

INTERVAL	TIMING FUNCTION	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
0	WALK					7	7		7
1	FLASHING DON'T WALK					10	18		18
2	MINIMUM INITIAL	6	10			6	10	8	6
3	TYPE 3 DET. DISCONNECT	0	20			0	20	0	0
4	ADDED SEC./ACTUATION	0	2			0	2	0	0
5	PASSAGE	2	3			2	3	2.2	2
6	MAXIMUM GAP	3	4			3	4	3.2	3
7	MINIMUM GAP	1	2			1	2	1.5	1
8	MAXIMUM EXTENSION I	16	20			25	27	10	10
9	MAXIMUM EXTENSION II							15	
A	MAXIMUM EXTENSION III					50			
B									
C	SEC. OF GAP REDUCED	0.1	0.1			0.1	0.1	0.1	0.1
D	PER SEC. OF INTERVAL	1	1.5			1	1.5	1	1
E	YELLOW	3	5			3	5	3	3
F	RED CLEARANCE	0	1			1	1	0.5	1.5

TURN ON 1150 EPB	TIMING CHANGE BY: HZ OY MRL			REMARKS ALL RED FLASH				FILE
DATE 08/01/84	DATE 11/14/05	DATE 3/5/2007	DATE 7/22/2008	Print Date Jul 23, '08	By MRL	FILENAME SM-084-27.659.xls	E# E35U4	OPERATION 5φ
COUNTY SM	ROUTE 84	PM 27.659	CITY MIP	INTERSECTION WILLOW RD & BAYFRONT EXPRESSWAY				PROGRAM C8.4
NOTE: To Initialize Controller: 1)Set Location & Feature Switches; 2) Clear RAM Location C-C-0 with STOP-TIME ON; 3) Enter Non-zero at C-C-1 to enter timing; 4)Enter 0 at C-C-1 to start								
SET REAL TIME CLOCK TO TELEPHONE TIME								
Y-CONNECTOR USED FOR OL'A ROUTED THRU PH 4 LOAD SW								
OY: Change Chip #74 to 174.								
Adjusted phase 5 gap & stretch time. 7/22/2008 MRL								

INTERVAL	FLAG FUNCTION	DISPLAY	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
0	PERMITTED PHASES	F 243	ON	ON			ON	ON	ON	ON
1	RED DETECTOR LOCK	F 064							ON	
2	YELLOW DET. LOCK									
3	VEHICLE RECALL	F 034		ON				ON		
4	PEDESTRIAN RECALL									
5	PEDESTRIAN PHASES	F 176					ON	ON		ON
6	OVERLAP A									
7	OVERLAP B									
8	DOUBLE ENTRY	F 034		ON				ON		
9	MAX EXT. II	F 064							ON	
A	LAG PHASES	VIEW	FOR OBSERVATION ONLY (SET LAG PHASES AT C-F-0 TO C-F-9)							
B	RED REST									
C	NON ACTUATED									
D	MAXIMUM EXT. III	F 016					ON			
E	START UP YELLOW									
F	FIRST PHASE GREEN	F 034		ON				ON		

PATTERN 1			
CODE	FUNCTION	ENTER	DISPLAY
C-1-0	CYC. LENG.	E	C
C-1-1	φ 1 SPLIT	E	C
C-1-2	φ 2 SPLIT	E	C
C-1-3	φ 3 SPLIT	E	C
C-1-4	φ 4 SPLIT	E	C
C-1-5	φ 5 SPLIT	E	C
C-1-6	φ 6 SPLIT	E	C
C-1-7	φ 7 SPLIT	E	C
C-1-8	φ 8 SPLIT	E	C
C-1-A	OFFSET A	E	C 000
C-1-B	OFFSET B	E	C
C-1-C	OFFSET C	E	C

PATTERN 4			
CODE	FUNCTION	ENTER	DISPLAY
C-4-0	CYC. LENG.	E	C
C-4-1	φ 1 SPLIT	E	C
C-4-2	φ 2 SPLIT	E	C
C-4-3	φ 3 SPLIT	E	C
C-4-4	φ 4 SPLIT	E	C
C-4-5	φ 5 SPLIT	E	C
C-4-6	φ 6 SPLIT	E	C
C-4-7	φ 7 SPLIT	E	C
C-4-8	φ 8 SPLIT	E	C
C-4-A	OFFSET A	E	C 000
C-4-B	OFFSET B	E	C
C-4-C	OFFSET C	E	C

PATTERN 7			
CODE	FUNCTION	ENTER	DISPLAY
C-7-0	CYC. LENG.	E	C
C-7-1	φ 1 SPLIT	E	C
C-7-2	φ 2 SPLIT	E	C
C-7-3	φ 3 SPLIT	E	C
C-7-4	φ 4 SPLIT	E	C
C-7-5	φ 5 SPLIT	E	C
C-7-6	φ 6 SPLIT	E	C
C-7-7	φ 7 SPLIT	E	C
C-7-8	φ 8 SPLIT	E	C
C-7-A	OFFSET A	E	C 000
C-7-B	OFFSET B	E	C
C-7-C	OFFSET C	E	C

COORD MAX RECALL			
CODE	PATTERN	ENTER	CALL LAMPS
D-D-1	1		d
D-D-2	2		d
D-D-3	3		d
D-D-4	4		d
D-D-5	5		d
D-D-6	6		d
D-D-7	7		d
D-D-8	8		d
D-D-9	9		d

PATTERN 2			
CODE	FUNCTION	ENTER	DISPLAY
C-2-0	CYC. LENG.	E	C
C-2-1	φ 1 SPLIT	E	C
C-2-2	φ 2 SPLIT	E	C
C-2-3	φ 3 SPLIT	E	C
C-2-4	φ 4 SPLIT	E	C
C-2-5	φ 5 SPLIT	E	C
C-2-6	φ 6 SPLIT	E	C
C-2-7	φ 7 SPLIT	E	C
C-2-8	φ 8 SPLIT	E	C
C-2-A	OFFSET A	E	C 000
C-2-B	OFFSET B	E	C
C-2-C	OFFSET C	E	C

PATTERN 5			
CODE	FUNCTION	ENTER	DISPLAY
C-5-0	CYC. LENG.	E	C
C-5-1	φ 1 SPLIT	E	C
C-5-2	φ 2 SPLIT	E	C
C-5-3	φ 3 SPLIT	E	C
C-5-4	φ 4 SPLIT	E	C
C-5-5	φ 5 SPLIT	E	C
C-5-6	φ 6 SPLIT	E	C
C-5-7	φ 7 SPLIT	E	C
C-5-8	φ 8 SPLIT	E	C
C-5-A	OFFSET A	E	C 000
C-5-B	OFFSET B	E	C
C-5-C	OFFSET C	E	C

PATTERN 8			
CODE	FUNCTION	ENTER	DISPLAY
C-8-0	CYC. LENG.	E	C
C-8-1	φ 1 SPLIT	E	C
C-8-2	φ 2 SPLIT	E	C
C-8-3	φ 3 SPLIT	E	C
C-8-4	φ 4 SPLIT	E	C
C-8-5	φ 5 SPLIT	E	C
C-8-6	φ 6 SPLIT	E	C
C-8-7	φ 7 SPLIT	E	C
C-8-8	φ 8 SPLIT	E	C
C-8-A	OFFSET A	E	C 000
C-8-B	OFFSET B	E	C
C-8-C	OFFSET C	E	C

COORD MIN RECALL			
CODE	PATTERN	ENTER	CALL LAMPS
D-E-1	1		d
D-E-2	2		d
D-E-3	3		d
D-E-4	4		d
D-E-5	5		d
D-E-6	6		d
D-E-7	7		d
D-E-8	8		d
D-E-9	9		d

PATTERN 3			
CODE	FUNCTION	ENTER	DISPLAY
C-3-0	CYC. LENG.	E	C
C-3-1	φ 1 SPLIT	E	C
C-3-2	φ 2 SPLIT	E	C
C-3-3	φ 3 SPLIT	E	C
C-3-4	φ 4 SPLIT	E	C
C-3-5	φ 5 SPLIT	E	C
C-3-6	φ 6 SPLIT	E	C
C-3-7	φ 7 SPLIT	E	C
C-3-8	φ 8 SPLIT	E	C
C-3-A	OFFSET A	E	C 000
C-3-B	OFFSET B	E	C
C-3-C	OFFSET C	E	C

PATTERN 6			
CODE	FUNCTION	ENTER	DISPLAY
C-6-0	CYC. LENG.	E	C
C-6-1	φ 1 SPLIT	E	C
C-6-2	φ 2 SPLIT	E	C
C-6-3	φ 3 SPLIT	E	C
C-6-4	φ 4 SPLIT	E	C
C-6-5	φ 5 SPLIT	E	C
C-6-6	φ 6 SPLIT	E	C
C-6-7	φ 7 SPLIT	E	C
C-6-8	φ 8 SPLIT	E	C
C-6-A	OFFSET A	E	C 000
C-6-B	OFFSET B	E	C
C-6-C	OFFSET C	E	C

PATTERN 9			
CODE	FUNCTION	ENTER	DISPLAY
C-9-0	CYC. LENG.	E	C
C-9-1	φ 1 SPLIT	E	C
C-9-2	φ 2 SPLIT	E	C
C-9-3	φ 3 SPLIT	E	C
C-9-4	φ 4 SPLIT	E	C
C-9-5	φ 5 SPLIT	E	C
C-9-6	φ 6 SPLIT	E	C
C-9-7	φ 7 SPLIT	E	C
C-9-8	φ 8 SPLIT	E	C
C-9-A	OFFSET A	E	C 000
C-9-B	OFFSET B	E	C
C-9-C	OFFSET C	E	C

COORD PED RECALL			
CODE	PATTERN	ENTER	CALL LAMPS
D-F-1	1		d
D-F-2	2		d
D-F-3	3		d
D-F-4	4		d
D-F-5	5		d
D-F-6	6		d
D-F-7	7		d
D-F-8	8		d
D-F-9	9		d

SM 84 27.659 PM

WILLOW RD & BAYFRONT EXPRESSWAY

MIP CITY

CONTROL CODE "7"													
TIME OF DAY ACTIVITY TABLE													
KEY STROKES 7 + EVENT # + HOUR + MIN + ACT CODE + "E" + ON/OFF + DOW LTS													
EVENT #	TIME	ACTIVITY CODE	DRESS	ON/OFF LIGHT	DAY OF THE WEEK SET DISPLAY LIGHTS 1-7								
					SUN	MON	TUE	WED	THUR	FRI	SAT		
0	0530	3	E	ON	X	X	X	X	X	X			
1	0745	2	E	ON	X	X	X	X	X	X			
2	0945	3	E	OFF	X	X	X	X	X	X			
3	1015	2	E	OFF	X	X	X	X	X	X			
4	1530	3	E	ON	X	X	X	X	X	X			
5	2000	3	E	OFF	X	X	X	X	X	X			
6			E										
7			E										
8			E										
9			E										
A			E										
B			E										
C			E										
D			E										
E			E										
F			E										

"7" KEY ACTIVITY CODE

- 1=TYPE OF SIMULTANEOUS PHASE TERMINATION
- 2=MAX 2 FAZES
- 3=MAX 3 FAZES
- 4=CONDITIONAL SERVICE (1ST SELECT) FAZES SET AT E-F-0
- 5=CONDITIONAL SERVICE (2ND SELECT) FAZES SET AT E-F-1
- 6=ENERGIZE AUX 6 RED
- 7=ENERGIZE AUX 6 GREEN
- 8=ENERGIZE AUX 6 YELLOW
- 9=CONSTANT CALL ON FAZES SET AT D-F-A
- A=TRAFFIC ACTUATED MAX 2 OPERATION
- B=CONSTANT CALL ON FAZES SET AT D-F-B
- C=YELLOW YIELD COORDINATION
- D=YELLOW YIELD COORDINATION
- E=COORD FREE IF F-D-4 = 0
- F=FLASHING OPERATION

CONTROL CODE "9"														
TIME OF DAY SELECTION FOR COORDINATED CONTROL PLANS														
KEY STROKES 9 + EVENT # + HOUR + MIN + Control Plan + Offset + "E" + DOW LTS														
DATE	BY	# EVENT	TIME	CONTROL PLAN	OFFSET	DRESS	DAY OF THE WEEK SET DISPLAY LIGHTS 1-7							
							SUN	MON	TUE	WED	THUR	FRI	SAT	
		0				E								
		1				E								
		2				E								
		3				E								
		4				E								
		5				E								
		6				E								
		7				E								
		8				E								
		9				E								
		A				E								
		B				E								
		C				E								
		D				E								
		E				E								
		F				E								

SM 84 Route 27.659 PM WILLOW RD & BAYFRONT EXPRESSWAY Location MIP City