

POWER SUPPLY													
LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL (ON POWER SUPPLY)		SERVICE POLE		
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONTROLLER		POWER SUPPLY DISCONNECT		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
						CONT & SIGNAL LAMPS	DISCONNECT	SIGNALS	LIGHTING				
HWY. K	149+03	58' R	Type 2		15 Amps	40 Amps	40 Amps	40 Amps	40 Amps	1	15 Amps	CL	FL
			Type		Amps	Amps	Amps	Amps	Amps		Amps	Cl.	FL

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT																					
LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		SOLID STATE PRE-TIMED		ON-OFF SWITCH		COORDINATION INTERFACE *			TONE UNIT *		TIME CLOCK	170 CABINET TYPE*		170 SOFTWARE*		
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	TYPE		TYPE		12C/7C HARDWARE OR TONE (1)		TIME BASE	CLOSED LOOP FIBER OPTIC			TRANS-MITTER (MASTER)	RECEIVER (LOCAL)	332A	336S	BITRAN
							S-M	S-S	S-N	I	II	MASTER		LOCAL	NEMA	170					
HWY. K	150+84	64' R			1 (3)																
HWY. K	159+66	124' R			1 (3)																

RTE. K & COMM. ENT.
RTE. K & RTE. N

DETECTOR SCHEDULE								
DETECTOR NUMBER	APPROACH	PUSH BUTTON	TYPE				MAGNETOMETER (2)	
			INDUCTION LOOP (2)		CALL UNIT *		STANDARD	DELAY/EXTEND *
			STANDARD	DELAY/EXTEND *	STANDARD	DELAY/EXTEND *		
10	NBL HWY K		1					
11	NBL HWY K		1					
50	SBL HWY K		1					
51	SBL HWY K		1					
21	SB HWY K		1					
22	SB HWY K		1					
23	SB HWY K		1					
24	SB HWY K		1					
31	WB CHRISTINA MARIE		1					
32	WB CHRISTINA MARIE		1					
41	EB COMM. ENTRANCE		1					
42	EB COMM. ENTRANCE		1					
43	EB COMM. ENTRANCE		1					
44	EB COMM. ENTRANCE		1					
45	EB COMM. ENTRANCE		1					
46	EB COMM. ENTRANCE		1					
61	NB HWY K		1					
62	NB HWY K		1					
TOTAL			18					

- *ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.
- (1) MHTD "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWARE OR TONE INTERCONNECT.
 - (2) IF 2-CHANNEL DETECTORS ARE USED, PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.
 - (3) CONTROLLER SHALL HAVE AN INTERNAL FIBER OPTIC MODEM.
 - (4) FOR FIBER OPTIC INTERCONNECT (6sm+6mm).

PRELIMINARY
DO NOT USE FOR CONSTRUCTION
DATE 11/17/98

RTE. K & COMM. ENTRANCE										
NEMA DETECTOR ASSIGNMENT										
CARD POSITION										
	1	2	3	4	5	6	7	8	9	
CHANNEL	1	11 #1 NBL	50 #5 SBL	22 #2 SB	24 #2 SB	61 #6 NB	32 #3 WB	42 #4 EB	44 #4 EB	46 #4 EB
	2	10 #1 NBL	51 #5 SBL	21 #2 SB	23 #2 SB	62 #6 NB	31 #3 WB	41 #4 EB	43 #4 EB	45 #4 EB

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = 9 (2)

RTE. K & RTE. N								
NEMA DETECTOR ASSIGNMENT								
CARD POSITION								
	1	2	3	4	5	6	7	8
CHANNEL	1							
	2							

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = 2

RTE. K & COMM. ENTRANCE											
NEMA LOAD SWITCH ASSIGNMENTS											
1	2	3	4	5	6	7	8	9	10	11	12
#1 NBL	#2 SB	#3 WB	#4 EB	#5 SBL	#6 NB						

RTE. K & RTE. N											
NEMA LOAD SWITCH ASSIGNMENTS											
1	2	3	4	5	6	7	8	9	10	11	12

170 OUTPUT FILE ASSIGNMENTS							MONITOR
FR1							
FR2							
FR3							
FR4							

170 AUXILIARY OUTPUT FILE						
FR5						
FR6						