

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: The Alameda (SR 82)/Taylor Street-Naglee
 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= 5.0 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	755	5.0	0.0	17.0
B. EBD	* 0	* -4	* 1000	* -4	* AG	893	5.0	0.0	13.3
C. WBA	* 1000	* 5	* 0	* 5	* AG	689	5.0	0.0	17.0
D. WBD	* 0	* 4	* -1000	* 4	* AG	661	5.0	0.0	13.3
E. SBA	* -5	* 1000	* -5	* 0	* AG	1550	5.0	0.0	17.0
F. SBD	* -4	* 0	* -4	* -1000	* AG	1382	5.0	0.0	13.3
G. NBA	* 5	* -1000	* 5	* 0	* AG	775	5.0	0.0	17.0
H. NBD	* 4	* 0	* 4	* 1000	* AG	833	5.0	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	* 14	* -10	* 1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
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JOB: The Alameda (SR 82)/Taylor Street-Naglee
 RUN: CALINE4 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. R_001	* 97.	* 1.6 *	0.0	0.4	0.4	0.1	0.5	0.0	0.0	0.0	0.2	
2. R_002	* 188.	* 1.6 *	0.0	0.2	0.2	0.0	0.0	0.6	0.4	0.2		
3. R_003	* 6.	* 1.9 *	0.2	0.0	0.0	0.1	0.9	0.3	0.0	0.4		
4. R_004	* 350.	* 1.5 *	0.0	0.3	0.2	0.0	0.5	0.0	0.1	0.4		

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
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JOB: Autum Street/West Santa Clara Street Exi
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= 5.0 DEGREE (C)

II. LINK VARIABLES

LINK	*	LINK COORDINATES (M)				*		EF	H	W
DESCRIPTION	*	X1	Y1	X2	Y2	* TYPE	VPH	(G/MI)	(M)	(M)
-----*										
A. EBA	*	-1000	-5	0	-5	* AG	678	5.0	0.0	17.0
B. EBD	*	0	-4	1000	-4	* AG	838	5.0	0.0	13.3
C. WBA	*	1000	4	0	4	* AG	863	5.0	0.0	13.3
D. WBD	*	0	4	-1000	4	* AG	1039	5.0	0.0	13.3
E. SBA	*	-4	1000	-4	0	* AG	58	5.0	0.0	13.3
F. SBD	*	-2	0	-2	-1000	* AG	0	5.0	0.0	10.0
G. NBA	*	5	-1000	5	0	* AG	419	5.0	0.0	17.0
H. NBD	*	2	0	2	1000	* AG	141	5.0	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
	*	X	Y	Z
-----*				
1. R_001	*	-10	10	1.8
2. R_002	*	7	11	1.8
3. R_003	*	-7	-14	1.8
4. R_004	*	14	-10	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
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JOB: Autum Street/West Santa Clara Street Exi
 RUN: CALINE4 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. R_001	* 98.	* 1.1 *	0.0	0.4	0.5	0.2	0.0	0.0	0.0	0.0	0.0	
2. R_002	* 262.	* 1.1 *	0.3	0.0	0.1	0.7	0.0	0.0	0.0	0.0	0.0	
3. R_003	* 81.	* 0.9 *	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.1	0.0	
4. R_004	* 277.	* 1.1 *	0.4	0.2	0.0	0.4	0.0	0.0	0.0	0.1	0.0	

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
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JOB: Coleman/I-880 Existing 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= 5.0 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	10	5.0	0.0	13.3
B. EBD	* 0	* -4	* 1000	* -4	* AG	1063	5.0	0.0	13.3
C. WBA	* 1000	* 7	* 0	* 7	* AG	736	5.0	0.0	20.6
D. WBD	* 0	* 2	* -1000	* 2	* AG	13	5.0	0.0	10.0
E. SBA	* -9	* 1000	* -9	* 0	* AG	2370	5.0	0.0	24.3
F. SBD	* -5	* 0	* -5	* -1000	* AG	1931	5.0	0.0	17.0
G. NBA	* 5	* -1000	* 5	* 0	* AG	1697	5.0	0.0	17.0
H. NBD	* 5	* 0	* 5	* 1000	* AG	1806	5.0	0.0	17.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -21	* 7	* 1.8
2. R_002	* 14	* 18	* 1.8
3. R_003	* -15	* -11	* 1.8
4. R_004	* 14	* -10	* 1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
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JOB: Coleman/I-880 Existing B
 RUN: CALINE4 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. R_001	* 93.	* 1.8 *	0.0	0.5	0.4	0.0	0.6	0.0	0.0	0.0	0.2	
2. R_002	* 189.	* 2.2 *	0.0	0.2	0.2	0.0	0.0	0.6	0.8	0.3		
3. R_003	* 6.	* 1.9 *	0.0	0.0	0.0	0.0	1.2	0.1	0.0	0.5		
4. R_004	* 351.	* 2.4 *	0.0	0.3	0.2	0.0	0.7	0.0	0.2	1.0		

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
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JOB: Monterey Road/Blossom Hill Rd Existing 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= 5.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBD	0	-4	1000	-4	AG	196	5.0	0.0	13.3
B. WBA	1000	4	0	4	AG	805	5.0	0.0	13.3
C. WBD	0	2	-1000	2	AG	561	5.0	0.0	10.0
D. SBA	-7	1000	-7	0	AG	1858	5.0	0.0	20.6
E. SBD	-4	0	-4	-1000	AG	1574	5.0	0.0	13.3
F. NBA	5	-1000	5	0	AG	1024	5.0	0.0	17.0
G. NBD	5	0	5	1000	AG	1356	5.0	0.0	17.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	-18	7	1.8
2. R_002	14	10	1.8
3. R_003	-15	-7	1.8
4. R_004	14	-11	1.8

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JOB: Monterey Road/Blossom Hill Rd Existing B
 RUN: CALINE4 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. R_001	* 94.	* 1.5 *	0.1	0.5	0.2	0.5	0.0	0.0	0.2
2. R_002	* 189.	* 1.6 *	0.0	0.3	0.0	0.0	0.5	0.6	0.1
3. R_003	* 7.	* 1.7 *	0.0	0.0	0.2	1.1	0.0	0.0	0.4
4. R_004	* 351.	* 1.7 *	0.1	0.2	0.0	0.6	0.0	0.1	0.7

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JOB: US101/Blossom Hill Rd Existing 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= 5.0 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	2395	5.0	0.0	17.0
B. EBD	* 0	* -5	* 1000	* -5	* AG	2411	5.0	0.0	17.0
C. WBA	* 1000	* 4	* 0	* 4	* AG	881	5.0	0.0	13.3
D. WBD	* 0	* 4	* -1000	* 4	* AG	2455	5.0	0.0	13.3
E. SBA	* -5	* 1000	* -5	* 0	* AG	1826	5.0	0.0	17.0
F. SBD	* -2	* 0	* -2	* -1000	* AG	236	5.0	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -15	* 11	* 1.8
2. R_002	* 3	* 11	* 1.8
3. R_003	* -8	* -15	* 1.8
4. R_004	* 3	* -15	* 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	* PRED *	CONC/LINK					
	BRG	CONC	(PPM)					
	(DEG)	(PPM)	A	B	C	D	E	F
1. R_001	* 261.	* 2.5 *	0.9	0.0	0.0	1.6	0.0	0.0
2. R_002	* 261.	* 3.0 *	0.9	0.0	0.0	1.5	0.6	0.0
3. R_003	* 1.	* 2.2 *	0.7	0.0	0.0	0.4	1.1	0.0
4. R_004	* 279.	* 2.2 *	1.4	0.0	0.0	0.7	0.0	0.1

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JOB: The Alameda (SR 82)/Taylor Street-Naglee
 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= 5.0 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	755	5.0	0.0	17.0
B. EBD	* 0	* -4	* 1000	* -4	* AG	893	5.0	0.0	13.3
C. WBA	* 1000	* 5	* 0	* 5	* AG	689	5.0	0.0	17.0
D. WBD	* 0	* 4	* -1000	* 4	* AG	661	5.0	0.0	13.3
E. SBA	* -5	* 1000	* -5	* 0	* AG	1550	5.0	0.0	17.0
F. SBD	* -4	* 0	* -4	* -1000	* AG	1382	5.0	0.0	13.3
G. NBA	* 5	* -1000	* 5	* 0	* AG	775	5.0	0.0	17.0
H. NBD	* 4	* 0	* 4	* 1000	* AG	833	5.0	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	* 14	* -10	* 1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
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JOB: The Alameda (SR 82)/Taylor Street-Naglee
 RUN: CALINE4 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. R_001	* 97.	* 1.6 *	0.0	0.4	0.4	0.1	0.5	0.0	0.0	0.0	0.2	
2. R_002	* 188.	* 1.6 *	0.0	0.2	0.2	0.0	0.0	0.6	0.4	0.2		
3. R_003	* 6.	* 1.9 *	0.2	0.0	0.0	0.1	0.9	0.3	0.0	0.4		
4. R_004	* 350.	* 1.5 *	0.0	0.3	0.2	0.0	0.5	0.0	0.1	0.4		

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
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JOB: Autumn Street/West Santa Clara Street Exi
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= 5.0 DEGREE (C)

II. LINK VARIABLES

LINK	* LINK COORDINATES (M)	* EF	H	W
DESCRIPTION	* X1 Y1 X2 Y2 * TYPE VPH (G/MI) (M) (M)			
A. EBA	* -1000 -5 0 -5 * AG 661 5.0 0.0 17.0			
B. EBD	* 0 -4 1000 -4 * AG 733 5.0 0.0 13.3			
C. WBA	* 1000 4 0 4 * AG 840 5.0 0.0 13.3			
D. WBD	* 0 4 -1000 4 * AG 928 5.0 0.0 13.3			
E. SBA	* -4 1000 -4 0 * AG 58 5.0 0.0 13.3			
F. SBD	* -2 0 -2 -1000 * AG 0 5.0 0.0 10.0			
G. NBA	* 5 -1000 5 0 * AG 243 5.0 0.0 17.0			
H. NBD	* 2 0 2 1000 * AG 141 5.0 0.0 10.0			

III. RECEPTOR LOCATIONS

RECEPTOR	* COORDINATES (M)
	* X Y Z
1. R_001	* -10 10 1.8
2. R_002	* 7 11 1.8
3. R_003	* -7 -14 1.8
4. R_004	* 14 -10 1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
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JOB: Autumn Street/West Santa Clara Street Exi
 RUN: CALINE4 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. R_001	* 98.	* 1.0 *	0.0	0.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	
2. R_002	* 262.	* 1.1 *	0.3	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.0	
3. R_003	* 81.	* 0.8 *	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.1	0.0	
4. R_004	* 277.	* 1.0 *	0.4	0.1	0.0	0.4	0.0	0.0	0.0	0.1	0.0	

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
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JOB: Coleman/I-880 Existing NB
 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= 5.0 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	10	5.0	0.0	13.3
B. EBD	* 0	* -4	* 1000	* -4	* AG	1063	5.0	0.0	13.3
C. WBA	* 1000	* 7	* 0	* 7	* AG	651	5.0	0.0	20.6
D. WBD	* 0	* 2	* -1000	* 2	* AG	13	5.0	0.0	10.0
E. SBA	* -9	* 1000	* -9	* 0	* AG	2370	5.0	0.0	24.3
F. SBD	* -5	* 0	* -5	* -1000	* AG	1931	5.0	0.0	17.0
G. NBA	* 5	* -1000	* 5	* 0	* AG	1697	5.0	0.0	17.0
H. NBD	* 5	* 0	* 5	* 1000	* AG	1721	5.0	0.0	17.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -21	* 7	* 1.8
2. R_002	* 14	* 18	* 1.8
3. R_003	* -15	* -11	* 1.8
4. R_004	* 14	* -10	* 1.8

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JOB: Coleman/I-880 Existing NB
 RUN: CALINE4 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. R_001	* 9. *	* 1.7 *	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.5	
2. R_002	* 189. *	* 2.1 *	0.0	0.2	0.2	0.0	0.0	0.6	0.8	0.3		
3. R_003	* 6. *	* 1.9 *	0.0	0.0	0.0	0.0	1.2	0.1	0.0	0.5		
4. R_004	* 351. *	* 2.3 *	0.0	0.3	0.1	0.0	0.7	0.0	0.2	0.9		

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JOB: Monterey Road/Blossom Hill Rd Existing 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= 5.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (M)				* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
		X1	Y1	X2	Y2						
A. EBD	*	0	-4	1000	-4	* AG	190	5.0	0.0	13.3	
B. WBA	*	1000	4	0	4	* AG	828	5.0	0.0	13.3	
C. WBD	*	0	2	-1000	2	* AG	481	5.0	0.0	10.0	
D. SBA	*	-7	1000	-7	0	* AG	1800	5.0	0.0	20.6	
E. SBD	*	-4	0	-4	-1000	* AG	1596	5.0	0.0	13.3	
F. NBA	*	5	-1000	5	0	* AG	1033	5.0	0.0	17.0	
G. NBD	*	5	0	5	1000	* AG	1394	5.0	0.0	17.0	

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M)		
		X	Y	Z
1. R_001	*	-18	7	1.8
2. R_002	*	14	10	1.8
3. R_003	*	-15	-7	1.8
4. R_004	*	14	-11	1.8

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JOB: Monterey Road/Blossom Hill Rd Existing N
 RUN: CALINE4 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. R_001	* 94.	* 1.5 *	0.1	0.5	0.1	0.5	0.0	0.0	0.2
2. R_002	* 189.	* 1.6 *	0.0	0.3	0.0	0.0	0.5	0.6	0.2
3. R_003	* 7.	* 1.6 *	0.0	0.0	0.1	1.1	0.0	0.0	0.4
4. R_004	* 351.	* 1.7 *	0.1	0.2	0.0	0.6	0.0	0.1	0.8

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

JOB: US101/Blossom Hill Rd Existing NB
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= 5.0 DEGREE (C)

II. LINK VARIABLES

LINK	*	LINK COORDINATES (M)				*		EF	H	W
DESCRIPTION	*	X1	Y1	X2	Y2	* TYPE	VPH	(G/MI)	(M)	(M)
A. EBA	*	-1000	-5	0	-5	* AG	2346	5.0	0.0	17.0
B. EBD	*	0	-5	1000	-5	* AG	2348	5.0	0.0	17.0
C. WBA	*	1000	4	0	4	* AG	881	5.0	0.0	13.3
D. WBD	*	0	4	-1000	4	* AG	2439	5.0	0.0	13.3
E. SBA	*	-5	1000	-5	0	* AG	1747	5.0	0.0	17.0
F. SBD	*	-2	0	-2	-1000	* AG	187	5.0	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
	*	X	Y	Z
1. R_001	*	-15	11	1.8
2. R_002	*	3	11	1.8
3. R_003	*	-8	-15	1.8
4. R_004	*	3	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	* PRED *	CONC/LINK					
	* BRG *	* CONC *	(PPM)					
	* (DEG) *	* (PPM) *	A	B	C	D	E	F
1. R_001	* 261. *	* 2.5 *	0.8	0.0	0.0	1.6	0.0	0.0
2. R_002	* 261. *	* 2.9 *	0.8	0.0	0.0	1.5	0.5	0.0
3. R_003	* 1. *	* 2.1 *	0.7	0.0	0.0	0.4	1.0	0.0
4. R_004	* 279. *	* 2.1 *	1.3	0.0	0.0	0.7	0.0	0.1

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

JOB: The Alameda (SR 82)/Taylor Street-Naglee
 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= 5.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (M)				* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
		X1	Y1	X2	Y2						
A. EBA	*	-1000	-5	0	-5	* AG	1835	1.6	0.0	17.0	
B. EBD	*	0	-4	1000	-4	* AG	2030	1.6	0.0	13.3	
C. WBA	*	1000	5	0	5	* AG	1460	1.6	0.0	17.0	
D. WBD	*	0	4	-1000	4	* AG	1433	1.6	0.0	13.3	
E. SBA	*	-5	1000	-5	0	* AG	1891	1.6	0.0	17.0	
F. SBD	*	-4	0	-4	-1000	* AG	1666	1.6	0.0	13.3	
G. NBA	*	5	-1000	5	0	* AG	1326	1.6	0.0	17.0	
H. NBD	*	4	0	4	1000	* AG	1383	1.6	0.0	13.3	

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M)		
		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	*	14	-10	1.8

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

JOB: The Alameda (SR 82)/Taylor Street-Naglee
 RUN: CALINE4 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. R_001	* 98.	* 0.8	* 0.0	0.2	0.2	0.1	0.2	0.0	0.0	0.1		
2. R_002	* 188.	* 0.8	* 0.0	0.1	0.1	0.0	0.0	0.2	0.2	0.1		
3. R_003	* 7.	* 0.8	* 0.2	0.0	0.0	0.1	0.3	0.1	0.0	0.2		
4. R_004	* 277.	* 0.8	* 0.3	0.1	0.0	0.2	0.0	0.1	0.1	0.0		

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

JOB: Autum Street/West Santa Clara Street Hor
 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
 SIGHTH= 15. DEGREES TEMP= 5.0 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	1906	1.6	0.0	17.0
B. EBD	* 0	* -4	* 1000	* -4	* AG	1748	1.6	0.0	13.3
C. WBA	* 1000	* 4	* 0	* 4	* AG	1520	1.6	0.0	13.3
D. WBD	* 0	* 4	* -1000	* 4	* AG	1385	1.6	0.0	13.3
E. SBA	* -4	* 1000	* -4	* 0	* AG	1178	1.6	0.0	13.3
F. SBD	* -2	* 0	* -2	* -1000	* AG	1409	1.6	0.0	10.0
G. NBA	* 5	* -1000	* 5	* 0	* AG	864	1.6	0.0	17.0
H. NBD	* 2	* 0	* 2	* 1000	* AG	926	1.6	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -10	* 10	* 1.8
2. R_002	* 7	* 11	* 1.8
3. R_003	* -7	* -14	* 1.8
4. R_004	* 14	* -10	* 1.8

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

JOB: Autum Street/West Santa Clara Street Hor
 RUN: CALINE4 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. R_001	* 99.	* 0.7 *	0.0	0.2	0.3	0.1	0.1	0.0	0.0	0.1	0.0	0.1
2. R_002	* 261.	* 0.7 *	0.2	0.0	0.0	0.3	0.1	0.0	0.0	0.1	0.0	0.1
3. R_003	* 7.	* 0.8 *	0.2	0.0	0.0	0.1	0.2	0.1	0.0	0.1	0.0	0.1
4. R_004	* 277.	* 0.8 *	0.3	0.1	0.0	0.2	0.0	0.1	0.1	0.1	0.1	0.0

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

JOB: Coleman/I-880 Horizon 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= 5.0 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	20	1.6	0.0	13.3
B. EBD	* 0	* -4	* 1000	* -4	* AG	1094	1.6	0.0	13.3
C. WBA	* 1000	* 7	* 0	* 7	* AG	850	1.6	0.0	20.6
D. WBD	* 0	* 2	* -1000	* 2	* AG	20	1.6	0.0	10.0
E. SBA	* -9	* 1000	* -9	* 0	* AG	3289	1.6	0.0	24.3
F. SBD	* -5	* 0	* -5	* -1000	* AG	3039	1.6	0.0	17.0
G. NBA	* 5	* -1000	* 5	* 0	* AG	2291	1.6	0.0	17.0
H. NBD	* 5	* 0	* 5	* 1000	* AG	2297	1.6	0.0	17.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -21	* 7	* 1.8
2. R_002	* 14	* 18	* 1.8
3. R_003	* -15	* -11	* 1.8
4. R_004	* 14	* -10	* 1.8

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

JOB: Coleman/I-880 Horizon B
 RUN: CALINE4 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. R_001	* 9. *	* 0.7 *	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.2	
2. R_002	* 189. *	* 0.9 *	0.0	0.1	0.1	0.0	0.0	0.3	0.3	0.1		
3. R_003	* 6. *	* 0.8 *	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.2		
4. R_004	* 351. *	* 0.9 *	0.0	0.1	0.1	0.0	0.3	0.0	0.1	0.4		

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

JOB: Monterey Road/Blossom Hill Rd Horizon 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= 5.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. EBD	0	-4	1000	-4	AG	320	1.6	0.0	13.3
B. WBA	1000	4	0	4	AG	980	1.6	0.0	13.3
C. WBD	0	2	-1000	2	AG	700	1.6	0.0	10.0
D. SBA	-7	1000	-7	0	AG	3300	1.6	0.0	20.6
E. SBD	-4	0	-4	-1000	AG	2900	1.6	0.0	13.3
F. NBA	5	-1000	5	0	AG	2110	1.6	0.0	17.0
G. NBD	5	0	5	1000	AG	2470	1.6	0.0	17.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	-18	7	1.8
2. R_002	14	10	1.8
3. R_003	-15	-7	1.8
4. R_004	14	-11	1.8

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

JOB: Monterey Road/Blossom Hill Rd Horizon B
 RUN: CALINE4 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. R_001	* 9.	* 0.8	* 0.0	* 0.0	* 0.0	* 0.6	* 0.0	* 0.0	* 0.2
2. R_002	* 189.	* 0.8	* 0.0	* 0.1	* 0.0	* 0.0	* 0.3	* 0.3	* 0.1
3. R_003	* 7.	* 0.8	* 0.0	* 0.0	* 0.1	* 0.6	* 0.0	* 0.0	* 0.2
4. R_004	* 351.	* 0.8	* 0.0	* 0.1	* 0.0	* 0.3	* 0.0	* 0.1	* 0.4

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

JOB: US101/Blossom Hill Rd Horizon 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= 5.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (M)				* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
		X1	Y1	X2	Y2						
A. EBA	*	-1000	-5	0	-5	*	AG	2950	1.6	0.0	17.0
B. EBD	*	0	-5	1000	-5	*	AG	2980	1.6	0.0	17.0
C. WBA	*	1000	4	0	4	*	AG	1090	1.6	0.0	13.3
D. WBD	*	0	4	-1000	4	*	AG	3030	1.6	0.0	13.3
E. SBA	*	-5	1000	-5	0	*	AG	2260	1.6	0.0	17.0
F. SBD	*	-2	0	-2	-1000	*	AG	290	1.6	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M)		
		X	Y	Z
1. R_001	*	-15	11	1.8
2. R_002	*	3	11	1.8
3. R_003	*	-8	-15	1.8
4. R_004	*	3	-15	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	* PRED *	CONC/LINK					
	* BRG *	* CONC *	(PPM)					
	* (DEG) *	* (PPM) *	A	B	C	D	E	F
1. R_001	* 260. *	* 0.9 *	0.3	0.0	0.0	0.6	0.0	0.0
2. R_002	* 261. *	* 1.1 *	0.3	0.0	0.0	0.6	0.2	0.0
3. R_003	* 1. *	* 0.8 *	0.3	0.0	0.0	0.2	0.4	0.0
4. R_004	* 280. *	* 0.8 *	0.5	0.0	0.0	0.3	0.0	0.0

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

JOB: The Alameda (SR 82)/Taylor Street-Naglee
 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= 5.0 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	1830	1.6	0.0	17.0
B. EBD	* 0	* -4	* 1000	* -4	* AG	2030	1.6	0.0	13.3
C. WBA	* 1000	* 5	* 0	* 5	* AG	1460	1.6	0.0	17.0
D. WBD	* 0	* 4	* -1000	* 4	* AG	1430	1.6	0.0	13.3
E. SBA	* -5	* 1000	* -5	* 0	* AG	1800	1.6	0.0	17.0
F. SBD	* -4	* 0	* -4	* -1000	* AG	1570	1.6	0.0	13.3
G. NBA	* 5	* -1000	* 5	* 0	* AG	1250	1.6	0.0	17.0
H. NBD	* 4	* 0	* 4	* 1000	* AG	1310	1.6	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	* 14	* -10	* 1.8

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

JOB: The Alameda (SR 82)/Taylor Street-Naglee
 RUN: CALINE4 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. R_001	* 98.	* 0.8 *	0.0	0.2	0.2	0.1	0.2	0.0	0.0	0.0	0.1	
2. R_002	* 188.	* 0.7 *	0.0	0.1	0.1	0.0	0.0	0.2	0.2	0.1		
3. R_003	* 7.	* 0.8 *	0.2	0.0	0.0	0.1	0.3	0.1	0.0	0.2		
4. R_004	* 277.	* 0.8 *	0.3	0.1	0.0	0.2	0.0	0.1	0.1	0.0		

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

JOB: Autum Street/West Santa Clara Street Hor
 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= 5.0 DEGREE (C)

II. LINK VARIABLES

LINK	* LINK COORDINATES (M)	* EF	H	W
DESCRIPTION	* X1 Y1 X2 Y2 * TYPE VPH (G/MI) (M) (M)			
A. EBA	* -1000 -5 0 -5 * AG 1920	1.6	0.0	17.0
B. EBD	* 0 -4 1000 -4 * AG 1730	1.6	0.0	13.3
C. WBA	* 1000 4 0 4 * AG 1310	1.6	0.0	13.3
D. WBD	* 0 4 -1000 4 * AG 1050	1.6	0.0	13.3
E. SBA	* -4 1000 -4 0 * AG 1030	1.6	0.0	13.3
F. SBD	* -2 0 -2 -1000 * AG 1310	1.6	0.0	10.0
G. NBA	* 5 -1000 5 0 * AG 530	1.6	0.0	17.0
H. NBD	* 2 0 2 1000 * AG 700	1.6	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* COORDINATES (M)
	* X Y Z
1. R_001	* -10 10 1.8
2. R_002	* 7 11 1.8
3. R_003	* -7 -14 1.8
4. R_004	* 14 -10 1.8

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

JOB: Autum Street/West Santa Clara Street Hor
 RUN: CALINE4 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. R_001	* 99.	* 0.7 *	0.0	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.1	
2. R_002	* 261.	* 0.6 *	0.2	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.1	
3. R_003	* 7.	* 0.7 *	0.2	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.1	
4. R_004	* 277.	* 0.7 *	0.3	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	

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

JOB: Coleman/I-880 Horizon NB
 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= 5.0 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	0	1.6	0.0	13.3
B. EBD	* 0	* -4	* 1000	* -4	* AG	1070	1.6	0.0	13.3
C. WBA	* 1000	* 7	* 0	* 7	* AG	850	1.6	0.0	20.6
D. WBD	* 0	* 2	* -1000	* 2	* AG	20	1.6	0.0	10.0
E. SBA	* -9	* 1000	* -9	* 0	* AG	3220	1.6	0.0	24.3
F. SBD	* -5	* 0	* -5	* -1000	* AG	2950	1.6	0.0	17.0
G. NBA	* 5	* -1000	* 5	* 0	* AG	2180	1.6	0.0	17.0
H. NBD	* 5	* 0	* 5	* 1000	* AG	2210	1.6	0.0	17.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -21	* 7	* 1.8
2. R_002	* 14	* 18	* 1.8
3. R_003	* -15	* -11	* 1.8
4. R_004	* 14	* -10	* 1.8

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

JOB: Coleman/I-880 Horizon NB
 RUN: CALINE4 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. R_001	* 9. *	* 0.7 *	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.2	
2. R_002	* 189. *	* 0.8 *	0.0	0.1	0.1	0.0	0.0	0.3	0.3	0.1		
3. R_003	* 6. *	* 0.8 *	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.2		
4. R_004	* 351. *	* 0.9 *	0.0	0.1	0.1	0.0	0.3	0.0	0.1	0.4		

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

JOB: Monterey Road/Blossom Hill Rd Horizon NB
 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= 5.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (M)				* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
		X1	Y1	X2	Y2						
A. EBD	*	0	-4	1000	-4	* AG	310	1.6	0.0	13.3	
B. WBA	*	1000	4	0	4	* AG	1010	1.6	0.0	13.3	
C. WBD	*	0	2	-1000	2	* AG	600	1.6	0.0	10.0	
D. SBA	*	-7	1000	-7	0	* AG	870	1.6	0.0	20.6	
E. SBD	*	-4	0	-4	-1000	* AG	570	1.6	0.0	13.3	
F. NBA	*	5	-1000	5	0	* AG	2180	1.6	0.0	17.0	
G. NBD	*	5	0	5	1000	* AG	2580	1.6	0.0	17.0	

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M)		
		X	Y	Z
1. R_001	*	-18	7	1.8
2. R_002	*	14	10	1.8
3. R_003	*	-15	-7	1.8
4. R_004	*	14	-11	1.8

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

JOB: Monterey Road/Blossom Hill Rd Horizon NB
 RUN: CALINE4 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. R_001	* 94.	* 0.5	* 0.1	0.2	0.1	0.1	0.0	0.0	0.1
2. R_002	* 188.	* 0.6	* 0.0	0.1	0.0	0.0	0.1	0.4	0.1
3. R_003	* 9.	* 0.4	* 0.0	0.0	0.1	0.2	0.0	0.0	0.2
4. R_004	* 351.	* 0.7	* 0.0	0.1	0.0	0.1	0.0	0.1	0.4

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

JOB: US101/Blossom Hill Rd Horizon NB
 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= 5.0 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	2890	1.6	0.0	17.0
B. EBD	* 0	* -5	* 1000	* -5	* AG	2900	1.6	0.0	17.0
C. WBA	* 1000	* 4	* 0	* 4	* AG	1090	1.6	0.0	13.3
D. WBD	* 0	* 4	* -1000	* 4	* AG	3010	1.6	0.0	13.3
E. SBA	* -5	* 1000	* -5	* 0	* AG	2160	1.6	0.0	17.0
F. SBD	* -2	* 0	* -2	* -1000	* AG	230	1.6	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -15	* 11	* 1.8
2. R_002	* 3	* 11	* 1.8
3. R_003	* -8	* -15	* 1.8
4. R_004	* 3	* -15	* 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	* PRED *	CONC/LINK					
	BRG	CONC	(PPM)					
	(DEG)	(PPM)	A	B	C	D	E	F
1. R_001	260.	0.9	0.3	0.0	0.0	0.6	0.0	0.0
2. R_002	261.	1.1	0.3	0.0	0.0	0.6	0.2	0.0
3. R_003	1.	0.8	0.3	0.0	0.0	0.2	0.4	0.0
4. R_004	279.	0.8	0.5	0.0	0.0	0.3	0.0	0.0

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

JOB: The Alameda (SR 82)/Taylor Street-Naglee
 RUN: CALINE4 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. R_001	* 97.	* 0.8 *	0.0	0.2	0.2	0.1	0.2	0.0	0.0	0.1		
2. R_002	* 188.	* 0.7 *	0.0	0.1	0.1	0.0	0.0	0.2	0.2	0.1		
3. R_003	* 7.	* 0.8 *	0.1	0.0	0.0	0.1	0.3	0.1	0.0	0.2		
4. R_004	* 277.	* 0.7 *	0.3	0.1	0.0	0.2	0.0	0.1	0.1	0.0		

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

JOB: Autum Street/West Santa Clara Street Ope
 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= 5.0 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	1356	1.7	0.0	17.0
B. EBD	* 0	* -4	* 1000	* -4	* AG	1238	1.7	0.0	13.3
C. WBA	* 1000	* 4	* 0	* 4	* AG	1340	1.7	0.0	13.3
D. WBD	* 0	* 4	* -1000	* 4	* AG	1285	1.7	0.0	13.3
E. SBA	* -4	* 1000	* -4	* 0	* AG	798	1.7	0.0	13.3
F. SBD	* -2	* 0	* -2	* -1000	* AG	899	1.7	0.0	10.0
G. NBA	* 5	* -1000	* 5	* 0	* AG	634	1.7	0.0	17.0
H. NBD	* 2	* 0	* 2	* 1000	* AG	706	1.7	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -10	* 10	* 1.8
2. R_002	* 7	* 11	* 1.8
3. R_003	* -7	* -14	* 1.8
4. R_004	* 14	* -10	* 1.8

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

JOB: Autum Street/West Santa Clara Street Ope
 RUN: CALINE4 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. R_001	* 99.	* 0.6 *	0.0	0.2	0.3	0.1	0.1	0.0	0.0	0.1		
2. R_002	* 261.	* 0.7 *	0.2	0.0	0.0	0.3	0.1	0.0	0.0	0.1		
3. R_003	* 6.	* 0.6 *	0.1	0.0	0.0	0.1	0.2	0.1	0.0	0.1		
4. R_004	* 277.	* 0.6 *	0.3	0.1	0.0	0.2	0.0	0.1	0.1	0.0		

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

JOB: Coleman/I-880 Opening 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= 5.0 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	10	1.7	0.0	13.3
B. EBD	* 0	* -4	* 1000	* -4	* AG	1094	1.7	0.0	13.3
C. WBA	* 1000	* 7	* 0	* 7	* AG	780	1.7	0.0	20.6
D. WBD	* 0	* 2	* -1000	* 2	* AG	20	1.7	0.0	10.0
E. SBA	* -9	* 1000	* -9	* 0	* AG	2999	1.7	0.0	24.3
F. SBD	* -5	* 0	* -5	* -1000	* AG	2669	1.7	0.0	17.0
G. NBA	* 5	* -1000	* 5	* 0	* AG	2103	1.7	0.0	17.0
H. NBD	* 5	* 0	* 5	* 1000	* AG	2109	1.7	0.0	17.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -21	* 7	* 1.8
2. R_002	* 14	* 18	* 1.8
3. R_003	* -15	* -11	* 1.8
4. R_004	* 14	* -10	* 1.8

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

JOB: Coleman/I-880 Opening B
 RUN: CALINE4 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. R_001	* 9. *	* 0.7 *	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.2	
2. R_002	* 189. *	* 0.9 *	0.0	0.1	0.1	0.0	0.0	0.3	0.3	0.1		
3. R_003	* 6. *	* 0.8 *	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.2		
4. R_004	* 351. *	* 0.9 *	0.0	0.1	0.1	0.0	0.3	0.0	0.1	0.4		

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

JOB: Monterey Road/Blossom Hill Rd Opening B
 RUN: CALINE4 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. R_001	* 9.	* 0.6	* 0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.2
2. R_002	* 189.	* 0.7	* 0.1	0.1	0.0	0.0	0.0	0.2	0.2	0.1
3. R_003	* 7.	* 0.6	* 0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.2
4. R_004	* 351.	* 0.7	* 0.1	0.1	0.0	0.0	0.2	0.0	0.1	0.3

RECEPTOR	*	* PRED *	CONC/LINK					
	BRG	CONC	(PPM)					
	(DEG)	(PPM)	A	B	C	D	E	F
1. R_001	* 261.	* 0.9 *	0.3	0.0	0.0	0.6	0.0	0.0
2. R_002	* 261.	* 1.1 *	0.3	0.0	0.0	0.6	0.2	0.0
3. R_003	* 1.	* 0.8 *	0.3	0.0	0.0	0.2	0.4	0.0
4. R_004	* 279.	* 0.8 *	0.5	0.0	0.0	0.3	0.0	0.0

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

JOB: The Alameda (SR 82)/Taylor Street-Naglee
 RUN: CALINE4 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. R_001	* 97.	* 0.8 *	0.0	0.2	0.2	0.1	0.2	0.0	0.0	0.0	0.1	
2. R_002	* 188.	* 0.7 *	0.0	0.1	0.1	0.0	0.0	0.2	0.2	0.1		
3. R_003	* 7.	* 0.8 *	0.1	0.0	0.0	0.1	0.3	0.1	0.0	0.2		
4. R_004	* 277.	* 0.7 *	0.3	0.1	0.0	0.2	0.0	0.1	0.1	0.0		

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

JOB: Autum Street/West Santa Clara Street Ope
 RUN: CALINE4 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. R_001	* 99.	* 0.6 *	0.0	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	
2. R_002	* 261.	* 0.6 *	0.2	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.1	
3. R_003	* 80.	* 0.5 *	0.0	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	
4. R_004	* 277.	* 0.6 *	0.3	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	

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

JOB: Coleman/I-880 Opening NB
 RUN: CALINE4 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. R_001	* 9. *	* 0.7 *	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.2	
2. R_002	* 189. *	* 0.8 *	0.0	0.1	0.1	0.0	0.0	0.3	0.3	0.1		
3. R_003	* 6. *	* 0.7 *	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.2		
4. R_004	* 351. *	* 0.9 *	0.0	0.1	0.1	0.0	0.3	0.0	0.1	0.3		

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

JOB: Monterey Road/Blossom Hill Rd Opening NB
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
SIGHT= 15. DEGREES TEMP= 5.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M)				*			EF	H	W
	*	X1	Y1	X2	Y2	*	TYPE	VPH	(G/MI)	(M)	(M)
A. EBD	*	0	-4	1000	-4	*	AG	270	1.7	0.0	13.3
B. WBA	*	1000	4	0	4	*	AG	940	1.7	0.0	13.3
C. WBD	*	0	2	-1000	2	*	AG	560	1.7	0.0	10.0
D. SBA	*	-7	1000	-7	0	*	AG	2750	1.7	0.0	20.6
E. SBD	*	-4	0	-4	-1000	*	AG	2480	1.7	0.0	13.3
F. NBA	*	5	-1000	5	0	*	AG	1760	1.7	0.0	17.0
G. NBD	*	5	0	5	1000	*	AG	2140	1.7	0.0	17.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
	*	X	Y	Z
1. R_001	*	-18	7	1.8
2. R_002	*	14	10	1.8
3. R_003	*	-15	-7	1.8
4. R_004	*	14	-11	1.8

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

JOB: Monterey Road/Blossom Hill Rd Opening NB
 RUN: CALINE4 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. R_001	* 9.	* 0.7	* 0.0	* 0.0	* 0.0	* 0.5	* 0.0	* 0.0	* 0.2
2. R_002	* 189.	* 0.8	* 0.0	* 0.1	* 0.0	* 0.0	* 0.2	* 0.3	* 0.1
3. R_003	* 7.	* 0.8	* 0.0	* 0.0	* 0.1	* 0.5	* 0.0	* 0.0	* 0.2
4. R_004	* 351.	* 0.8	* 0.0	* 0.1	* 0.0	* 0.3	* 0.0	* 0.1	* 0.4

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

JOB: US101/Blossom Hill Rd Opening NB
 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= 5.0 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	2680	1.7	0.0	17.0
B. EBD	* 0	* -5	* 1000	* -5	* AG	2690	1.7	0.0	17.0
C. WBA	* 1000	* 4	* 0	* 4	* AG	1010	1.7	0.0	13.3
D. WBD	* 0	* 4	* -1000	* 4	* AG	2800	1.7	0.0	13.3
E. SBA	* -5	* 1000	* -5	* 0	* AG	2010	1.7	0.0	17.0
F. SBD	* -2	* 0	* -2	* -1000	* AG	210	1.7	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. R_001	* -15	* 11	* 1.8
2. R_002	* 3	* 11	* 1.8
3. R_003	* -8	* -15	* 1.8
4. R_004	* 3	* -15	* 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	* PRED *	CONC/LINK					
	BRG	CONC	(PPM)					
	(DEG)	(PPM)	A	B	C	D	E	F
1. R_001	* 261.	* 0.9 *	0.3	0.0	0.0	0.6	0.0	0.0
2. R_002	* 261.	* 1.1 *	0.3	0.0	0.0	0.6	0.2	0.0
3. R_003	* 1.	* 0.8 *	0.3	0.0	0.0	0.2	0.4	0.0
4. R_004	* 279.	* 0.8 *	0.5	0.0	0.0	0.3	0.0	0.0