

INTERSECTION:LCDOT CS2a
 PRINTED BY: j.effinger

CONTROLLER TYPE: Econolite/ASC2

1. CONFIGURATION SUBMENU

1. CONTROLLER SEQUENCE

PRIORITY	1	2	3	4	5	6	7	8	9	10	11	12
RING1	1	2	3	4	9	10	0	0	0	0	0	0
RING2	5	6	7	8	11	12	0	0	0	0	0	0
CG			X		X		X					

2. PHASES IN USE

PHASE NUMBER												
	1	2	3	4	5	6	7	8	9	10	11	12
PHASES IN USE	X	X	X	X	X	X	X	X				
EXCLUSIVE PED												

3. PHASE TO LOAD SWITCH (MMU) ASSIGNMENT

LSMMU ¹	SDG ²		LSMMU ¹	SDG ²	
	PH/OLAP	PED		CHANNEL	PH/OLAP
1	1		9	2	X
2	2		10	4	X
3	3		11	6	X
4	4		12	8	X
5	5		13	A	
6	6		14	B	
7	7		15	C	
8	8		16	D	

¹LOAD SWITCH (MMU)

²SIGNAL DRIVER GROUP

4. SDLC OPTIONS/ENABLES

	BIU NUMBER									
	1	2	3	4	5	6	7	8	9	10
TERM & FACIL	X	X								
DET RACK	X									
TYPE 2 RUNS AS TYPE 1										
MMU DISABLE										
DIAGNOSTIC ENABLE (TEST FIXTURE)										
PEER TO PEER ENABLE										
PEER TO PEER ADDRESS:										
1)	255	2)	255	3)	255	4)	255	5)	255	
6)	255	7)	255	8)	255	9)	255	10)	255	

5. PORT2 CONFIGURATION

PORT2 PROTOCOL	Telemetry
PORT2 ENABLE	Yes
NTCIP ADDRESS	0
NTCIP GROUP ADDRESS	0
NTCIP RESPONSE DELAY	0
NTCIP SINGLE FLAG ENABLE	NO
NTCIP DROP-OUT TIME	0
NTCIP BACKUP TIME	0

6. PORT3 CONFIGURATION

PORT3 PROTOCOL	NTCIP
PORT3 ENABLE	Yes
TELEMETRY ADDRESS	0
SYSTEM DETECTOR 9-16 ADDRESS	0
TELEMETRY RESPONSE DELAY	0
DUPLEX - HALF OR FULL	FULL
MODEM DATA RATE (BPS)	9600
DATA, PARITY, STOP	8, N, 1
NTCIP ADDRESS	12
NTCIP GROUP ADDRESS	0
NTCIP RESPONSE DELAY	0
NTCIP SINGLE FLAG ENABLE	No
NTCIP DROP-OUT TIME	50
NTCIP BACKUP TIME	0
ADDITIONAL SCREENS(S)	

7. ENABLE EVENT LOGS

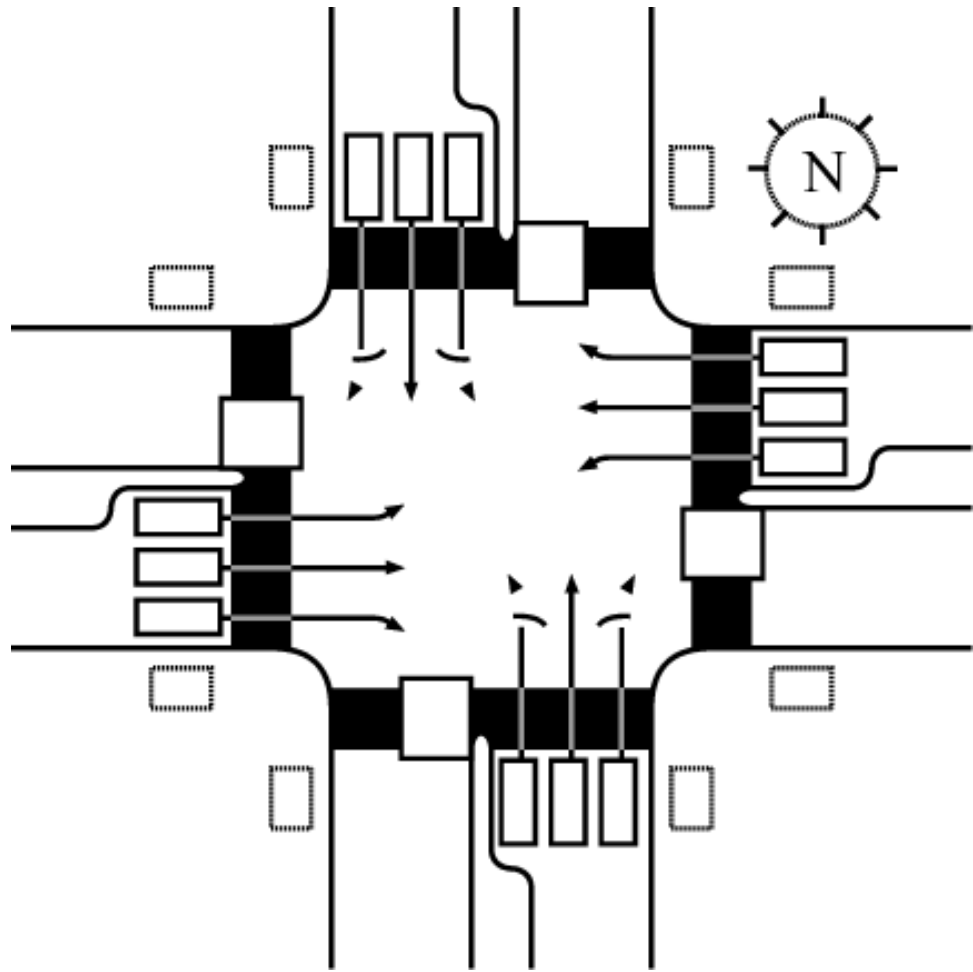
CRITICAL RFE'S (MMU/TF)	X
NON-CRITICAL RFE'S (DET/TEST)	X
DETECTOR ERRORS	X
COORDINATION ERRORS	X
MMU FLASH FAULTS	X
LOCAL FLASH FAULTS	X
PREEMPT	X
POWER ON/OFF	X
LOW BATTERY	X
SPARE	
ALARM 1	X
ALARM 2	X
ALARM 3	
ALARM 4	
ALARM 5	
ALARM 6	
ALARM 7	
ALARM 8	
ALARM 9	
ALARM 10	
ALARM 11	
ALARM 12	
ALARM 13	
ALARM 14	
ALARM 15	
ALARM 16	

8. OPTIONS

SUPERVISOR ACCESS CODE	
DATA CHANGE ACCESS CODE	
KEY CLICK ENABLE	
BACKLIGHT ENABLE	

9. MMU PROGRAM
CAN SERVE WITH

	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2
1						X					X	X			
2						X		X			X	X			
3					X				X	X					
4					X		X		X	X					
5								X							
6						X		X							
7							X								
8					X		X								
9						X									
10					X										
11															
12															
13															
14															
15															



2. CONTROLLER SUBMENU

1. CONTROLLER TIMING DATA

PHASE	1	2	3	4	5	6	7	8	9	10	11	12
MIN GRN	3	15	3	5	3	15	3	5	0	0	0	0
BIKE GRN	0	0	0	0	0	0	0	0	0	0	0	0
CS MGRN	0	0	0	0	0	0	0	0	0	0	0	0
WALK	0	7	0	7	0	7	0	7	0	0	0	0
PED CLR	0	20	0	20	0	20	0	20	0	0	0	0
VEH EXT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VEH EXT 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX EXT	0	5	0	0	0	5	0	0	0	0	0	0
MAX1	10	40	15	15	10	40	15	15	0	0	0	0
MAX2	10	40	15	15	10	40	15	15	0	0	0	0
MAX3	0	50	0	0	0	50	0	0	0	0	0	0
DET MAX	0	0	0	0	0	0	0	0	0	0	0	0
YELLOW	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0	3.0	3.0	3.0	3.0
RED CLR	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	0.0	0.0	0.0	0.0
RED RVT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACT B4	0	0	0	0	0	0	0	0	0	0	0	0
SEC/ACT	0.0	2.2	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0
MAX INI	0	30	0	0	0	30	0	0	0	0	0	0
TIME B4	0	0	0	0	0	0	0	0	0	0	0	0
CARS WT	0	0	0	0	0	0	0	0	0	0	0	0
TTREDUC	0	0	0	0	0	0	0	0	0	0	0	0
MIN GAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2. PHASE OVERLAP ASSIGNMENTS

OVERLAP CONSISTS OF PHASES:												
OVLP PHASE	1	2	3	4	5	6	7	8	9	10	11	12
1	X											
2		X										
3			X									
4				X								
5					X							
6						X						
7							X					
8								X				
9									X			
10										X		
11											X	
12												X

3. PED TIMING CARRYOVER

PHASE	CARRYOVR PHS	PHASE	CARRYOVR PHS
1	0	7	0
2	0	8	0
3	0	9	0
4	0	10	0
5	0	11	0
6	0	12	0

4. CONTROLLER RECALL DATA

PHASE	1	2	3	4	5	6	7	8	9	10	11	12
LOCKING MEMORY												
VEHICLE RECALL		X				X						
PED RECALL												
RECALL TO MAX												
SOFT RECALL												
DON'T REST HERE												
PED DARK N/CALL												

5. CONTROLLER OVERLAP DATA

OVERLAP A	1	2	3	4	5	6	7	8	9	10	11	12
STANDARD												
PROTECTED												
PERMITTED												
ENABLE LAG												
ENABLE LEAD												
SPARE												
ADVANCE GREEN TIMER												0.0
LAG/LEAD GREEN TIMER												0.0
LAG/LEAD YELLOW TIMER												0.0
LAG/LEAD RED TIMER												0.0
OVERLAP B	1	2	3	4	5	6	7	8	9	10	11	12
STANDARD												
PROTECTED												
PERMITTED												
ENABLE LAG												
ENABLE LEAD												
SPARE												
ADVANCE GREEN TIMER												0.0
LAG/LEAD GREEN TIMER												0.0
LAG/LEAD YELLOW TIMER												0.0
LAG/LEAD RED TIMER												0.0
OVERLAP C	1	2	3	4	5	6	7	8	9	10	11	12
STANDARD												
PROTECTED												
PERMITTED												
ENABLE LAG												
ENABLE LEAD												
SPARE												
ADVANCE GREEN TIMER												0.0
LAG/LEAD GREEN TIMER												0.0
LAG/LEAD YELLOW TIMER												0.0
LAG/LEAD RED TIMER												0.0
OVERLAP D	1	2	3	4	5	6	7	8	9	10	11	12
STANDARD												
PROTECTED												
PERMITTED												
ENABLE LAG												
ENABLE LEAD												
SPARE												
ADVANCE GREEN TIMER												0.0
LAG/LEAD GREEN TIMER												0.0
LAG/LEAD YELLOW TIMER												0.0
LAG/LEAD RED TIMER												0.0

PED OVERLAP ASSIGNMENTS - OVERLAP CONSISTS OF PHASES:												
OVLP PHASE	1	2	3	4	5	6	7	8	9	10	11	12
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

6. CONTROLLER START/FLASH DATA

PHASE	1	2	3	4	5	6	7	8	9	10	11	12
POWER START		X				X						
EXTERNAL START												
ENTRY REM FLASH		X				X						
EXIT REM FLASH		X				X						
REM FLASH YELLOW												
FL TOGETHER PHS												
FL TOGETHER OVLPS	A:			B:			C:			D:		
STARTUP INTERVAL RING 1									YELLOW			
STARTUP INTERVAL RING 2									YELLOW			
POWER START ALL RED TIME									0			
POWER START FLASH TIME									0			
REMOTE FLASH OPTIONS:												
OUT OF FLASH YELLOW									X			
OUT OF FLASH ALL RED												
MINIMUM RECALL												
SPARE												
FLASH THRU LOAD SWITCHES												
CYCLE THROUGH PHASES												
YELLOW FLASH MAIN STREET												

7. NO SERVER PHASES

CANNOT SERVER WITH:											
PHASE	12	11	10	9	8	7	6	5	4	3	2
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											

8. DIMMING

LOAD SWITCH	1	2	3	4	5	6	7	8
DIM GRN/WLK								
DIM YEL/PC								
DIM RED/DW								
LOAD SWITCH	9	10	11	12	13	14	15	16
DIM GRN/WLK								
DIM YEL/PC								
DIM RED/DW								

9. CONTROLLER OPTION DATA

PHASE	1	2	3	4	5	6	7	8	9	10	11	12
GUAR PASSAGE												
NONACTUATED I		X				X						
NONACTUATED II				X				X				
DUAL ENTRY		X		X		X		X				
COND SERVICE												
COND RESERVICE												
REST IN WALK												
FLASHING WALK												
FIVE SECTION LEFT TURN HEADS												
5-2	X		7-4		X		1-6			X		
3-8	X		11-10				9-12					
DUAL ENTRY			X	RESERVED								
COND SERVICE ENABLE					BACKUP PROTECTION GRP 1				X			
COND SERVICE DET X SWITCH					BACKUP PROTECTION GRP 2				X			
PED CLR PROTECT					BACKUP PROTECTION GRP 3							
SPEC PREPMT OVLP FLASH					SIMULTANEOUS GAP GROUP 1				X			
LOCK DET IN RED ONLY					SIMULTANEOUS GAP GROUP 2				X			
RESERVED					SIMULTANEOUS GAP GROUP 3							

3. COORDINATOR SUBMENU

1. COORDINATOR OPTIONS

SPLIT UNITS	PERCENT	ACT CRD PHASE				X
OFFSET UNITS	SECONDS	ACT WALK/REST				
INTERCNT FMT	STANDARD	INHIBIT MAX				X
INTERCNT SRC	NIC	MAX2 SELECT				
RESYNC COUNT	3	MULTISYNC				
TRANSITION	SMOOTH	FLOAT FORCE OFF				
DWELL PERIOD	0					
	A	B	C	D	E	F
FREE ALTERNATE SEQUENCE						

2. COORD MANUAL AND SPLIT DEMAND

MANUAL ENABLE	MANUAL PATTERN				0							
SPLIT DEMAND:	DEMAND 1				DEMAND 2							
DEMAND CALL TIME	0				0							
DEMAND CYCLE COUNT	0				0							
DEMAND PHASES	1	2	3	4	5	6	7	8	9	10	11	12
DEMAND 1 PHASE												
DEMAND 2 PHASE												

3. COORD AUTO PERM MIN GREEN

PHASE	AUTO PERM MIN GRN	PHASE	AUTO PERM MIN GRN
1	0	7	0
2	0	8	0
3	0	9	0
4	0	10	0
5	0	11	0
6	0	12	0

4. PATTERN DATA

COORD PATTERN	1		OFFSET	95								
CYCLE LENGTH	100		C/O/S	111								
SPLITS:												
1)	16	2)	51	3)	13	4)	20					
5)	13	6)	54	7)	13	8)	20					
9)	0	10)	0	11)	0	12)	0					
VEH PERMISSIVE	[1] 0		[2] 0									
VEH PERM 2 DISP	0											
PHASE RESERVICE												
SPLIT EXTENSION/RING	[1] 0		[2] 0									
SPL DMD PATTERN	[1] 0		[2] 0									
XARTERY PATTERN												
PHASE	1	2	3	4	5	6	7	8	9	10	11	12
COORD PHASES		X				X						
VEHICLE RECALL												
VEH MAX RECALL												
PED RECALL												
PHASE OMIT												
	A	B	C	D	E	F						
ALT SEQUENCE												

COORD PATTERN	2		OFFSET	22								
CYCLE LENGTH	140		C/O/S	211								
SPLITS:												
1)	17	2)	58	3)	9	4)	16					
5)	10	6)	65	7)	9	8)	16					
9)	0	10)	0	11)	0	12)	0					
VEH PERMISSIVE	[1] 0		[2] 0									
VEH PERM 2 DISP	0											
PHASE RESERVICE												
SPLIT EXTENSION/RING	[1] 0		[2] 0									
SPL DMD PATTERN	[1] 0		[2] 0									
XARTERY PATTERN												
PHASE	1	2	3	4	5	6	7	8	9	10	11	12
COORD PHASES		X				X						
VEHICLE RECALL												
VEH MAX RECALL												
PED RECALL												
PHASE OMIT												
	A	B	C	D	E	F						
ALT SEQUENCE												

COORD PATTERN	3		OFFSET	17								
CYCLE LENGTH	140		C/O/S	311								
SPLITS:												
1)	11	2)	55	3)	9	4)	25					
5)	11	6)	55	7)	9	8)	25					
9)	0	10)	0	11)	0	12)	0					
VEH PERMISSIVE			[1]	0	[2]	0						
VEH PERM 2 DISP								0				
PHASE RESERVICE												
SPLIT EXTENSION/RING			[1]	0	[2]	0						
SPL DMD PATTERN			[1]	0	[2]	0						
XARTERY PATTERN												
PHASE	1	2	3	4	5	6	7	8	9	10	11	12
COORD PHASES		X				X						
VEHICLE RECALL												
VEH MAX RECALL												
PED RECALL												
PHASE OMIT												
	A	B	C	D	E	F						
ALT SEQUENCE												

5. PRIORITY PREEMPTOR 5

	1	2	3	4	5	6	7	8	9	10	11	12
TERM PHASE OVLP												
TRK CLR PHASE												
HOLD PHASES												
EXIT PHASES												
EXIT CALLS												
TERM OVERLAP	A:			B:			C:			D:		
ACTIVE				PED DARK								
PRIORITY				PED ACTIVE								
DET LOCK				ZERO PC TIME								
HOLD FLASH				PC THRU YELLOW								
TERM OVLP ASAP				TERM PHASES								
DON'T OVERRIDE FLASH				ACTIVE ONLY DURING HOLD								
FLASH ALL OUTPUTS				NO CVM IN FLASH								
YELLOW-RED GOES GREEN				FAST FLASH GRN ON HOLD								
ENABLE MAX PREEMPT TIME				OUT OF FLASH						GREEN		
MAX TIME				0	DURATION TIME						0	
MIN HOLD TIME				0	DELAY TIME						0	
MIN PED CLEAR				0	INHIBIT TIME						0	
MAX EXIT				0	HLD DELAY TIME						0	
	GREEN			YELLOW			RED					
MINIMUM	0			0.0			0.0					
TRACK CLEAR	0			0.0			0.0					
HOLD				0.0			0.0					
LINKED PREEMPTOR										0		

7. BUS PREEMPTORS

	BUS PREEMPTOR											
	1	2	3	4								
PREEMPTOR ACTIVE												
DETECTOR LOCK												
MAXIMUM TIME	0	0	0	0								
RESERVICE TIME	0	0	0	0								
DELAY TIME	0	0	0	0								
INHIBIT TIME	0	0	0	0								
ENTRANCE GREEN	0	0	0	0								
ENTRANCE PED CLR	0	0	0	0								
ENTRANCE YELLOW	0.0	0.0	0.0	0.0								
ENTRANCE RED	0.0	0.0	0.0	0.0								
MIN HOLD TIME	0	0	0	0								
HOLD PHASE	1	2	3	4	5	6	7	8	9	10	11	12
PREEMPTOR 1												
PREEMPTOR 2												
PREEMPTOR 3												
PREEMPTOR 4												

6. PRIORITY PREEMPTOR 6

	1	2	3	4	5	6	7	8	9	10	11	12
TERM PHASE OVLP												
TRK CLR PHASE												
HOLD PHASES												
EXIT PHASES												
EXIT CALLS												
TERM OVERLAP	A:			B:			C:			D:		
ACTIVE				PED DARK								
PRIORITY				PED ACTIVE								
DET LOCK				ZERO PC TIME								
HOLD FLASH				PC THRU YELLOW								
TERM OVLP ASAP				TERM PHASES								
DON'T OVERRIDE FLASH				ACTIVE ONLY DURING HOLD								
FLASH ALL OUTPUTS				NO CVM IN FLASH								
YELLOW-RED GOES GREEN				FAST FLASH GRN ON HOLD								
ENABLE MAX PREEMPT TIME				OUT OF FLASH						GREEN		
MAX TIME				0	DURATION TIME						0	
MIN HOLD TIME				0	DELAY TIME						0	
MIN PED CLEAR				0	INHIBIT TIME						0	
MAX EXIT				0	HLD DELAY TIME						0	
	GREEN			YELLOW			RED					
MINIMUM	0			0.0			0.0					
TRACK CLEAR	0			0.0			0.0					
HOLD				0.0			0.0					
LINKED PREEMPTOR										0		

5. NIC/TOD SUBMENU

1. NIC/TOD CLOCK/CALENDAR DATA

DATE SET:	
TIME SET:	
MANUAL NIC PROGRAM STEP	0
MANUAL TOD PROGRAM STEP	0
SYNC REFERENCE TIME	3:15:00 AM
SYNC REFERENCE	REFERENCE TIME
WEEK 1 BEGINS ON 1ST SUNDAY	X
DISABLE DAYLIGHT SAVINGS	
DST BEGINS LAST SUNDAY	

2. NIC/TOD WEEKLY PROGRAMS

WEEK	SUN	MON	TUE	WED	THU	FRI	SAT
1	3	1	1	1	1	1	2
2	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1

3. NIC/TOD YEARLY PROGRAMS

WEEK OF YEAR	1	2	3	4	5	6	7	8
WEEKLY	1	1	1	1	1	1	1	1
WEEK OF YEAR	9	10	11	12	13	14	15	16
WEEKLY	1	1	1	1	1	1	1	1
WEEK OF YEAR	17	18	19	20	21	22	23	24
WEEKLY	1	1	1	1	1	1	1	1
WEEK OF YEAR	25	26	27	28	29	30	31	32
WEEKLY	1	1	1	1	1	1	1	1
WEEK OF YEAR	33	34	35	36	37	38	39	40
WEEKLY	1	1	1	1	1	1	1	1
WEEK OF YEAR	41	42	43	44	45	46	47	48
WEEKLY	1	1	1	1	1	1	1	1
WEEK OF YEAR	49	50	51	52	53			
WEEKLY	1	1	1	1	1			

4. NIC/TOD HOLIDAY PROGRAM

HOLIDAY	FLOAT/FIXED	MON/MON	DOW/DOM	WOM/YEAR	PROG
1	FIXED	0	0	0	0
2	FIXED	0	0	0	0
3	FIXED	0	0	0	0
4	FIXED	0	0	0	0
5	FIXED	0	0	0	0
6	FIXED	0	0	0	0
7	FIXED	0	0	0	0
8	FIXED	0	0	0	0
9	FIXED	0	0	0	0
10	FIXED	0	0	0	0
11	FIXED	0	0	0	0
12	FIXED	0	0	0	0
13	FIXED	0	0	0	0
14	FIXED	0	0	0	0
15	FIXED	0	0	0	0
16	FIXED	0	0	0	0
17	FIXED	0	0	0	0
18	FIXED	0	0	0	0
19	FIXED	0	0	0	0
20	FIXED	0	0	0	0
21	FIXED	0	0	0	0
22	FIXED	0	0	0	0
23	FIXED	0	0	0	0
24	FIXED	0	0	0	0
25	FIXED	0	0	0	0
26	FIXED	0	0	0	0
27	FIXED	0	0	0	0
28	FIXED	0	0	0	0
29	FIXED	0	0	0	0
30	FIXED	0	0	0	0
31	FIXED	0	0	0	0
32	FIXED	0	0	0	0
33	FIXED	0	0	0	0
34	FIXED	0	0	0	0
35	FIXED	0	0	0	0
36	FIXED	0	0	0	0

5. CALENDAR

January 2020								
Week	Sun	Mon	Tue	Wed	Thu	Fri	Sat	W.P.
	29	30	31	1	2	3	4	
1	3 ⁵	1 ⁶	1 ⁷	1 ⁸	1 ⁹	1 ¹⁰	2 ¹¹	1
2	3 ¹²	1 ¹³	1 ¹⁴	1 ¹⁵	1 ¹⁶	1 ¹⁷	2 ¹⁸	1
3	3 ¹⁹	1 ²⁰	1 ²¹	1 ²²	1 ²³	1 ²⁴	2 ²⁵	1
4	3 ²⁶	1 ²⁷	1 ²⁸	1 ²⁹	1 ³⁰	1 ³¹	2 ¹	1
5	3 ²	1 ³	1 ⁴	1 ⁵	1 ⁶	1 ⁷	2 ⁸	1

February 2020								
Week	Sun	Mon	Tue	Wed	Thu	Fri	Sat	W.P.
1	3 ²⁶	1 ²⁷	1 ²⁸	1 ²⁹	1 ³⁰	1 ³¹	2 ¹	1
2	3 ²	1 ³	1 ⁴	1 ⁵	1 ⁶	1 ⁷	2 ⁸	1
3	3 ⁹	1 ¹⁰	1 ¹¹	1 ¹²	1 ¹³	1 ¹⁴	2 ¹⁵	1
4	3 ¹⁶	1 ¹⁷	1 ¹⁸	1 ¹⁹	1 ²⁰	1 ²¹	2 ²²	1
5	3 ²³	1 ²⁴	1 ²⁵	1 ²⁶	1 ²⁷	1 ²⁸	2 ²⁹	1
6	3 ¹	1 ²	1 ³	1 ⁴	1 ⁵	1 ⁶	2 ⁷	1

March 2020								
Week	Sun	Mon	Tue	Wed	Thu	Fri	Sat	W.P.
1	3 ¹	1 ²	1 ³	1 ⁴	1 ⁵	1 ⁶	2 ⁷	1
2	3 ⁸	1 ⁹	1 ¹⁰	1 ¹¹	1 ¹²	1 ¹³	2 ¹⁴	1
3	3 ¹⁵	1 ¹⁶	1 ¹⁷	1 ¹⁸	1 ¹⁹	1 ²⁰	2 ²¹	1
4	3 ²²	1 ²³	1 ²⁴	1 ²⁵	1 ²⁶	1 ²⁷	2 ²⁸	1
5	3 ²⁹	1 ³⁰	1 ³¹	1 ¹	1 ²	1 ³	2 ⁴	1
6	3 ⁵	1 ⁶	1 ⁷	1 ⁸	1 ⁹	1 ¹⁰	2 ¹¹	1

April 2020								
Week	Sun	Mon	Tue	Wed	Thu	Fri	Sat	W.P.
1	3 ²⁹	1 ³⁰	1 ³¹	1 ¹	1 ²	1 ³	2 ⁴	1
2	3 ⁵	1 ⁶	1 ⁷	1 ⁸	1 ⁹	1 ¹⁰	2 ¹¹	1
3	3 ¹²	1 ¹³	1 ¹⁴	1 ¹⁵	1 ¹⁶	1 ¹⁷	2 ¹⁸	1
4	3 ¹⁹	1 ²⁰	1 ²¹	1 ²²	1 ²³	1 ²⁴	2 ²⁵	1
5	3 ²⁶	1 ²⁷	1 ²⁸	1 ²⁹	1 ³⁰	1 ¹	2 ²	1
6	3 ³	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁸	2 ⁹	1

May 2020								
Week	Sun	Mon	Tue	Wed	Thu	Fri	Sat	W.P.
1	3 ²⁶	1 ²⁷	1 ²⁸	1 ²⁹	1 ³⁰	1 ¹	2 ²	1
2	3 ³	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁸	2 ⁹	1
3	3 ¹⁰	1 ¹¹	1 ¹²	1 ¹³	1 ¹⁴	1 ¹⁵	2 ¹⁶	1
4	3 ¹⁷	1 ¹⁸	1 ¹⁹	1 ²⁰	1 ²¹	1 ²²	2 ²³	1
5	3 ²⁴	1 ²⁵	1 ²⁶	1 ²⁷	1 ²⁸	1 ²⁹	2 ³⁰	1
6	3 ³¹	1 ¹	1 ²	1 ³	1 ⁴	1 ⁵	2 ⁶	1

June 2020								
Week	Sun	Mon	Tue	Wed	Thu	Fri	Sat	W.P.
1	3 ³¹	1 ¹	1 ²	1 ³	1 ⁴	1 ⁵	2 ⁶	1
2	3 ⁷	1 ⁸	1 ⁹	1 ¹⁰	1 ¹¹	1 ¹²	2 ¹³	1
3	3 ¹⁴	1 ¹⁵	1 ¹⁶	1 ¹⁷	1 ¹⁸	1 ¹⁹	2 ²⁰	1
4	3 ²¹	1 ²²	1 ²³	1 ²⁴	1 ²⁵	1 ²⁶	2 ²⁷	1
5	3 ²⁸	1 ²⁹	1 ³⁰	1 ¹	1 ²	1 ³	2 ⁴	1
6	3 ⁵	1 ⁶	1 ⁷	1 ⁸	1 ⁹	1 ¹⁰	2 ¹¹	1

July 2020								
Week	Sun	Mon	Tue	Wed	Thu	Fri	Sat	W.P.
1	3 ²⁸	1 ²⁹	1 ³⁰	1 ¹	1 ²	1 ³	2 ⁴	1
2	3 ⁵	1 ⁶	1 ⁷	1 ⁸	1 ⁹	1 ¹⁰	2 ¹¹	1
3	3 ¹²	1 ¹³	1 ¹⁴	1 ¹⁵	1 ¹⁶	1 ¹⁷	2 ¹⁸	1
4	3 ¹⁹	1 ²⁰	1 ²¹	1 ²²	1 ²³	1 ²⁴	2 ²⁵	1
5	3 ²⁶	1 ²⁷	1 ²⁸	1 ²⁹	1 ³⁰	1 ³¹	2 ¹	1
6	3 ²	1 ³	1 ⁴	1 ⁵	1 ⁶	1 ⁷	2 ⁸	1

August 2020								
Week	Sun	Mon	Tue	Wed	Thu	Fri	Sat	W.P.
1	3 ²⁶	1 ²⁷	1 ²⁸	1 ²⁹	1 ³⁰	1 ³¹	2 ¹	1
2	3 ²	1 ³	1 ⁴	1 ⁵	1 ⁶	1 ⁷	2 ⁸	1
3	3 ⁹	1 ¹⁰	1 ¹¹	1 ¹²	1 ¹³	1 ¹⁴	2 ¹⁵	1
4	3 ¹⁶	1 ¹⁷	1 ¹⁸	1 ¹⁹	1 ²⁰	1 ²¹	2 ²²	1
5	3 ²³	1 ²⁴	1 ²⁵	1 ²⁶	1 ²⁷	1 ²⁸	2 ²⁹	1
6	3 ³⁰	1 ³¹	1 ¹	1 ²	1 ³	1 ⁴	2 ⁵	1

September 2020								
Week	Sun	Mon	Tue	Wed	Thu	Fri	Sat	W.P.
1	3 ³⁰	1 ³¹	1 ¹	1 ²	1 ³	1 ⁴	2 ⁵	1
2	3 ⁶	1 ⁷	1 ⁸	1 ⁹	1 ¹⁰	1 ¹¹	2 ¹²	1
3	3 ¹³	1 ¹⁴	1 ¹⁵	1 ¹⁶	1 ¹⁷	1 ¹⁸	2 ¹⁹	1
4	3 ²⁰	1 ²¹	1 ²²	1 ²³	1 ²⁴	1 ²⁵	2 ²⁶	1
5	3 ²⁷	1 ²⁸	1 ²⁹	1 ³⁰	1 ¹	1 ²	2 ³	1
6	3 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁸	1 ⁹	2 ¹⁰	1

October 2020								
Week	Sun	Mon	Tue	Wed	Thu	Fri	Sat	W.P.
1	3 ²⁷	1 ²⁸	1 ²⁹	1 ³⁰	1 ¹	1 ²	2 ³	1
2	3 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁸	1 ⁹	2 ¹⁰	1
3	3 ¹¹	1 ¹²	1 ¹³	1 ¹⁴	1 ¹⁵	1 ¹⁶	2 ¹⁷	1
4	3 ¹⁸	1 ¹⁹	1 ²⁰	1 ²¹	1 ²²	1 ²³	2 ²⁴	1
5	3 ²⁵	1 ²⁶	1 ²⁷	1 ²⁸	1 ²⁹	1 ³⁰	2 ³¹	1
6	3 ¹	1 ²	1 ³	1 ⁴	1 ⁵	1 ⁶	2 ⁷	1

November 2020								
Week	Sun	Mon	Tue	Wed	Thu	Fri	Sat	W.P.
1	3 ¹	1 ²	1 ³	1 ⁴	1 ⁵	1 ⁶	2 ⁷	1
2	3 ⁸	1 ⁹	1 ¹⁰	1 ¹¹	1 ¹²	1 ¹³	2 ¹⁴	1
3	3 ¹⁵	1 ¹⁶	1 ¹⁷	1 ¹⁸	1 ¹⁹	1 ²⁰	2 ²¹	1
4	3 ²²	1 ²³	1 ²⁴	1 ²⁵	1 ²⁶	1 ²⁷	2 ²⁸	1
5	3 ²⁹	1 ³⁰	1 ¹	1 ²	1 ³	1 ⁴	2 ⁵	1
6	3 ⁶	1 ⁷	1 ⁸	1 ⁹	1 ¹⁰	1 ¹¹	2 ¹²	1

December 2020								
Week	Sun	Mon	Tue	Wed	Thu	Fri	Sat	W.P.
1	3 ²⁹	1 ³⁰	1 ¹	1 ²	1 ³	1 ⁴	2 ⁵	1
2	3 ⁶	1 ⁷	1 ⁸	1 ⁹	1 ¹⁰	1 ¹¹	2 ¹²	1
3	3 ¹³	1 ¹⁴	1 ¹⁵	1 ¹⁶	1 ¹⁷	1 ¹⁸	2 ¹⁹	1
4	3 ²⁰	1 ²¹	1 ²²	1 ²³	1 ²⁴	1 ²⁵	2 ²⁶	1
5	3 ²⁷	1 ²⁸	1 ²⁹	1 ³⁰	1 ³¹	1 ¹	2 ²	1
6	3 ³	1 ⁴	1 ⁵	1 ⁶	1 ⁷	1 ⁸	2 ⁹	1

^{FX}Fixed Holiday
^{FL}Floating Holiday

6. NIC PROGRAM STEP

STEP	PGM	TIME	PATTERN	OVERRIDE
1	1	06:30	2	
2	1	09:00	1	
3	1	14:30	3	
4	1	19:00	1	
5	1	20:30	0	
6	2	08:00	1	
7	2	18:00	0	
8	3	10:00	1	
9	3	17:00	0	
10	0	00:00	0	
11	0	00:00	0	
12	0	00:00	0	
13	0	00:00	0	
14	0	00:00	0	
15	0	00:00	0	
16	0	00:00	0	
17	0	00:00	0	
18	0	00:00	0	
19	0	00:00	0	
20	0	00:00	0	
21	0	00:00	0	
22	0	00:00	0	
23	0	00:00	0	
24	0	00:00	0	
25	0	00:00	0	
26	0	00:00	0	
27	0	00:00	0	
28	0	00:00	0	
29	0	00:00	0	
30	0	00:00	0	
31	0	00:00	0	
32	0	00:00	0	
33	0	00:00	0	
34	0	00:00	0	
35	0	00:00	0	
36	0	00:00	0	
37	0	00:00	0	
38	0	00:00	0	
39	0	00:00	0	
40	0	00:00	0	
41	0	00:00	0	
42	0	00:00	0	
43	0	00:00	0	
44	0	00:00	0	
45	0	00:00	0	
46	0	00:00	0	
47	0	00:00	0	
48	0	00:00	0	
49	0	00:00	0	
50	0	00:00	0	

51	0	00:00	0	
52	0	00:00	0	
53	0	00:00	0	
54	0	00:00	0	
55	0	00:00	0	
56	0	00:00	0	
57	0	00:00	0	
58	0	00:00	0	
59	0	00:00	0	
60	0	00:00	0	
61	0	00:00	0	
62	0	00:00	0	
63	0	00:00	0	
64	0	00:00	0	
65	0	00:00	0	
66	0	00:00	0	
67	0	00:00	0	
68	0	00:00	0	
69	0	00:00	0	
70	0	00:00	0	
71	0	00:00	0	
72	0	00:00	0	
73	0	00:00	0	
74	0	00:00	0	
75	0	00:00	0	
76	0	00:00	0	
77	0	00:00	0	
78	0	00:00	0	
79	0	00:00	0	
80	0	00:00	0	
81	0	00:00	0	
82	0	00:00	0	
83	0	00:00	0	
84	0	00:00	0	
85	0	00:00	0	
86	0	00:00	0	
87	0	00:00	0	
88	0	00:00	0	
89	0	00:00	0	
90	0	00:00	0	
91	0	00:00	0	
92	0	00:00	0	
93	0	00:00	0	
94	0	00:00	0	
95	0	00:00	0	
96	0	00:00	0	
97	0	00:00	0	
98	0	00:00	0	
99	0	00:00	0	
100	0	00:00	0	

101	0	00:00	0	
102	0	00:00	0	
103	0	00:00	0	
104	0	00:00	0	
105	0	00:00	0	
106	0	00:00	0	
107	0	00:00	0	
108	0	00:00	0	
109	0	00:00	0	
110	0	00:00	0	
111	0	00:00	0	
112	0	00:00	0	
113	0	00:00	0	
114	0	00:00	0	
115	0	00:00	0	
116	0	00:00	0	
117	0	00:00	0	
118	0	00:00	0	
119	0	00:00	0	
120	0	00:00	0	
121	0	00:00	0	
122	0	00:00	0	
123	0	00:00	0	
124	0	00:00	0	
125	0	00:00	0	
126	0	00:00	0	
127	0	00:00	0	
128	0	00:00	0	
129	0	00:00	0	
130	0	00:00	0	
131	0	00:00	0	
132	0	00:00	0	
133	0	00:00	0	
134	0	00:00	0	
135	0	00:00	0	
136	0	00:00	0	
137	0	00:00	0	
138	0	00:00	0	
139	0	00:00	0	
140	0	00:00	0	
141	0	00:00	0	
142	0	00:00	0	
143	0	00:00	0	
144	0	00:00	0	
145	0	00:00	0	
146	0	00:00	0	
147	0	00:00	0	
148	0	00:00	0	
149	0	00:00	0	
150	0	00:00	0	

151	0	00:00	0	
152	0	00:00	0	
153	0	00:00	0	
154	0	00:00	0	
155	0	00:00	0	
156	0	00:00	0	
157	0	00:00	0	
158	0	00:00	0	
159	0	00:00	0	
160	0	00:00	0	
161	0	00:00	0	
162	0	00:00	0	
163	0	00:00	0	
164	0	00:00	0	
165	0	00:00	0	
166	0	00:00	0	
167	0	00:00	0	
168	0	00:00	0	
169	0	00:00	0	
170	0	00:00	0	
171	0	00:00	0	
172	0	00:00	0	
173	0	00:00	0	
174	0	00:00	0	
175	0	00:00	0	
176	0	00:00	0	
177	0	00:00	0	
178	0	00:00	0	
179	0	00:00	0	
180	0	00:00	0	
181	0	00:00	0	
182	0	00:00	0	
183	0	00:00	0	
184	0	00:00	0	
185	0	00:00	0	
186	0	00:00	0	
187	0	00:00	0	
188	0	00:00	0	
189	0	00:00	0	
190	0	00:00	0	
191	0	00:00	0	
192	0	00:00	0	
193	0	00:00	0	
194	0	00:00	0	
195	0	00:00	0	
196	0	00:00	0	
197	0	00:00	0	
198	0	00:00	0	
199	0	00:00	0	
200	0	00:00	0	

TOD PROGRAM STEP													13			
DAY PGM NUM													0			
STEP BEGINS													12:00:00 AM			
DIMMING ENABLE				FLASH												
RED REST				ALT VEHICLE EXT												
DET LOG ENABLE				SPARE 5												
SPARE 4				SPARE 3												
DET DIAG PLAN													0			
ALT SEQUENCE			A		B		C		D		E		F			
PHASE			1	2	3	4	5	6	7	8	9	10	11	12		
MAX2 ENABLE																
MAX3 ENABLE																
VEH RECALL																
VEH MAX RECALL																
PED RECALL																
COND SERV INH																
PHASE OMIT																
SPECIAL FCTNS																

DAILY PROGRAM # 1				
Step	Time	Pattern	Override	TOD Step
1	00:00			1
2	06:30	2		
3	09:00	1		
4	14:30	3		
5	19:00	1		
6	20:30	0		

DAILY PROGRAM # 2				
Step	Time	Pattern	Override	TOD Step
1	08:00	1		
2	18:00	0		

DAILY PROGRAM # 3				
Step	Time	Pattern	Override	TOD Step
1	10:00	1		
2	17:00	0		

TOD PROGRAM STEP													14			
DAY PGM NUM													0			
STEP BEGINS													12:00:00 AM			
DIMMING ENABLE				FLASH												
RED REST				ALT VEHICLE EXT												
DET LOG ENABLE				SPARE 5												
SPARE 4				SPARE 3												
DET DIAG PLAN													0			
ALT SEQUENCE			A		B		C		D		E		F			
PHASE			1	2	3	4	5	6	7	8	9	10	11	12		
MAX2 ENABLE																
MAX3 ENABLE																
VEH RECALL																
VEH MAX RECALL																
PED RECALL																
COND SERV INH																
PHASE OMIT																
SPECIAL FCTNS																

DAILY PROGRAM # 4				
Step	Time	Pattern	Override	TOD Step

DAILY PROGRAM # 5				
Step	Time	Pattern	Override	TOD Step

DAILY PROGRAM # 6				
Step	Time	Pattern	Override	TOD Step

DAILY PROGRAM # 7				
Step	Time	Pattern	Override	TOD Step

DAILY PROGRAM # 8				
Step	Time	Pattern	Override	TOD Step

TOD PROGRAM STEP													15			
DAY PGM NUM													0			
STEP BEGINS													12:00:00 AM			
DIMMING ENABLE				FLASH												
RED REST				ALT VEHICLE EXT												
DET LOG ENABLE				SPARE 5												
SPARE 4				SPARE 3												
DET DIAG PLAN													0			
ALT SEQUENCE			A		B		C		D		E		F			
PHASE			1	2	3	4	5	6	7	8	9	10	11	12		
MAX2 ENABLE																
MAX3 ENABLE																
VEH RECALL																
VEH MAX RECALL																
PED RECALL																
COND SERV INH																
PHASE OMIT																
SPECIAL FCTNS																

DAILY PROGRAM # 9				
Step	Time	Pattern	Override	TOD Step

DAILY PROGRAM # 10				
Step	Time	Pattern	Override	TOD Step

DAILY PROGRAM # 11				
Step	Time	Pattern	Override	TOD Step

DAILY PROGRAM # 12				
Step	Time	Pattern	Override	TOD Step

DAILY PROGRAM # 13				
Step	Time	Pattern	Override	TOD Step

8. DAILY PROGRAM

DAILY PROGRAM # 14				
Step	Time	Pattern	Override	TOD Step

DAILY PROGRAM # 15				
Step	Time	Pattern	Override	TOD Step

DAILY PROGRAM # 16				
Step	Time	Pattern	Override	TOD Step

6. DETECTORS

1. SETUP

#	TYPE	EXTEND	DELAY	Q LIMIT	FAIL TIME	FAIL ACT	ERR CNT
1	1	1	2	0	0	0	80
2	1	1	2	0	0	0	80
3	1	5	0	0	0	0	80
4	1	5	0	0	0	0	80
5	1	2	2	0	0	0	80
6	1	2	10	0	0	0	80
7	1	2	2	0	0	0	80
8	1	2	2.5	0	0	0	80
9	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
11	1	5	0	0	0	0	80
12	1	5	0	0	0	0	80
13	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0

55	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0

#	QUEUE	YLW LCK	PASSAGE	SYSTEM	CALL DET	ADD INIT	RD LOCK
1			X			X	
2			X			X	
3			X	X		X	
4			X	X		X	
5			X				
6			X				
7			X				
8			X				
9			X				
10			X				
11			X	X		X	
12			X	X		X	
13			X				
14			X				
15			X				
16			X				
17			X				
18			X				
19			X				
20			X				
21			X				
22			X				
23			X				
24			X				
25			X				
26			X				
27			X				
28			X				
29			X				
30			X				
31			X				
32			X				
33			X				
34			X				
35			X				
36			X				
37			X				
38			X				
39			X				
40			X				
41			X				
42			X				
43			X				
44			X				
45			X				
46			X				

