

TABLE 1 - PHASE FUNCTION, PHASE TIMING

0 + Key									
FUNCTION	K E Y	PHASE NUMBER USE CAD LIGHTS							
		1	2	3	4	5	6	7	8
Vehicle Recall	0								
Ped. Recall	1								
Red Lock	2								
Yellow Lock	3								
Permit Phase	4		X	X	X	X	X		
Ped. Phase	5								
Lead Phase	6	X	X	X	X	X	X		
Double Entry	7	X	X	X	X	X	X		
Seq. Timing	8								
Start-Up Green	9	X				X			
Overlap A	A								
Overlap B	B								
Overlap C	C								
Overlap D	D								
Exclusive Phase	E								
Simultaneous Gap	F	X	X	X	X	X	X		

Phase + Key									
FUNCTION	K E Y	PHASE							
		1	2	3	4	5	6	7	8
MAX. I	0		16		31		16		31
MAX. II/HFDW	1								
Walk	2								
Flash DW	3								
Maximum Initial	4								
Minimum Green	5		4		30		4		30
Time Before Reduc.	6								
Time to Reduce	7								
Gap Observe	8	///	///	///	///	///	///	///	///
Passage	9		3		3		3		3
Minimum Gap	A								
Added Actuation	B								
Yellow	C		4.5		4.2		4.5		4.2
Red Clear	D		2.2		2.1		2.2		2.1
Red Revert	E								
Walk II	F								

TABLE 2 - MISCELLANEOUS

9 + Key		
FUNCTION	K	VALUE
Short Power Down	0	
Long Power Down	1	
RR Delay Type	6	
Ped. Inhibit	7	
OLA Green	8	
OLA Yellow	9	
OLB Green	A	
OLB Yellow	B	
OLC Green	C	
OLC Yellow	D	
OLD Green	E	
OLD Yellow	F	

C + F + Key									
FUNCTION	K	V							
Page ID	0								
OLA Red	4								
OLB Red	5								
OLC Red	6								
OLD Red	7								
			1	2	3	4	5	6	7
Overlap E	8								
Overlap F	9								
Red Rest	A								
Maximum Recall	B				X			X	
Flash Green	C								
Flash Walk	D								
Advance Walk	E								
Restrictive Phase	F								

TABLE 3

E + Key									
FUNCTION	K	V							
OL Red Revert	8								
RR Delay	9								
RR Clear	A								
			1	2	3	4	5	6	7
RR Clear Phase	B								
RR Permit	C								
RR OL Permit	D								
NEMA Hold Phase	E								

C+ Key									
FUNCTION	K	V							
Trigs on Flash	8	2							
			1	2	3	4	5	6	7
Start Up Yellow	9								
Handicap Ped	E								

TABLE 4 - MODEL 332 CABINET DETECTOR MAP

The 332 cabinet has two input files: the top file is I, the bottom file is J.

D+ column + Key									
DETECTOR TYPE	DELAY				CARRYOVER				
	2	3	4	5	4	5	4	5	4
COLUMN NO.	KEY	CHANNEL	PHASE	TIME	PHASE	TIME	PHASE	TIME	PHASE
0	-----	1	1 E/C		5 E/C		1 E/C		5 E/C
1	Upper 9	1	1 E/C		5 E/C		1 E/C		5 E/C
2	Upper 2	2	2 E/C		6 E/C		2 E/C		6 E/C
3	Lower 2	2	2 E/C		6 E/C		2 E/C		6 E/C
4	Upper 3	2	2 E/C		6 E/C		2 E/C		6 E/C
5	Lower 3	///	///	///	///	2 Ext.	6 Ext.		
6	-----	4	2 Call		6 Call	///	///	///	///
7	-----	5	3 E/C		7 E/C		3 E/C		7 E/C
8	Lower 9	3	3 E/C		7 E/C		3 E/C		7 E/C
9	Upper 6	4	4 E/C		8 E/C		4 E/C		8 E/C
A	Lower 6	4	4 E/C		8 E/C		4 E/C		8 E/C
B	Upper 7	4	4 E/C		8 E/C		4 E/C		8 E/C
C	Lower 7	///	///	///	///	4 Ext.	8 Ext.		
D	-----	8	4 Call		8 Call	///	///	///	///
INPUT FILE		I			J		I		J

E/C = Extend and Call Ext. = Extend Only

D + 9 + 4 + 0	DETECTOR FAIL ON	
D + 9 + 4 + 1	DETECTOR FAIL OFF	

TABLE 5 - TIME CLOCK CONTROL

A + CODE												
EVENT NO.	S	M	T	W	T	F	S	HR	MIN	FUNC		
								80	81	82	83	
								84	85	86	87	
								88	89	8A	8B	
								8C	8D	8E	8F	
								90	91	92	93	
								94	95	96	97	
								98	99	9A	9B	
								9C	9D	9E	9F	
								A0	A1	A2	A3	
								A4	A5	A6	A7	

TABLE 6

B + 0 + Key									
FUNCTION	K	V							
Mode (0 - 4)	4								
Master (0 = OFF)	5								
			1	2	3	4	5	6	7
Future	C								
NEMA CNA Phase	D								
Adv Warning Phase	E								
MRI Phase	F								

TABLE 7 - COORDINATION TIMING

B + Plan + Key									
FUNCTION	K	PLAN							
		1	2	3	4				
Cycle Length	0								
Forceoff 01	1								
Forceoff 02	2								
Forceoff 03	3								
Forceoff 04	4								
Forceoff 05	5								
Forceoff 06	6								
Forceoff 07	7								
Forceoff 08	8								
Offset	9								
Perm. Length	A								
Max Dwell	B								

TABLE 8

B + A + Key									
FUNCTION	K	V							
Perm. 2 P1	9								
Perm. 2 P2	A								
Perm. 2 P3	B								
			1	2	3	4	5	6	7
Flash Yellow	C								
Flash Circuit	D								
TOD/DOW Ped	E								
OLB Switchpack	F								

B + B + Key									
FUNCTION	K	V							
Perm. 2 P4	9								
Perm. 2 P5	A								
Perm. 2 P6	B								
			1	2	3	4	5	6	7
OL Flash Yel.	C								
OL Flash Clear	D								
TOD/DOW Ped	E								
OLC Switchpack	F								

B +C + Key										
FUNCTION	K	V								
Perm. 2 P7	9									
Perm. 2 P8	A		Phase No.							
Perm. 2 P9	B		Use CAD Lts.							
			1	2	3	4	5	6	7	8
Coord Max	C									
T00 Red Rest	D									
OLA Switchpack	E									
OLD Switchpack	F									