

\*\*\*\*\* AIR EMISSIONS \*\*\*\*\*

Revision 7/95 (includes 1993 CEQA Air Quality Handbook Update)

Project: 2000 Ave of the Stars - Existing Uses  
Study Year: 2001

\*\*\*\*\* Vehicular Emissions

Emission Factor Sources: Emfac 2000 v2.02

Speed (mph)=	25				
Number of Trips=	19,161				
Average Trip Length=	9.0				
Vehicle Miles Traveled=	172,449				
Pollutant	CO	ROG	NOx	PM10	SOx
Factor (gm/mi)	13.93	0.94	1.74	0.07	0.29
Emis. (Lb/Dy)	5296.28	357.36	662.06	27.73	110.25
Emis. (Tn/Dy)	2.65	0.18	0.33	0.01	0.06
Factor (gm/trip)	23.29	1.80	3.27	0.01	0.00
Emis. (Lb/Dy)	984.02	76.03	138.02	0.37	0.00
Emis. (Tn/Dy)	0.49	0.04	0.07	0.00	0.00
Total Vehicular Emissions (Lb/Dy)	6280.30	433.39	800.09	28.10	110.25
Total Vehicular Emissions(Tn/Dy)	3.14	0.22	0.40	0.01	0.06

\*\*\*\*\* ON SITE EMISSIONS DUE TO NATURAL GAS COMBUSTION

Source: April 1993 CEQA Hand Handbook

Unit Type	Ft3/DU/Mo.	DU or Ft2*	Gas Use (Ft3/Day)		
Single Fam.	6665	0	0		
Mult. Fam. <=4	4105	0	0		
Mult. Fam. >=5	3918	0	0		
	Ft3/Ft2/Mo.		0	Subtotal for Residential	
Office	2	332,856	21,827		
Retail	2.9	425,140	40,423		
Hotel/Motel	4.8	0	0		
	Ft3/Customer/Mo.	Customers/Mo.	62,250	Subtotal for Retail/Commercial	
Industrial	2936.6	0	0		
			0	Subtotal for Industrial	
	Total (Ft2)	757,996	62,250	Total	
Pollutant	CO	ROG	NOx	PM10	SOx
Factor (lbs/10*6 ft3)	20	5.3	0.7	0.2	0
Emis. (Lb/Dy)	1.24	0.33	7.47	0.01	0.00
Emis. (Tn/Dy)	0.00	0.00	0.00	0.00	0.00

\*\*\*\*\* OFF SITE EMISSIONS DUE ELECTRICAL GENERATION

Source: April 1993 CEQA Hand Handbook

Unit Type	SCE KWH/Unit/Yr	LADWP KWH/Unit/Yr	Number of Units or Ft2	Electrical Use (KWH/Day)	
Residential	6081	5172	0	0	
	KWH/Ft2/Yr.	KWH/Ft2/Yr.			
Office	8.8	17.1	332,856	8,025	
Restaurant	47.3	47.6	156,283	20,253	
Retail	11.8	15.3	61,970	2,003	
Food Store	51.4	55.2	0	0	
Warehouse	3.4	5.3	0	0	
Elementary School	6.3	5.5	0	0	
College	11.6	11.5	0	0	
Hospital	17.9	25.5	0	0	
Hotel/Motel	6.8	13.1	0	0	
Miscellaneous	8.8	12.2	206,887	4,988	
	KVA	Hours			
Direct Usage	0	0		0	
		Total (Ft2)	757,996	35,269	Total
Contaminant	CO	ROG	NOx	PM10	SOx
Factor (lbs/MWH)	0.2	0.01	1.15	0.04	0.12
Emis. (Lb/Dy)	7.05	0.35	40.56	1.41	4.23
Emis. (Tn/Dy)	0.00	0.00	0.02	0.00	0.00

\*\*\*\*\* TOTAL EMISSIONS \*\*\*\*\*

Contaminant	CO	ROG	NOx	PM10	SOx
Emis. (Lb/Dy)	6288.60	434.07	848.12	29.52	114.48
Emis. (Tn/Dy)	3.14	0.22	0.42	0.01	0.06
2010 SCAB (Tn/Dy)	3341.00	769.00	697.00	457.00	70.00
Percent Regional	0.094%	0.028%	0.061%	0.003%	0.082%



\*\*\*\*\* AIR EMISSIONS \*\*\*\*\*

Revision 7/95 (includes 1993 CEQA Air Quality Handbook Update)

Project: 2000 Ave of the Stars - Proposed Project  
Study Year: 2005

\*\*\*\*\* Vehicular Emissions

Emission Factor Sources: Emlac 2000 v2.02

Speed (mph)=	25				
Number of Trips=	12,450				
Average Trip Length=	9.0				
Vehicle Miles Traveled=	112,050				
<b>Pollutant</b>	<b>CO</b>	<b>ROG</b>	<b>NOx</b>	<b>PM10</b>	<b>SOx</b>
Factor (gm/mi)	9.02	0.61	1.27	0.07	0.29
Emis. (Lb/Dy)	2229.28	149.96	313.67	17.09	71.64
Emis. (Tn/Dy)	1.11	0.07	0.16	0.01	0.04
Factor (gm/trip)	16.62	1.25	2.53	0.01	0.00
Emis. (Lb/Dy)	456.28	34.30	69.34	0.25	0.00
Emis. (Tn/Dy)	0.23	0.02	0.03	0.00	0.00
Total Vehicular Emissions (Lb/Dy)	2685.55	184.26	383.01	17.34	71.64
Total Vehicular Emissions(Tn/Dy)	1.34	0.09	0.19	0.01	0.04

\*\*\*\*\* ON SITE EMISSIONS DUE TO NATURAL GAS COMBUSTION

Source: April 1993 CEQA Hand Handbook

<b>Unit Type</b>	<b>F13/DU/Mo.</b>	<b>DU or F12*</b>	<b>Gas Use (F13/Day)</b>		
Single Fam.	6665	0	0		
Mult. Fam. <=4	4105	0	0		
Mult. Fam. >=5	3918	0	0		
	F13/F12/Mo.		0	Subtotal for Residential	
Office	2	763,900	50,092		
Retail	2.9	61,912	5,887		
Hotel/Motel	4.8	0	0		
	F13/Customer/Mo.	Customers/Mo.	55,979	Subtotal for Retail/Commercial	
Industrial	2936.6	0	0		
			0	Subtotal for Industrial	
	Total (F12)	825,812	55,979	Total	
<b>Pollutant</b>	<b>CO</b>	<b>ROG</b>	<b>NOx</b>	<b>PM10</b>	<b>SOx</b>
Factor (lbs/10^6 ft3)	20	5.3	0.7	0.2	0
Emis. (Lb/Dy)	1.12	0.30	6.72	0.01	0.00
Emis. (Tn/Dy)	0.00	0.00	0.00	0.00	0.00

\*\*\*\*\* OFF SITE EMISSIONS DUE ELECTRICAL GENERATION

Source: April 1993 CEQA Hand Handbook

<b>Unit Type</b>	<b>SCE KWH/Unit/Yr</b>	<b>LADWP KWH/Unit/Yr</b>	<b>Number of Units or F12</b>	<b>Electrical Use (KWH/Day)</b>	
Residential	6081	5172	0	0	
	KWH/F12/Yr.	KWH/F12/Yr.			
Office	8.8	17.1	763,900	18,417	
Restaurant	47.3	47.6	32,023	4,150	
Retail	11.8	15.3	19,214	621	
Food Store	51.4	55.2	0	0	
Warehouse	3.4	5.3	0	0	
Elementary School	6.3	5.5	0	0	
College	11.6	11.5	0	0	
Hospital	17.9	25.5	0	0	
Hotel/Motel	6.8	13.1	0	0	
Miscellaneous	8.8	12.2	10,675	257	
Direct Usage	0	0	0	0	
		Total (F12)	825,812	23,446	
				Total	
<b>Contaminant</b>	<b>CO</b>	<b>ROG</b>	<b>NOx</b>	<b>PM10</b>	<b>SOx</b>
Factor (lbs/MWH)	0.2	0.01	1.15	0.04	0.12
Emis. (Lb/Dy)	4.69	0.23	26.96	0.94	2.81
Emis. (Tn/Dy)	0.00	0.00	0.01	0.00	0.00

\*\*\*\*\* TOTAL EMISSIONS \*\*\*\*\*

<b>Contaminant</b>	<b>CO</b>	<b>ROG</b>	<b>NOx</b>	<b>PM10</b>	<b>SOx</b>
Emis. (Lb/Dy)	2691.36	184.79	416.69	18.29	74.45
Emis. (Tn/Dy)	1.35	0.09	0.21	0.01	0.04
2010 SCAB (Tn/Dy)	3341.00	769.00	697.00	457.00	70.00
Percent Regional	0.040%	0.012%	0.030%	0.002%	0.053%

\*\*\*\*\* AIR EMISSIONS \*\*\*\*\*

Revision 7/95 (includes 1993 CEQA Air Quality Handbook Update)

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Study Year: 2005

\*\*\*\*\* Vehicular Emissions

Emission Factor Sources: Emfac 2000 v2.02

Speed (mph)=	25				
Number of Trips=	19,161				
Average Trip Length=	9.0				
Vehicle Miles Traveled=	172,449				
Pollutant	CO	ROG	NOx	PM10	SOx
Factor (gm/mi)	9.02	0.61	1.27	0.07	0.29
Emis. (Lb/Dy)	3430.94	230.79	482.75	26.30	110.25
Emis. (Tn/Dy)	1.72	0.12	0.24	0.01	0.06
Factor (gm/trip)	16.62	1.25	2.53	0.01	0.00
Emis. (Lb/Dy)	702.23	52.79	106.72	0.39	0.00
Emis. (Tn/Dy)	0.35	0.03	0.05	0.00	0.00
Total Vehicular Emissions (Lb/Dy)	4133.17	283.58	589.47	26.69	110.25
Total Vehicular Emissions(Tn/Dy)	2.07	0.14	0.29	0.01	0.06

\*\*\*\*\* ON SITE EMISSIONS DUE TO NATURAL GAS COMBUSTION

Source: April 1993 CEQA Hand Handbook

Unit Type	Ft3/DU/Mo.	DU or Ft2*	Gas Use (Ft3/Day)		
Single Fam.	6665	0	0		
Mult. Fam. <=4	4105	0	0		
Mult. Fam. >=5	3918	0	0		
	Ft3/Ft2/Mo.		0	Subtotal for Residential	
Office	2	332,856	21,827		
Retail	2.9	425,140	40,423		
Hotel/Motel	4.8	0	0		
	Ft3/Customer/Mo.	Customers/Mo.	62,250	Subtotal for Retail/Commercial	
Industrial	2936.6	0	0		
			0	Subtotal for Industrial	
	Total (Ft2)	757,996	62,250	Total	
Pollutant	CO	ROG	NOx	PM10	SOx
Factor (lbs/10*6 ft3)	20	5.3	0.7	0.2	0
Emis. (Lb/Dy)	1.24	0.33	7.47	0.01	0.00
Emis. (Tn/Dy)	0.00	0.00	0.00	0.00	0.00

\*\*\*\*\* OFF SITE EMISSIONS DUE ELECTRICAL GENERATION

Source: April 1993 CEQA Hand Handbook

Unit Type	SCE KWH/Unit/Yr	LADWP KWH/Unit/Yr	Number of Units or Ft2	Electrical Use (KWH/Day)	
Residential	6081	5172	0	0	
	KWH/Ft2/Yr.	KWH/Ft2/Yr.			
Office	8.8	17.1	332,856	8,025	
Restaurant	47.3	47.6	156,283	20,253	
Retail	11.8	15.3	61,970	2,003	
Food Store	51.4	55.2	0	0	
Warehouse	3.4	5.3	0	0	
Elementary School	6.3	5.5	0	0	
College	11.6	11.5	0	0	
Hospital	17.9	25.5	0	0	
Hotel/Motel	6.8	13.1	0	0	
Miscellaneous	8.8	12.2	206,887	4,988	
	KVA	Hours			
Direct Usage	0	0		0	
		Total (Ft2)	757,996	35,269	Total
Contaminant	CO	ROG	NOx	PM10	SOx
Factor (lbs/MWH)	0.2	0.01	1.15	0.04	0.12
Emis. (Lb/Dy)	7.05	0.35	40.56	1.41	4.23
Emis. (Tn/Dy)	0.00	0.00	0.02	0.00	0.00

\*\*\*\*\* TOTAL EMISSIONS \*\*\*\*\*

Contaminant	CO	ROG	NOx	PM10	SOx
Emis. (Lb/Dy)	4141.46	284.26	637.50	28.12	114.48
Emis. (Tn/Dy)	2.07	0.14	0.32	0.01	0.06
2010 sCAB (Tn/Dy)	3341.00	769.00	697.00	457.00	70.00
Percent Regional	0.062%	0.018%	0.046%	0.003%	0.082%

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 1

JOB: Santa Monica at Beverly Glen Exist  
 RUN: (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

## I. SITE VARIABLES

U= .5 M/S                      Z0= 100. CM                      ALT= 0. (FT)  
 BRG= WORST CASE              VD= .0 CM/S  
 CLAS= 6 (F)                    VS= .0 CM/S  
 MIXH= 1000. M                 AMB= .0 PPM  
 SIGTH= 10. DEGREES            TEMP= 10.0 DEGREE (C)

## II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (FT)				* *	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
		X1	Y1	X2	Y2						
A. BGNSMN1	*	-350	1275	-265	390	*	AG	2445	15.1	.0	92.0
B. BGNSMN2	*	-265	390	0	0	*	AG	2445	15.1	.0	92.0
C. BGSSMS	*	0	0	75	-90	*	AG	2074	15.1	.0	80.0
D. BGSSMS1	*	75	-90	310	-400	*	AG	1894	15.1	.0	80.0
E. BGSSMS2	*	310	-400	450	-1465	*	AG	1894	15.1	.0	80.0
F. SMNWBG	*	-1100	-775	0	0	*	AG	3069	15.1	.0	104.0
G. SMNEBG	*	0	0	975	675	*	AG	3422	15.1	.0	104.0
H. SMSWBG	*	-1100	-915	75	-90	*	AG	1444	15.1	.0	68.0
I. SMSEBG	*	75	-90	975	525	*	AG	1596	15.1	.0	68.0

## III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (FT)		
		X	Y	Z
1. 1	*	11	83	5.0
2. 2	*	-81	19	5.0
3. 3	*	-1	-77	5.0
4. 4	*	81	-19	5.0
5. 5	*	88	-28	5.0
6. 6	*	6	-85	5.0
7. 7	*	61	-154	5.0
8. 8	*	143	-97	5.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 2

JOB: Santa Monica at Beverly Glen Exist  
 RUN: (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	* BRG (DEG)	* PRED * CONC (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. 1	* 224.	* 5.8 *	.0	1.6	.0	.0	.0	3.3	.3	.7
2. 2	* 67.	* 6.0 *	.0	1.6	.0	.0	.0	.3	3.5	.0
3. 3	* 339.	* 5.7 *	.9	2.3	.5	.0	.0	2.0	.0	.0
4. 4	* 243.	* 5.1 *	.0	.0	1.5	.0	.0	3.4	.2	.0
5. 5	* 311.	* 4.6 *	.0	2.1	.4	.0	.0	.0	2.0	.0
6. 6	* 338.	* 5.6 *	.9	2.3	.6	.0	.0	1.8	.0	.0
7. 7	* 336.	* 5.8 *	.8	1.5	1.1	.1	.0	.7	.4	1.1
8. 8	* 311.	* 4.9 *	.0	1.4	.9	.2	.0	.2	1.0	.0

RECEPTOR	* (PPM) * I
1. 1	* .0
2. 2	* .6
3. 3	* .0
4. 4	* .0
5. 5	* .0
6. 6	* .0
7. 7	* .0
8. 8	* 1.2

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 1

JOB: Santa Monica at Beverly Glen FWP  
 RUN: (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

## I. SITE VARIABLES

U= .5 M/S                      Z0= 100. CM                      ALT= 0. (FT)  
 BRG= WORST CASE              VD= .0 CM/S  
 CLAS= 6 (F)                    VS= .0 CM/S  
 MIXH= 1000. M                AMB= .0 PPM  
 SIGTH= 10. DEGREES        TEMP= 10.0 DEGREE (C)

## II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (FT)				* *	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
		X1	Y1	X2	Y2						
A. BGNSMN1	*	-350	1275	-265	390	*	AG	2977	13.6	.0 104.0	
B. BGNSMN2	*	-265	390	0	0	*	AG	2977	13.6	.0 104.0	
C. BGSMSMS	*	0	0	75	-90	*	AG	2038	13.6	.0 104.0	
D. BGSSMS1	*	75	-90	310	-400	*	AG	2054	7.1	.0 104.0	
E. BGSSMS2	*	310	-400	450	-1465	*	AG	2054	7.1	.0 104.0	
F. SMNWBG	*	-1100	-775	0	0	*	AG	5888	13.6	.0 116.0	
G. SMNEBG	*	0	0	975	675	*	AG	7101	13.6	.0 140.0	
H. SMSWBG	*	-1100	-915	75	-90	*	AG	213	7.1	.0 68.0	

## III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (FT)		
		X	Y	Z
1. 1	*	6	102	5.0
2. 2	*	-89	21	5.0
3. 3	*	-7	-88	5.0
4. 4	*	103	-26	5.0
5. 5	*	120	-47	5.0
6. 6	*	-4	-92	5.0
7. 7	*	36	-171	5.0
8. 8	*	147	-53	5.0

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 2

JOB: Santa Monica at Beverly Glen FWP  
 RUN: (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

## IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	* * BRG * (DEG)	* PRED * CONC * (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. 1	* 223.	* 6.5 *	.0	1.7	.0	.0	.0	4.3	.4	.0
2. 2	* 63.	* 7.7 *	.0	1.7	.0	.0	.0	.3	5.7	.0
3. 3	* 47.	* 7.2 *	.0	.0	1.1	.0	.0	.2	5.8	.0
4. 4	* 309.	* 5.9 *	.0	2.0	.4	.0	.0	.0	3.5	.0
5. 5	* 310.	* 5.2 *	.0	1.8	.6	.0	.0	.0	2.8	.0
6. 6	* 47.	* 6.8 *	.0	.0	1.1	.0	.0	.0	5.6	.0
7. 7	* 339.	* 4.8 *	.9	1.6	.5	.0	.0	1.6	.2	.0
8. 8	* 308.	* 4.3 *	.0	1.6	.2	.0	.0	.0	2.4	.0



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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 1

JOB: Santa Monica at Beverly Glen FNP  
 RUN: (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

## I. SITE VARIABLES

U= .5 M/S                      Z0= 100. CM                      ALT= 0. (FT)  
 BRG= WORST CASE                VD= .0 CM/S  
 CLAS= 6 (F)                      VS= .0 CM/S  
 MIXH= 1000. M                    AMB= .0 PPM  
 SIGTH= 10. DEGREES              TEMP= 10.0 DEGREE (C)

## II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. BGNSMN1	* -350	* 1275	* -265	* 390	* AG	3066	13.6	.0	104.0
B. BGNSMN2	* -265	* 390	* 0	* 0	* AG	3066	13.6	.0	104.0
C. BGSSMS	* 0	* 0	* 75	* -90	* AG	2038	13.6	.0	104.0
D. BGSSMS1	* 75	* -90	* 310	* -400	* AG	2054	7.1	.0	104.0
E. BGSSMS2	* 310	* -400	* 450	* -1465	* AG	2054	7.1	.0	104.0
F. SMNWBG	* -1100	* -775	* 0	* 0	* AG	6042	13.6	.0	116.0
G. SMNEBG	* 0	* 0	* 975	* 675	* AG	7344	13.6	.0	140.0
H. SMSWBG	* -1100	* -915	* 75	* -90	* AG	213	7.1	.0	68.0

## III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. 1	* 6	* 102	* 5.0
2. 2	* -89	* 21	* 5.0
3. 3	* -7	* -88	* 5.0
4. 4	* 103	* -26	* 5.0
5. 5	* 120	* -47	* 5.0
6. 6	* -4	* -92	* 5.0
7. 7	* 36	* -171	* 5.0
8. 8	* 147	* -53	* 5.0

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 2

JOB: Santa Monica at Beverly Glen FNP  
 RUN: (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

## IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	* * BRG * (DEG)	* PRED * CONC * (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. 1	* 223.	* 6.6 *	.0	1.7	.0	.0	.0	4.4	.5	.0
2. 2	* 63.	* 7.9 *	.0	1.7	.0	.0	.0	.3	5.9	.0
3. 3	* 47.	* 7.3 *	.0	.0	1.1	.0	.0	.2	6.0	.0
4. 4	* 309.	* 6.0 *	.0	2.0	.4	.0	.0	.0	3.6	.0
5. 5	* 310.	* 5.4 *	.0	1.9	.6	.0	.0	.0	2.9	.0
6. 6	* 47.	* 7.0 *	.0	.0	1.1	.0	.0	.0	5.8	.0
7. 7	* 339.	* 4.9 *	.9	1.6	.5	.0	.0	1.6	.2	.0
8. 8	* 308.	* 4.4 *	.0	1.6	.2	.0	.0	.0	2.5	.0

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 1

JOB: Santa Monica at Beverly Glen FWP  
 RUN: (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S                      Z0= 100. CM                      ALT= 0. (FT)  
 BRG= WORST CASE              VD= .0 CM/S  
 CLAS= 6 (F)                    VS= .0 CM/S  
 MIXH= 1000. M                AMB= .0 PPM  
 SIGTH= 10. DEGREES          TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. BGNSMN1	* -350	* 1275	* -265	* 390	* AG	2976	13.6	.0	104.0
B. BGNSMN2	* -265	* 390	* 0	* 0	* AG	2976	13.6	.0	104.0
C. BGSSMS	* 0	* 0	* 75	* -90	* AG	2038	13.6	.0	104.0
D. BGSSMS1	* 75	* -90	* 310	* -400	* AG	2054	7.1	.0	104.0
E. BGSSMS2	* 310	* -400	* 450	* -1465	* AG	2054	7.1	.0	104.0
F. SMNWBG	* -1100	* -775	* 0	* 0	* AG	5889	13.6	.0	116.0
G. SMNEBG	* 0	* 0	* 975	* 675	* AG	7101	13.6	.0	140.0
H. SMSWBG	* -1100	* -915	* 75	* -90	* AG	213	7.1	.0	68.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. 1	* 6	* 102	* 5.0
2. 2	* -89	* 21	* 5.0
3. 3	* -7	* -88	* 5.0
4. 4	* 103	* -26	* 5.0
5. 5	* 120	* -47	* 5.0
6. 6	* -4	* -92	* 5.0
7. 7	* 36	* -171	* 5.0
8. 8	* 147	* -53	* 5.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 2

JOB: Santa Monica at Beverly Glen FWP  
 RUN: (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	* * BRG * (DEG)	* PRED * CONC * (PPM)	CONC/LINK (PPM)							
			A	B	C	D	E	F	G	H
1. 1	* 223.	* 6.5 *	.0	1.7	.0	.0	.0	4.3	.4	.0
2. 2	* 63.	* 7.7 *	.0	1.7	.0	.0	.0	.3	5.7	.0
3. 3	* 47.	* 7.2 *	.0	.0	1.1	.0	.0	.2	5.8	.0
4. 4	* 309.	* 5.9 *	.0	2.0	.4	.0	.0	.0	3.5	.0
5. 5	* 310.	* 5.2 *	.0	1.8	.6	.0	.0	.0	2.8	.0
6. 6	* 47.	* 6.8 *	.0	.0	1.1	.0	.0	.0	5.6	.0
7. 7	* 339.	* 4.8 *	.9	1.6	.5	.0	.0	1.6	.2	.0
8. 8	* 308.	* 4.3 *	.0	1.6	.2	.0	.0	.0	2.4	.0

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 1

JOB: Santa Monica at Wilshire Exist  
 RUN: (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

## I. SITE VARIABLES

U= .5 M/S                      Z0= 100. CM                      ALT= 0. (FT)  
 BRG= WORST CASE              VD= .0 CM/S  
 CLAS= 6 (F)                    VS= .0 CM/S  
 MIXH= 1000. M                AMB= .0 PPM  
 SIGTH= 10. DEGREES          TEMP= 10.0 DEGREE (C)

## II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (FT)				* *	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
		X1	Y1	X2	Y2						
A. WwSMN	*	-1650	0	0	0	*	AG	4060	21.7	.0	104.0
B. W_SMNtSMS	*	0	0	300	0	*	AG	3082	21.7	.0	104.0
C. WeSMS	*	300	0	1650	0	*	AG	3138	17.8	.0	104.0
D. SMNnW	*	1380	860	0	0	*	AG	3682	21.7	.0	80.0
E. SMNsW	*	0	0	-1620	-1115	*	AG	2547	21.7	.0	92.0
F. SMSnW	*	1640	860	300	0	*	AG	2070	17.8	.0	92.0
G. SMSsW	*	300	0	-1275	-1115	*	AG	2214	17.8	.0	80.0

## III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (FT)		
		X	Y	Z
1. 1	*	194	62	5.0
2. 2	*	5	62	5.0
3. 3	*	-189	-62	5.0
4. 4	*	9	-62	5.0
5. 5	*	500	62	5.0
6. 6	*	293	62	5.0
7. 7	*	126	-62	5.0
8. 8	*	299	-62	5.0

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 2

JOB: Santa Monica at Wilshire Exist  
 RUN: (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

## IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	* * BRG * (DEG)	* PRED * CONC * (PPM)	CONC/LINK (PPM)						
			A	B	C	D	E	F	G
1. 1	* 261.	* 11.8 *	4.4	2.1	.0	4.8	.5	.0	.0
2. 2	* 99.	* 10.1 *	.0	2.9	2.2	4.2	.0	.5	.3
3. 3	* 67.	* 12.2 *	4.0	1.0	.0	4.0	2.2	1.0	.0
4. 4	* 278.	* 9.7 *	7.0	.0	.0	.0	2.7	.0	.0
5. 5	* 263.	* 9.7 *	2.5	1.8	1.5	.9	.7	2.1	.2
6. 6	* 263.	* 9.1 *	3.8	2.5	.0	2.3	.5	.0	.0
7. 7	* 278.	* 8.3 *	5.4	1.3	.0	.0	1.6	.0	.0
8. 8	* 278.	* 9.7 *	3.6	2.7	.0	.5	.8	.0	2.1

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 1

JOB: Santa Monica at Wilhire FNP  
 RUN: (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

## I. SITE VARIABLES

U= .5 M/S                      Z0= 100. CM                      ALT= 0. (FT)  
 BRG= WORST CASE              VD= .0 CM/S  
 CLAS= 6 (F)                    VS= .0 CM/S  
 MIXH= 1000. M                  AMB= .0 PPM  
 SIGTH= 10. DEGREES            TEMP= 10.0 DEGREE (C)

## II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (FT)				* *	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
		X1	Y1	X2	Y2						
A. WwSMN	*	-1650	0	0	0	*	AG	4519	13.6	.0	104.0
B. W_SMNtSMS	*	0	0	300	0	*	AG	3768	13.6	.0	104.0
C. WeSMS	*	300	0	1650	0	*	AG	3985	13.6	.0	104.0
D. SMNnW	*	1380	860	0	0	*	AG	4521	13.6	.0	80.0
E. SMNsW	*	0	0	-1620	-1115	*	AG	3365	13.6	.0	92.0
F. SMSnW	*	1640	860	300	0	*	AG	2342	13.6	.0	92.0
G. SMSsW	*	300	0	-1275	-1115	*	AG	2750	13.6	.0	80.0

## III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (FT)		
		X	Y	Z
1. 1	*	194	62	5.0
2. 2	*	5	62	5.0
3. 3	*	-189	-62	5.0
4. 4	*	9	-62	5.0
5. 5	*	500	62	5.0
6. 6	*	293	62	5.0
7. 7	*	126	-62	5.0
8. 8	*	299	-62	5.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 2

JOB: Santa Monica at Wilhire FNP  
 RUN: (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	* * BRG * (DEG)	* PRED * CONC * (PPM)	CONC/LINK (PPM)						
			* * A	* * B	* * C	* * D	* * E	* * F	* * G
1. 1	* 260.	* 8.6	* 2.8	1.7	.0	3.7	.5	.0	.0
2. 2	* 98.	* 8.2	* .0	2.1	2.2	3.3	.0	.5	.2
3. 3	* 68.	* 9.1	* 2.8	.8	.0	2.7	1.9	.9	.0
4. 4	* 278.	* 7.0	* 4.8	.0	.0	.0	2.2	.0	.0
5. 5	* 262.	* 7.7	* 1.5	1.4	1.6	.6	.6	1.8	.2
6. 6	* 262.	* 6.6	* 2.5	2.0	.0	1.6	.5	.0	.0
7. 7	* 79.	* 6.7	* .0	1.6	2.5	.0	.0	.4	2.2
8. 8	* 278.	* 7.5	* 2.4	2.1	.0	.4	.7	.0	2.0



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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 1

JOB: Santa Monica at Wilshire FWP  
 RUN: (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

## I. SITE VARIABLES

U= .5 M/S                      Z0= 100. CM                      ALT= 0. (FT)  
 BRG= WORST CASE              VD= .0 CM/S  
 CLAS= 6 (F)                    VS= .0 CM/S  
 MIXH= 1000. M                 AMB= .0 PPM  
 SIGTH= 10. DEGREES            TEMP= 10.0 DEGREE (C)

## II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (FT)				* *	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
		X1	Y1	X2	Y2						
A. WwSMN	*	-1650	0	0	0	*	AG	4521	13.6	.0	104.0
B. W_SMNtSMS	*	0	0	300	0	*	AG	3768	13.6	.0	104.0
C. WeSMS	*	300	0	1650	0	*	AG	3949	13.6	.0	104.0
D. SMNnW	*	1380	860	0	0	*	AG	4458	13.6	.0	80.0
E. SMNsW	*	0	0	-1620	-1115	*	AG	3302	13.6	.0	92.0
F. SMSnW	*	1640	860	300	0	*	AG	2333	13.6	.0	92.0
G. SMSsW	*	300	0	-1275	-1115	*	AG	2705	13.6	.0	80.0

## III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (FT)		
		X	Y	Z
1. 1	*	194	62	5.0
2. 2	*	5	62	5.0
3. 3	*	-189	-62	5.0
4. 4	*	9	-62	5.0
5. 5	*	500	62	5.0
6. 6	*	293	62	5.0
7. 7	*	126	-62	5.0
8. 8	*	299	-62	5.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 2

JOB: Santa Monica at Wilshire FWP  
 RUN: (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	* * BRG * (DEG)	* PRED * CONC * (PPM)	CONC/LINK (PPM)						
			* A	* B	* C	* D	* E	* F	* G
1. 1	* 260.	* 8.6	* 2.8	1.7	.0	3.6	.4	.0	.0
2. 2	* 98.	* 8.1	* .0	2.1	2.1	3.2	.0	.5	.2
3. 3	* 68.	* 9.0	* 2.8	.8	.0	2.7	1.9	.9	.0
4. 4	* 278.	* 7.0	* 4.8	.0	.0	.0	2.2	.0	.0
5. 5	* 262.	* 7.7	* 1.5	1.4	1.6	.6	.6	1.8	.2
6. 6	* 262.	* 6.6	* 2.5	2.0	.0	1.6	.4	.0	.0
7. 7	* 79.	* 6.7	* .0	1.6	2.5	.0	.0	.4	2.2
8. 8	* 278.	* 7.5	* 2.4	2.1	.0	.4	.6	.0	1.9