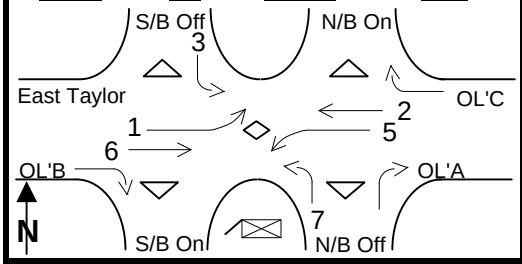
INTERVAL	TIMING FUNCTION	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
0	WALK		6			6	6		
1	FLASHING DON'T WALK		8			5	8		
2	MINIMUM INITIAL	4	8	4	1	4	8	4	
3	TYPE 3 DET. DISCONNECT	0	0	0	0	0	0	0	
4	ADDED SEC./ACTUATION	0	0	2	0	0	0	0	
5	PASSAGE	2	2	3	2	2	2	3	
6	MAXIMUM GAP	3	3	4	3	3	3	4	
7	MINIMUM GAP	1	1	2	1	1	1	2	
8	MAXIMUM EXTENSION I	15	25	15	2	20	25	20	
9	MAXIMUM EXTENSION II							38	
A	MAXIMUM EXTENSION III					30			
B									
C	SEC. OF GAP REDUCED	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
D	PER SEC. OF INTERVAL	1	1.2	0.8	0.5	1	1.2	1	
E	YELLOW	3.5	4	3	3	3.5	4	3.5	
F	RED CLEARANCE	3.5	2	5.5	0	3.5	4	3	

TURN ON	TIMING CHANGE BY:	REMARKS	FILE
1130 BH/HZ	HZ	ALL RED FLASH	4874Q3

DATE	DATE	Print Date	By	FILENAME	E#	OPERATION
01/09/02	09/24/04	Oct 26,'04	HZ	SCL-087-06.901.xls	EZ113	6Φ w/ EVA & C

COUNTY	ROUTE	PM	CITY	INTERSECTION	PROGRAM
SCL	**87**	**6.901**	**SJs**	**EAST TAYLOR ST. & RTE. 87 RAMPS**	**C8.4**



NOTE: To Initialize Controller: 1)Set Location & Feature Switches; 2) Clear RAM Location C-C-0 with STOP-TIME ON; 3) Enter Non-zero at C-C-1 to enter timing; 4)Enter 0 at C-C-1 to start

******SET REAL TIME CLOCK TO TELEPHONE TIME******

OL'A, OL'B & OL'C (AUX. FILE)

6J2U BAD LOOP, 3I5U BAD LOOP, 3I5L LOOP UP & PASS LIMIT LINE

NO DLC FOR 2I3U (OL'C FRONT LOOP)

INTERVAL	FLAG FUNCTION	DISPLAY	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
0	PERMITTED PHASES	F 127	ON	ON	ON	ON	ON	ON	ON	
1	RED DETECTOR LOCK									
2	YELLOW DET. LOCK									
3	VEHICLE RECALL	F 034		ON				ON		
4	PEDESTRIAN RECALL									
5	PEDESTRIAN PHASES	F 051	ON	ON			ON	ON		
6	OVERLAP A									
7	OVERLAP B									
8	DOUBLE ENTRY	F 042		ON		ON		ON		
9	MAX EXT. II	F 064							ON	
A	LAG PHASES	VIEW	***FOR OBSERVATION ONLY (SET LAG PHASES AT C-F-0 TO C-F-9)***							
B	RED REST									
C	NON ACTUATED									
D	MAXIMUM EXT. III	F 008				ON				
E	START UP YELLOW									
F	FIRST PHASE GREEN	F 034		ON				ON		

EPROM BOARD - 412C

CHIP	PROGRAM	NUMBER	CHECKSUM	CHIP	PROGRAM	NUMBER	CHECKSUM
U1	C8.4	E# 74	4C46	U2	C8.4		

	1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8
LOCATION (1=ON)									FEATURE (1=ON)								
SWITCH (0=OFF)	0	0	0	0	0	0	0	0	SWITCH (0=OFF)	0	0	0	0	0	0	0	0

CODE	FUNCTION	ENTER	DISPLAY	
			LAMPS	TIMING
F-0-E	MAXIMUM VARIABLE INITIAL	30 E		F 030
F-0-F	RED REVERT	50 E		F 05.0
F-D-0	TBCSEL	1 E		F 001
F-D-1	HOUR	0 E		F 000
F-D-2	MINUTE	0 E		F 000
F-D-8	OFFSET SEEKING FLAG	1 E		F 001
C-0-0	LOCAL ADDRESS	OBSERVE	ONLY	C 000
C-C-2	PC MASTER DOWNLOAD	1 E		C 001
C-F-C	COORDINATED FAZES	2 6	2 6	C 034
D-0-9	FEATURE (Set by Feature Switch)	OBSERVE	ONLY	d 000
*E-F-A	OL'A ON WITH PHASE	5 7	5 7	E080
*E-E-A	OL'A NOT ON WITH PHASE	3 6	3 6	E036
*E-F-B	OL'B ON WITH PHASE	6 7	6 7	E096
*E-E-B	OL'B NOT ON WITH PHASE	5	5	E016
*E-F-C	OL'C ON WITH PHASE	2 7	2 7	E066
*E-E-C	OL'C NOT ON WITH PHASE	1	1	E001
*E-F-7	CHANGE PHASE 4P TO PHASE 5P	0 5	5	E016
*E-F-8	CHANGE PHASE 8P TO PHASE 1P	0 1	1	E001
	* C-C-1 = NON ZERO			
C-F-0	LAG FAZES "FREE"	2 4 6 8	2 4 6 8	C 170
C-F-1	LAG FAZES "PATTERN 1"			C
C-F-2	LAG FAZES "PATTERN 2"			C
C-F-3	LAG FAZES "PATTERN 3"			C
C-F-4	LAG FAZES "PATTERN 4"			C
C-F-5	LAG FAZES "PATTERN 5"			C
C-F-6	LAG FAZES "PATTERN 6"			C
C-F-7	LAG FAZES "PATTERN 7"			C
C-F-8	LAG FAZES "PATTERN 8"			C
C-F-9	LAG FAZES "PATTERN 9"			C

CODE	FUNCTION	ENTER	DISPLAY	
			LAMPS	TIMING
F-E-3	EVA HOLD TIME	5 E		F005
F-E-7	EVC HOLD TIME	5 E		F005
F-E-A	EV MAX HOLD TIME	40 E		F040
F-C-F	RAM PAGE ACCESS	123 E		F123
E-C-7	ASSIGN 4I6U TO 5I6U	0 5	5	E016
E-C-8	ASSIGN 4I6L TO 5I6L	0 5	5	E016
E-E-7	ASSIGN 8J6U TO 7J6U	0 7	7	E064
E-E-8	ASSIGN 8J6L TO 7J6L	0 7	7	E064
E-C-B	ASSIGN 4I8U/L TO 5I8U/L	0 5	5	E016
E-E-D	ASSIGN 7J9L TO 5J9L	0 5	5	E016
E-D-B	ASSIGN 5I8U/L AS EX, CALL	0 5 7	5 7	E080
E-F-8	RED LOCK 7J6L	0 1 5 6	1 5 6	E049
E-D-5	SET 2I4U/L AS EX	0 5	5	E016
E-F-5	SET 6J4U/L AS EX	0 5	5	E016
E-E-9	REASSIGN 8J7U TO 3J7U	0 3	3	E004
E-E-A	REASSIGN 8J7L TO 3J7L	0 3	3	E004
E-E-4	REASSIGN 6J3L TO 7J3L	0 7	7	E064
E-F-9	RED LOCK 3J7U	1	1 5 6	E049
E-F-A	RED LOCK 3J7L	1	1 5 6	E049
E-C-D	ASSIGN 3I9L TO 1I9L	0 1	1	E001
E-D-0	ADD RED LOCK TO 1I1U/L	0 1 5	1 5	E017
F-C-F	RAM PAGE EXIT	0 E		F000
C-E-1	LAG PHASE Gap-Out "PATTERN 1"	E		C
C-E-2	LAG PHASE Gap-Out "PATTERN 2"	E		C
C-E-3	LAG PHASE Gap-Out "PATTERN 3"	E		C
C-E-4	LAG PHASE Gap-Out "PATTERN 4"	E		C
C-E-5	LAG PHASE Gap-Out "PATTERN 5"	E		C
C-E-6	LAG PHASE Gap-Out "PATTERN 6"	E		C
C-E-7	LAG PHASE Gap-Out "PATTERN 7"	E		C
C-E-8	LAG PHASE Gap-Out "PATTERN 8"	E		C
C-E-9	LAG PHASE Gap-Out "PATTERN 9"	E		C

SCL	87	6.901	EAST TAYLOR ST. & RTE. 87 RAMPS	SJs
County	Route	PM	Location	City

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CODE	FUNCTION	ENTER	DISPLAY		CODE	FUNCTION	ENTER	DISPLAY	
			LAMPS	TIMING				LAMPS	TIMING
D-3-1	STRETCH DET. 2I2U	20 E		d02.0					
D-3-2	STRETCH DET. 2I2L	20 E		d02.0					
D-3-7	STRETCH DET. 5I6U	10 E		d01.0					
D-3-8	STRETCH DET. 5I6L	10 E		d01.0					
D-4-1	STRETCH DET. 6J2U	20 E		d02.0					
D-4-2	STRETCH DET. 6J2L	20 E		d02.0					
D-4-9	STRETCH DET. 3J7U	10 E		d01.0					
D-4-A	STRETCH DET. 3J7L	10 E		d01.0					
D-1-7	DELAY 5I6U	50 E		d05.0					
D-1-8	DELAY 5I6L	20 E		d02.0					
D-1-B	DELAY 5I8U/L	30 E		d03.0					

SCL	87	6.901	EAST TAYLOR ST. & RTE. 87 RAMPS	SJs
County	Route	PM	Location	City

PATTERN 1			
CODE	FUNCTION	ENTER	DISPLAY
C-1-0	CYC. LENG.	E	C
C-1-1	ϕ 1 SPLIT	E	C
C-1-2	ϕ 2 SPLIT	E	C
C-1-3	ϕ 3 SPLIT	E	C
C-1-4	ϕ 4 SPLIT	E	C
C-1-5	ϕ 5 SPLIT	E	C
C-1-6	ϕ 6 SPLIT	E	C
C-1-7	ϕ 7 SPLIT	E	C
C-1-8	ϕ 8 SPLIT	E	C
C-1-A	OFFSET A	E	C 000
C-1-B	OFFSET B	E	C
C-1-C	OFFSET C	E	C

PATTERN 2			
CODE	FUNCTION	ENTER	DISPLAY
C-2-0	CYC. LENG.	E	C
C-2-1	ϕ 1 SPLIT	E	C
C-2-2	ϕ 2 SPLIT	E	C
C-2-3	ϕ 3 SPLIT	E	C
C-2-4	ϕ 4 SPLIT	E	C
C-2-5	ϕ 5 SPLIT	E	C
C-2-6	ϕ 6 SPLIT	E	C
C-2-7	ϕ 7 SPLIT	E	C
C-2-8	ϕ 8 SPLIT	E	C
C-2-A	OFFSET A	E	C 000
C-2-B	OFFSET B	E	C
C-2-C	OFFSET C	E	C

PATTERN 3			
CODE	FUNCTION	ENTER	DISPLAY
C-3-0	CYC. LENG.	E	C
C-3-1	ϕ 1 SPLIT	E	C
C-3-2	ϕ 2 SPLIT	E	C
C-3-3	ϕ 3 SPLIT	E	C
C-3-4	ϕ 4 SPLIT	E	C
C-3-5	ϕ 5 SPLIT	E	C
C-3-6	ϕ 6 SPLIT	E	C
C-3-7	ϕ 7 SPLIT	E	C
C-3-8	ϕ 8 SPLIT	E	C
C-3-A	OFFSET A	E	C 000
C-3-B	OFFSET B	E	C
C-3-C	OFFSET C	E	C

PATTERN 4			
CODE	FUNCTION	ENTER	DISPLAY
C-4-0	CYC. LENG.	E	C
C-4-1	ϕ 1 SPLIT	E	C
C-4-2	ϕ 2 SPLIT	E	C
C-4-3	ϕ 3 SPLIT	E	C
C-4-4	ϕ 4 SPLIT	E	C
C-4-5	ϕ 5 SPLIT	E	C
C-4-6	ϕ 6 SPLIT	E	C
C-4-7	ϕ 7 SPLIT	E	C
C-4-8	ϕ 8 SPLIT	E	C
C-4-A	OFFSET A	E	C 000
C-4-B	OFFSET B	E	C
C-4-C	OFFSET C	E	C

PATTERN 5			
CODE	FUNCTION	ENTER	DISPLAY
C-5-0	CYC. LENG.	E	C
C-5-1	ϕ 1 SPLIT	E	C
C-5-2	ϕ 2 SPLIT	E	C
C-5-3	ϕ 3 SPLIT	E	C
C-5-4	ϕ 4 SPLIT	E	C
C-5-5	ϕ 5 SPLIT	E	C
C-5-6	ϕ 6 SPLIT	E	C
C-5-7	ϕ 7 SPLIT	E	C
C-5-8	ϕ 8 SPLIT	E	C
C-5-A	OFFSET A	E	C 000
C-5-B	OFFSET B	E	C
C-5-C	OFFSET C	E	C

PATTERN 6			
CODE	FUNCTION	ENTER	DISPLAY
C-6-0	CYC. LENG.	E	C
C-6-1	ϕ 1 SPLIT	E	C
C-6-2	ϕ 2 SPLIT	E	C
C-6-3	ϕ 3 SPLIT	E	C
C-6-4	ϕ 4 SPLIT	E	C
C-6-5	ϕ 5 SPLIT	E	C
C-6-6	ϕ 6 SPLIT	E	C
C-6-7	ϕ 7 SPLIT	E	C
C-6-8	ϕ 8 SPLIT	E	C
C-6-A	OFFSET A	E	C 000
C-6-B	OFFSET B	E	C
C-6-C	OFFSET C	E	C

PATTERN 7			
CODE	FUNCTION	ENTER	DISPLAY
C-7-0	CYC. LENG.	E	C
C-7-1	ϕ 1 SPLIT	E	C
C-7-2	ϕ 2 SPLIT	E	C
C-7-3	ϕ 3 SPLIT	E	C
C-7-4	ϕ 4 SPLIT	E	C
C-7-5	ϕ 5 SPLIT	E	C
C-7-6	ϕ 6 SPLIT	E	C
C-7-7	ϕ 7 SPLIT	E	C
C-7-8	ϕ 8 SPLIT	E	C
C-7-A	OFFSET A	E	C 000
C-7-B	OFFSET B	E	C
C-7-C	OFFSET C	E	C

PATTERN 8			
CODE	FUNCTION	ENTER	DISPLAY
C-8-0	CYC. LENG.	E	C
C-8-1	ϕ 1 SPLIT	E	C
C-8-2	ϕ 2 SPLIT	E	C
C-8-3	ϕ 3 SPLIT	E	C
C-8-4	ϕ 4 SPLIT	E	C
C-8-5	ϕ 5 SPLIT	E	C
C-8-6	ϕ 6 SPLIT	E	C
C-8-7	ϕ 7 SPLIT	E	C
C-8-8	ϕ 8 SPLIT	E	C
C-8-A	OFFSET A	E	C 000
C-8-B	OFFSET B	E	C
C-8-C	OFFSET C	E	C

PATTERN 9			
CODE	FUNCTION	ENTER	DISPLAY
C-9-0	CYC. LENG.	E	C
C-9-1	ϕ 1 SPLIT	E	C
C-9-2	ϕ 2 SPLIT	E	C
C-9-3	ϕ 3 SPLIT	E	C
C-9-4	ϕ 4 SPLIT	E	C
C-9-5	ϕ 5 SPLIT	E	C
C-9-6	ϕ 6 SPLIT	E	C
C-9-7	ϕ 7 SPLIT	E	C
C-9-8	ϕ 8 SPLIT	E	C
C-9-A	OFFSET A	E	C 000
C-9-B	OFFSET B	E	C
C-9-C	OFFSET C	E	C

COORD MAX RECALL				
CODE	PATTERN	ENTER	CALL LAMPS	TIMING DATA
D-D-1	1			d
D-D-2	2			d
D-D-3	3			d
D-D-4	4			d
D-D-5	5			d
D-D-6	6			d
D-D-7	7			d
D-D-8	8			d
D-D-9	9			d

COORD MIN RECALL				
CODE	PATTERN	ENTER	CALL LAMPS	TIMING DATA
D-E-1	1			d
D-E-2	2			d
D-E-3	3			d
D-E-4	4			d
D-E-5	5			d
D-E-6	6			d
D-E-7	7			d
D-E-8	8			d
D-E-9	9			d

COORD PED RECALL				
CODE	PATTERN	ENTER	CALL LAMPS	TIMING DATA
D-F-1	1			d
D-F-2	2			d
D-F-3	3			d
D-F-4	4			d
D-F-5	5			d
D-F-6	6			d
D-F-7	7			d
D-F-8	8			d
D-F-9	9			d

SCL	87	6.901	EAST TAYLOR ST. & RTE. 87 RAMPS	SJs
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CONTROL CODE "7"											
TIME OF DAY ACTIVITY TABLE											
KEY STROKES 7 + EVENT # + HOUR + MIN + ACT CODE + "E" + ON/OFF + DOW LT											
EVENT #	TIME	ACTIVITY CODE	DEPRESS "E"	ON/OFF	DAY OF THE WEEK SET DISPLAY LIGHTS 1-7						
				LIGHT	SUN	MON	TUE	WED	THUR	FRI	SAT
				0	1	2	3	4	5	6	7
0	**0630**	2	E	ON		X	X	X	X	X	
1	**0900**	2	E	OFF		X	X	X	X	X	
2	**1445**	3	E	ON		X	X	X	X	X	
3	**1730**	3	E	OFF		X	X	X	X	X	
4			E								
5			E								
6			E								
7			E								
8			E								
9			E								
A			E								
B			E								
C			E								
D			E								
E			E								
F			E								

CONTROL CODE "9"														
TIME OF DAY SELECTION FOR COORDINATED CONTROL PLANS														
KEY STROKES 9 + EVENT # + HOUR + MIN + Control Plan + Offset + "E" + DOW LTS														
DATE	BY	EVENT #	TIME	CONTROL PLAN	OFFSET	DEPRESS "E"	DAY OF THE WEEK SET DISPLAY LIGHTS 1-7							
							SUN	MON	TUE	WED	THUR	FRI	SAT	
							1	2	3	4	5	6	7	
		0				E								
		1				E								
		2				E								
		3				E								
		4				E								
		5				E								
		6				E								
		7				E								
		8				E								
		9				E								
		A				E								
		B				E								
		C				E								
		D				E								
		E				E								
		F				E								

"7" KEY ACTIVITY CODE

1=TYPE OF SIMULTANEOUS PHASE TERMINATION
2=MAX 2 FAZES
3=MAX 3 FAZES
4=CONDITIONAL SERVICE (1ST SELECT) FAZES SET AT E-F-0
5=CONDITIONAL SERVICE (2ND SELECT) FAZES SET AT E-F-1
6=ENERGIZE AUX 6 RED
7=ENERGIZE AUX 6 GREEN
8=ENERGIZE AUX 6 YELLOW
9=CONSTANT CALL ON FAZES SET AT D-F-A
A=TRAFFIC ACTUATED MAX 2 OPERATION
B=CONSTANT CALL ON FAZES SET AT D-F-B
C=YELLOW YIELD COORDINATION
D=YELLOW YIELD COORDINATION
E=COORD FREE IF F-D-4 = 0
F=FLASHING OPERATION

SCL	**87**	**6.901**	**EAST TAYLOR ST. & RTE. 87 RAMPS**	**SJs**
County	Route	PM	Location	City

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INPUT FILE - 332 CABINET

10/26/2004

1	2	3	4	5	6	7	8	9	10	11	12	13	14
1I1U	**2I2U**	**2I3U**	**2I4U**	**3I5U**	***5I6U***	**4I7U**	***5I8U***	**1I9U**		**MANUAL**	**2-PPB**	**6-PPB**	**FLASH SENSE**
RL,EX	EX,CT	EX,CT	*EX*	EX,CT	EX,CT	EX,CT	*CL,EX*	EX,CT					
1I10U	2I11U	2I13U	2I15U	3I16U	4I17U	4I19U	4I1BU	1I1CU			2I1E	6I2E	
TB2 1,2	TB2 5,6	TB2 9,10	TB4 1,2	TB4 5,6	TB4 9,10	TB6 1,2	TB6 5,6	TB6 9,10		TB8 1,3	TB8 4,6	TB8 7,9	TB8 10,12
F-C1/56	F-C1/39	F-C1/63	F-C1/47	F-C1/58	F-C1/41	F-C1/65	F-C1/49	F-C1/60	F	F-C1/80	F-C1-67	F-C1/68	F-C1/81
D	D	D	D	D	D	D	D	D	D	D	D	D	D
E	E	E	E	E	E	E	E	E	E	E	E	E	E
1I1L	**2I2L**	**2I3L**	**2I4L**	**3I5L**	***5I6L***	**4I7L**	***5I8L***	***1I9L***		**SPARE 1**	***5-PPB***	***1-PPB***	**STOP TIME**
RL,EX	EX,CT	EX	*EX*	EX,CT	EX,CT	EX	*CL,EX*	EX,CT					
1I10L	2I12L	2I14L	2I15L	3I16L	4I18L	4I1AL	4I1BL	3I1DL			4I1F	8I2F	
TB2 3,4	TB2 7,8	TB2 11,12	TB4 3,4	TB4 7,8	TB4 11,12	TB6 3,4	TB6 7,8	TB6 11,12		TB8 2,3	TB8 5,6	TB8 8,9	TB8 11,12
W-C1/56	W-C1/43	W-C1/76	W-C1/47	W-C1/58	W-C1/45	W-C1/78	W-C1/49	W-C1/62	W	W-C1/53	W-C1/69	W-C1/70	W-C1/82
J	J	J	J	J	J	J	J	J	J	J	J	J	J
K	K	K	K	K	K	K	K	K	K	K	K	K	K
5J1U	**6J2U**	**6J3U**	**6J4U**	**7J5U**	***7J6U***	***3J7U***	**8J8U**	**5J9U**		**SPARE 2**	**EVA PREMT Ø2 & Ø5**	**EVB PREMT Ø4 & Ø7**	**RR1 PREMT** f2 & f5
EX,CT	EX,CT	EX,CT	*EX*	EX,CT	EX,CT	*EX,CT,RL*	CL,T3	EX,CT					
5J20U	6J21U	6J23U	6J25U	7J26U	8J27U	8J29U	8J2BU	5J2CU					
TB3 1,2	TB3 5,6	TB3 9,10	TB5 1,2	TB5 5,6	TB5 9,10	TB7 1,2	TB7 5,6	TB7 9,10		TB9 1,3	TB9 4,2,6	TB9 7,2,9	TB9 10,12
F-C1/55	F-C1/40	F-C1/64	F-C1/48	F-C1/57	F-C1/42	F-C1/66	F-C1/50	F-C1/59	F	F-C1/54	D-Yellow	D-Yellow	F-C1/51
D	D	D	D	D	D	D	D	D	D	D	E-Orange	E-Orange	D
E	E	E	E	E	E	E	E	E	E	E	K-Blu+Shl	K-Blu+Shl	E
5J1L	**6J2L**	***7J3L***	**6J4L**	**7J5L**	***7J6L***	***3J7L***	**8J8L**	***5J9L***		**SPARE 3**	**EVC PREMT Ø6 & Ø1**	**EVD PREMT Ø8 & Ø3**	**RR2 PREMT** f4 & f7
EX,CT	EX,CT	EX	*EX*	EX,CT	*EX,CT,RL*	*EX,CT,RL*	CL,T3	EX,CT					
5J20L	6J22L	6J24L	6J25L	7J26L	8J28L	8J2AL	8J2BL	7J2DL					
TB3 3,4	TB3 7,8	TB3 11,12	TB5 3,4	TB5 7,8	TB5 11,12	TB7 3,4	TB7 7,8	TB7 11,12		TB9 2,3	TB9 5,2,6	TB9 8,3,9	TB9 11,12
W-C1/55	W-C1/44	W-C1/77	W-C1/48	W-C1/57	W-C1/46	W-C1/79	W-C1/50	W-C1/61	W	W-C1/75	J-Yellow	J-Yellow	W-C1/52
J	J	J	J	J	J	J	J	J	J	J	E-Orange	E-Orange	J
K	K	K	K	K	K	K	K	K	K	K	K-Blu+Shl	K-Blu+Shl	K

OUTPUT FILE

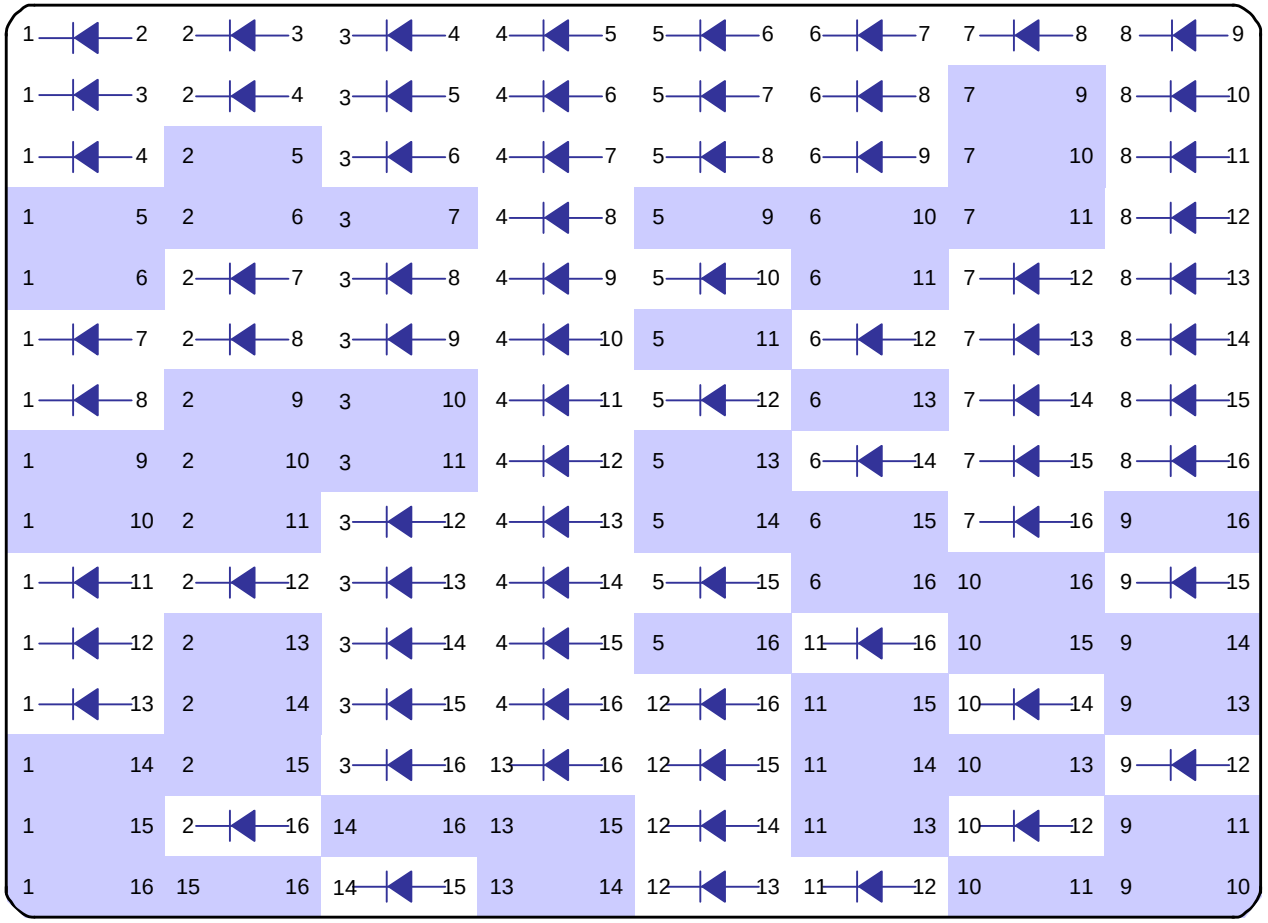
Ø1	Ø2	Ø2P	Ø3	Ø4	*Ø5P*
R-125 C1/16	R-128 C1/12	R-113 C1/10	R-116 C1/7	R-101 C1/4	R-104 C1/2
Y-126 C1/17	Y-129 C1/13	Y-114 C1/35	Y-117 C1/8	Y-102 C1/5	Y-105 C1/37
G-127 C1/18	G-130 C1/15	G-115 C1/11	G-118 C1/9	G-103 C1/6	G-106 C1/3
Ø5	**Ø6**	**Ø6P**	**Ø7**	**Ø8**	***Ø1P***
R-131 C1/32	R-134 C1/29	R-119 C1/27	R-122 C1/24	R-107 C1/21	R-110 C1/19
Y-132 C1/33	Y-135 C1/30	Y-120 C1/36	Y-123 C1/25	Y-108 C1/22	Y-111 C1/38
G-133 C1/34	G-136 C1/31	G-121 C1/28	G-124 C1/26	G-109 C1/23	G-112 C1/20

AUXILIARY

A1 (OVL-C)	A2 (OVL-D)	A3
R-A121C1/97 C5/14	R-A124 C1/94 C5/11	R-A111 C1/91 C5/9 OS1
Y-A122 C1/98 C5/15	Y-A125 C1/95 C5/12	Y-A112 C1/101 C5/18 D-2
G-A123 C1/99 C5/16	G-A126 C1/96 C5/13	G-A113 C1/93 C5/10 D-3
A4 (OVL-A)	**A5 (OVL-B)**	**A6**
R-A114 C1/88 C5/6	R-A101 C1/85 C5/3	R-A104 C1/84 C5/2 OS-2
Y-A115 C1/89 C5/7	Y-A102 C1/86 C5/4	Y-A105 C1/100 C5/17 Flash
G-A116 C1/90 C5/8	G-A103 C1/87 C5/5	G-A106 C1/83 C5/1 OS-3

SCL	87	6.901	EAST TAYLOR ST. & RTE. 87 RAMPS	SJs
County	Route	PM	Location	City

DIODE CARD



CHANNEL	PIN	LOAD SWITCH ASSIGNMENT		PIN
1	9	Ø1 Y	Ø1 G	J
2	1	Ø2 G	Ø2 Y	A
3	12	Ø3 Y	Ø3 G	M
4	4	Ø4 G	Ø4 Y	D
5	7	Ø5 G	Ø5 Y	H
6	3	Ø6 Y	Ø6 G	B
7	10	Ø7 G	Ø7 Y	L
8	6	Ø8 Y	Ø8 G	E
9G	13	OL'A G		
9Y	16	OL'A Y		
10G			OL'B G	R
10Y			OL'B Y	U
11G			OL'C G	S
11Y	15	OL'C Y		
12G			N/U	V
12Y	18	N/U		
13G	2	Ø2P G		
13Y	8	N/U		
14G	5	*Ø5P* G		
14Y	11	N/U		
15G			Ø6P G	C
15Y			N/U	K
16G			*Ø1P* G	F
16Y			N/U	N

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FIELD INPUT/OUTPUT TERMINALS

FIELD INPUT TERMINALS

TB-2	*loops*
1 & 2	**1I1U**
3 & 4	**1I1L**
5 & 6	**2I2U**
7 & 8	**2I2L**
9 & 10	**2I3U**
11 & 12	**2I3L**

TB-3	*loops*
1 & 2	**5J1U**
3 & 4	**5J1L**
5 & 6	**6J2U**
7 & 8	**6J2L**
9 & 10	**6J3U**
11 & 12	***7J3L***

TB-8	*peds*
1	MANUAL
2	SP1
3	COM
4	2-PPB
5	*5-PPB*
6	2-PPB & *5-PPB, COM
7	6-PPB
8	*1-PPB*
9	6-PPB & *1-PPB, COM

TB-4	*loops*
1 & 2	**2I4U**
3 & 4	**2I4L**
5 & 6	**3I5U**
7 & 8	**3I5L**
9 & 10	***5I6U***
11 & 12	***5I6L***

TB-5	*loops*
1 & 2	**6J4U**
3 & 4	**6J4L**
5 & 6	**7J5U**
7 & 8	**7J5L**
9 & 10	***7J6U***
11 & 12	***7J6L***

TB-6	*loops*
1 & 2	**4I7U**
3 & 4	**4I7L**
5 & 6	***5I8U***
7 & 8	***5I8L***
9 & 10	**1I9U**
11 & 12	***1I9L***

TB-7	*loops*
1 & 2	***3J7U***
3 & 4	***3J7L***
5 & 6	**8J8U**
7 & 8	**8J8L**
9 & 10	**5J9U**
11 & 12	***5J9L***

	TB-9	*emergency pre-emp.*
	1-SP2	
** SP3	2-EV A & C PWR.	→ ORN Wires to EV A & C
** COM	3-EV B & D Pwr.	→ ORN Wires to EV B & D
	4-EVA Actuation	→ YEL Wire to EV A
	5-EVC Actuation	→ YEL Wire to EV C
	6-EV A & C COM	→ Blu+shields to EV A & C
	7-EVB Actuation	→ YEL Wire to EV B
	8-EVD Actuation	→ YEL Wire to EV D
	9-EV B & D COM	→ Blu+shields to EV B & D
	10-RR1	
	11-RR2	
	12-COM	

****J11-J to J12-E / J11-K to J13-E for opto probe pwr.**

FIELD OUTPUT TERMINALS

101	**Ø4** - RED	113	**Ø2P** - DON'T WALK	125	**Ø1** - RED
102	**Ø4** - YELLOW	114		126	**Ø1** - YELLOW
103	**Ø4** - GREEN	115	**Ø2P** - WALK	127	**Ø1** - GREEN
104	***Ø5P*** - DON'T WALK	116	**Ø3** - RED	128	**Ø2** - RED
105		117	**Ø3** - YELLOW	129	**Ø2** - YELLOW
106	***Ø5P*** - WALK	118	**Ø3** - GREEN	130	**Ø2** - GREEN
107	**Ø8** - RED	119	**Ø6P** - DON'T WALK	131	**Ø5** - RED
108	**Ø8** - YELLOW	120		132	**Ø5** - YELLOW
109	**Ø8** - GREEN	121	**Ø6P** - WALK	133	**Ø5** - GREEN
110	***Ø1P*** - DON'T WALK	122	**Ø7** - RED	134	**Ø6** - RED
111		123	**Ø7** - YELLOW	135	**Ø6** - YELLOW
112	***Ø1P*** - WALK	124	**Ø7** - GREEN	136	**Ø6** - GREEN

AUX. FIELD OUTPUT TERMINALS

A101	**OVL-B RED** (A5)	A111		A121	**OVL-C RED** (A1)
A102	**OVL-B YELLOW**	A112		A122	**OVL-C YELLOW**
A103	**OVL-B GREEN**	A113		A123	**OVL-C GREEN**
A104		A114	**OVL-A RED** (A4)	A124	**OVL-D RED** (A2)
A105		A115	**OVL-A YELLOW**	A125	**OVL-D YELLOW**
A106		A116	**OVL-A GREEN**	A126	**OVL-D GREEN**

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