

POWER SUPPLY													
LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE		
APPROACH	STATION	OFFSET	DRAWING 902.15J	DRAWING	CONTROLLER		POWER SUPPLY DISCONNECT		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY	
					AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER	SIGNALS					LIGHTING
TR HUGHES	98+48	200.0' R	Type 2		15 Amps	Amps	50 Amps	40 Amps	1	20 Amps	Cl.	Fl.	Ameren UE

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT (3)																							
LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		SOLID STATE PRE-TIMED			ON-OFF* SWITCH		COORDINATION INTERFACE *			TONE UNIT *		TIME * CLOCK	170 CABINET TYPE *		170 SOFTWARE *		VIDEO DETECTION HARDWARE*	BATTERY BACKUP*
APPROACH	STATION	OFFSET	NEMA	170	NEMA(4)	170	TYPE			TYPE		12C/7C HARDWARE OR TONE (1)		TIME BASE	CLOSED LOOP - FIBER READY W/ MODEM			TRANS-MITTER (MASTER)	RECEIVER (LOCAL)	332A	336S		
							S-M	S-S	S-N	I	II	MASTER	LOCAL		NEMA	170							
TR HUGHES BLVD/WIDEL LN	99+62	67.8' R			1																	1	1

DETECTOR SCHEDULE								
DETECTOR NUMBER	APPROACH	PUSH BUTTON	TYPE			VIDEO * DETECTION ZONE		
			INDUCTION LOOP (2)		MAGNETOMETER (2)			
			STANDARD	DELAY/EXTEND *	CALL UNIT *	STANDARD	DELAY/EXTEND *	
10	TR HUGHES BLVD.							1
21	TR HUGHES BLVD.							1
22	TR HUGHES BLVD.							1
23	TR HUGHES BLVD.							1
41	PRIVATE DRIVE							1
50	TR HUGHES BLVD.							1
61	TR HUGHES BLVD.							1
62	TR HUGHES BLVD.							1
81	WIDEL LANE							1
TOTAL								9

- * ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.
- (1) MoDOT "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 CABINET AND BASE SHALL BE TYPE E (MoDOT STD. 902.10N).
- (4) CONTROLLER SHALL BE EPAC 300, OR APPROVED EQUAL.

170 OUTPUT FILE ASSIGNMENTS						
FR1						MONITOR
FR2						
FR3						
FR4						

170 AUXILIARY OUTPUT FILE						
FR5						X
FR6						

VIDEO DETECTION CAMERAS*		
CAMERA NUMBER	LOCATION	PHASE CALLED
V-1	POLE 1	ø1, ø6
V-2	POLE 2	ø4
V-3	POLE 3	ø8
V-4	POLE 4	ø2, ø5

TOTAL NUMBER OF VIDEO DETECTOR CAMERAS = 4

NEMA DETECTOR ASSIGNMENT								
CARD POSITION								
	1	2	3	4	5	6	7	8
CHANNEL	1							
	2							

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

NEMA LOAD SWITCH ASSIGNMENTS											
1	2	3	4	5	6	7	8	9	10	11	12
ø1	ø2		ø4	ø5	ø6		ø8	PED	PED	PED	PED

170 INPUT FILE ASSIGNMENTS														
CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U													
	L													
"J"	U													
	L													

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

