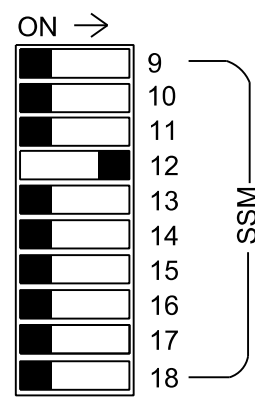
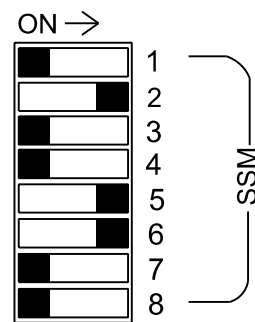
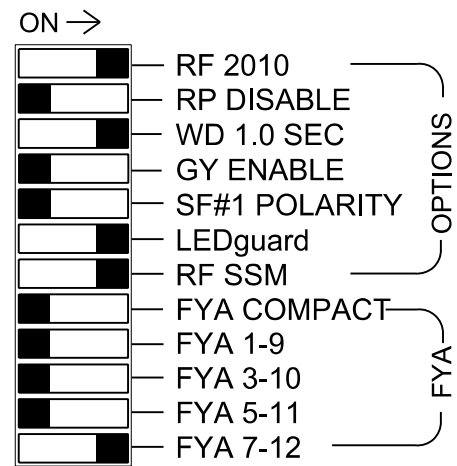
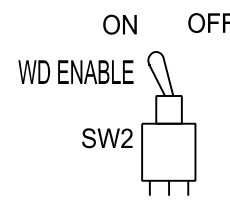


(remove jumpers and set switches as shown)

(remove jumpers and set switches as shown)



■ = DENOTES POSITION OF SWITCH

NOTES

4. If this signal will be managed by an ATMS software, enable controller and detector logging for all detectors used at this location.

EQUIPMENT INFORMATION

Controller.....	2070LX
Cabinet.....	332 w/ Aux
Software.....	Q-Free MAXTIME
Cabinet Mount.....	Base
Output File Positions.....	18 With Aux. Output File
Load Switches Used.....	S2, S6, S7, S8, S9, AUX S5
Phases Used.....	2, 4, 4PED, 5, 6, 6PED
Overlap "1".....	NOT USED
Overlap "2".....	NOT USED
Overlap "3".....	NOT USED
Overlap "4".....	*

*See overlap programming detail on sheet 2

PROJECT REFERENCE NO.	SHEET NO.
P-5707	Sig. 5.1

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	OL1	OL2	SPARE	OL3	OL4	SPARE
SIGNAL HEAD NO.	NU	21	22	NU	NU	NC	P41,P42 P43,P44	21	61	62	P61, P62	NU	NU	NU	NU	NU	41,42	NU
RED		128	128					*	134	134							A101	
YELLOW		129	129						135	135								
GREEN		130							136									
RED ARROW																		
YELLOW ARROW								132									A102	
FLASHING YELLOW ARROW																	A103	
GREEN ARROW			130					133	136									
							104			119								
							106			121								

NU = Not Used
 NC = Not Connected
 * Denotes install load resistor. See load resistor installation detail this sheet.
 ★ See pictorial of head wiring in detail this sheet.

INPUT FILE POSITION LAYOUT

(front view)

[illegible]

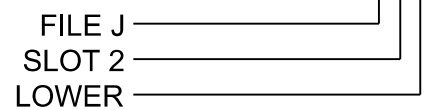
EX. : 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE
ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

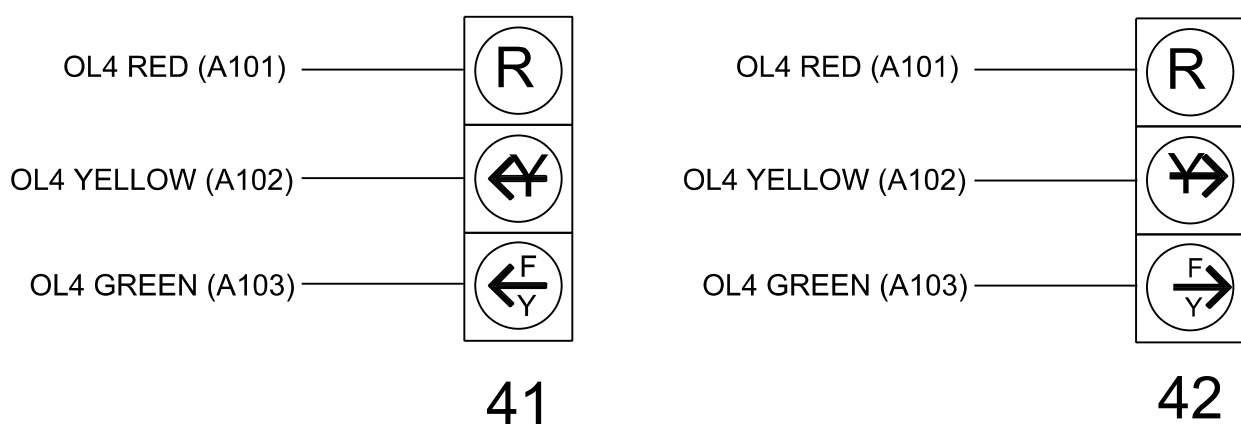
[illegible]

INPUT FILE POSITION LEGEND: J2L



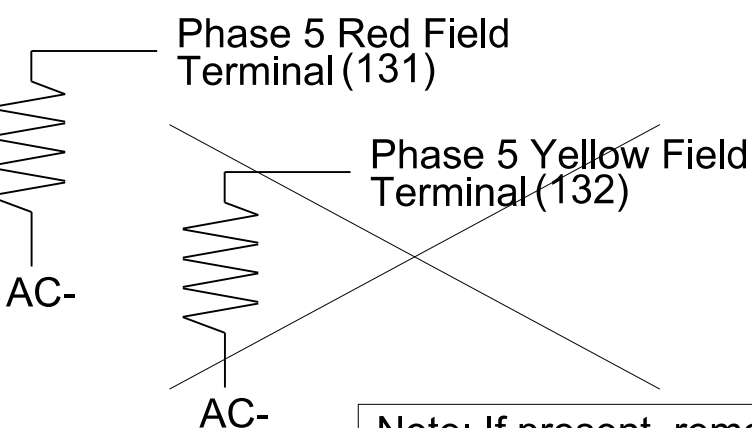
FYA SIGNAL WIRING DETAIL

(wire signal heads as shown)



LOAD RESISTOR INSTALLATION DETAIL

(install resistors as shown)



Note: If present, remove load resistor for phase 5 yellow field terminal 132.

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.

SPECIAL DETECTOR NOTE

For zones 2A, 5A and 6A install a video detection system for vehicle detection. Perform installation according to manufacturer's directions and NCDOT engineer -approved mounting locations to accomplish the detection schemes shown on the Signal Design Plans.



SIGNAL UPGRADE - TEMPORARY DESIGN 4
(CONSTRUCTION PHASE III STEPS 1-3)
ELECTRICAL DETAIL - SHEET 1 OF 2

ELECTRICAL AND PROGRAMMING DETAILS FOR:	SR 2052 (ROGERS RD) AT HERITAGE BRANCH RD	SEAL 																																				
Prepared for the Offices of: 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">DIVISION 5</td> <td style="width: 33%;">WAKE COUNTY</td> <td style="width: 33%;">WAKE FOREST</td> </tr> <tr> <td>PLAN DATE: JUNE 2026</td> <td>REVIEWED BY: DT SEARS</td> <td></td> </tr> <tr> <td>PREPARED BY: WP JONES</td> <td>REVIEWED BY:</td> <td></td> </tr> <tr> <td style="text-align: center;">REVISIONS</td> <td style="text-align: center;">INIT.</td> <td style="text-align: center;">DATE</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>		DIVISION 5	WAKE COUNTY	WAKE FOREST	PLAN DATE: JUNE 2026	REVIEWED BY: DT SEARS		PREPARED BY: WP JONES	REVIEWED BY:		REVISIONS	INIT.	DATE																								
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