

**INTERSECTION: 085-Century & Prairie**

Group Assignment: Century  
 Field Master Assignment: NONE  
 System Reference Number: 85

N/S Street Name: Prairie Ave  
 E/W Street Name: Century Blvd

Last Database Change: 7/9/2013 14:58

Change Record					
Change	By	Date	Change	By	Date

Notes:

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Drop Number	8	<C+0+0>
Zone Number		<C+0+1>
Area Number	1	<C+0+2>
Area Address	85	<C+0+3>
QuicNet Channel	PP:8904:10.10.2	(QuicNet)

Manual Plan		<C+A+1>
Manual Offset		<C+B+1>

Max Initial	20	<F+0+E>
Red Revert	5.0	<F+0+F>
All Red Start	5.0	<F+C+0>

**Communication Addresses**

**Manual Selection**

**Start / Revert Times**

Row	Phase Names	Phase							
		1	2	3	4	5	6	7	8
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	26	0	26	0	26	0	26
2	Min Green	4	10	4	10	4	10	4	10
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	1.2	0.0	0.0	0.0	1.2	0.0	0.0
5	Veh Extension	2.0	4.0	2.0	4.0	2.0	4.0	2.0	4.0
6	Max Gap	2.0	5.0	2.0	5.0	2.0	5.0	2.0	5.0
7	Min Gap	2.0	3.0	2.0	3.0	2.0	3.0	2.0	3.0
8	Max Limit	19	45	18	43	17	48	20	41
9	Max Limit 2	30	70	30	70	30	70	30	70
A	-----	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
D	Reduce Every	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0
E	Yellow Change	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
F	Red Clear	0.5	1.0	0.5	1.0	0.5	1.0	0.5	1.0

Phase Timing - Bank 1 <F Page>

Row	E		F	
	RR-1 Delay	RR-1 Clear	Permit	Red Lock
0	0	10	12345678	2 4 6 8
1	0	0	Yellow Lock	2 6
2	0	1	Min Recall	-----
3	0	0	Ped Recall	-----
4	0	1	View Set Peds	-----
5	1	0	Rest In Walk	-----
6	0	1	Red Rest	-----
7	0	0	Dual Entry	-----
8	1	1	Max Recall	-----
9	0	0	Soft Recall	-----
A	0	10	Max 2	7
B	---	---	Cond. Service	-----
C	---	---	Man Cntri Calls	-----
D	---	---	Yellow Start	4 8
E	---	---	First Phases	2 6
F	---	---		

Preempt Timing Phase Functions <F Page>

**Manual Plan**  
 0 = Automatic  
 1-9 = Plan 1-9  
 14 = Free  
 15 = Flash

**Manual Offset**  
 0 = Automatic  
 1 = Offset A  
 2 = Offset B  
 3 = Offset C

Column Numbers →		Plan								
Plan Name →	1	2	3	4	5	6	7	8	9	
0	Cycle Length	100	100	100	120	100	120	100	100	100
1	Phase 1 - ForceOff	17	13	15	74	60	70	65	65	65
2	Phase 2 - ForceOff	49	47	47	0	0	0	0	0	0
3	Phase 3 - ForceOff	66	0	0	13	20	8	25	25	25
4	Phase 4 - ForceOff	0	83	85	56	40	51	40	40	40
5	Phase 5 - ForceOff	17	13	15	71	60	67	65	65	65
6	Phase 6 - ForceOff	49	47	47	0	0	0	0	0	0
7	Phase 7 - ForceOff	66	65	68	56	20	51	25	25	25
8	Phase 8 - ForceOff	0	0	0	36	40	36	40	40	40
9	Ring Offset	0	0	0	0	0	0	0	0	0
A	Offset 1	5	81	24	0	0	0	0	0	0
B	Offset 2	0	0	0	0	0	0	0	0	0
C	Offset 3	0	0	0	0	0	0	0	0	0
D	Permissive	36	34	34	12	12	12	12	12	0
E	Hold Release	94	94	95	255	255	255	255	255	0
F	Zone Offset	0	0	0	0	0	0	0	0	0

Coordination

<C Page>

(\* = Coordination Recall)

Plan Name →	E	Row
Plan 1 - Sync	2 6	1
Plan 2 - Sync	2 6	2
Plan 3 - Sync	2 6	3
Plan 4 - Sync	2 6	4
Plan 5 - Sync	2 6	5
Plan 6 - Sync	2 6	6
Plan 7 - Sync	2 6	7
Plan 8 - Sync	2 6	8
Plan 9 - Sync	2 6	9
Coord Per *		A
NEMA Hold		B
		C
		D
		E
		F

Sync Phases <C Page>

Row	Column Numbers →	E
0	Exclusive Phases	
1	RR-1 Clear Phases	
2	RR-2 Clear Phases	
3	RR-2 Limited Service	
4	Prot / Perm Phases	
5	Overlap A - Green Ornit	↻
6	Overlap B - Green Ornit	
7	Overlap C - Green Ornit	
8	Overlap D - Green Ornit	
9	Overlap Yellow Flash	
A	EV-A Phases	
B	EV-B Phases	
C	EV-C Phases	
D	EV-D Phases	
E	Extra 1 Config. Bits	1 3
F	IC Select (Interconnect)	2

Configuration

<E Page>

Plan Name →	F
RR Overlap A - Phases	
RR Overlap B - Phases	
RR Overlap C - Phases	
RR Overlap D - Phases	
Ped 2P	2
Ped 6P	6
Ped 4P	4
Ped 8P	8
Yellow Flash Phases	
Overlap A - Phases	67
Overlap B - Phases	
Overlap C - Phases	
Overlap D - Phases	
Restricted Phases	
Assign 5 Outputs	

Configuration

<E Page>

- Extra 1 Flags**
- 1 = TBC Type 1
  - 2 = NEMA Ext. Coord
  - 3 = Auto Daylight Savings
  - 4 = EV Advance
  - 5 =
  - 6 = Special Event
  - 7 = Prelimed Operation
  - 8 = Split Ring Operation

- Assign 5 Outputs (Ped Loadswitch Yellows)**
- 1 = Right Turn Overlap
  - 2 = TOD Outputs
  - 3 = EV Beacon - Steady
  - 4 = EV Beacon - Flashing
  - 5 = Special Event Outputs
  - 6 = Phase 3 & 7 Ped
  - 7 = Advanced Warning Sign
  - 8 =

Force-Off Adjust

Coord Force-Off Adjust for Ped Service <C+D+F>

Transition Type

TBC Transition <C+D+D>

Transition Type

0 = Shortway

Non-zero = Lengthen

- IC Select Flags**
- 1 =
  - 2 = Modem
  - 3 = 7-Wire Slave
  - 4 = Flash / Free
  - 5 =
  - 6 = Simplex Master
  - 7 = 7-Wire Master
  - 8 = Offset Interrupter

Plan Name →	F	Row
Free Lag	2 4 6 8	0
Plan 1 - Lag	2 4 6 8	1
Plan 2 - Lag	2 4 6 8	2
Plan 3 - Lag	2 4 6 8	3
Plan 4 - Lag	2 4 67	4
Plan 5 - Lag	2 4 6 8	5
Plan 6 - Lag	2 4 67	6
Plan 7 - Lag	2 4 6 8	7
Plan 8 - Lag	2 4 6 8	8
Plan 9 - Lag	2 4 6 8	9
Coord Max *		A
Coord Lag *	5	B
		C
		D
		E
		F

Lag Phases <C Page>

Row	Time	Plan	Offset	Day of Week
0	01:00	E	A	1234567
1	00:00	0	0	
2	00:00	0	0	
3	00:00	0	0	
4	00:00	0	0	
5	00:00	0	0	
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

TOD Coordination  
<9 Key with C+D+9=0>

Time	Func.	Day of Week
06:00	1	23456
09:30	1	1234567
14:30	1	23456
19:30	1	23456
22:00	1	1234567
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	

TOD Function  
<7 Key>

Column F Phases/Bits

<D Page>

Time	Plan	Offset	Day of Week
08:93	0	0	3
31:##	0	0	5
08:54	0	0	12 45
31:85	0	0	5
08:93	0	0	3
31:##	0	0	5
08:54	0	0	12 45
31:85	0	0	5
85:00	0	0	
93:00	0	0	
00:00	0	0	
54:00	0	0	
85:00	0	0	
93:00	0	0	
00:00	0	0	
54:00	0	0	

Holiday # 1  
TOD Coordination  
<9 Key with C+D+9=1>

Time	Plan	Offset	Day of Week
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
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00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	

Holiday # 2  
TOD Coordination  
<9 Key with C+D+9=2>

Time	Plan	Offset	Day of Week	Row
00:00	0	0		0
00:00	0	0		1
00:00	0	0		2
00:00	0	0		3
00:00	0	0		4
00:00	0	0		5
00:00	0	0		6
00:00	0	0		7
00:00	0	0		8
00:00	0	0		9
00:00	0	0		A
00:00	0	0		B
00:00	0	0		C
00:00	0	0		D
00:00	0	0		E
00:00	0	0		F

Holiday # 3  
TOD Coordination  
<9 Key with C+D+9=3>

Plan Select  
1 thru 9 = Coordination  
Plan 1 thru 9  
14 or E = Free  
15 or F = Flash

Offset Select  
A = Offset A  
B = Offset B  
C = Offset C

T.O.D. Functions  
0 = Permitted Phases  
1 = Red Lock  
2 = Yellow Lock  
3 = Veh Min Recall  
4 = Ped Recall  
5 =  
6 = Rest In Walk  
7 = Red Rest  
8 = Double Entry  
9 = Veh Max Recall  
A = Veh Soft Recall  
B = Maximum 2  
C = Conditional Service  
D = Free Lag Phases  
E = Bit 1 - Local Override  
   Bit 2 - Phase Bank 2  
   Bit 3 - Phase Bank 3  
   Bit 4 - Disable Detector  
OFF Monitor  
Bit 7 - Detector Count Monitor  
Bit 8 - Real Time Split Monitor  
F = Output Bits 1 thru 4

Month Select  
1 = January  
2 = February  
3 = March  
4 = April  
5 = May  
6 = June  
7 = July  
8 = August  
9 = September  
A = October  
B = November  
C = December

Row
A
B
C

	Day	Year	Month
Holiday # 1 Date	0	0	0
Holiday # 2 Date	0	0	0
Holiday # 3 Date	0	0	0

Holiday Dates  
<8 Key>

Day of Week

Row	1 Delay	3 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		I-1	14
1	0.0	0.0		I-2U	1
2	0.0	0.0		I-2L	5
3	0.0	0.0		I-3U	21
4	0.0	0.0		I-3L	25
5	0.0	0.0		I-4	9
6	0.0	0.0		I-5	16
7	0.0	0.0		I-6U	3
8	0.0	0.0		I-6L	7
9	0.0	0.0		I-7U	23
A	0.0	0.0		I-7L	27
B	0.0	0.0		I-8	11
C	0.0	0.0		I-9U	18
D	0.0	0.0		I-9L	20
E	---	---	---	---	---
F	---	---	---	---	---

Row	2 Delay	4 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		J-1	13
1	0.0	0.0		J-2U	2
2	0.0	0.0		J-2L	6
3	0.0	0.0		J-3U	22
4	0.0	0.0		J-3L	26
5	0.0	0.0		J-4	10
6	0.0	0.0		J-5	15
7	0.0	0.0		J-6U	4
8	0.0	0.0		J-6L	8
9	0.0	0.0		J-7U	24
A	0.0	0.0		J-7L	28
B	0.0	0.0		J-8	12
C	0.0	0.0		J-9U	17
D	0.0	0.0		J-9L	19
E	---	---	---	---	---
F	---	---	---	---	---

Detector Delay & Carryover <D Page>

Row	9 Green Clear	C Yellow Change	D Red Clear	0 Load- Switch #
A	0.0	0.0	0.0	0
B	0.0	0.0	0.0	0
C	0.0	0.0	0.0	0
D	0.0	0.0	0.0	0

Overlap Timing <F Page>

<D Page>

Row	Detector Numbers	E
A	1 2 3 4 5 6 7 8	12345678
B	9 10 11 12 - - - -	1234
C	13 14 15 16 17 18 19 20	12345678
D	- - - - 21 22 23 24	5678
E	- - - - - - - -	1234
F	- 25 26 27 28 - - -	2345

Active Detectors <D Page>

Note: Initialized data is for all detectors to be active (ie, all flag bits set). A Detector which is "not flagged", will not be active as a Phase Detector, and WILL NOT call or extend its associated phase. It will still function as a System Detector.

Row	Detector Number
0	
1	System Det. # 1
2	System Det. # 2
3	System Det. # 3
4	System Det. # 4
5	System Det. # 5
6	System Det. # 6
7	System Det. # 7
8	System Det. # 8

System Detectors <D Page>

Max ON (minutes)	5	<D+A+E>
Max OFF (minutes)	60	<D+A+F>

Detector Failure Monitor

Phase Number	0	<F+C+1>
Time Before Yellow	0.0	<F+C+3>

Advance Warning Beacon - Sign 1

Phase Number	0	<F+D+1>
Time Before Yellow	0.0	<F+D+3>

Advance Warning Beacon - Sign 2

Long Failure	0.0	<F+0+6>
Short Failure	0.0	<F+0+7>

Power Cycle Correction (Default = 0.5)

Disable Parity	0	<D+B+0>
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Dial-Up Telephone Communications  
(If set to a non-zero value, parity will be disabled)

		Phase							
Column Numbers →		1	2	3	4	5	6	7	8
Row	Phase Names →								
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	10	0	10	0	10	0	10
2	Min Green	3	7	3	7	3	7	3	7
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2
5	Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5
6	Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0
7	Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0
8	Max Limit	17	40	17	40	17	40	17	40
9	Max Limit 2	30	70	30	70	30	70	30	70
A	-----	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
D	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0
F	Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0

Phase Timing - Bank 2 <F Page>

		Phase								Row
Column Numbers →		1	2	3	4	5	6	7	8	
	Phase Names →									
	Ped Walk	0	7	0	7	0	7	0	7	0
	Ped FDW	0	10	0	10	0	10	0	10	1
	Min Green	3	7	3	7	3	7	3	7	2
	Type 3 Limit	0	0	0	0	0	0	0	0	3
	Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2	4
	Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5	5
	Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0	6
	Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0	7
	Max Limit	17	40	17	40	17	40	17	40	8
	Max Limit 2	30	70	30	70	30	70	30	70	9
	-----	0	0	0	0	0	0	0	0	A
	Call To Phase	0	0	0	0	0	0	0	0	B
	Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	C
	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	D
	Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0	E
	Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0	F

Phase Timing - Bank 3 <F Page>

Row	Delay Only →	7	8	9	A	B	C	D	E	F	Row
		Time	Dwell	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omit	Output	
0		0	---	---	---	---	---	---	---	---	0
1		0	0								1
2		0	0								2
3		0	0								3
4		0	0								4
5		0	0								5
6		0	0								6
7		0	0								7
8		0	0								8
9	Limited Service Int. →	0	0								9
A		---	0								A
B		0	0								B
C		0	0								C
D		0	0								D
E		0	0								E
F		0	0								F

Special Event Schedule <C Page with F+9+F=22>

← Limited Service Interval (Set Dwell = 255)

