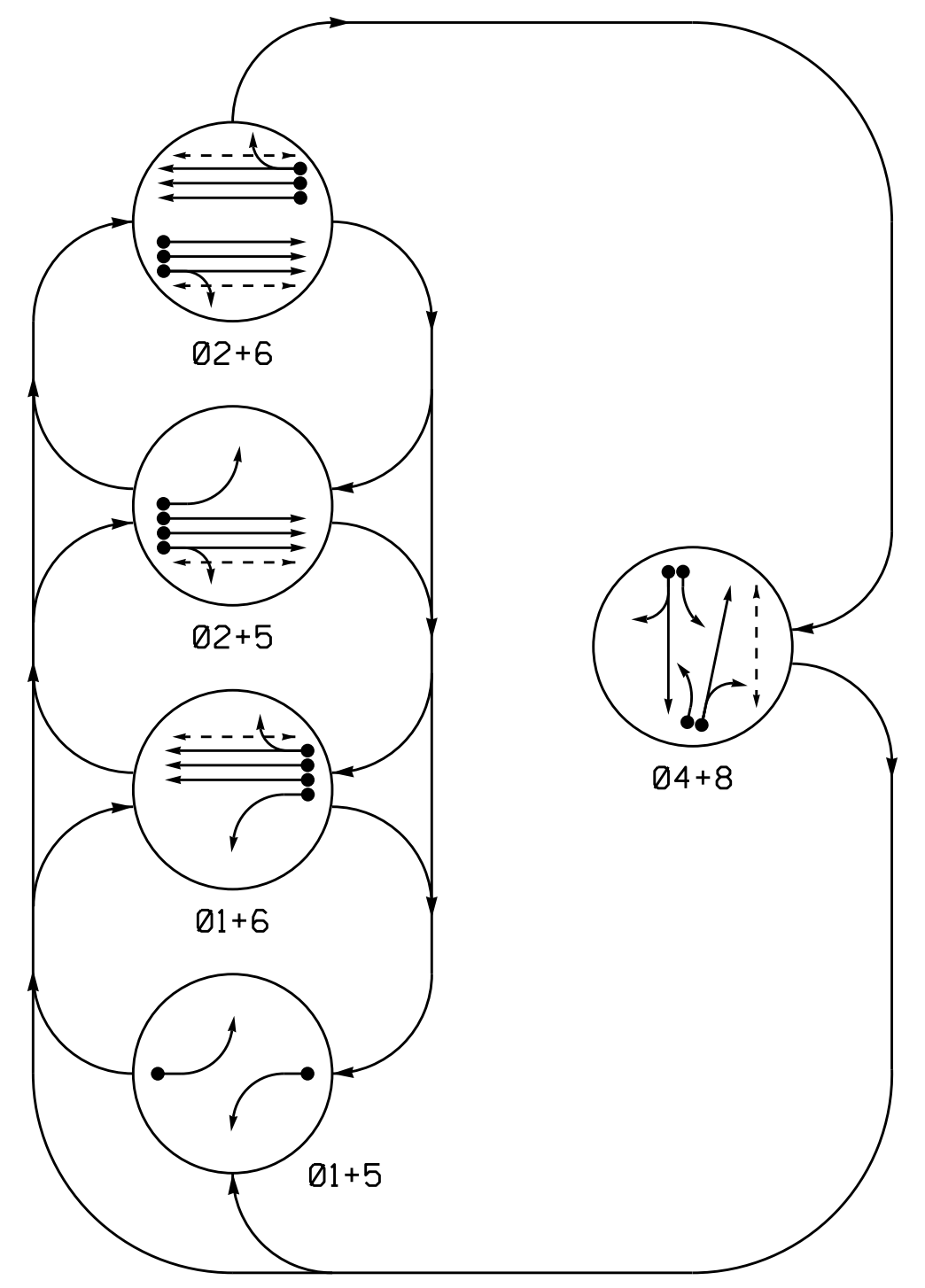
**The documents contained herein were originally issued
and sealed by the individuals whose names and license
numbers appear on each page, on the dates appearing
with their signature on that page.**

**This file or an individual page
shall not be considered a certified document.**

DEFAULT PHASING DIAGRAM



ALTERNATE PHASING DIAGRAM



DEFAULT PHASING TABLE OF OPERATION

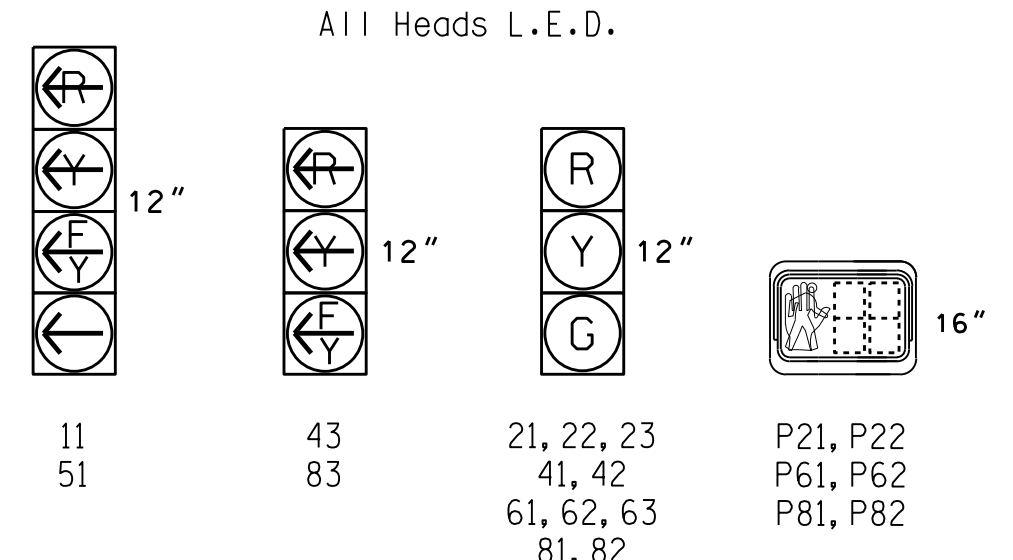
SIGNAL FACE	PHASE					
	01+5	01+6	02+5	02+6	04+8	FLASH
11	---	---	F	F	R	Y
21, 22, 23	R	R	G	G	R	Y
41, 42	R	R	R	R	G	R
43	-R	-R	-R	-R	F	-R
51	---	F	---	F	-R	Y
61, 62, 63	R	G	R	G	R	Y
81, 82	R	R	R	R	G	R
83	-R	-R	-R	-R	F	-R
P21, P22	DW	DW	W	W	DW	DRK
P61, P62	DW	W	DW	W	DW	DRK
P81, P82	DW	DW	DW	DW	W	DRK

W - Walk
DW - Don't Walk
DRK - Dark

ALTERNATE PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE					
	01+5	01+6	02+5	02+6	04+8	FLASH
11	---	---	R	R	R	Y
21, 22, 23	R	R	G	G	R	Y
41, 42	R	R	R	R	G	R
43	-R	-R	-R	-R	F	-R
51	---	-R	---	-R	-R	Y
61, 62, 63	R	G	R	G	R	Y
81, 82	R	R	R	R	G	R
83	-R	-R	-R	-R	F	-R
P21, P22	DW	DW	W	W	DW	DRK
P61, P62	DW	W	DW	W	DW	DRK
P81, P82	DW	DW	DW	DW	W	DRK

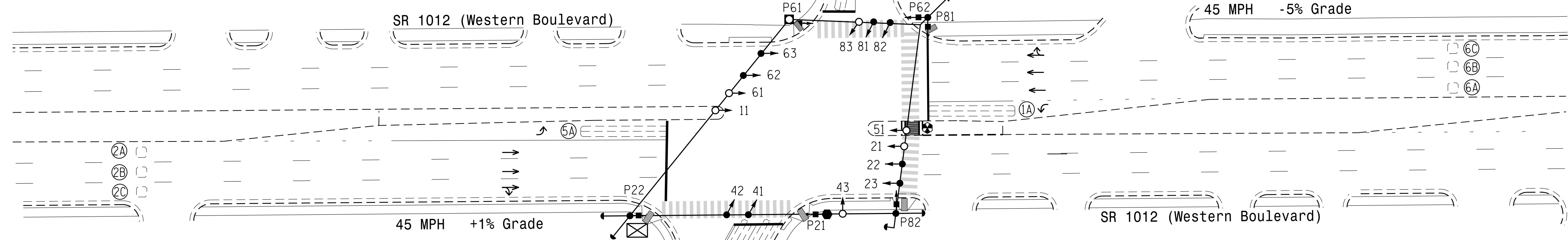
SIGNAL FACE I.D.



5 Phase Fully Actuated (Raleigh Signal System)

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Phase 1 and/or phase 5 may be lagged.
- Reposition existing signal heads numbered 22, 23, 62, and 63.
- Set all detector units to presence mode.
- 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.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.
- Program pedestrian heads to countdown the flashing "Don't Walk" time only.
- Pavement markings are existing unless otherwise noted.
- Restripe existing high visibility crosswalks.
- The Division (City) Traffic Engineer will determine the hours of use for each phasing plan.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.



SE-PAC 2070 TIMING CHART

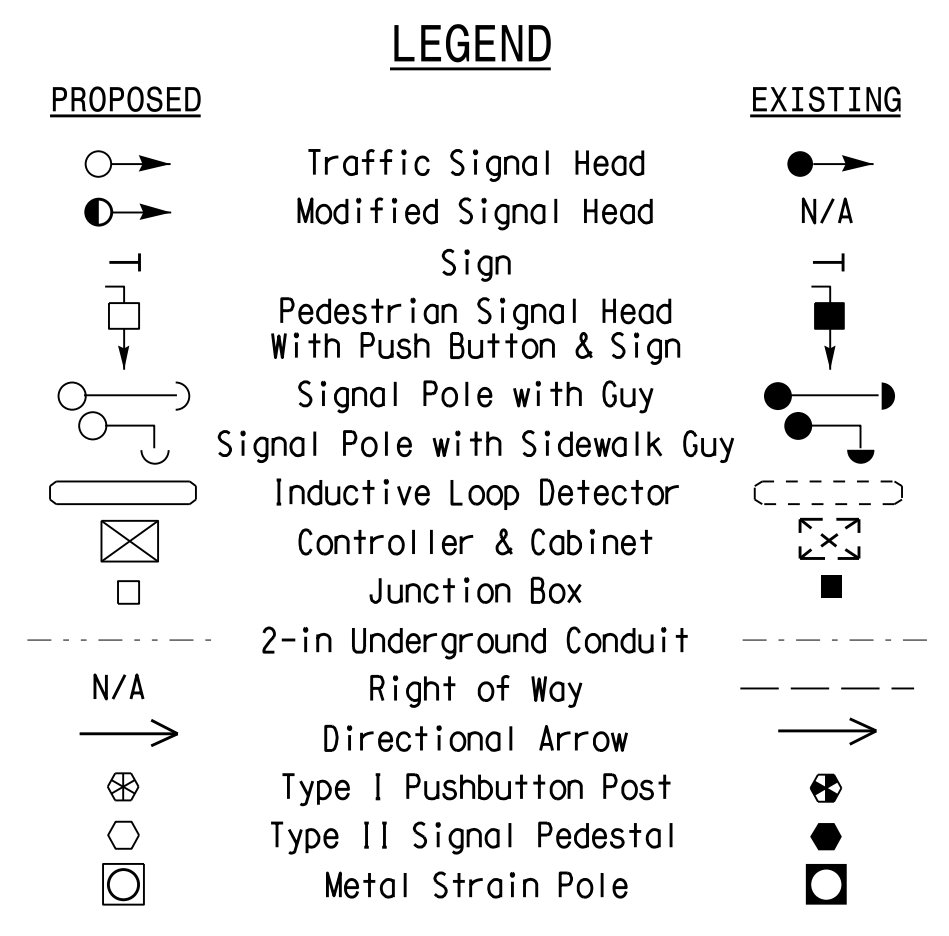
FEATURE	PHASE					
	1	2	4	5	6	8
Min Green *	7	12	7	7	12	7
Passage Gap *	2.0	6.0	1.0	2.0	6.0	1.0
Maximum Green *	20	75	20	20	75	20
Yellow Change	3.1	5.0	3.2	3.0	5.0	3.2
Red Clear	3.7	2.5	3.5	3.9	2.5	3.5
Walk *	-	4	-	-	4	4
Pedestrian Clear	-	20	-	-	14	25
Added Initial *	-	1.5	-	-	1.5	-
Maximum Initial *	-	34	-	-	34	-
Time Before Reduction *	-	15	-	-	15	-
Time To Reduce *	-	30	-	-	30	-
Minimum Gap	-	3.0	-	-	3.0	-
Recall Mode	-	MIN RECALL	-	-	MIN RECALL	-
Vehicle Call Memory	NON-LOCK	LOCK	NON-LOCK	NON-LOCK	LOCK	NON-LOCK
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.

LOOP & DETECTOR UNIT INSTALLATION CHART

LOOP NO.	SIZE (ft)	TURNS	DIST. FROM STOPBAR (ft)	NEW	EXISTING	ASSIGNED PHASE	DETECTOR PROGRAMMING										STATUS		
							TIMING		OPERATION MODE							SYSTEM	LOOPS	NEW	EXISTING
							DELAY	EXTEND (STRETCH)	VEHICLE	PEDESTRIAN	T CALL	STOP A	STOP B	PROTECTOR	PROTECTOR THROUGH				
1A	6X50	2-4-2	0	-	X	1	5 SEC.	- SEC.	X	-	-	-	-	-	-	-	-	X	-
2A	6X6	4	300	-	X	2	- SEC.	- SEC.	X	-	-	-	-	-	-	-	-	X	-
2B	6X6	4	300	-	X	2	- SEC.	- SEC.	X	-	-	-	-	-	-	-	-	X	-
2C	6X6	4	300	-	X	2	- SEC.	- SEC.	X	-	-	-	-	-	-	-	-	X	-
4A	6X60	2-4-2	0	-	X	4	3 SEC.	- SEC.	X	-	-	-	-	-	-	-	-	X	-
4B	6X60	2-4-2	0	-	X	4	10 SEC.	- SEC.	X	-	-	-	-	-	-	-	-	X	-
5A	6X50	2-4-2	0	-	X	5	5 SEC.	- SEC.	X	-	-	-	-	-	-	-	-	X	-
6A	6X6	6	300	-	X	6	- SEC.	- SEC.	X	-	-	-	-	-	-	-	-	X	-
6B	6X6	6	300	-	X	6	- SEC.	- SEC.	X	-	-	-	-	-	-	-	-	X	-
6C	6X6	6	300	-	X	6	- SEC.	- SEC.	X	-	-	-	-	-	-	-	-	X	-
8A	6X60	2-4-2	0	-	X	8	3 SEC.	- SEC.	X	-	-	-	-	-	-	-	-	X	-
8B	6X60	2-4-2	0	-	X	8	10 SEC.	- SEC.	X	-	-	-	-	-	-	-	-	X	-

This plan supersedes the plan signed and sealed on 5/30/17.



Signal Upgrade

Prepared in the Offices of:

 TRANSPORTATION MOBILITY AND SAFETY SOLUTIONS, INC.
 SIGNAL DESIGN SECTION
 750 N. Greenfield Pkwy, Garner, NC 27529

SR 1012 (Western Boulevard) at Clanton Street/Whitmore Drive
 Division 5 Wake County Raleigh

PLAN DATE: May 2017 REVIEWED BY:
 PREPARED BY: R. J. Ziemba REVIEWED BY:

REVISIONS INIT. DATE

SCALE 0 40
 1" = 40'

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

 ROBERT J. ZIEMBA
 ENGINEER
 STATE OF NORTH CAROLINA
 License No. 026486

DocuSigned by:

 2/20/2018
 DATE

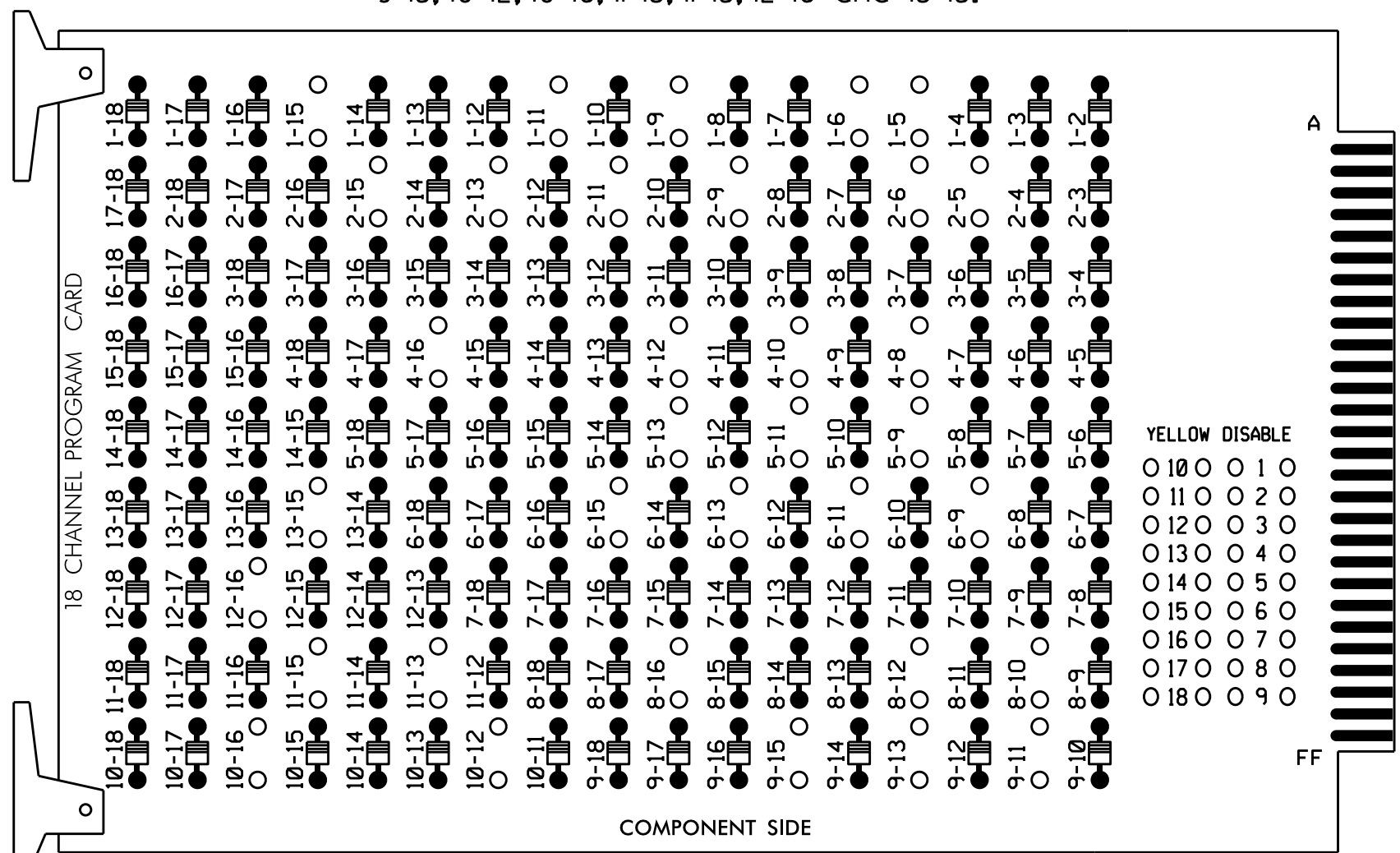
SIG. INVENTORY NO. 05-2127

20-FEB-2018 11:48
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EDI MODEL 2018ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)

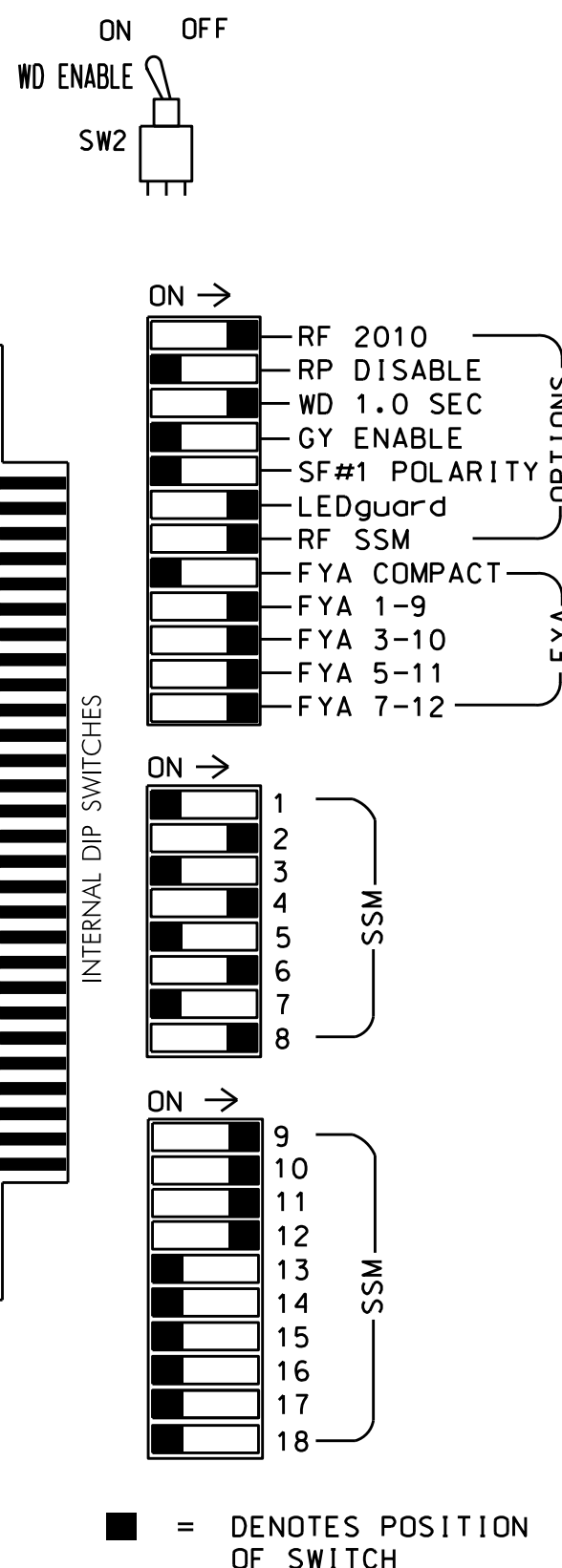
REMOVE DIODE JUMPERS 1-5, 1-6, 1-9, 1-11, 1-15, 2-5, 2-6, 2-9, 2-11, 2-13, 2-15, 4-8, 4-10, 4-12, 4-16, 5-9, 5-11, 5-13, 6-9, 6-11, 6-13, 6-15, 8-10, 8-12, 8-16, 9-11, 9-13, 9-15, 10-12, 10-16, 11-13, 11-15, 12-16 and 13-15.



REMOVE JUMPERS AS SHOWN

NOTES:

- Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
- Ensure jumpers SEL2-SEL5 and SEL9 are present on the monitor board.
- Ensure that Red Enable is active at all times during normal operation.
- Connect serial cable from conflict monitor to comm. port 1 of 2070 controller. Ensure conflict monitor communicates with 2070.



■ = 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.
- Program controller to start up in phases 2 and 6 green.
- Enable simultaneous gap-out feature, on controller unit, for all phases.
- Program phases 4 and 8, on controller unit, for dual entry.
- Program phases 2 and 6, on controller unit, for volume density operation.
- The cabinet and controller are part of the Raleigh City Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070
 CABINET.....332 W/ AUX
 SOFTWARE.....SE-PAC2070
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...18 WITH AUX FILE
 LOAD SWITCHES USED.....S1,S2,S3,S5,S7,S8,S9,S11,S12,
 AUX S1,AUX S2,AUX S4,AUX S5
 PHASES USED.....1,2,4,5,6,8,2 PED,6 PED,8 PED
 OVERLAP A.....*
 OVERLAP B.....*
 OVERLAP C.....*
 OVERLAP D.....*
 * SEE SHEET 2 FOR OVERLAP PROGRAMMING

SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	AUX S1	AUX S2	AUX S3	AUX S4	AUX S5	AUX S6
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16	9	10	17	11	12	18
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED	OLA	OLB	SPARE	OLC	OLD	SPARE
SIGNAL HEAD NO.	11	21,22 23	P21, P22	NU	41,42	NU	51	61,62 63	P61, P62	NU	81,82	P81, P82	11	83	NU	51	43	NU
RED		128			101			134			107							
YELLOW	*	129			102		*	135			108							
GREEN		130			103			136			109							
RED ARROW													A121	A124		A114	A101	
YELLOW ARROW													A122	A125		A115	A102	
FLASHING YELLOW ARROW													A123	A126		A116	A103	
GREEN ARROW	127						133											
Hand									119			110						
Person																		

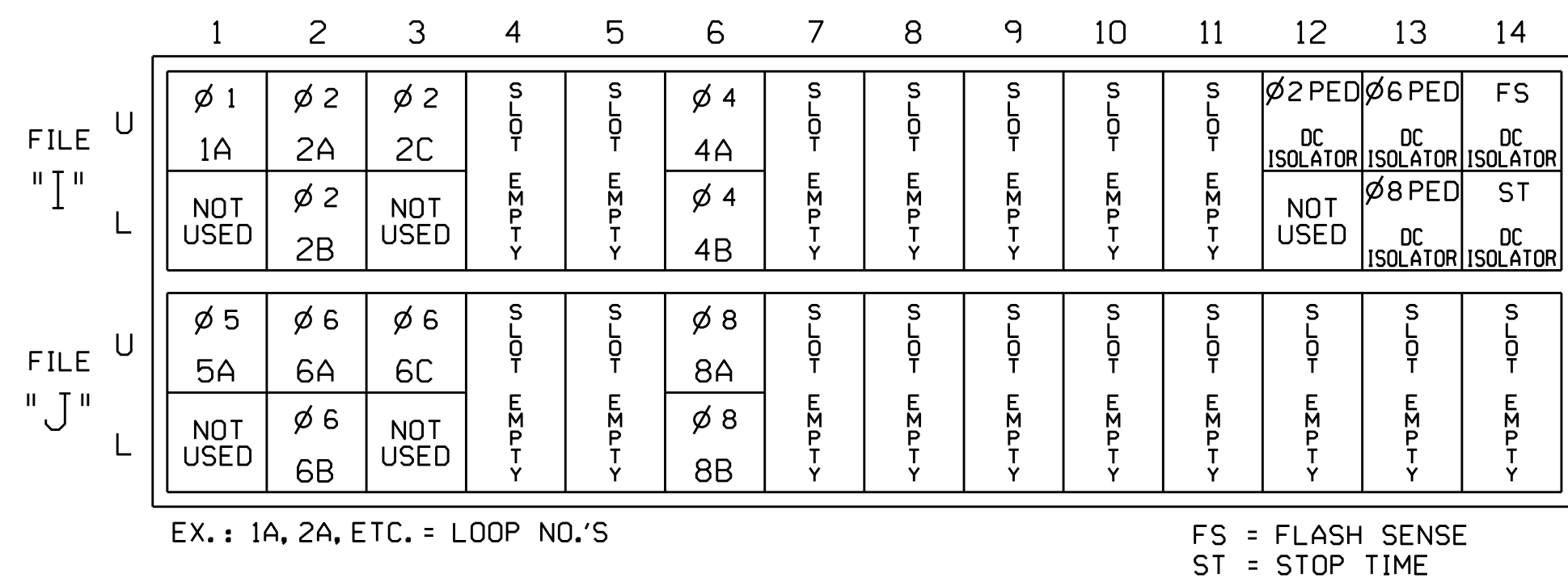
NU = Not Used

* Denotes install load resistor. See load resistor installation detail this sheet.

* See pictorial of head wiring in detail below.

INPUT FILE POSITION LAYOUT

(front view)

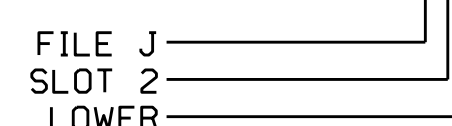


INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE	DELAY TIME	EXTEND (STRETCH) TIME
1A	TB2-1,2	I1U	56	1	1	5	
2A	TB2-5,6	I2U	39	3	2		
2B	TB2-7,8	I2L	43	4	2		
2C	TB2-9,10	I3U	63	5	2		
4A	TB4-9,10	I6U	41	11	4	3	
4B	TB4-11,12	I6L	45	12	4	10	
5A	TB3-1,2	J1U	55	19	5	5	
6A	TB3-5,6	J2U	40	21	6		
6B	TB3-7,8	J2L	44	22	6		
6C	TB3-9,10	J3U	64	23	6		
8A	TB5-9,10	J6U	42	31	8	3	
8B	TB5-11,12	J6L	46	32	8	10	

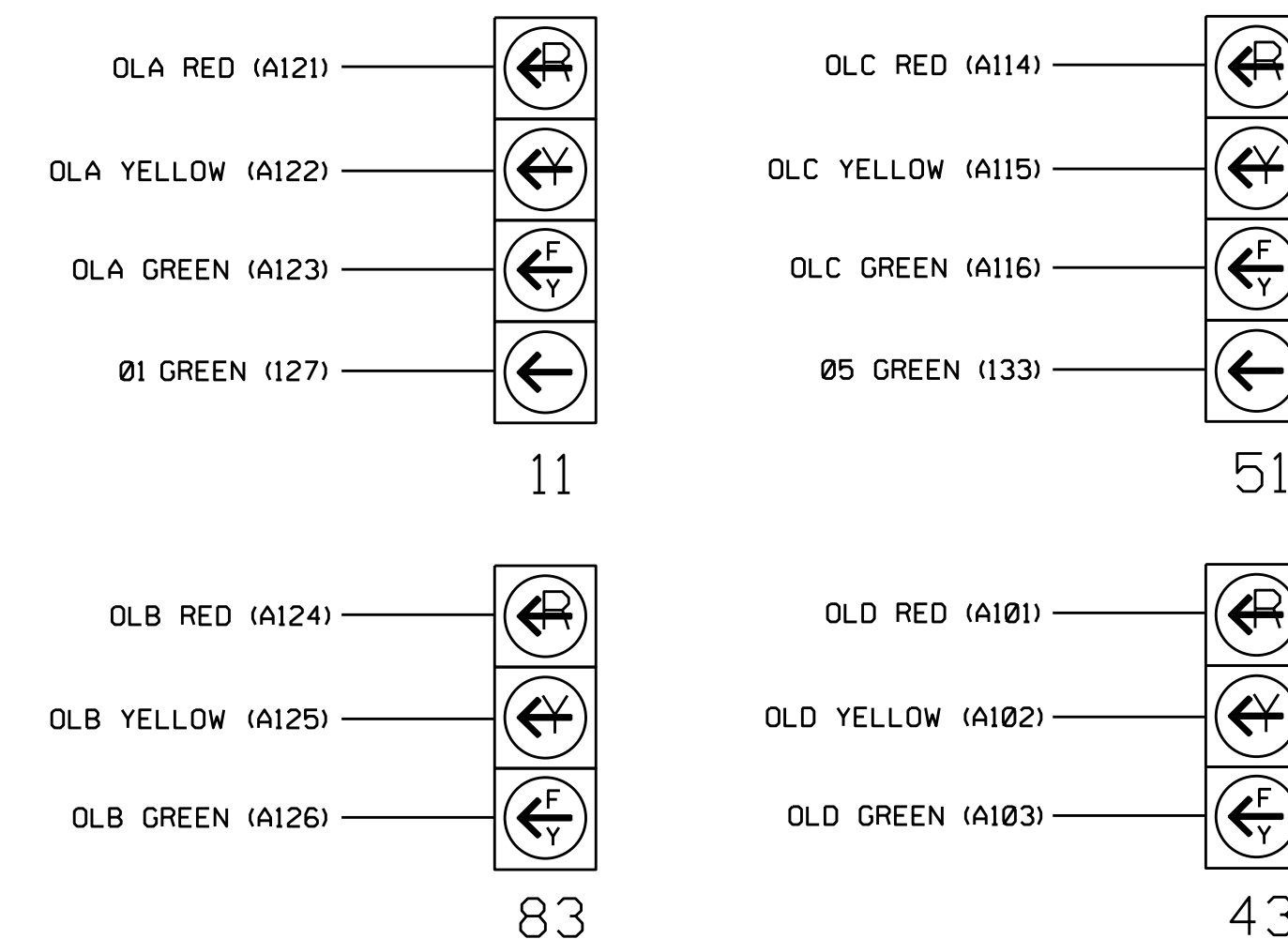
NOTE:
 INSTALL DC ISOLATORS IN INPUT FILE SLOTS 112 AND 113.

INPUT FILE POSITION LEGEND: J2L



FYA SIGNAL WIRING DETAIL

(wire signal heads as shown)

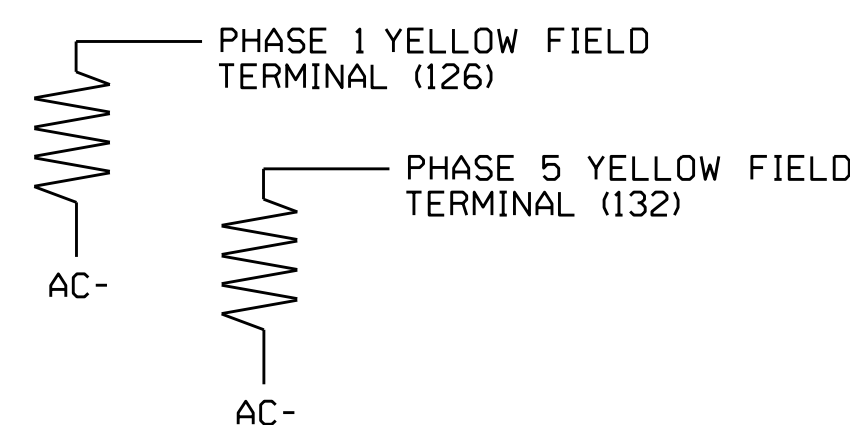


NOTE: See sheet 2 for Protected & Permitted Phases programming.

LOAD RESISTOR INSTALLATION DETAIL

(install resistors as shown below)

VALUE (ohms)	WATTAGE
1.5K - 1.9K	25W (min)
2.0K - 3.0K	10W (min)



This Electrical Detail supersedes the detail sealed on 6-06-17.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 05-2127
 DESIGNED: May 2017
 SEALED: 2-20-18
 REVISED: N/A

COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

Electrical Detail - Sheet 1 of 3

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

Prepared In the Offices of:
 NORTH CAROLINA PROFESSIONAL ENGINEERS & SURVEYORS
 KEITH M. MINAS

SR 1012 (Western Boulevard) at Clanton Street/Whitmore Drive

Division 5 Wake County Raleigh

PLAN DATE: February 2018 REVIEWED BY:

PREPARED BY: James Peterson REVIEWED BY:

INIT. DATE

Keith M. Minas 2/26/2018

750 N. Greenfield Pkwy, Garner, NC 27529

SIG. INVENTORY NO. 05-2127

FLASHING YELLOW ARROW PROTECTED/PERMISSIVE SEQUENCE FOR OVERLAPS A, B, C, & D

(program controller as shown below)
FROM MAIN MENU PRESS 4 (UNIT DATA)

SE-PAC UNIT DATA	PRESS # DESIRED
1-STARTUP & MISC	6-ALT SEQUENCES
2-REMOTE FLASH	7-PORT 1 DATA
3-OVERLAP STANDARD	8-I/O MISC
4-OVERLAP SPECIAL	9-SIG DRV OUT
5-RING STRUCTURE	
F-PRIOR MENU	

DO NOT enter any OVL PHASES! →

SE-PAC OVERLAP - A	(0-NO/1-YES)
OVL PHASES: 00000000 0000000	
PHS/CHN: 123456789 0123456789 01234	
OVL CHN(S): 00000000 00010000 00000	
A-UP B-DN D-DspChn E-EDIT F-PRIOR MENU	
PRESS "B" once	

DO NOT enter any OVL PHASES! →

SE-PAC OVERLAP - B	(0-NO/1-YES)
OVL PHASES: 00000000 0000000	
PHS/CHN: 123456789 0123456789 01234	
OVL CHN(S): 00000000 00001000 00000	
A-UP B-DN D-DspChn E-EDIT F-PRIOR MENU	
PRESS "B" once	

DO NOT enter any OVL PHASES! →

SE-PAC OVERLAP - C	(0-NO/1-YES)
OVL PHASES: 00000000 0000000	
PHS/CHN: 123456789 0123456789 01234	
OVL CHN(S): 00000000 00000100 00000	
A-UP B-DN D-DspChn E-EDIT F-PRIOR MENU	
PRESS "B" once	

DO NOT enter any OVL PHASES! →

SE-PAC OVERLAP - D	(0-NO/1-YES)
OVL PHASES: 00000000 0000000	
PHS/CHN: 123456789 0123456789 01234	
OVL CHN(S): 00000000 000000100 00000	
A-UP B-DN D-DspChn E-EDIT F-PRIOR MENU	

OVERLAP PROGRAMMING COMPLETE
PRESS 'F' TO RETURN TO UNIT DATA

PROTECTED AND PERMISSIVE PHASES FOR FLASHING YELLOW ARROW

(program controller as shown below)
FROM MAIN MENU PRESS 4 (UNIT DATA)

SE-PAC UNIT DATA	PRESS # DESIRED
1-STARTUP & MISC	6-ALT SEQUENCES
2-REMOTE FLASH	7-PORT 1 DATA
3-OVERLAP STANDARD	8-I/O MISC
4-OVERLAP SPECIAL	9-SIG DRV OUT
5-RING STRUCTURE	
F-PRIOR MENU	

PROTECTED PHASES →
PERMISSIVE PHASES →

SE-PAC OVL P.A...B...C...D...E...F...G...H.	
TR GRN	0 0 0 0 0 0 0 0
YEL/10	40 40 40 40 40 40 40 40
RED/10	20 20 20 20 20 20 20 20
-G/Y	1 3 5 7 0 0 0 0
+GRN	2 4 6 8 0 0 0 0
(-) #-PH G/Y KILLS OVL P= (+) #-PH G STRT	
A-UP B-DN C-LT D-RT E-ENTER F-PRIOR MENU	

PPLT DEFINITION PROGRAMMING COMPLETE
PRESS 'F' TO RETURN TO UNIT DATA

NOTE: THIS PROGRAMMING IS REQUIRED FOR SIGNAL HEADS 11, 43, 51, AND 83 SO THAT THE SOLID GREEN ARROWS TURN ON EXCLUSIVELY DURING PROTECTED GREEN PHASES 1 AND 5, AND THE FLASHING YELLOW ARROWS TURN ON EXCLUSIVELY DURING PERMITTED GREEN PHASES 2, 4, 6, & 8.

FLASHER CIRCUIT MODIFICATION DETAIL

IN ORDER TO INSURE THAT SIGNALS FLASH CONCURRENTLY ON THE SAME APPROACH, MAKE THE FOLLOWING FLASHER CIRCUIT CHANGES:

1. ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-4 AND TERMINATE ON T2-2.
2. ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-5 AND TERMINATE ON T2-3.
3. REMOVE FLASHER UNIT 2.

THE CHANGES LISTED ABOVE TIES ALL PHASES AND OVERLAPS TO FLASHER UNIT 1.

INIT & N.A. RESP PROGRAMMING DETAIL

(program controller as shown below)
From Main Menu, press '3' (Phase Data)

SE-PAC PHASE DATA	PRESS # DESIRED
1-VEHICLE TIMES	6-N.LOCK & MISC
2-DENSITY TIMES	7-SPEC. SEQUENCE
3-PEDEST. TIMES	8-SPEC. DETECTOR
4-INIT & N.A. RESP	9-PHASE COPY
5-V & P RECALLS	0-MISC PED OPTIONS
F-PRIOR MENU	

Phases 3 & 7 NOT used!

PHASE.....	1	2	3	4	5	6	7	8	9
INITIAL	1	4	0	1	1	4	0	1	0
NA RESP	0	1	0	2	0	1	0	2	0
CODES.....0.....1.....2.....3.....4.....5									
INITIAL	NONE	INACT	RED	YEL	GRN	DRK			
NA RESP	NONE	NA1	NA2	BOTH	---	---			
A-UP B-DN C-LT D-RT E-ENTER F-PRIOR MENU									

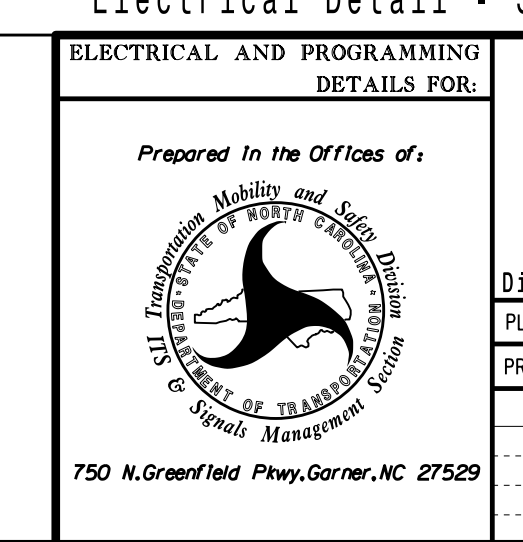
INIT & N.A. RESP programming complete.

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This Electrical Detail supersedes the detail sealed on 6-06-17.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 05-2127
DESIGNED: May 2017
SEALED: 2-20-18
REVISED: N/A

Electrical Detail - Sheet 2 of 3



SR 1012 (Western Boulevard)
at
Clanton Street/Whitmore Drive

Division 5	Wake County	Raleigh
PLAN DATE: February 2018	REVIEWED BY:	
PREPARED BY: James Peterson	REVIEWED BY:	
REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL
NORTH CAROLINA
PROFESSIONAL ENGINEER
KEITH M. MIMS
036880
2/26/2018
DATE
SIG. INVENTORY NO. 05-2127

TOD EVENT SCHEDULING PROGRAMMING DETAIL TO CALL ALTERNATE PHASING OPERATION DURING COORDINATION

(program controller as shown below)

* DENOTES TO BE DETERMINED BY THE DIVISION TRAFFIC ENGINEER.

NOTES

1. Phase Functions can be called by Time of Day (TOD) in Traffic Events, but not during coordination.
 2. Special Functions can be called by Time of Day using Aux Events, and can run in conjunction with Coordination.
 3. Special Functions can be used to call a Phase Function. In doing this a Phase function can run while a Coordination pattern is running.
4. If Alternate Phasing is used during FREE-RUN, Phase Function 1 must be turned on with a Traffic Event.

AUX EVENT PROGRAMMING TO CALL SPECIAL FUNCTION DURING COORDINATION

(program controller as shown below)

Step 3 - An Auxiliary event will be used to call the Special Function. This is done in Time Base Data under Aux Event. Add Auxiliary events as needed remembering to use one event to turn the Special Function on and one event to turn the Special Function off. If these are to be used in conjunction with the Traffic Events during Coordination then the On/Off times should be identical.

FROM MAIN MENU PRESS 6 (TIME BASE DATA)

PHASE FUNCTION MAPPING PROGRAMMING DETAIL

(program controller as shown below)

Step 1 - Assign OMIT OVERLAPS "A" & "C" to Phase Function 1.

FROM MAIN MENU PRESS 6 (TIME BASE DATA)

EPAC TIME BASE DATA	PRESS # DESIRED
1-VIEW CURRENT	6-EQUATE/TRANSFER
2-SET TIME/DATE	7-CLEAR MEMORY
3-TRAFFIC EVENTS	8-DIMMING
4-AUX EVENTS	9-PHS FUNC MAPPING
5-TOY EVENTS	0-SPC FUNC MAPPING
F-PRIOR MENU	

EPAC TIME BASE PHS FUNC MAPPING		PHS FUNC SEL (0-OFF/1-ON)	
NUM.	P-FUNCT NAME	123456789	0123456
1	PHS-01 MAX # 2	00000000	0000000
2	PHS-02 MAX # 2	01000000	0000000
3	PHS-03 MAX # 2	00100000	0000000
4	PHS-04 MAX # 2	00010000	0000000
A-UP B-DN C-LT D-RT E-ENTER F-PRIOR MENU			

← REMOVE PHASE FUNCTION NUM 1 DEFAULT VALUE

HIT "A" KEY UNTIL POSITIONED ON NUM 145

EPAC TIME BASE PHS FUNC MAPPING		PHS FUNC SEL (0-OFF/1-ON)	
NUM.	P-FUNCT NAME	123456789	0123456
145	OVERLAP A OMIT	10000000	0000000
146	OVERLAP B OMIT	00000000	0000000
147	OVERLAP C OMIT	10000000	0000000
148	OVERLAP D OMIT	00000000	0000000
A-UP B-DN C-LT D-RT E-ENTER F-PRIOR MENU			

← SET SWITCH 1 ON FOR OVERLAPS A & C OMIT

PHASE FUNCTION PROGRAMMING COMPLETE
PRESS 'F' TO RETURN TO TIME BASE DATA

SPECIAL FUNCTION MAPPING PROGRAMMING DETAIL

(program controller as shown below)

Step 2 - Assign Special Function 1 to call Phase Function 1.

FROM MAIN MENU PRESS 6 (TIME BASE DATA)

EPAC TIME BASE DATA	PRESS # DESIRED
1-VIEW CURRENT	6-EQUATE/TRANSFER
2-SET TIME/DATE	7-CLEAR MEMORY
3-TRAFFIC EVENTS	8-DIMMING
4-AUX EVENTS	9-PHS FUNC MAPPING
5-TOY EVENTS	0-SPC FUNC MAPPING
F-PRIOR MENU	

EPAC TIME BASE SPC FUNC MAPPING		SPC FUNC	
S-FUNCTION NAME	12345678	10000000	0000000
SPC 1-8 AS PHS FUNC 1-8	10000000	0000000	0000000
SPC 1-8 AS PHS FUNC 9-16	00000000	10000000	0000000
SPEC FUNCTION 1	10000000	0000000	0000000
CODES.....0-OFF.....1-ON.....			
A-UP B-DN C-LT D-RT E-ENTER F-PRIOR MENU			

← PHASE FUNCTION 1 WILL BE CALLED WHEN SPECIAL FUNCTION 1 IS SELECTED

SPECIAL FUNCTION PROGRAMMING COMPLETE
PRESS 'F' TO RETURN TO TIME BASE DATA

EPAC TIME BASE DATA	PRESS # DESIRED
1-VIEW CURRENT	6-EQUATE/TRANSFER
2-SET TIME/DATE	7-CLEAR MEMORY
3-TRAFFIC EVENTS	8-DIMMING
4-AUX EVENTS	9-PHS FUNC MAPPING
5-TOY EVENTS	0-SPC FUNC MAPPING
F-PRIOR MENU	

EPAC TIME BASE - AUXILIARY EVENTS						
DD	HH	MM	A123	D123	DIM	S12345678
*	*	*	000	000	0	10000000
*	*	*	000	000	0	00000000
*	*	*	000	000	0	00000000
CODES.....0-OFF.....1-ON.....						
OVERWRITE ">" W/ 1-ADD 2-DELETE 3-EDIT						
A-UP B-DN C-LT D-RT E-ENTER F-PRIOR MENU						

← Special Function (SF)
← SF 1 "ON"
← SF 1 "OFF"

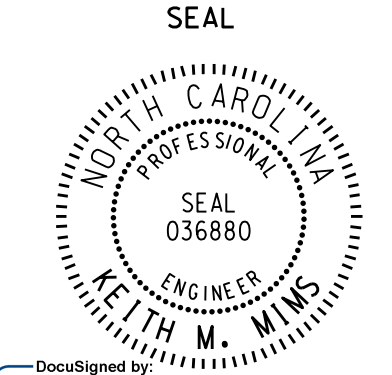

AUX EVENT PROGRAMMING COMPLETE
PRESS 'F' TO RETURN TO TIME BASE DATA

! AUX EVENT MUST BE SCHEDULED TO RUN CONCURRENT WITH A TRAFFIC EVENT SCHEDULED COORDINATION PATTERN.

23-SEP-2018 11:32 C:\PITS\ASIS\15_Signal\work\hgr\ouas\g_MarkPeterson\om62127_smc.e...20170606.dgn T:peterson

This Electrical Detail supersedes the detail sealed on 6-06-17.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 05-2127
DESIGNED: May 2017
SEALED: 2-20-18
REVISED: N/A

Electrical Detail - Sheet 3 of 3		
	<p>SR 1012 (Western Boulevard) at Clanton Street/Whitmore Drive</p> <p>Division 5 Wake County Raleigh</p> <p>PLAN DATE: February 2018 REVIEWED BY:</p> <p>PREPARED BY: James Peterson REVIEWED BY:</p>	
<p>750 N. Greenfield Pkwy, Garner, NC 27529</p>		<p>DocuSigned by: Keith M. Miras 2/26/2018</p> <p>SIG. INVENTORY NO. 05-2127</p>