

I:\2400 AM
06/06/03
J:\Land Projects\01-459\dwg\Transportation\Plan Insert Sheets\203322-WapitiTiming.dgn

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	
Ped. Phase	5						
Lead Phase	6	X	X	X	X	X	
Double Entry	7	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	

Phase + Key							
FUNCTION	K E Y	PHASE					
		1	2	3	4	5	6 7 8
MAX. I	0		16		31		16 7 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 8	
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	
		Phase No. Use CAD Lts.
	1 2 3 4 5 6 7 8	
RR Clear Phase	B	
RR Permit	C	
RR OL Permit	D	
NEMA Hold Phase	E	

C+ Key				
FUNCTION	K	V	Phase No. Use CAD Lts.	
Trigs on Flash	8	2		
			1 2 3 4 5 6 7 8	
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	
COLUMN NO.		2	3	4	5		
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 E/C	5 E/C	1 E/C	5 E/C		
2	Upper 2	2 E/C	6 E/C	2 E/C	6 E/C		
3	Lower 2	2 E/C	6 E/C	2 E/C	6 E/C		
4	Upper 3	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 E/C	7 E/C	3 E/C	7 E/C		
9	Upper 6	4 E/C	8 E/C	4 E/C	8 E/C		
A	Lower 6	4 E/C	8 E/C	4 E/C	8 E/C		
B	Upper 7	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
	1	2	3	4	5	6	7		
								81	82
								85	86
								89	8A
								8D	8E
								91	92
								95	96
								99	9A
								9D	9E
								A1	A2
								A5	A6

TABLE 6

B + 0 + Key		
FUNCTION	K	V
Mode (0 - 4)	4	
Master (0 = OFF)	5	
		Phase No. Use CAD Lts.
	1 2 3 4 5 6 7 8	
Future	C	
NEMA CNA Phase	D	
Adv Warning Phase	E	
MRI Phase	F	

TABLE 9 - INPUT REASSIGNMENT

A+ 4 + Key		
CI PIN	K	CODE
39 0		55 0
40 1		56 1
41 2		57 2
42 3		58 3
43 4		59 4
44 5		60 5
45 6		61 6
46 7		62 7
47 8		8
48 9		9
49 A		A
50 B		B
51 C		63 C
52 D		64 D
53 E		65 E
54 F		66 F

A+ 5 + Key		
CI PIN	K	CODE
55 0		67 0
56 1		68 1
57 2		69 2
58 3		70 3
59 4		71 4
60 5		72 5
61 6		73 6
62 7		74 7
8		75 8
9		76 9
A		77 A
B		78 B
63 C		79 C
64 D		80 D
65 E		81 E
66 F		82 F

A+ 6 + Key		
CI PIN	K	CODE
67 0		
68 1		
69 2		
70 3		
71 4		
72 5		
73 6		
74 7		
75 8		
76 9		
77 A		
78 B		
79 C		
80 D		
81 E		
82 F		

TABLE 10 - OUTPUT REASSIGNMENT

A+ 0 + Key		
FUNCTION	K	CODE
04 D/W	0	
04 WALK	1	
04 RED	2	
04 YEL	3	
04 GRN	4	
03 RED	5	
03 YEL	6	
03 GRN	7	
02 D/W	8	
02 WALK	9	
02 RED	A	
02 YEL	B	
02 GRN	C	
01 RED	D	
01 YEL	E	
01 GRN	F	

A+ 1 + Key		
FUNCTION	K	CODE
08 D/W	0	
08 WALK	1	
08 RED	2	
08 YEL	3	
08 GRN	4	
07 RED	5	
07 YEL	6	
07 GRN	7	
06 D/W	8	
06 WALK	9	
06 RED	A	
06 YEL	B	
06 GRN	C	
05 RED	D	
05 YEL	E	
05 GRN	F	

A+ 2 + Key		
FUNCTION	K	CODE
02 PED Y	0	
06 PED Y	1	
04 PED Y	2	
08 PED Y	3	
03 PED Y	4	
01 PED Y	5	
FLASH	6	
WATCHDOG	7	
03 D/W	8	
03 WALK	9	
OLD RED	A	
OLD YEL	B	
OLD GRN	C	
OLC RED	D	
OLC YEL	E	
OLC GRN	F	

A+ 3 + Key		
FUNCTION	K	CODE
01 D/W	0	
01 WALK	1	
01B RED	2	
01B YEL	3	
01B GRN	4	
01A RED	5	
01A YEL	6	
01A GRN	7	
8		
SD	9	
LTT	A	

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							

B + Plan + Key		
FUNCTION	K	V
Lead Ph. S	C	
Coord. Ph. S	D	
Perm. 2 Ph. S	E	
Min. Recall	F	

PLAN 1								
FUNCTION	K	1	2	3	4	5	6	7 8
Lead Ph. S	C							
Coord. Ph. S	D							
Perm. 2 Ph. S	E							
Min. Recall	F							

PLAN 2								
FUNCTION	K	1	2	3	4	5	6	7 8
Lead Ph. S	C							
Coord. Ph. S	D							
Perm. 2 Ph. S	E							
Min. Recall	F							

PLAN 3								
FUNCTION	K	1	2	3	4	5	6	7 8
Lead Ph. S	C							
Coord. Ph. S	D							
Perm. 2 Ph. S	E							
Min. Recall	F							

PLAN 4								
FUNCTION	K	1	2	3	4	5	6	7 8
Lead Ph. S	C							
Coord. Ph. S	D							
Perm. 2 Ph. S	E							
Min. Recall	F							

TABLE 8

B + A + Key		
FUNCTION	K	V
Perm. 2 P1	9	
Perm. 2 P2	A	
Perm. 2 P3	B	
		Phase No. Use CAD Lts.
	1 2 3 4 5 6 7 8	
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	
		Phase No. Use CAD Lts.
	1 2 3 4 5 6 7 8	
OL Flash Yel.	C	
OL Flash Clear	D	
TOD/DOW Ped	E	
OLC Switchpack	F	

B + C + Key		
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