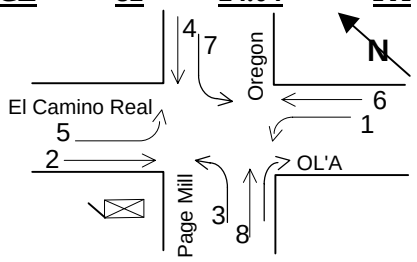
INTERVAL	TIMING FUNCTION	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
0	WALK		6		6		6		6
1	FLASHING DON'T WALK		23		22		23		20
2	MINIMUM INITIAL	6	10	4	8	6	10	4	8
3	TYPE 3 DET. DISCONNECT	0	0	0	0	0	0	0	0
4	ADDED SEC./ACTUATION	0	0	0	0	0	0	0	0
5	PASSAGE	2	2	2	2	2	2	2	2
6	MAXIMUM GAP	3	3	3	3	3	3	3	3
7	MINIMUM GAP	1	1	1	1	1	1	1	1
8	MAXIMUM EXTENSION I	14	25	20	28	18	25	20	28
9	MAXIMUM EXTENSION II				40			24	
A	MAXIMUM EXTENSION III								38
B									
C	SEC. OF GAP REDUCED	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
D	PER SEC. OF INTERVAL	0.8	1	0.8	0.8	0.8	1	1	0.8
E	YELLOW	3	4	3	4	3	4	3	4
F	RED CLEARANCE	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

TURN ON	TIMING CHANGE BY:	REMARKS				FILE
1555 CEW/SM	HZ	ALL RED FLASH				MAINT
DATE	DATE	Print Date	By	FILENAME	E#	OPERATION
10/15/80	07/21/05	Jul 28,'05	HZ	SCL-082-24.040.xls	37G2	8ϕ Bus Priority

COUNTY	ROUTE	PM	CITY	INTERSECTION	PROGRAM
SCL	**82**	**24.04**	**PA**	**PAGE MILL EXPY / OREGON EXPY & ECR**	**C8V4** Local 1



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******

Y-Connector needed for OL'A- 2PY (GRN), 4PY (YEL), 8PY (RED)

496 MODEM REQ'D - MASTER @ CALIFORNIA & ECR

170 E CONTROLLER REQ'D - SET ACIA FREQ JUMPER TO (2)-153.6kHz

INTERVAL	FLAG FUNCTION	DISPLAY	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
0	PERMITTED PHASES	F 255	ON	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 170		ON		ON		ON		ON
6	OVERLAP A									
7	OVERLAP B									
8	DOUBLE ENTRY	F 170		ON		ON		ON		ON
9	MAX EXT. II	F 072				ON			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 128								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	C8V4	E# 147	F7EF	U2	C8V4		

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

CODE	FUNCTION	ENTER	DISPLAY LAMPS	DISPLAY TIMING
F-0-E	MAXIMUM VARIABLE INITIAL	20 E		F 020
F-0-F	RED REVERT	20 E		F 02.0
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 001
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
D-3-7	Stretch Det. 4I6U	15 E		d01.5
D-3-9	Stretch Det. 4I7U	15 E		d01.5
D-4-7	Stretch Det. 8J6U	15 E		d01.5
D-4-8	Stretch Det. 8J6L	15 E		d01.5
*E-E-A	OL'A NOT on with phases 2 & 7	2 7	2 7	E066
*E-F-A	OL'A ON with phases 1 & 8	1 8	1 8	E129
	*Must be set during initialization			
C-F-0	LAG FAZES "FREE"	2 4 6 8	2 4 6 8	C 170
C-F-1	LAG FAZES "PATTERN 1"	2 4 6 7	2 4 6 7	C 106
C-F-2	LAG FAZES "PATTERN 2"	2 4 5 8	2 4 5 8	C 154
C-F-3	LAG FAZES "PATTERN 3"	2 4 6 8	2 4 6 8	C 170
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	DISPLAY TIMING
F-E-8	EV D Delay	7 E		F007
F-E-9	EV D Hold	5 E		F005
F-E-A	EV MAX TIME	35 E		F035
F-C-F	RAM Access	123 E		F123
E-E-D	Reassign 7J9L to 5J9L	0 5	5	E016
E-C-D	Reassign 3I9L to 1I9L	0 1	1	E001
E-C-8	Reassign 4I6L to 2I6L	0 2	2	E002
E-E-A	Reassign 8J7L to 1J7L	0 1	1	E001
E-D-5	Set 2I4U/L as EX,CT	0 5 6	5 6	E048
E-F-5	Set 6J4U/L as EX, CT	0 5 6	5 6	E048
E-D-B	Set 4I8U/L as EX, CT	0 5 6	5 6	E048
E-F-B	Set 8J8U/L as EX, CT	0 5 6	5 6	E048
F-C-F	RAM Exit	0 E		F000
D-3-1	Stretch Det. 2I2U	15 E		d01.5
D-3-3	Stretch Det. 2I3U	15 E		d01.5
D-4-1	Stretch Det. 6J2U	15 E		d01.5
D-4-3	Stretch Det. 6J3U	15 E		d01.5
C-E-1	LAG PHASE Gap-Out "PATTERN 1"	E		C
C-E-2	LAG PHASE Gap-Out "PATTERN 2"	5 E		C 005
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	82	24.04	PAGE MILL EXPY / OREGON EXPY & ECR	PA
County	Route	PM	Location	City

PATTERN 1

CODE	FUNCTION	ENTER	DISPLAY
C-1-0	CYC. LENG.	130 E	C 130
C-1-1	ϕ 1 SPLIT	18 E	C 018
C-1-2	ϕ 2 SPLIT	E	C
C-1-3	ϕ 3 SPLIT	18 E	C 018
C-1-4	ϕ 4 SPLIT	45 E	C 045
C-1-5	ϕ 5 SPLIT	18 E	C 018
C-1-6	ϕ 6 SPLIT	E	C
C-1-7	ϕ 7 SPLIT	28 E	C 028
C-1-8	ϕ 8 SPLIT	35 E	C 035
C-1-A	OFFSET A	121 E	C 121
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.	120 E	C 120
C-2-1	ϕ 1 SPLIT	18 E	C 018
C-2-2	ϕ 2 SPLIT	E	C
C-2-3	ϕ 3 SPLIT	20 E	C 020
C-2-4	ϕ 4 SPLIT	36 E	C 036
C-2-5	ϕ 5 SPLIT	14 E	C 014
C-2-6	ϕ 6 SPLIT	E	C
C-2-7	ϕ 7 SPLIT	20 E	C 020
C-2-8	ϕ 8 SPLIT	36 E	C 036
C-2-A	OFFSET A	108 E	C 108
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.	130 E	C 130
C-3-1	ϕ 1 SPLIT	20 E	C 020
C-3-2	ϕ 2 SPLIT	E	C
C-3-3	ϕ 3 SPLIT	22 E	C 022
C-3-4	ϕ 4 SPLIT	38 E	C 038
C-3-5	ϕ 5 SPLIT	24 E	C 024
C-3-6	ϕ 6 SPLIT	E	C
C-3-7	ϕ 7 SPLIT	22 E	C 022
C-3-8	ϕ 8 SPLIT	38 E	C 038
C-3-A	OFFSET A	125 E	C 125
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	82	24.04	PAGE MILL EXPY / OREGON EXPY & ECR	PA
County	Route	PM	LOCATION	CITY

CONTROL CODE "7"

TIME OF DAY ACTIVITY TABLE

KEY STROKES 7 + EVENT # + HOUR + MIN + ACT CODE + "E" + ON/OFF + DOW L

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	**0715**	2	E	ON		X	X	X	X	X	
1	**0930**	2	E	OFF		X	X	X	X	X	
2	**1000**	2	E	ON	X						X
3	**1900**	2	E	OFF	X						X
4	**1430**	3	E	ON		X	X	X	X	X	
5	**2000**	3	E	OFF		X	X	X	X	X	
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

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	**0645**	**2**	**A**	E		X	X	X	X	X	
		1	**0730**	**1**	**A**	E		X	X	X	X	X	
		2	**0930**	**2**	**A**	E	X	X	X	X	X	X	X
		3				E							
		4	**1500**	**3**	**A**	E		X	X	X	X	X	
		5	**1900**	**2**	**A**	E		X	X	X	X	X	
		6	**2100**	**E**	**A**	E	X	X	X	X	X	X	
		7				E							
		8	**1900**	**E**		E							X
		9				E							
		A				E							
		B				E							
		C				E							
		D				E							
		E				E							
		F				E							

SCL	82	24.04	PAGE MILL EXPY / OREGON EXPY & ECR	PA
County	Route	PM	Location	City

INPUT FILE - 332 CABINET

7/28/2005

1	2	3	4	5	6	7	8	9	10	11	12	13	14
1I1U EX,CT 1I10U TB2 1,2 F-C1/56 D E	**2I2U** EX,CT 2I11U TB2 5,6 F-C1/39 D E	**2I3U** EX,CT 2I13U TB2 9,10 F-C1/63 D E	**2I4U** *EX, CT* 2I15U TB4 1,2 F-C1/47 D E	**3I5U** EX,CT 3I16U TB4 5,6 F-C1/58 D E	**4I6U** EX,CT 4I17U TB4 9,10 F-C1/41 D E	**4I7U** EX,CT 4I19U TB6 1,2 F-C1/65 D E	**4I8U** *EX, CT* 4I1BU TB6 5,6 F-C1/49 D E	**1I9U** EX,CT 1I1CU TB6 9,10 F-C1/60 D E	 F D E	**MANUAL** TB8 1,3 F-C1/80 D E	**2-PPB** 2I1E TB8 4,6 F-C1-67 D E	**6-PPB** 6I2E TB8 7,9 F-C1/68 D E	**FLASH SENSE** TB8 10,12 F-C1/81 D E
1I1L EX,CT 1I10L TB2 3,4 W-C1/56 J K	**2I2L** EX,CT 2I12L TB2 7,8 W-C1/43 J K	**2I3L** EX 2I14L TB2 11,12 W-C1/76 J K	**2I4L** *EX, CT* 2I15L TB4 3,4 W-C1/47 J K	**3I5L** EX,CT 3I16L TB4 7,8 W-C1/58 J K	**4I6L** EX,CT 4I18L TB4 11,12 W-C1/45 J K	**4I7L** EX 4I1AL TB6 3,4 W-C1/78 J K	**4I8L** *EX, CT* 4I1BL TB6 7,8 W-C1/49 J K	**3I9L** EX,CT 3I1DL TB6 11,12 W-C1/62 J K	 W J K	**BBS DC ISO** TB8 2,3 W-C1/53 J K	**4-PPB** 4I1F TB8 5,6 W-C1/69 J K	**8-PPB** 8I2F TB8 8,9 W-C1/70 J K	**STOP TIME** TB8 11,12 W-C1/82 J K
5J1U EX,CT 5J20U TB3 1,2 F-C1/55 D E	**6J2U** EX,CT 6J21U TB3 5,6 F-C1/40 D E	**6J3U** EX,CT 6J23U TB3 9,10 F-C1/64 D E	**6J4U** *EX, CT* 6J25U TB5 1,2 F-C1/48 D E	**7J5U** EX,CT 7J26U TB5 5,6 F-C1/57 D E	**8J6U** EX,CT 8J27U TB5 9,10 F-C1/42 D E	**8J7U** EX,CT 8J29U TB7 1,2 F-C1/66 D E	**8J8U** *EX, CT* 8J2BU TB7 5,6 F-C1/50 D E	**5J9U** EX,CT 5J2CU TB7 9,10 F-C1/59 D E	 F D E	**SPARE 2** TB9 1,3 F-C1/54 D E	**EVA PREMT Ø2 & Ø5** TB9 4,2,6 D-Yellow E-Orange K-Blu+Shl	**EVB PREMT Ø4 & Ø7** TB9 7,2,9 D-Yellow E-Orange K-Blu+Shl	**RR1 PREMT ϕ2 & ϕ5** TB9 10,12 F-C1/51 D E
5J1L EX,CT 5J20L TB3 3,4 W-C1/55 J K	**6J2L** EX,CT 6J22L TB3 7,8 W-C1/44 J K	**6J3L** EX 6J24L TB3 11,12 W-C1/77 J K	**6J4L** *EX, CT* 6J25L TB5 3,4 W-C1/48 J K	**7J5L** EX,CT 7J26L TB5 7,8 W-C1/57 J K	**8J6L** EX,CT 8J28L TB5 11,12 W-C1/46 J K	***1J7L*** EX 8J2AL TB7 3,4 W-C1/79 J K	**8J8L** *EX, CT* 8J2BL TB7 7,8 W-C1/50 J K	**7J9L** EX,CT 7J2DL TB7 11,12 W-C1/61 J K	 W J K	**SPARE 3** TB9 2,3 W-C1/75 J K	**EVC PREMT Ø6 & Ø1** TB9 5,2,6 J-Yellow E-Orange K-Blu+Shl	**EVD PREMT Ø8 & Ø3** TB9 8,3,9 J-Yellow E-Orange K-Blu+Shl	**RR2 PREMT ϕ4 & ϕ7** TB9 11,12 W-C1/52 J K

OUTPUT FILE

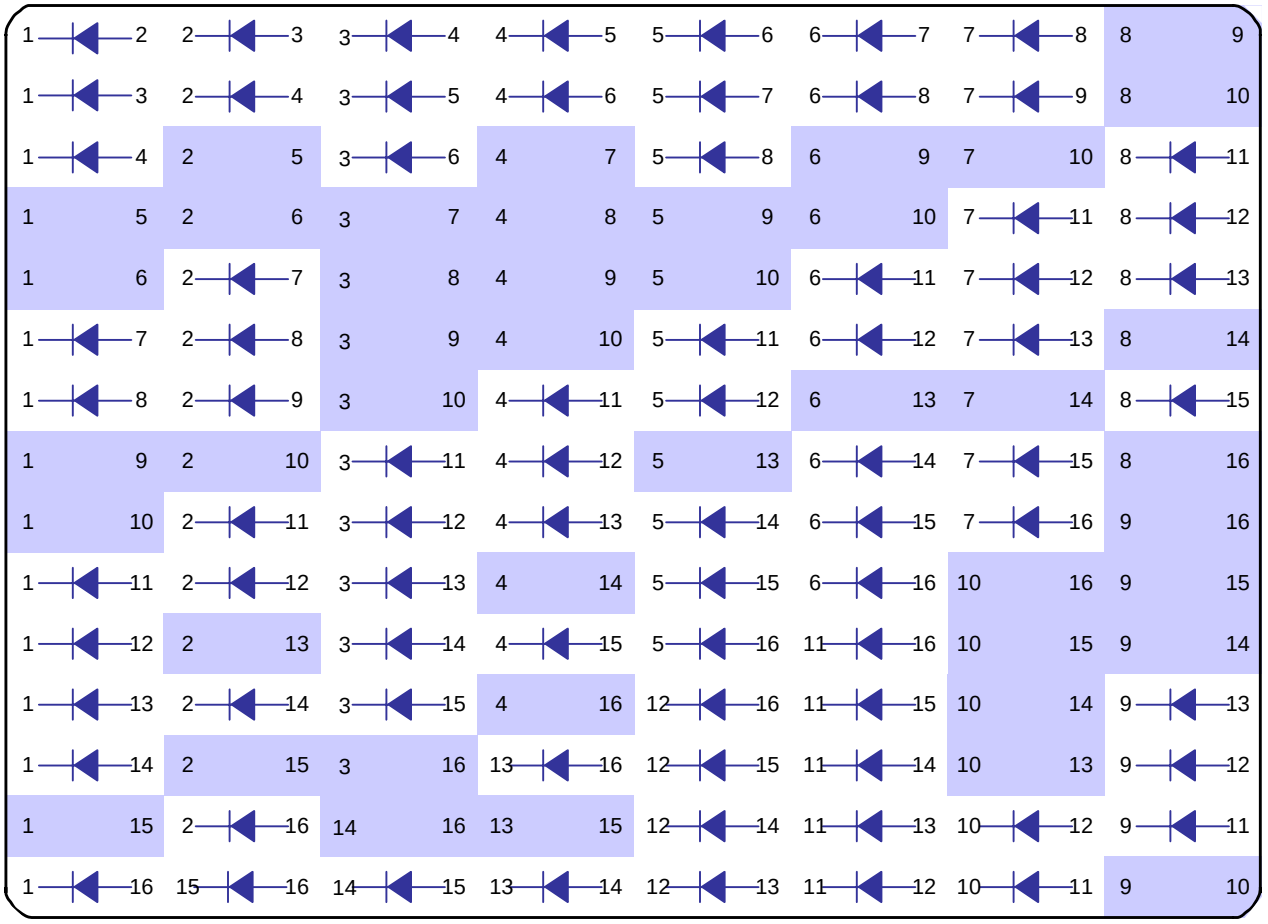
Ø1	**Ø2**	**Ø2P**	**Ø3**	**Ø4**	**Ø4P**
R-125 C1/16	R-128 C1/12	R-113 C1/10	R-116 C1/7	R-101 C1/4	R-104 C1/2
Y-126 C1/17	Y-129 C1/13	*OL'A GRN*	Y-117 C1/8	Y-102 C1/5	*OL'A YEL*
G-127 C1/18	G-130 C1/15	G-115 C1/11	G-118 C1/9	G-103 C1/6	G-106 C1/3
Ø5	**Ø6**	**Ø6P**	**Ø7**	**Ø8**	**Ø8P**
R-131 C1/32	R-134 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	*OL'A RED*
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	**82**	**24.04**	**PAGE MILL EXPY / OREGON EXPY & ECR**	**PA**
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	Ø2P Y	OL'A G	
9Y	16	Ø4P Y	OL'A Y	
10G			Ø6P Y	R
10Y		OL'A R	Ø8P Y	U
11G			N/U	S
11Y	15	N/U		
12G			N/U	V
12Y	18	N/U		
13G	2	Ø2P G		
13Y	8	N/U		
14G	5	Ø4P G		
14Y	11	N/U		
15G			Ø6P G	C
15Y			N/U	K
16G			Ø8P 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	6J3L

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

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

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

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

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

	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	OL'A GRN	126	**Ø1** - YELLOW
103	**Ø4** - GREEN	115	**Ø2P** - WALK	127	**Ø1** - GREEN
104	**Ø4P** - DON'T WALK	116	**Ø3** - RED	128	**Ø2** - RED
105	OL'A YEL	117	**Ø3** - YELLOW	129	**Ø2** - YELLOW
106	**Ø4P** - 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	**Ø8P** - DON'T WALK	122	**Ø7** - RED	134	**Ø6** - RED
111	OL'A RED	123	**Ø7** - YELLOW	135	**Ø6** - YELLOW
112	**Ø8P** - 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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