

Appendix 400.3

Signal Timing Templates

**(Refer to Template Section for
Excel Format Documents)**

SIGNAL TIMING SHEET

DATE ISSUED		INTERSECTION	
CONTROLLER TYPE	LMD 8000	LOCATION	
CABINET TYPE	"S" RACK	SHEET NUMBER & REVISION	
SEQUENCE	NEMA DUAL RING	SITE CODE	

PHASE NUMBER	1	2	3	4	5	6	7	8
PHASE SETTING	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
DESCRIPTION								
FUNCTION								
OVERLAP								
MINIMUM GREEN	0	0	0	0	0	0	0	0
PASSAGE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
YELLOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX I/MAX II								
MAXPLAN (1,2,3,4)								
MAXPLAN (5,6,7,8)								
WALK	0	0	0	0	0	0	0	0
PEDESTRIAN CLEAR	0	0	0	0	0	0	0	0
WALK								
RECALL								
MEMORY								
COORDINATION ON PHASE								
FIRST GREEN DISPLAY								
INTERSECTION FLASH								
AWF TIME [s]		0.0		0.0		0.0		0.0
AWF TIME [s] [CH1/CH2]		0.0	0.0	0.0	0.0	0.0	0.0	0.0
DELAY DETECTION TIMING	NONE			PROGRAMMING COMMENTS				
				1.				
				2.				
				3.				
				4.				
PRE-EMPTION TYPE	NONE			OPERATIONAL COMMENTS				
DELAY TIME				1.				
PRE-EMPTION TIME				2.				
VOLUME LOGGING & MOES	ON			3.				
SCM	ON			4.				

PED PERMISSIVE	AUTO	CYCLE (1 TO 8)							
		1	2	3	4	5	6	7	8
		0	0	0	0	0	0		
OFFSET (1 TO 4)		0	0	0	0	0	0		

TIME CLOCK SETTINGS						
TIME OF DAY	DAY OF WEEK	MAXPLAN (1 TO 8)	CYCLE (1 TO 8)	OFFSET (1 TO 4)	SERVICEPLAN (1 TO 8)	ADDITIONAL TIME CLOCK INFORMATION
0	0	0	0			
0	0	0	0			
0	0	0	0			
0	0	0	0			
0	0	0	0			
0	0	0	0			

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SIGNAL TIMING SHEET

DATE ISSUED	JANUARY 2, 2003	INTERSECTION	ROAD A AT ROAD B
CONTROLLER TYPE	LMD 8000	LOCATION	SOMEWHERE
CABINET TYPE	"S" RACK	SHEET NUMBER & REVISION	TE-12345-01
SEQUENCE	2 OVER 2 PLUS 4	SITE CODE	123

PHASE NUMBER	1	2	3	4	5	6	7	8
PHASE SETTING	ON	ON	OFF	ON	ON	ON	OFF	ON
DESCRIPTION	ROAD A WB LT	ROAD A EB		ROAD B SB	ROAD A EB LT	ROAD A WB		ROAD C NB
FUNCTION	Ay	A1		B	Ax	A2		C
OVERLAP								
MINIMUM GREEN	6	10		7	6	10		7
PASSAGE	3.0	3.0		3.0	3.0	3.0		3.0
YELLOW	3.5	4.3		4.3	3.5	4.3		4.3
RED	0.9	1.0		1.0	0.9	1.0		1.0
MAX I/MAX II	10	25		15	10	25		15
MAXPLAN (1,2,3,4)	6 6 6 6	40 40 40 40		20 20 20 20	6 6 6 6	40 40 40 40		15 15 15 15
MAXPLAN (5,6,7,8)	6 6	40 40		20 20	6 6	40 40		15 15
WALK	----	7		7	----	7		7
PEDESTRIAN CLEAR	----	12		12	----	12		12
WALK	STEADY	STEADY		STEADY	STEADY	STEADY		STEADY
RECALL	OFF	EXT		OFF	OFF	EXT		OFF
MEMORY	OFF	OFF		OFF	OFF	OFF		OFF
COORDINATION ON PHASE		XXXX				XXXX		
FIRST GREEN DISPLAY		XXXX				XXXX		
INTERSECTION FLASH	RED	YELLOW		RED	RED	YELLOW		RED
AWF TIME [s]		5.1		5.1		5.1		5.1
AWF TIME [s] [CH1/CH2]		5.1		5.1		5.1		5.1
DELAY DETECTION TIMING	NONE		PROGRAMMING COMMENTS					
			1.					
			2.					
			3.					
PRE-EMPTION TYPE	NONE		OPERATIONAL COMMENTS					
			1.					
			2.					
			3.					
VOLUME LOGGING & MOES	ON		3.					
SCM	ON		4.					

PED PERMISSIVE	1	CYCLE (1 TO 8)							
		1	2	3	4	5	6	7	8
		110	110	110	110	110	110		
OFFSET (1 TO 4)		15	15	15	15	15	15		

TIME CLOCK SETTINGS						
TIME OF DAY	DAY OF WEEK	MAXPLAN (1 TO 8)	CYCLE (1 TO 8)	OFFSET (1 TO 8)	SERVICEPLAN (1 TO 8)	ADDITIONAL TIME CLOCK INFORMATION
0600 - 0900	MON - FRI	1	1	1		
0600 - 0900	MON - FRI	1	2	1		
0600 - 0900	MON - FRI	1	3	1		
0600 - 0900	MON - FRI	1	4	1		
0600 - 0900	MON - FRI	1	5	1		
0600 - 0900	MON - FRI	1	6	1		

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SIGNAL TIMING SHEET

DATE ISSUED	NOVEMBER 12, 2002	INTERSECTION	ROAD A AT ROAD B
CONTROLLER TYPE	LMD 8000	LOCATION	SOMEWHERE
CABINET TYPE	"M" RACK CABINET	SHEET NUMBER & REVISION	TE-90000-02
SEQUENCE	4 PHASE SEQUENTIAL	SITE CODE	123

PHASE NUMBER	1	2	3	4	5	6	7	8
PHASE SETTING	ON	ON	ON	ON	OFF	OFF	OFF	OFF
DESCRIPTION	ROAD A EB LT	ROAD A	ROAD B SB LT	ROAD B				
FUNCTION	A1->		B1->					
OVERLAP	A1	A1 & A2	B1	B1 & B2				
MINIMUM GREEN	6	10	6	7				
PASSAGE	3.0	3.0	3.0	3.0				
YELLOW	3.5	4.3	4.3	4.3				
RED	0.6	1.0	1.0	1.0				
MAX I/MAX II	10	25	10	25				
MAXPLAN (1,2,3,4)	6 6 6 6	10 10 10 10	5 5 5 5	10 10 10 10				
MAXPLAN (5,6,7,8)	6 6	10 10	5 5	10 10				
WALK	----	7	----	7				
PEDESTRIAN CLEAR	----	12	----					
WALK	STEADY	STEADY	STEADY	STEADY				
RECALL	OFF	EXT	OFF	OFF				
MEMORY	OFF	OFF	OFF	OFF				
COORDINATION ON PHASE		XXXX						
FIRST GREEN DISPLAY		XXXX						
INTERSECTION FLASH		YELLOW		RED				
AWF TIME [s]		5.1		5.1				
AWF TIME [s] [CH1/CH2]		5.1		5.1				
DELAY DETECTION TIMING	NONE		PROGRAMMING COMMENTS					
			1.					
			2.					
			3.					
			4.					
PRE-EMPTION TYPE	NONE		OPERATIONAL COMMENTS					
DELAY TIME			1.					
PRE-EMPTION TIME			2.					
VOLUME LOGGING & MOES	ON		3.					
SCM	ON		4.					

PED PERMISSIVE	1	CYCLE (1 TO 8)							
		1	2	3	4	5	6	7	8
		80	80	80	80	80	80		
OFFSET (1 TO 4)		35	35	35	35	35	35		

TIME CLOCK SETTINGS						
TIME OF DAY	DAY OF WEEK	MAXPLAN (1 TO 8)	CYCLE (1 TO 8)	OFFSET (1 TO 8)	SERVICEPLAN (1 TO 8)	ADDITIONAL TIME CLOCK INFORMATION
0600 - 1000	MON - FRI	1	1	1		
0600 - 1000	MON - FRI	1	2	1		
0600 - 1000	MON - FRI	1	3	1		
0600 - 1000	MON - FRI	1	4	1		
0600 - 1000	MON - FRI	1	5	1		
0600 - 1000	MON - FRI	1	6	1		

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SIGNAL TIMING SHEET

DATE ISSUED	JANUARY 2, 2002	INTERSECTION	ROAD A AT ROAD B
CONTROLLER TYPE	LMD 8000	LOCATION	SOMEWHERE
CABINET TYPE	"S" RACK	SHEET NUMBER & REVISION	TE-12345
SEQUENCE	4 PLUS 2 OVER 2	SITE CODE	123

PHASE NUMBER	1	2	3	4	5	6	7	8
PHASE SETTING	OFF	ON	ON	ON	OFF	ON	ON	ON
DESCRIPTION		ROAD A	ROAD C WB LT	ROAD C EB		ROAD B	ROAD C EB LT	ROAD C WB
FUNCTION		A	C2->	C1		B	C1->	C2
OVERLAP								
MINIMUM GREEN		10	6	7		10	6	7
PASSAGE		3.0	3.0	3.0		3.0	3.0	3.0
YELLOW		4.3	4.3	4.3		4.3	4.3	4.3
RED		1.0	1.0	1.0		1.0	1.0	1.0
MAX I/MAX II		40		20		20	12	20
MAXPLAN (1,2,3,4)		30 30 30 30	7 7 7 7	10 10 10 10		10 10 10 10	7 7 7 7	10 10 10 10
MAXPLAN (5,6,7,8)		30 30	7 7	10 10		10 10	7 7	10 10
WALK		7	----	7		7	----	7
PEDESTRIAN CLEAR		17	----	17		17	----	17
WALK		STEADY	STEADY	STEADY		STEADY	STEADY	STEADY
RECALL		EXT	OFF	OFF		OFF	OFF	OFF
MEMORY		OFF	OFF	OFF		OFF	OFF	OFF
COORDINATION ON PHASE		XXXX						
FIRST GREEN DISPLAY						XXXX		
INTERSECTION FLASH		RED		RED		RED		RED
AWF TIME [s]		5.1		5.1		5.1		5.1
AWF TIME [s] [CH1/CH2]		5.1		5.1		5.1		5.1
DELAY DETECTION TIMING	NONE		PROGRAMMING COMMENTS					
			1.					
			2.					
			3.					
			4.					
PRE-EMPTION TYPE	NONE		OPERATIONAL COMMENTS					
DELAY TIME			1.					
PRE-EMPTION TIME			2.					
VOLUME LOGGING & MOES	ON		3.					
SCM	ON		4.					

PED PERMISSIVE	1	CYCLE (1 TO 8)							
		1	2	3	4	5	6	7	8
		92	92	92	92	92	92		
OFFSET (1 TO 4)		89	89	89	89	89	89		

TIME CLOCK SETTINGS						
TIME OF DAY	DAY OF WEEK	MAXPLAN (1 TO 8)	CYCLE (1 TO 8)	OFFSET (1 TO 8)	SERVICEPLAN (1 TO 8)	ADDITIONAL TIME CLOCK INFORMATION
0600 - 0900	MON - FRI	1	1	1		
0600 - 0900	MON - FRI	1	2	1		
0600 - 0900	MON - FRI	1	3	1		
0600 - 0900	MON - FRI	1	4	1		
0600 - 0900	MON - FRI	1	5	1		
0600 - 0900	MON - FRI	1	6	1		

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SIGNAL TIMING SHEET

DATE ISSUED	JANUARY 2, 2003	INTERSECTION	ROAD A AT ROAD B
CONTROLLER TYPE	LMD 8000	LOCATION	SOMEWHERE
CABINET TYPE	"S" RACK	SHEET NUMBER & REVISION	TE-12345-02
SEQUENCE	LEAD / LAG	SITE CODE	123

PHASE NUMBER	1	2	3	4	5	6	7	8
PHASE SETTING	ON	ON	ON	ON	ON	ON	ON	ON
DESCRIPTION	ROAD A WB LT (LEADING)	ROAD A EB	ROAD B NB LT	ROAD B SB	ROAD A EB LT (LAGGING)	ROAD A WB	ROAD B SB LT	ROAD B NB
FUNCTION	A2->	A1	B2->	B1	A1->	A2	B1->	B2
OVERLAP								
MINIMUM GREEN	6	10	6	7	6	10	6	7
PASSAGE	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
YELLOW	3.9	4.5	4.5	4.5	3.9	4.5	4.5	4.5
RED	1.0	1.2	1.2	1.2	1.0	1.2	1.2	1.2
MAX I/MAX II	15	40	10	20	15	40	10	20
MAXPLAN (1,2,3,4)	11 11 11 11	30 30 30 30	10 10 10 10	30 30 30 30	11 11 11 11	30 30 30 30	10 10 10 10	30 30 30 30
MAXPLAN (5,6,7,8)	11 11	30 30	10 10	30 30	11 11	30 30	10 10	30 30
WALK	----	7	----	7	----	7	----	7
PEDESTRIAN CLEAR	----	17	----	17	----	17	----	17
WALK	STEADY	STEADY	STEADY	STEADY	STEADY	STEADY	STEADY	STEADY
RECALL	OFF	EXT	OFF	OFF	OFF	EXT	OFF	OFF
MEMORY	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
COORDINATION ON PHASE		XXXX				XXXX		
FIRST GREEN DISPLAY			XXXX				XXXX	
INTERSECTION FLASH		RED		RED		RED		RED
AWF TIME [s]		5.1		5.1		5.1		5.1
AWF TIME [s] [CH1/CH2]		5.1		5.1		5.1		5.1
DELAY DETECTION TIMING	NONE		PROGRAMMING COMMENTS					
			1.					
			2.					
			3.					
			4.					
PRE-EMPTION TYPE	NONE		OPERATIONAL COMMENTS					
DELAY TIME			1.					
PRE-EMPTION TIME			2.					
VOLUME LOGGING & MOES	ON		3.					
SCM	ON		4.					

PED PERMISSIVE	17	CYCLE (1 TO 8)							
		1	2	3	4	5	6	7	8
		110	110	110	110	110	110		
OFFSET (1 TO 4)		50	50	50	50	50	50		

TIME CLOCK SETTINGS						
TIME OF DAY	DAY OF WEEK	MAXPLAN (1 TO 8)	CYCLE (1 TO 8)	OFFSET (1 TO 8)	SERVICEPLAN (1 TO 8)	ADDITIONAL TIME CLOCK INFORMATION
0600 - 0900	MON - FRI	1	1	1		
0600 - 0900	MON - FRI	1	2	1		
0600 - 0900	MON - FRI	1	3	1		
0600 - 0900	MON - FRI	1	4	1		
0600 - 0900	MON - FRI	1	5	1		
0600 - 0900	MON - FRI	1	6	1		

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SIGNAL TIMING SHEET

DATE ISSUED	JANUARY 2, 2003	INTERSECTION	ROAD A @ PED CROSSING
CONTROLLER TYPE	LMD 8000	LOCATION	SOMEWHERE
CABINET TYPE	"M" RACK	SHEET NUMBER & REVISION	TE-12345
SEQUENCE	PEDESTRIAN	SITE CODE	123

PHASE NUMBER	1	2	3	4	5	6	7	8
PHASE SETTING	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF
DESCRIPTION		ROAD A		PED				
FUNCTION		A		PED				
OVERLAP								
MINIMUM GREEN		----		----				
PASSAGE		----		----				
YELLOW		3.7		3.0				
RED		2.0		----				
MAX I/MAX II		----		----				
MAXPLAN (1,2,3,4)		-- -- -- --		-- -- -- --				
MAXPLAN (5,6,7,8)		-- -- -- --		-- -- -- --				
WALK		40		7				
PEDESTRIAN CLEAR		5		19				
WALK		FLASH		STEADY				
RECALL		CNA1		OFF				
MEMORY		OFF		OFF				
COORDINATION ON PHASE		XXXX						
FIRST GREEN DISPLAY		XXXX						
INTERSECTION FLASH		YELLOW						
AWF TIME [s]		5.1						
AWF TIME [s] [CH1/CH2]		5.1						
DELAY DETECTION TIMING	NONE		PROGRAMMING COMMENTS					
			1.					
			2.					
			3.					
			4.					
PRE-EMPTION TYPE	NONE		OPERATIONAL COMMENTS					
DELAY TIME			1.					
PRE-EMPTION TIME			2.					
VOLUME LOGGING & MOES	ON		3.					
SCM	ON		4.					

PED PERMISSIVE	1	CYCLE (1 TO 8)							
		1	2	3	4	5	6	7	8
		90	90	90	90	90	90		
OFFSET (1 TO 4)		87	40	40	40	40	40		

TIME CLOCK SETTINGS						
TIME OF DAY	DAY OF WEEK	MAXPLAN (1 TO 8)	CYCLE (1 TO 8)	OFFSET (1 TO 8)	SERVICEPLAN (1 TO 8)	ADDITIONAL TIME CLOCK INFORMATION
0600 - 1000	MON - FRI	1	1	1		
0600 - 1000	MON - FRI	1	2	1		
0600 - 1000	MON - FRI	1	3	1		
0600 - 1000	MON - FRI	1	4	1		
0600 - 1000	MON - FRI	1	5	1		
0600 - 1000	MON - FRI	1	6	1		

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