

FULLY-ACTUATED		☒ COORDINATED	☒	SEQUENCE AND TIMING																								FLASHING OPERATION		
SEMI-ACTUATED		☐ ISOLATED	☐																											
PRE-TIMED		☐	☐																											
				SEQUENCE AND TIMING																										
STREET		DIRECTION	HOUSINGS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
JFK MEMORIAL	HIGHWAY	NB	J,K	R	R	R	GV	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	FL	SH	
JFK MEMORIAL	HIGHWAY	NB LT	H	RL	RL	RL	RL	RL	RL	RL	RL	RL	GL	YL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	FR	SH	
JFK MEMORIAL	HIGHWAY	NB RT	L	RR	RR	RR	GR	YR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	FR	SH	
JFK MEMORIAL	HIGHWAY	SB	B,C	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	FL	SH	
JFK MEMORIAL	HIGHWAY	SB LT	A	GL	YL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	FR	SH	
JFK MEMORIAL	HIGHWAY	SB RT	D	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	FR	SH	
ELM STREET		EB	E,O	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	FL	SH	
ELM STREET		EB LT	M,N	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL	FR	SH	
ELM STREET		WB	F,G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	FL	SH	
PEDESTRIAN		N-S	P ₂ -P ₃ , P ₅ -P ₇	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	FR	SH	
PEDESTRIAN		E-W	P ₁ -P ₄ , P ₆ -P ₈	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	OFF	SH	
MINIMUM INITIAL				4			10			8			4			10			4			8								
PASSAGE				2			2			2			2			2			4			2								
MAXIMUM 1 AM PEAK (7:00-10:00 AM)				6			26			19			6			26			5			8								
MAXIMUM 2 PM PEAK (4:00-7:00 PM)				4			38			29			4			38			15			8								
MAXIMUM 3 OFF PEAK (ALL OTHER TIMES) ②				6			16			19			6			14			5			8								
CLEARANCE																														
PEDESTRIAN					4	2		4	2		4	2		4	2		4	2		4	2		4	2		7	25	1		
RECALL (SOFT)																														
MEMORY				OFF LOCKING		ON NON-LOCKING		OFF NON-LOCKING		OFF LOCKING		ON NON-LOCKING		OFF LOCKING		OFF NON-LOCKING		OFF LOCKING		OFF NON-LOCKING		OFF LOCKING		OFF NON-LOCKING		OFF LOCKING				
HOURS OF OPERATION		PATTERN NO.	CYCLE LENGTH	OFFSET	PROGRAM/COORDINATION PHASE SPLITS IN SECONDS																									
7:00-10:00 AM		1	100	77	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳	㉑					

SEE PLAN SHEET-LOOP DETECTOR DETAILS FOR LOOP CONSTRUCTION. SPlicing,
DETAILS & NOTES. DELAY TIME EFFECTIVE ONLY DURING CALLED Ø RED. TIME IN SEC.

DETECTOR NUMBER	NUM. OF SEGMENTS	SPLICE PATTERN	LOOP SIZE (FTXFT)	NUM. OF TURNS	Ø CALLED	Ø EXT.	MODE A=PULSE B=PRES.	LOOP CHANNEL	DELAY TIME	EXT. TIME
①	2	SERIES/ PARALLEL	6x23	2-4-2	Ø1	Ø1	B	1	-	
1A	2	SERIES/ PARALLEL	6x23	2-4-2	Ø6	Ø6	B	2	-	
1B	2	SERIES/ PARALLEL	6x23	2-4-2	Ø6	Ø6	B	1	-	
1C	2	SERIES/ PARALLEL	6X23	2-4-2	Ø6	Ø6	B	2	-	
②	2	SERIES/ PARALLEL	6x23	2-4-2	Ø5	Ø5	B	1	-	
2A	2	SERIES/ PARALLEL	6x23	2-4-2	Ø2	Ø2	B	2	-	
2B	2	SERIES/ PARALLEL	6x23	2-4-2	Ø2	Ø2	B	1	-	
2C	2	SERIES/ PARALLEL	6X23	2-4-2	Ø2	Ø2	B	2	-	
③	2	SERIES/ PARALLEL	6x23	2-4-2	Ø7	Ø7	B	1	-	
3A	2	SERIES/ PARALLEL	6x23	2-4-2	Ø7	Ø7	B	2	-	
3B	2	SERIES/ PARALLEL	6X23	2-4-2	Ø4	Ø4	B	1	-	
④	2	SERIES/ PARALLEL	6X23	2-4-2	Ø8	Ø8	B	2	-	

PARAMETER	SELECTION
PHASE ASSIGNMENTS	STD. NEMA
OVERLAPS	STD. NEMA
RINGS	2
SIMULTANEOUS GAP OUT DISABLED	—
ALL RED REST	OFF
MAX II BY INTERNAL CLOCK	YES
NIGHT TIME FLASH BY INTERNAL CLOCK	NO

ALL PED INDICATIONS

ALL 12 INCH ALL LED

- 816.03 - MAJOR ITEMS

QTY	DESCRIPTION
3 EA	REMOVE & DISPOSE SIGNAL POST FOUNDATION
2 EA	REMOVE & DISPOSE MAST ARM FOUNDATION
1 EA	REMOVE & DISPOSE TRAFFIC SIGNAL CABINET FOUNDATION
1,780 LF	FURNISH & INSTALL LOOP FEEDER CABLE
14 EA	12" 3-SECTION LED VEHICLE INDICATION
8 EA	16" LED COUNTDOWN PEDESTRIAN SIGNAL INDICATION
6 EA	PEDESTRIAN PUSHBUTTON, SIGN, & SADDLE
2 EA	8' ORNAMENTAL TRAFFIC SIGNAL POST AND BASE WITH FOUNDATION (PAINTED BLACK)
1 EA	35' ORNAMENTAL TYPE 2 STEEL MAST ARM WITH FOUNDATION (PAINTED BLACK)
3 EA	40' ORNAMENTAL TYPE 2 STEEL MAST ARM WITH FOUNDATION (PAINTED BLACK)
3 EA	REMOVE & STACK SIGNAL POST, BASE, AND HOUSINGS
2 EA	REMOVE & STACK MAST ARM ASSEMBLY & HOUSINGS
1 EA	REMOVE & STACK CONTROLLER CABINET ASSEMBLY
955 LF	TRAFFIC SIGNAL CABLE
1 EA	NEMA TS2 TYPE-2 8DW CONTROLLER WITH FOUNDATION IN NEW CABINET
6 EA	DUAL CHANNEL LOOP DETECTOR AMPLIFIER-RACK MOUNTED
14 EA	LOUVERED BACKPLATES
18 EA	PULL BOX (12" X 24")
2,220 LF	WIRE LOOP INSTALLED IN ROADWAY
1 EA	115 VAC ELECTRICAL SERVICE (UNDERGROUND)
290 LF	30PR-#22 AWG INTERCONNECT CABLE

PLUS ALL OTHER MISCELLANEOUS EQUIPMENT NECESSARY FOR A COMPLETE AND OPERATING TRAFFIC CONTROL SIGNAL.