

## **APPENDIX 3.3-A, APPENDIX B: CALINE4 OUTPUTS FOR CO HOT-SPOT ANALYSIS**



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

JOB: 4th Street/King Street 2029 No Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 6.8 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -5	* 0	* -5	* AG	1790	2.4	0.0	17.0
B. EBD	* 0	* -5	* 1000	* -5	* AG	1720	2.4	0.0	17.0
C. WBA	* 1000	* 5	* 0	* 5	* AG	1040	2.4	0.0	17.0
D. WBD	* 0	* 4	* -1000	* 4	* AG	1430	2.4	0.0	13.3
E. SBA	* -5	* 1000	* -5	* 0	* AG	1070	2.4	0.0	17.0
F. SBD	* -4	* 0	* -4	* -1000	* AG	650	2.4	0.0	13.3
G. NBA	* 4	* -1000	* 4	* 0	* AG	330	2.4	0.0	13.3
H. NBD	* 2	* 0	* 2	* 1000	* AG	430	2.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -14	* 10	* 1.8
2. R_002	* 7	* 14	* 1.8
3. R_003	* -10	* -14	* 1.8
4. R_004	* 10	* -14	* 1.8

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JOB: 4th Street/King Street 2029 No Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	*	BRG	* PRED	*	CONC/LINK							
	*	(DEG)	* CONC	*	(PPM)							
	*		* (PPM)	*	A	B	C	D	E	F	G	H
1. R_001	*	98.	* 0.9	*	0.0	0.3	0.3	0.1	0.2	0.0	0.0	0.0
2. R_002	*	260.	* 0.9	*	0.3	0.0	0.0	0.3	0.1	0.0	0.0	0.1
3. R_003	*	81.	* 0.9	*	0.1	0.4	0.2	0.0	0.0	0.1	0.0	0.0
4. R_004	*	279.	* 0.9	*	0.5	0.1	0.0	0.2	0.0	0.1	0.1	0.0

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
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JOB: 5th Street/King Street/I-280 Ramps 2029  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 6.8 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -4	* 0	* -4	* AG	2000	2.4	0.0	13.3
B. EBD	* 0	* -4	* 1000	* -4	* AG	1790	2.4	0.0	13.3
C. WBA	* 1000	* 4	* 0	* 4	* AG	1430	2.4	0.0	13.3
D. WBD	* 0	* 4	* -1000	* 4	* AG	1530	2.4	0.0	13.3
E. SBA	* 0	* 1000	* 0	* 0	* AG	0	2.4	0.0	10.0
F. SBD	* -4	* 0	* -4	* -1000	* AG	240	2.4	0.0	13.3
G. NBA	* 4	* -1000	* 4	* 0	* AG	130	2.4	0.0	13.3
H. NBD	* 0	* 0	* 0	* 1000	* AG	0	2.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -5	* 10	* 1.8
2. R_002	* 5	* 10	* 1.8
3. R_003	* -10	* -10	* 1.8
4. R_004	* 10	* -10	* 1.8

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
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JOB: 5th Street/King Street/I-280 Ramps 2029  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	*	BRG	* PRED *	* CONC *	CONC/LINK (PPM)							
	*	(DEG)	* (PPM) *	*	A	B	C	D	E	F	G	H
1. R_001	*	261.	* 0.9 *	*	0.4	0.0	0.0	0.5	0.0	0.0	0.0	0.0
2. R_002	*	261.	* 0.9 *	*	0.4	0.0	0.1	0.5	0.0	0.0	0.0	0.0
3. R_003	*	279.	* 1.0 *	*	0.7	0.0	0.0	0.3	0.0	0.0	0.0	0.0
4. R_004	*	279.	* 1.0 *	*	0.5	0.1	0.0	0.3	0.0	0.0	0.0	0.0

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
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JOB: Owens Street/16th Street 2029 No Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 6.8 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -7	* 0	* -7	* AG	790	2.4	0.0	20.6
B. EBD	* 0	* -4	* 1000	* -4	* AG	710	2.4	0.0	13.3
C. WBA	* 1000	* 5	* 0	* 5	* AG	1040	2.4	0.0	17.0
D. WBD	* 0	* 4	* -1000	* 4	* AG	1200	2.4	0.0	13.3
E. SBA	* -5	* 1000	* -5	* 0	* AG	690	2.4	0.0	17.0
F. SBD	* -4	* 0	* -4	* -1000	* AG	640	2.4	0.0	13.3
G. NBA	* 5	* -1000	* 5	* 0	* AG	450	2.4	0.0	17.0
H. NBD	* 4	* 0	* 4	* 1000	* AG	420	2.4	0.0	13.3

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -14	* 10	* 1.8
2. R_002	* 10	* 14	* 1.8
3. R_003	* -10	* -18	* 1.8
4. R_004	* 14	* -10	* 1.8

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JOB: Owens Street/16th Street 2029 No Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	*	* PRED *	CONC/LINK									
	* BRG *	* CONC *	(PPM)									
	* (DEG) *	* (PPM) *	A	B	C	D	E	F	G	H		
1. R_001	* 97. *	* 0.7 *	0.0	0.1	0.3	0.1	0.1	0.0	0.0	0.0	0.0	
2. R_002	* 261. *	* 0.6 *	0.1	0.0	0.1	0.3	0.1	0.0	0.0	0.1		
3. R_003	* 5. *	* 0.6 *	0.1	0.0	0.0	0.1	0.2	0.1	0.0	0.1		
4. R_004	* 276. *	* 0.6 *	0.2	0.1	0.0	0.2	0.0	0.1	0.1	0.0		

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
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JOB: 5th Street/Bryant Street 2029 No Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 6.8 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -11	* 0	* -11	* AG	1360	2.4	0.0	27.9
B. EBD	* 0	* -7	* 1000	* -7	* AG	1910	2.4	0.0	20.6
C. WBA	* 1000	* 0	* 0	* 0	* AG	0	2.4	0.0	10.0
D. WBD	* 0	* 0	* -1000	* 0	* AG	0	2.4	0.0	10.0
E. SBA	* -7	* 1000	* -7	* 0	* AG	1120	2.4	0.0	20.6
F. SBD	* -4	* 0	* -4	* -1000	* AG	810	2.4	0.0	13.3
G. NBA	* 4	* -1000	* 4	* 0	* AG	860	2.4	0.0	13.3
H. NBD	* 4	* 0	* 4	* 1000	* AG	620	2.4	0.0	13.3

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -18	* 5	* 1.8
2. R_002	* 10	* 5	* 1.8
3. R_003	* -10	* -25	* 1.8
4. R_004	* 12	* -18	* 1.8

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JOB: 5th Street/Bryant Street 2029 No Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	*	* BRG	* PRED	* CONC	CONC/LINK							
	*	(DEG)	* (PPM)	*	A	B	C	D	E	F	G	H
1. R_001	*	98.	* 0.6	*	0.0	0.4	0.0	0.0	0.1	0.0	0.0	0.0
2. R_002	*	188.	* 0.7	*	0.0	0.2	0.0	0.0	0.0	0.2	0.3	0.0
3. R_003	*	5.	* 0.7	*	0.2	0.0	0.0	0.0	0.2	0.1	0.0	0.1
4. R_004	*	351.	* 0.7	*	0.0	0.3	0.0	0.0	0.2	0.0	0.1	0.2

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JOB: Third Street/16th Street 2029 No Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 6.8 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -5	* 0	* -5	* AG	600	2.4	0.0	17.0
B. EBD	* 0	* -4	* 1000	* -4	* AG	230	2.4	0.0	13.3
C. WBA	* 1000	* 5	* 0	* 5	* AG	430	2.4	0.0	17.0
D. WBD	* 0	* 4	* -1000	* 4	* AG	770	2.4	0.0	13.3
E. SBA	* -5	* 1000	* -5	* 0	* AG	950	2.4	0.0	17.0
F. SBD	* -4	* 0	* -4	* -1000	* AG	1020	2.4	0.0	13.3
G. NBA	* 7	* -1000	* 7	* 0	* AG	1340	2.4	0.0	20.6
H. NBD	* 4	* 0	* 4	* 1000	* AG	1310	2.4	0.0	13.3

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -14	* 10	* 1.8
2. R_002	* 10	* 14	* 1.8
3. R_003	* -10	* -14	* 1.8
4. R_004	* 18	* -10	* 1.8

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JOB: Third Street/16th Street 2029 No Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	*	* PRED *	CONC/LINK									
	* BRG *	* CONC *	(PPM)									
	* (DEG) *	* (PPM) *	A	B	C	D	E	F	G	H		
1. R_001	* 170. *	* 0.7 *	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.0		
2. R_002	* 185. *	* 0.8 *	0.0	0.0	0.1	0.0	0.0	0.2	0.4	0.1		
3. R_003	* 7. *	* 0.8 *	0.1	0.0	0.0	0.1	0.3	0.1	0.0	0.3		
4. R_004	* 277. *	* 0.6 *	0.2	0.0	0.0	0.2	0.0	0.1	0.2	0.0		

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
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JOB: 4th Street/King Street 2029 Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 6.8 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -5	* 0	* -5	* AG	1798	2.4	0.0	17.0
B. EBD	* 0	* -5	* 1000	* -5	* AG	1741	2.4	0.0	17.0
C. WBA	* 1000	* 5	* 0	* 5	* AG	1040	2.4	0.0	17.0
D. WBD	* 0	* 4	* -1000	* 4	* AG	1443	2.4	0.0	13.3
E. SBA	* -5	* 1000	* -5	* 0	* AG	1104	2.4	0.0	17.0
F. SBD	* -4	* 0	* -4	* -1000	* AG	659	2.4	0.0	13.3
G. NBA	* 4	* -1000	* 4	* 0	* AG	331	2.4	0.0	13.3
H. NBD	* 2	* 0	* 2	* 1000	* AG	430	2.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -14	* 10	* 1.8
2. R_002	* 7	* 14	* 1.8
3. R_003	* -10	* -14	* 1.8
4. R_004	* 10	* -14	* 1.8

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JOB: 4th Street/King Street 2029 Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	*	BRG	* PRED	*	CONC/LINK							
	*	(DEG)	* CONC	*	(PPM)							
	*		* (PPM)	*	A	B	C	D	E	F	G	H
1. R_001	*	98.	* 0.9	*	0.0	0.3	0.3	0.1	0.2	0.0	0.0	0.0
2. R_002	*	260.	* 0.9	*	0.3	0.0	0.0	0.3	0.1	0.0	0.0	0.1
3. R_003	*	5.	* 0.9	*	0.3	0.0	0.0	0.1	0.3	0.1	0.0	0.1
4. R_004	*	279.	* 0.9	*	0.5	0.1	0.0	0.2	0.0	0.1	0.1	0.0

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JOB: 5th Street/King Street/I-280 Ramps 2029  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 6.8 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -4	* 0	* -4	* AG	2008	2.4	0.0	13.3
B. EBD	* 0	* -4	* 1000	* -4	* AG	1798	2.4	0.0	13.3
C. WBA	* 1000	* 4	* 0	* 4	* AG	1443	2.4	0.0	13.3
D. WBD	* 0	* 4	* -1000	* 4	* AG	1543	2.4	0.0	13.3
E. SBA	* 0	* 1000	* 0	* 0	* AG	0	2.4	0.0	10.0
F. SBD	* -4	* 0	* -4	* -1000	* AG	240	2.4	0.0	13.3
G. NBA	* 4	* -1000	* 4	* 0	* AG	130	2.4	0.0	13.3
H. NBD	* 0	* 0	* 0	* 1000	* AG	0	2.4	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -5	* 10	* 1.8
2. R_002	* 5	* 10	* 1.8
3. R_003	* -10	* -10	* 1.8
4. R_004	* 10	* -10	* 1.8

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
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JOB: 5th Street/King Street/I-280 Ramps 2029  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	*	BRG	* PRED *	CONC	CONC/LINK (PPM)							
	*	(DEG)	* (PPM) *	*	A	B	C	D	E	F	G	H
1. R_001	*	261.	* 0.9 *	*	0.4	0.0	0.0	0.5	0.0	0.0	0.0	0.0
2. R_002	*	261.	* 0.9 *	*	0.4	0.0	0.1	0.5	0.0	0.0	0.0	0.0
3. R_003	*	279.	* 1.0 *	*	0.7	0.0	0.0	0.3	0.0	0.0	0.0	0.0
4. R_004	*	279.	* 1.0 *	*	0.5	0.1	0.0	0.3	0.0	0.0	0.0	0.0

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
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JOB: Owens Street/16th Street 2029 Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 6.8 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -7	* 0	* -7	* AG	803	2.4	0.0	20.6
B. EBD	* 0	* -4	* 1000	* -4	* AG	726	2.4	0.0	13.3
C. WBA	* 1000	* 5	* 0	* 5	* AG	1047	2.4	0.0	17.0
D. WBD	* 0	* 4	* -1000	* 4	* AG	1204	2.4	0.0	13.3
E. SBA	* -5	* 1000	* -5	* 0	* AG	693	2.4	0.0	17.0
F. SBD	* -4	* 0	* -4	* -1000	* AG	640	2.4	0.0	13.3
G. NBA	* 5	* -1000	* 5	* 0	* AG	450	2.4	0.0	17.0
H. NBD	* 4	* 0	* 4	* 1000	* AG	430	2.4	0.0	13.3

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -14	* 10	* 1.8
2. R_002	* 10	* 14	* 1.8
3. R_003	* -10	* -18	* 1.8
4. R_004	* 14	* -10	* 1.8

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JOB: Owens Street/16th Street 2029 Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	*	* PRED *	CONC/LINK									
	* BRG *	* CONC *	(PPM)									
	* (DEG) *	* (PPM) *	A	B	C	D	E	F	G	H		
1. R_001	* 97. *	* 0.7 *	0.0	0.2	0.3	0.1	0.1	0.0	0.0	0.0		
2. R_002	* 261. *	* 0.6 *	0.1	0.0	0.1	0.3	0.1	0.0	0.0	0.1		
3. R_003	* 5. *	* 0.6 *	0.1	0.0	0.0	0.1	0.2	0.1	0.0	0.1		
4. R_004	* 276. *	* 0.6 *	0.2	0.1	0.0	0.2	0.0	0.1	0.1	0.0		

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

JOB: 5th Street/Bryant Street 2029 Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 6.8 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -11	* 0	* -11	* AG	1397	2.4	0.0	27.9
B. EBD	* 0	* -7	* 1000	* -7	* AG	1940	2.4	0.0	20.6
C. WBA	* 1000	* 0	* 0	* 0	* AG	0	2.4	0.0	10.0
D. WBD	* 0	* 0	* -1000	* 0	* AG	0	2.4	0.0	10.0
E. SBA	* -7	* 1000	* -7	* 0	* AG	1197	2.4	0.0	20.6
F. SBD	* -4	* 0	* -4	* -1000	* AG	913	2.4	0.0	13.3
G. NBA	* 4	* -1000	* 4	* 0	* AG	907	2.4	0.0	13.3
H. NBD	* 4	* 0	* 4	* 1000	* AG	648	2.4	0.0	13.3

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -18	* 5	* 1.8
2. R_002	* 10	* 5	* 1.8
3. R_003	* -10	* -25	* 1.8
4. R_004	* 12	* -18	* 1.8

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

JOB: 5th Street/Bryant Street 2029 Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	*	* BRG	* PRED	* CONC	CONC/LINK (PPM)							
	*	(DEG)	*	(PPM)	A	B	C	D	E	F	G	H
1. R_001	*	98.	*	0.7	0.0	0.4	0.0	0.0	0.1	0.0	0.0	0.0
2. R_002	*	189.	*	0.8	0.0	0.2	0.0	0.0	0.0	0.2	0.3	0.0
3. R_003	*	5.	*	0.7	0.2	0.0	0.0	0.0	0.3	0.1	0.0	0.1
4. R_004	*	351.	*	0.7	0.0	0.3	0.0	0.0	0.2	0.0	0.1	0.2

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

JOB: Third Street/16th Street 2029 Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 6.8 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -5	* 0	* -5	* AG	616	2.4	0.0	17.0
B. EBD	* 0	* -4	* 1000	* -4	* AG	230	2.4	0.0	13.3
C. WBA	* 1000	* 5	* 0	* 5	* AG	440	2.4	0.0	17.0
D. WBD	* 0	* 4	* -1000	* 4	* AG	777	2.4	0.0	13.3
E. SBA	* -5	* 1000	* -5	* 0	* AG	962	2.4	0.0	17.0
F. SBD	* -4	* 0	* -4	* -1000	* AG	1040	2.4	0.0	13.3
G. NBA	* 7	* -1000	* 7	* 0	* AG	1356	2.4	0.0	20.6
H. NBD	* 4	* 0	* 4	* 1000	* AG	1327	2.4	0.0	13.3

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -14	* 10	* 1.8
2. R_002	* 10	* 14	* 1.8
3. R_003	* -10	* -14	* 1.8
4. R_004	* 18	* -10	* 1.8

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

JOB: Third Street/16th Street 2029 Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	*	* BRG	* PRED	* CONC	CONC/LINK							
	*	(DEG)	* (PPM)	*	A	B	C	D	E	F	G	H
1. R_001	*	170.	* 0.7	*	0.1	0.0	0.0	0.1	0.1	0.3	0.2	0.0
2. R_002	*	185.	* 0.8	*	0.0	0.0	0.1	0.0	0.0	0.2	0.4	0.1
3. R_003	*	7.	* 0.8	*	0.1	0.0	0.0	0.1	0.3	0.1	0.0	0.3
4. R_004	*	277.	* 0.6	*	0.2	0.0	0.0	0.2	0.0	0.1	0.2	0.0

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

JOB: El Camino Real (SR 82)/Millbrae Ave 2040  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 5.3 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -5	* 0	* -5	* AG	560	1.8	0.0	17.0
B. EBD	* 0	* -4	* 1000	* -4	* AG	1710	1.8	0.0	13.3
C. WBA	* 1000	* 11	* 0	* 11	* AG	2480	1.8	0.0	27.9
D. WBD	* 0	* 4	* -1000	* 4	* AG	1070	1.8	0.0	13.3
E. SBA	* -9	* 1000	* -9	* 0	* AG	2180	1.8	0.0	24.3
F. SBD	* -5	* 0	* -5	* -1000	* AG	2220	1.8	0.0	17.0
G. NBA	* 9	* -1000	* 9	* 0	* AG	1880	1.8	0.0	24.3
H. NBD	* 7	* 0	* 7	* 1000	* AG	2100	1.8	0.0	20.6

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -21	* 10	* 1.8
2. R_002	* 18	* 25	* 1.8
3. R_003	* -14	* -14	* 1.8
4. R_004	* 21	* -10	* 1.8

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

JOB: El Camino Real (SR 82)/Millbrae Ave 2040  
RUN: CALINE4 RUN (WORST CASE ANGLE)  
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	* BRG * * (DEG) *	* PRED * * CONC * * (PPM) *	A	B	C	CONC/LINK (PPM)						
			D	E	F	G	H					
1. R_001	* 94. *	* 1.0 *	0.0	0.2	0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.1
2. R_002	* 188. *	* 0.9 *	0.0	0.1	0.2	0.0	0.0	0.2	0.3	0.1		
3. R_003	* 80. *	* 0.9 *	0.0	0.3	0.3	0.0	0.0	0.2	0.1	0.0		
4. R_004	* 349. *	* 0.9 *	0.0	0.2	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.3

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

JOB: El Camino Real (SR 82)/Palo Alto Ave 204  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 5.3 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -5	* 0	* -5	* AG	1540	1.8	0.0	17.0
B. EBD	* 0	* -4	* 1000	* -4	* AG	670	1.8	0.0	13.3
C. WBA	* 1000	* 2	* 0	* 2	* AG	910	1.8	0.0	10.0
D. WBD	* 0	* 2	* -1000	* 2	* AG	580	1.8	0.0	10.0
E. SBA	* -9	* 1000	* -9	* 0	* AG	2700	1.8	0.0	24.3
F. SBD	* -5	* 0	* -5	* -1000	* AG	2220	1.8	0.0	17.0
G. NBA	* 7	* -1000	* 7	* 0	* AG	1510	1.8	0.0	20.6
H. NBD	* 7	* 0	* 7	* 1000	* AG	3210	1.8	0.0	20.6

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -21	* 7	* 1.8
2. R_002	* 18	* 7	* 1.8
3. R_003	* -14	* -14	* 1.8
4. R_004	* 18	* -10	* 1.8

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

JOB: El Camino Real (SR 82)/Palo Alto Ave 204  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	*	* BRG	* PRED	* CONC	CONC/LINK							
	*	(DEG)	* (PPM)	*	A	B	C	D	E	F	G	H
1. R_001	*	98.	* 0.8	*	0.0	0.1	0.2	0.1	0.2	0.0	0.0	0.1
2. R_002	*	262.	* 0.9	*	0.2	0.0	0.1	0.1	0.1	0.0	0.0	0.3
3. R_003	*	7.	* 1.1	*	0.2	0.0	0.0	0.0	0.4	0.1	0.0	0.3
4. R_004	*	351.	* 1.0	*	0.0	0.1	0.1	0.0	0.2	0.0	0.0	0.5

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

JOB: Central Expressway/Rengstorff Ave 2040 N  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 5.3 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -7	* 0	* -7	* AG	1060	1.8	0.0	20.6
B. EBD	* 0	* -4	* 1000	* -4	* AG	1300	1.8	0.0	13.3
C. WBA	* 1000	* 5	* 0	* 5	* AG	1570	1.8	0.0	17.0
D. WBD	* 0	* 4	* -1000	* 4	* AG	1470	1.8	0.0	13.3
E. SBA	* -7	* 1000	* -7	* 0	* AG	2070	1.8	0.0	20.6
F. SBD	* -4	* 0	* -4	* -1000	* AG	1970	1.8	0.0	13.3
G. NBA	* 5	* -1000	* 5	* 0	* AG	1740	1.8	0.0	17.0
H. NBD	* 4	* 0	* 4	* 1000	* AG	1700	1.8	0.0	13.3

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -18	* 10	* 1.8
2. R_002	* 10	* 14	* 1.8
3. R_003	* -10	* -18	* 1.8
4. R_004	* 14	* -10	* 1.8

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

JOB: Central Expressway/Rengstorff Ave 2040 N  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	*	BRG	* PRED *	CONC	*	CONC/LINK (PPM)							
	*	(DEG)	* (PPM) *	*	*	A	B	C	D	E	F	G	H
1. R_001	*	97.	* 0.9 *	*	*	0.0	0.2	0.3	0.1	0.2	0.0	0.0	0.1
2. R_002	*	187.	* 1.0 *	*	*	0.0	0.1	0.2	0.0	0.0	0.3	0.3	0.1
3. R_003	*	6.	* 0.9 *	*	*	0.1	0.0	0.0	0.1	0.3	0.2	0.0	0.2
4. R_004	*	350.	* 0.9 *	*	*	0.0	0.2	0.1	0.0	0.2	0.0	0.1	0.3

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

JOB: Central Expressway/Moffett Blvd 2040 No  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 5.3 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -7	* 0	* -7	* AG	1210	1.8	0.0	20.6
B. EBD	* 0	* -5	* 1000	* -5	* AG	1690	1.8	0.0	17.0
C. WBA	* 1000	* 7	* 0	* 7	* AG	1380	1.8	0.0	20.6
D. WBD	* 0	* 5	* -1000	* 5	* AG	910	1.8	0.0	17.0
E. SBA	* -7	* 1000	* -7	* 0	* AG	2390	1.8	0.0	20.6
F. SBD	* -4	* 0	* -4	* -1000	* AG	2140	1.8	0.0	13.3
G. NBA	* 7	* -1000	* 7	* 0	* AG	1950	1.8	0.0	20.6
H. NBD	* 4	* 0	* 4	* 1000	* AG	2190	1.8	0.0	13.3

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -18	* 14	* 1.8
2. R_002	* 10	* 18	* 1.8
3. R_003	* -10	* -18	* 1.8
4. R_004	* 18	* -14	* 1.8

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

JOB: Central Expressway/Moffett Blvd 2040 No  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	*	BRG	* PRED	*	CONC/LINK							
	*	(DEG)	* CONC	*	(PPM)							
	*		* (PPM)	*	A	B	C	D	E	F	G	H
1. R_001	*	98.	* 0.9	*	0.0	0.2	0.2	0.1	0.2	0.0	0.0	0.1
2. R_002	*	187.	* 1.0	*	0.0	0.1	0.1	0.0	0.0	0.3	0.3	0.2
3. R_003	*	6.	* 1.0	*	0.1	0.0	0.0	0.1	0.4	0.2	0.0	0.3
4. R_004	*	349.	* 0.9	*	0.0	0.2	0.1	0.0	0.2	0.0	0.1	0.3

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

JOB: Bayshore Blvd/Geneva Ave 2040 No Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 5.3 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -7	* 0	* -7	* AG	1340	1.8	0.0	20.6
B. EBD	* 0	* 0	* 1000	* 0	* AG	1120	1.8	0.0	10.0
C. WBA	* 1000	* 0	* 0	* 0	* AG	1220	1.8	0.0	10.0
D. WBD	* 0	* 5	* -1000	* 5	* AG	2060	1.8	0.0	17.0
E. SBA	* -9	* 1000	* -9	* 0	* AG	1230	1.8	0.0	24.3
F. SBD	* -4	* 0	* -4	* -1000	* AG	880	1.8	0.0	13.3
G. NBA	* 7	* -1000	* 7	* 0	* AG	1500	1.8	0.0	20.6
H. NBD	* 4	* 0	* 4	* 1000	* AG	1230	1.8	0.0	13.3

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -21	* 14	* 1.8
2. R_002	* 10	* 10	* 1.8
3. R_003	* -10	* -18	* 1.8
4. R_004	* 18	* -5	* 1.8

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

JOB: Bayshore Blvd/Geneva Ave 2040 No Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	*	BRG	* PRED	*	CONC/LINK							
	*	(DEG)	* CONC	*	(PPM)							
	*		* (PPM)	*	A	B	C	D	E	F	G	H
1. R_001	*	102.	* 0.7	*	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.1
2. R_002	*	265.	* 0.8	*	0.2	0.0	0.0	0.4	0.1	0.0	0.0	0.1
3. R_003	*	5.	* 0.7	*	0.1	0.0	0.0	0.1	0.2	0.1	0.0	0.2
4. R_004	*	275.	* 1.0	*	0.2	0.1	0.1	0.3	0.0	0.0	0.1	0.0

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

JOB: El Camino Real (SR 82)/Millbrae Ave 2040  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 5.3 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -5	* 0	* -5	* AG	564	1.8	0.0	17.0
B. EBD	* 0	* -4	* 1000	* -4	* AG	1722	1.8	0.0	13.3
C. WBA	* 1000	* 11	* 0	* 11	* AG	2492	1.8	0.0	27.9
D. WBD	* 0	* 4	* -1000	* 4	* AG	1070	1.8	0.0	13.3
E. SBA	* -9	* 1000	* -9	* 0	* AG	2197	1.8	0.0	24.3
F. SBD	* -5	* 0	* -5	* -1000	* AG	2232	1.8	0.0	17.0
G. NBA	* 9	* -1000	* 9	* 0	* AG	1909	1.8	0.0	24.3
H. NBD	* 7	* 0	* 7	* 1000	* AG	2138	1.8	0.0	20.6

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -21	* 10	* 1.8
2. R_002	* 18	* 25	* 1.8
3. R_003	* -14	* -14	* 1.8
4. R_004	* 21	* -10	* 1.8

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

JOB: El Camino Real (SR 82)/Millbrae Ave 2040  
RUN: CALINE4 RUN (WORST CASE ANGLE)  
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	* BRG * * (DEG) *	* PRED * * CONC * * (PPM) *	A	B	C	CONC/LINK (PPM)						
			D	E	F	G	H					
1. R_001	* 94. *	* 1.0 *	0.0	0.2	0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.1
2. R_002	* 188. *	* 0.9 *	0.0	0.1	0.2	0.0	0.0	0.2	0.3	0.1		
3. R_003	* 80. *	* 0.9 *	0.0	0.3	0.3	0.0	0.0	0.2	0.1	0.0		
4. R_004	* 349. *	* 0.9 *	0.0	0.2	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.3

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

JOB: El Camino Real (SR 82)/Palo Alto Ave 204  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 5.3 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -5	* 0	* -5	* AG	1540	1.8	0.0	17.0
B. EBD	* 0	* -4	* 1000	* -4	* AG	670	1.8	0.0	13.3
C. WBA	* 1000	* 2	* 0	* 2	* AG	910	1.8	0.0	10.0
D. WBD	* 0	* 2	* -1000	* 2	* AG	580	1.8	0.0	10.0
E. SBA	* -9	* 1000	* -9	* 0	* AG	2700	1.8	0.0	24.3
F. SBD	* -5	* 0	* -5	* -1000	* AG	2220	1.8	0.0	17.0
G. NBA	* 7	* -1000	* 7	* 0	* AG	1510	1.8	0.0	20.6
H. NBD	* 7	* 0	* 7	* 1000	* AG	3210	1.8	0.0	20.6

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -21	* 7	* 1.8
2. R_002	* 18	* 7	* 1.8
3. R_003	* -14	* -14	* 1.8
4. R_004	* 18	* -10	* 1.8

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

JOB: El Camino Real (SR 82)/Palo Alto Ave 204  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	*	* BRG	* PRED	*	CONC/LINK							
	*	(DEG)	* CONC	*	(PPM)							
	*		* (PPM)	*	A	B	C	D	E	F	G	H
1. R_001	*	98.	* 0.8	*	0.0	0.1	0.2	0.1	0.2	0.0	0.0	0.1
2. R_002	*	262.	* 0.9	*	0.2	0.0	0.1	0.1	0.1	0.0	0.0	0.3
3. R_003	*	7.	* 1.1	*	0.2	0.0	0.0	0.0	0.4	0.1	0.0	0.3
4. R_004	*	351.	* 1.0	*	0.0	0.1	0.1	0.0	0.2	0.0	0.0	0.5

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

JOB: Central Expressway/Rengstorff Ave 2040 B  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 5.3 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -7	* 0	* -7	* AG	1060	1.8	0.0	20.6
B. EBD	* 0	* -4	* 1000	* -4	* AG	1300	1.8	0.0	13.3
C. WBA	* 1000	* 5	* 0	* 5	* AG	1570	1.8	0.0	17.0
D. WBD	* 0	* 4	* -1000	* 4	* AG	1470	1.8	0.0	13.3
E. SBA	* -7	* 1000	* -7	* 0	* AG	2070	1.8	0.0	20.6
F. SBD	* -4	* 0	* -4	* -1000	* AG	1970	1.8	0.0	13.3
G. NBA	* 5	* -1000	* 5	* 0	* AG	1740	1.8	0.0	17.0
H. NBD	* 4	* 0	* 4	* 1000	* AG	1700	1.8	0.0	13.3

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -18	* 10	* 1.8
2. R_002	* 10	* 14	* 1.8
3. R_003	* -10	* -18	* 1.8
4. R_004	* 14	* -10	* 1.8

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

JOB: Central Expressway/Rengstorff Ave 2040 B  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	*	* BRG	* PRED	* CONC	CONC/LINK							
	*	(DEG)	* (PPM)	*	A	B	C	D	E	F	G	H
1. R_001	*	97.	* 0.9	*	0.0	0.2	0.3	0.1	0.2	0.0	0.0	0.1
2. R_002	*	187.	* 1.0	*	0.0	0.1	0.2	0.0	0.0	0.3	0.3	0.1
3. R_003	*	6.	* 0.9	*	0.1	0.0	0.0	0.1	0.3	0.2	0.0	0.2
4. R_004	*	350.	* 0.9	*	0.0	0.2	0.1	0.0	0.2	0.0	0.1	0.3

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

JOB: Central Expressway/Moffett Blvd 2040 Bui  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 5.3 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -7	* 0	* -7	* AG	1210	1.8	0.0	20.6
B. EBD	* 0	* -5	* 1000	* -5	* AG	1690	1.8	0.0	17.0
C. WBA	* 1000	* 7	* 0	* 7	* AG	1380	1.8	0.0	20.6
D. WBD	* 0	* 5	* -1000	* 5	* AG	910	1.8	0.0	17.0
E. SBA	* -7	* 1000	* -7	* 0	* AG	2390	1.8	0.0	20.6
F. SBD	* -4	* 0	* -4	* -1000	* AG	2140	1.8	0.0	13.3
G. NBA	* 7	* -1000	* 7	* 0	* AG	1950	1.8	0.0	20.6
H. NBD	* 4	* 0	* 4	* 1000	* AG	2190	1.8	0.0	13.3

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -18	* 14	* 1.8
2. R_002	* 10	* 18	* 1.8
3. R_003	* -10	* -18	* 1.8
4. R_004	* 18	* -14	* 1.8

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

JOB: Central Expressway/Moffett Blvd 2040 Bui  
RUN: CALINE4 RUN (WORST CASE ANGLE)  
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	* BRG * * (DEG) *	* PRED * * CONC * * (PPM) *	A	B	C	CONC/LINK (PPM)					
						D	E	F	G	H	
1. R_001	* 98. *	* 0.9 *	0.0	0.2	0.2	0.1	0.2	0.0	0.0	0.1	
2. R_002	* 187. *	* 1.0 *	0.0	0.1	0.1	0.0	0.0	0.3	0.3	0.2	
3. R_003	* 6. *	* 1.0 *	0.1	0.0	0.0	0.1	0.4	0.2	0.0	0.3	
4. R_004	* 349. *	* 0.9 *	0.0	0.2	0.1	0.0	0.2	0.0	0.1	0.3	

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

JOB: Bayshore Blvd/Geneva Ave 2040 Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 0.5 M/S                      Z0= 100. CM                      ALT= 0. (M)  
 BRG= WORST CASE              VD= 0.0 CM/S  
 CLAS= 7 (G)                      VS= 0.0 CM/S  
 MIXH= 1000. M                  AMB= 0.0 PPM  
 SIGTH= 15. DEGREES            TEMP= 5.3 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBA	* -1000	* -7	* 0	* -7	* AG	1342	1.8	0.0	20.6
B. EBD	* 0	* 0	* 1000	* 0	* AG	1120	1.8	0.0	10.0
C. WBA	* 1000	* 0	* 0	* 0	* AG	1225	1.8	0.0	10.0
D. WBD	* 0	* 5	* -1000	* 5	* AG	2068	1.8	0.0	17.0
E. SBA	* -9	* 1000	* -9	* 0	* AG	1234	1.8	0.0	24.3
F. SBD	* -4	* 0	* -4	* -1000	* AG	891	1.8	0.0	13.3
G. NBA	* 7	* -1000	* 7	* 0	* AG	1523	1.8	0.0	20.6
H. NBD	* 4	* 0	* 4	* 1000	* AG	1245	1.8	0.0	13.3

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -21	* 14	* 1.8
2. R_002	* 10	* 10	* 1.8
3. R_003	* -10	* -18	* 1.8
4. R_004	* 18	* -5	* 1.8

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

JOB: Bayshore Blvd/Geneva Ave 2040 Build  
 RUN: CALINE4 RUN (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	*	* BRG	* PRED	* CONC	CONC/LINK (PPM)							
	*	(DEG)	*	(PPM)	A	B	C	D	E	F	G	H
1. R_001	*	102.	*	0.7	* 0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.1
2. R_002	*	265.	*	0.8	* 0.2	0.0	0.0	0.4	0.1	0.0	0.0	0.1
3. R_003	*	5.	*	0.7	* 0.1	0.0	0.0	0.1	0.2	0.1	0.0	0.2
4. R_004	*	275.	*	1.0	* 0.2	0.1	0.1	0.3	0.0	0.0	0.1	0.0

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