1 - University Blvd.@Dad Clark Dr.
Table 1 - Timing and Functions Page 0
3/23/2010
7:57 AM

0 + Key			Phase + Key					Phase				
FUNCTION	KEY	12345678	FUNCTION	KEY	Ph 1	Ph 2	Ph 3	Ph 4	Ph 5	Ph 6	Ph 7	Ph 8
Vehicle Recall	0	2 6	Max I	0	0	50	0	35	30	50	0	0
Ped Recall	1		Max II/HFDW	1	0	25	0	15	15	25	0	0
Red Lock	2		Walk	2	0	0	0	5	0	5	0	0
Yellow Lock	3		Flashing DW	3	0	0	0	27	0	18	0	0
Permits	4	2 456	Max Initial	4	0	0	0	0	0	0	0	0
Ped Phases	5	4 6	Min Green	5	0	25	0	5	5	25	0	0
Lead Phases	6	1 3 5 7	TBR	6	0	0	0	0	0	0	0	0
Double Entry	7		TTR	7	0	0	0	0	0	0	0	0
Sequential Timing	8		Observe Gap	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup Green	9		Passage	9	0.0	3.0	0.0	2.0	1.5	3.0	0.0	0.0
Overlap A	A		Min Gap	A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overlap B	B		Added Actuation	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overlap C	C		Yellow	C	0.0	4.0	0.0	3.0	3.0	4.0	0.0	0.0
Overlap D	D		Red Clear	D	0.0	2.0	0.0	2.0	2.0	2.0	0.0	0.0
Exclusive	E		Red Revert	E	0.0	5.0	0.0	5.0	5.0	5.0	0.0	0.0
Simultaneous Gap	F	2 6	Walk II	F	0	0	0	0	0	0	0	0

1 - University Blvd.@Dad Clark Dr.
Table 2 - Overlaps Page 0
3/23/2010
7:57 AM

9 + Key			C + F + Key		
FUNCTION	KEY	VALUE	FUNCTION	KEY	VALUE
Short Power Down	0	1	Page ID	0	0
Long Power Down	1	4	Reserved	1	0
EVA Delay Type	2	0	Reserved	2	0
EVB Delay Type	3	0	Reserved	3	0
EVC Delay Type	4	0	OLA Red	4	0.0
EVD Delay Type	5	0	OLB Red	5	0.0
RR Delay Type	6	0	OLC Red	6	0.0
Ped Inhibit	7	0	OLD Red	7	0.0
OLA Green	8	0.0			12345678
OLA Yellow	9	0.0	Overlap E	8	
OLB Green	A	0.0	Overlap F	9	
OLB Yellow	B	0.0	Red Rest	A	
OLC Green	C	0.0	Max Recall	B	
OLC Yellow	D	0.0	Flash Green	C	
OLD Green	E	0.0	Flash Walk	D	
OLD Yellow	F	0.0	Advance Walk	E	
			Restrictive Phase	F	

1 - University Blvd.@Dad Clark Dr.
Table 2 - Overlaps Page 1
3/23/2010
7:57 AM

D + C + 9 + Key			D + C + B + Key		
FUNCTION	KEY	VALUE	FUNCTION	KEY	VALUE
Short Power Down	0	1	Page ID	0	1
Long Power Down	1	4	Reserved	1	0
EVA Delay Type	2	0	Reserved	2	0
EVB Delay Type	3	0	Reserved	3	0
EVC Delay Type	4	0	OLA Red	4	0.0
EVD Delay Type	5	0	OLB Red	5	0.0
RR Delay Type	6	0	OLC Red	6	0.0
Ped Inhibit	7	0	OLD Red	7	0.0
OLA Green	8	0.0			12345678
OLA Yellow	9	0.0	Overlap E	8	
OLB Green	A	5.0	Overlap F	9	
OLB Yellow	B	0.5	Red Rest	A	
OLC Green	C	5.0	Max Recall	B	
OLC Yellow	D	0.0	Flash Green	C	
OLD Green	E	0.0	Flash Walk	D	
OLD Yellow	F	0.0	Advance Walk	E	
			Restrictive Phase	F	

1 - University Blvd.@Dad Clark Dr.
Table 2 - Overlaps Page 2
3/23/2010
7:57 AM

D + D + 9 + Key			D + D + B + Key		
FUNCTION	KEY	VALUE	FUNCTION	KEY	VALUE
Short Power Down	0	1	Page ID	0	2
Long Power Down	1	4	Reserved	1	0
EVA Delay Type	2	0	Reserved	2	0
EVB Delay Type	3	0	Reserved	3	0
EVC Delay Type	4	0	OLA Red	4	0.0
EVD Delay Type	5	0	OLB Red	5	0.0
RR Delay Type	6	0	OLC Red	6	0.0
Ped Inhibit	7	0	OLD Red	7	0.0
OLA Green	8	0.0			12345678
OLA Yellow	9	0.0	Overlap E	8	
OLB Green	A	5.0	Overlap F	9	
OLB Yellow	B	0.5	Red Rest	A	
OLC Green	C	5.0	Max Recall	B	
OLC Yellow	D	0.0	Flash Green	C	
OLD Green	E	0.0	Flash Walk	D	
OLD Yellow	F	0.0	Advance Walk	E	
			Restrictive Phase	F	

1 - University Blvd.@Dad Clark Dr.
Table 3 - Preempts
3/23/2010
7:57 AM

C + Key			E + Key		
FUNCTION	KEY	VALUE	FUNCTION	KEY	VALUE
Year	0	0	EVA Delay	0	0
Month	1	0	EVA Minimum	1	5
Day of Month	2	0	EVB Delay	2	0
		1234567	EVB Minimum	3	5
Day of Week	3		EVC Delay	4	0
		VALUE	EVC Minimum	5	5
Hour	4	0	EVD Delay	6	0
Minute	5	0	EVD Minimum	7	5
Second	6	0	OL Red Revert	8	5
Reserved	7	0	RR Delay	9	0
Triggers On In Flash	8	0	RR Clear	A	0
		12345678			12345678
Startup Yellow	9		RR Clear Phases	B	
EVA Phases	A	2 5	RR Permit	C	
EVB Phases	B	4	RR OL Permit	D	
EVC Phases	C	6	NEMA Hold Phases	E	
EVD Phases	D		Reserved	F	
Handicap Ped	E				
Reserved	F				

1 - University Blvd.@Dad Clark Dr.
Table 4 - Detectors Timing
3/23/2010
7:57 AM

D + Col + Key									
Detector Type			Delay				Carryover		
Column Number			2		3		4		5
KEY	CHANNEL (#)	PH	TIME	PH	TIME	PH	TIME	PH	TIME
0	BOTH (1)	1	0.0	5	0.0	1	0.0	5	0.0
1	UPPER (9)	1	0.0	5	0.0	1	0.0	5	0.0
2	UPPER (2)	2	0.0	6	0.0	2	0.0	6	0.0
3	LOWER (2)	2	0.0	6	0.0	2	0.0	6	0.0
4	UPPER (3)	2	0.0	6	0.0	2	0.0	6	0.0
5	LOWER (3)		0.0		0.0	2	0.0	6	0.0
6	BOTH (4)	2	0.0	6	0.0	2*	0.0	6*	0.0
7	BOTH (5)	3	0.0	7	0.0	3	0.0	7	0.0
8	LOWER (9)	3	0.0	7	0.0	3	0.0	7	0.0
9	UPPER (6)	4	12.5	8	0.0	4	0.0	8	0.0
A	LOWER (6)	4	0.0	8	0.0	4	0.0	8	0.0
B	UPPER (7)	4	0.0	8	0.0	4	0.0	8	0.0
C	LOWER (7)		0.0		0.0	4	0.0	8	0.0
D	BOTH (8)	4	0.0	8	0.0	4*	0.0	8*	0.0
E	Reserved		0		0		0		0
F	Reserved		0		0		0		0
Note: # = Slot Number, * = Set Type 3 Detector									

1 - University Blvd.@Dad Clark Dr.
Table 4 - Detectors Diagnostics
3/23/2010
7:57 AM

D + 9 + 4 + Key			D + 9 + 5 + Key		
FUNCTION	KEY	VALUE	FUNCTION	KEY	VALUE
Detector Fail On	0	0	DF 01 Min	0	0
Detector Fail Off	1	0	DF 02 Min	1	0
Fail Detector Backup	2	0	DF 03 Min	2	0
Max II In Delay	3	0	DF 04 Min	3	0
Max II In Carryover	4	0	DF 05 Min	4	0
Plan 9 In Delay	5	0	DF 06 Min	5	0
Plan 9 In Carryover	6	0	DF 07 Min	6	0
Plan 18 In Delay	7	0	DF 08 Min	7	0
Plan 18 In Carryover	8	0	DF 01 Max	8	0
TT Page 1 Delay	9	0	DF 02 Max	9	0
TT Page 1 Carryover	A	0	DF 03 Max	A	0
TT Page 2 Delay	B	0	DF 04 Max	B	0
TT Page 2 Carryover	C	0	DF 05 Max	C	0
NOVRAM	D	1	DF 06 Max	D	0
ACT Protocol	E	213	DF 07 Max	E	0
Release	F	0	DF 08 Max	F	0

1 - University Blvd.@Dad Clark Dr.
Table 5 - TOD/DOW Events 1-32
3/23/2010
7:57 AM

A + Code											
EVENT	1234567	HOUR	MIN	FUNC	CODE	EVENT	1234567	HOUR	MIN	FUNC	CODE
1		0	0	0	80-83	17		23	30	33	C0-C3
2		0	0	0	84-87	18		5	0	32	C4-C7
3	23456	6	0	1	88-8B	19		0	0	0	C8-CB
4	23456	9	30	3	8C-8F	20		0	0	0	CC-CF
5	23456	15	30	2	90-93	21		0	0	0	D0-D3
6	23456	19	0	3	94-97	22		0	0	0	D4-D7
7	23456	22	0	20	98-9B	23		0	0	0	D8-DB
8		0	0	0	9C-9F	24		0	0	0	DC-DF
9	1 7	8	0	4	A0-A3	25		0	0	0	E0-E3
10	1 7	22	0	20	A4-A7	26		0	0	0	E4-E7
11		0	0	0	A8-AB	27		0	0	0	E8-EB
12		0	0	0	AC-AF	28		0	0	0	EC-EF
13		0	0	0	B0-B3	29		0	0	0	F0-F3
14		0	0	0	B4-B7	30		0	0	0	F4-F7
15		0	0	0	B8-BB	31		0	0	0	F8-FB
16		0	0	0	BC-BF	32		0	0	0	FC-FF

1 - University Blvd.@Dad Clark Dr.
Table 6 - Coordination Functions
3/23/2010
7:57 AM

B + 0 + Key			D + Key		
FUNCTION	KEY	VALUE	FUNCTION	KEY	VALUE
Present Plan	0	0	Floating Ped	2E	0
TOD/DOW Plan	1	0	ID Number	2F	1
Hardwire Plan	2	0	No Coord Ped Recall	3E	1
Modem Plan	3	0	Rest In Walk	3F	0
Mode (0-4)	4	1	Adv Warning EOG	4E	0
Master (0 = Off)	5	0	Adv Warning SOG	4F	0
Master Clock	6	0	RR Red Clear	5E	0
Local Clock	7	0	RR Clear Color	5F	0
Dwell Clock	8	89	Bus Delay	6D	0.0
Reserved	9	0	Bus Free T1	6E	0
Reserved	A	0	Bus Free T3	6F	0
Reserved	B	0	EV Min After Clear	7E	0
		12345678	EV Indicators	7F	0
Reserved	C		NEMA Inputs	66	0.0
NEMA CNA Phase	D		Reserved		0
Adv Warning Phase	E		Reserved		0
MRI Phase	F	45			

1 - University Blvd.@Dad Clark Dr.
Table 7 - Coordination Plans 1-9
3/23/2010
7:57 AM

B + Plan + Key						Plan				
FUNCTION	KEY	Plan 1	Plan 2	Plan 3	Plan 4	Plan 5	Plan 6	Plan 7	Plan 8	Plan 9
Cycle Length	0	100	120	120	100	0	0	0	0	0
Forceoff Phase 1	1	0	0	0	0	0	0	0	0	0
Forceoff Phase 2	2	0	0	0	0	0	0	0	0	0
Forceoff Phase 3	3	0	0	0	0	0	0	0	0	0
Forceoff Phase 4	4	25	27	26	27	0	0	0	0	0
Forceoff Phase 5	5	45	50	51	50	0	0	0	0	0
Forceoff Phase 6	6	0	0	0	0	0	0	0	0	0
Forceoff Phase 7	7	0	0	0	0	0	0	0	0	0
Forceoff Phase 8	8	0	0	0	0	0	0	0	0	0
Offset	9	89	107	12	89	0	0	0	0	0
Permissive Length	A	1	1	1	1	0	0	0	0	0
Max Dwell	B	34	41	34	34	0	0	0	0	0
		12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678
Lead Phases	C	1 3 5 7	1 3 5 7	1 3 5 7	1 3 5 7					
Coord Phases	D	2 6	2 6	2 6	2 6					
Perm 2 Phases	E									
Min Recall	F									

1 - University Blvd.@Dad Clark Dr.
Table 12 - TOY Events
3/23/2010
7:57 AM

D + 8 + 0 + Key			D + 8 + 1 + Key			D + 8 + 2 + Key			D + 8 + 3 + Key		
FUNCTION	KEY	VALUE	FUNCTION	KEY	VALUE	FUNCTION	KEY	VALUE	FUNCTION	KEY	VALUE
1 - Month	0	0	3 - Hour On	0	0	5 - Hour Off	0	0	7 - Plan	0	0
1 - Day of Month	1	0	3 - Minute On	1	0	5 - Minute Off	1	0	8 - Month	1	0
1 - Hour On	2	0	3 - Hour Off	2	0	5 - Plan	2	0	8 - Day of Month	2	0
1 - Minute On	3	0	3 - Minute Off	3	0	6 - Month	3	1	8 - Hour On	3	0
1 - Hour Off	4	0	3 - Plan	4	0	6 - Day of Month	4	2	8 - Minute On	4	0
1 - Minute Off	5	0	4 - Month	5	0	6 - Hour On	5	6	8 - Hour Off	5	0
1 - Plan	6	0	4 - Day of Month	6	0	6 - Minute On	6	0	8 - Minute Off	6	0
2 - Month	7	0	4 - Hour On	7	0	6 - Hour Off	7	21	8 - Plan	7	0
2 - Day of Month	8	0	4 - Minute On	8	0	6 - Minute Off	8	0	9 - Month	8	0
2 - Hour On	9	0	4 - Hour Off	9	0	6 - Plan	9	1	9 - Day of Month	9	0
2 - Minute On	A	0	4 - Minute Off	A	0	7 - Month	A	0	9 - Hour On	A	0
2 - Hour Off	B	0	4 - Plan	B	0	7 - Day of Month	B	0	9 - Minute On	B	0
2 - Minute Off	C	0	5 - Month	C	0	7 - Hour On	C	0	9 - Hour Off	C	0
2 - Plan	D	0	5 - Day of Month	D	0	7 - Minute On	D	0	9 - Minute Off	D	0
3 - Month	E	0	5 - Hour On	E	0	7 - Hour Off	E	0	9 - Plan	E	0
3 - Day of Month	F	0	5 - Minute On	F	0	7 - Minute Off	F	0	Reserved	F	0

1 - University Blvd.@Dad Clark Dr.
Table 13 - Additional Overlaps
3/23/2010
7:57 AM

D + 9 + 0 + Key			D + 9 + 3 + Key			E + F + Key		
FUNCTION	KEY	12345678	FUNCTION	KEY	VALUE	FUNCTION	KEY	VALUE
Overlap H	0		OLH Green	0	0.0	RR Max II	0	0
Overlap J	1		OLH Yellow	1	0.0	Ped Perm Plan 1	1	0
Overlap K	2		OLH Red	2	0.0	Ped Perm Plan 2	2	0
Overlap L	3		OLJ Green	3	0.0	Ped Perm Plan 3	3	0
OLH Switchpack	4		OLJ Yellow	4	0.0	Ped Perm Plan 4	4	0
OLJ Switchpack	5		OLJ Red	5	0.0	Ped Perm Plan 5	5	0
OLK Switchpack	6		OLK Green	6	0.0	Ped Perm Plan 6	6	0
OLL Switchpack	7		OLK Yellow	7	0.0	Ped Perm Plan 7	7	0
Reserved	8		OLK Red	8	0.0	Ped Perm Plan 8	8	0
Reserved	9		OLL Green	9	0.0	Ped Perm Plan 9	9	0
Reserved	A		OLL Yellow	A	0.0	Long Power Outs	A	0
Reserved	B		OLL Red	B	0.0	Short Power Outs	B	0
Reserved	C		Reserved	C	0	Failed Detectors	C	0
Reserved	D		Reserved	D	0	Max II On	D	0
Reserved	E		Reserved	E	0	No Daylight Savings	E	1
Reserved	F		Reserved	F	0	Revision Level	F	14