

Appendix 4.6-4
CALINE

Summer Calculations

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

JOB: CVBMP - Broadway and H
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	450	14	1.8
2. Recpt 2	*	150	14	1.8
3. Recpt 3	*	50	14	1.8
4. Recpt 4	*	-50	14	1.8
5. Recpt 5	*	-150	14	1.8
6. Recpt 6	*	-450	14	1.8
7. Recpt 7	*	450	-14	1.8
8. Recpt 8	*	150	-14	1.8
9. Recpt 9	*	50	-14	1.8
10. Recpt 10	*	-50	-14	1.8
11. Recpt 11	*	-150	-14	1.8
12. Recpt 12	*	-450	-14	1.8
13. Recpt 13	*	-14	450	1.8
14. Recpt 14	*	-14	150	1.8
15. Recpt 15	*	-14	50	1.8
16. Recpt 16	*	-14	-50	1.8
17. Recpt 17	*	-14	-150	1.8
18. Recpt 18	*	-14	-450	1.8
19. Recpt 19	*	14	50	1.8
20. Recpt 20	*	14	-50	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 3

JOB: CVBMP - Broadway and H
 RUN: Hour 1 (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. Recpt 1	*	268.	* 3.3 *	.3	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	267.	* 3.6 *	.0	.3	.1	.0	.0	.0	.0	.0
3. Recpt 3	*	266.	* 3.6 *	.0	.2	.3	.0	.0	.0	.0	.0
4. Recpt 4	*	94.	* 3.6 *	.0	.2	.3	.0	.0	.0	.0	.0
5. Recpt 5	*	94.	* 3.6 *	.0	.0	.5	.0	.0	.0	.0	.0
6. Recpt 6	*	92.	* 3.4 *	.0	.0	.0	.3	.0	.0	.0	.0
7. Recpt 7	*	273.	* 3.2 *	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	*	274.	* 3.5 *	.0	.0	.1	.0	.0	.0	.0	.0
9. Recpt 9	*	275.	* 3.5 *	.0	.0	.2	.0	.0	.0	.0	.0
10. Recpt 10	*	85.	* 3.5 *	.0	.1	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	86.	* 3.5 *	.0	.0	.0	.0	.0	.0	.0	.0
12. Recpt 12	*	87.	* 3.3 *	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	*	178.	* 3.3 *	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	*	177.	* 3.6 *	.0	.0	.0	.0	.0	.0	.0	.0
15. Recpt 15	*	176.	* 3.6 *	.0	.0	.1	.0	.0	.0	.0	.0
16. Recpt 16	*	4.	* 3.5 *	.0	.0	.0	.0	.0	.0	.0	.0
17. Recpt 17	*	3.	* 3.5 *	.0	.0	.0	.0	.0	.0	.0	.0
18. Recpt 18	*	3.	* 3.3 *	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	*	184.	* 3.5 *	.0	.0	.0	.0	.0	.2	.0	.0
20. Recpt 20	*	355.	* 3.5 *	.0	.0	.0	.0	.0	.2	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 4

JOB: CVBMP - Broadway and H
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	*	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. Recpt 12	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

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

JOB: CVBMP H and Woodlawn summer
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= 2.7 PPM
 SIGTH= 5. DEGREES TEMP= 30.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Link A	600	7	150	7	* AG	1713	1.1	.0	28.0
B. Link B	150	7	0	7	* AG	1508	2.1	.0	28.0
C. Link C	0	7	-150	7	* AG	1916	2.1	.0	28.0
D. Link D	-150	7	-600	7	* AG	1916	1.1	.0	28.0
E. Link E	7	-600	7	-150	* AG	460	1.1	.0	28.0
F. Link F	7	-150	7	0	* AG	101	1.8	.0	28.0
G. Link G	7	0	7	150	* AG	618	2.1	.0	28.0
H. Link H	7	150	7	600	* AG	618	1.1	.0	28.0
I. Link I	-600	-7	-150	-7	* AG	459	1.1	.0	28.0
J. Link J	-150	-7	0	-7	* AG	459	2.0	.0	28.0
K. Link K	0	-7	150	-7	* AG	411	2.0	.0	28.0
L. Link L	150	-7	600	-7	* AG	609	1.1	.0	28.0
M. Link M	-7	600	-7	150	* AG	1610	1.1	.0	28.0
N. Link N	-7	150	-7	0	* AG	1610	2.1	.0	28.0
O. Link O	-7	0	-7	-150	* AG	1468	2.1	.0	28.0
P. Link P	-7	-150	-7	-600	* AG	1685	1.1	.0	28.0
Q. Link Q	150	6	0	0	* AG	207	2.0	.0	28.0
R. Link R	-150	-6	0	0	* AG	217	2.1	.0	28.0
S. Link S	-6	150	0	0	* AG	198	2.1	.0	28.0
T. Link T	6	-150	0	0	* AG	359	2.1	.0	28.0

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

JOB: CVBMP H and Woodlawn summer
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	450	14	1.8
2. Recpt 2	*	150	14	1.8
3. Recpt 3	*	50	14	1.8
4. Recpt 4	*	-50	14	1.8
5. Recpt 5	*	-150	14	1.8
6. Recpt 6	*	-450	14	1.8
7. Recpt 7	*	450	-14	1.8
8. Recpt 8	*	150	-14	1.8
9. Recpt 9	*	50	-14	1.8
10. Recpt 10	*	-50	-14	1.8
11. Recpt 11	*	-150	-14	1.8
12. Recpt 12	*	-450	-14	1.8
13. Recpt 13	*	-14	450	1.8
14. Recpt 14	*	-14	150	1.8
15. Recpt 15	*	-14	50	1.8
16. Recpt 16	*	-14	-50	1.8
17. Recpt 17	*	-14	-150	1.8
18. Recpt 18	*	-14	-450	1.8
19. Recpt 19	*	14	50	1.8
20. Recpt 20	*	14	-50	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 4

JOB: CVBMP H and Woodlawn summer
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. Recpt 12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0

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

JOB: CVBMP - J and Bay summer
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	450	14	1.8
2. Recpt 2	*	150	14	1.8
3. Recpt 3	*	50	14	1.8
4. Recpt 4	*	-50	14	1.8
5. Recpt 5	*	-150	14	1.8
6. Recpt 6	*	-450	14	1.8
7. Recpt 7	*	450	-14	1.8
8. Recpt 8	*	150	-14	1.8
9. Recpt 9	*	50	-14	1.8
10. Recpt 10	*	-50	-14	1.8
11. Recpt 11	*	-150	-14	1.8
12. Recpt 12	*	-450	-14	1.8
13. Recpt 13	*	-14	450	1.8
14. Recpt 14	*	-14	150	1.8
15. Recpt 15	*	-14	50	1.8
16. Recpt 16	*	-14	-50	1.8
17. Recpt 17	*	-14	-150	1.8
18. Recpt 18	*	-14	-450	1.8
19. Recpt 19	*	14	50	1.8
20. Recpt 20	*	14	-50	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 4

JOB: CVBMP - J and Bay summer
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. Recpt 12	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

Winter Calculations

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

JOB: CVBMP - Broadway and H Winter
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= 5.8 PPM
 SIGTH= 5. DEGREES TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Link A	600	7	150	7	AG	1524	.9	.0	28.0
B. Link B	150	7	0	7	AG	1126	1.8	.0	28.0
C. Link C	0	7	-150	7	AG	1916	1.8	.0	28.0
D. Link D	-150	7	-600	7	AG	1916	.9	.0	28.0
E. Link E	7	-600	7	-150	AG	1592	.9	.0	28.0
F. Link F	7	-150	7	0	AG	1274	.9	.0	28.0
G. Link G	7	0	7	150	AG	1072	1.1	.0	28.0
H. Link H	7	150	7	600	AG	1072	.9	.0	28.0
I. Link I	-600	-7	-150	-7	AG	1156	.9	.0	28.0
J. Link J	-150	-7	0	-7	AG	1156	1.1	.0	28.0
K. Link K	0	-7	150	-7	AG	1386	1.6	.0	28.0
L. Link L	150	-7	600	-7	AG	812	.9	.0	28.0
M. Link M	-7	600	-7	150	AG	1610	.9	.0	28.0
N. Link N	-7	150	-7	0	AG	1610	1.8	.0	28.0
O. Link O	-7	0	-7	-150	AG	1290	1.8	.0	28.0
P. Link P	-7	-150	-7	-600	AG	1664	.9	.0	28.0
Q. Link Q	150	6	0	0	AG	398	1.8	.0	28.0
R. Link R	-150	-6	0	0	AG	374	1.8	.0	28.0
S. Link S	-6	150	0	0	AG	289	1.7	.0	28.0
T. Link T	6	-150	0	0	AG	318	1.8	.0	28.0

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

JOB: CVBMP - Broadway and H Winter
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	450	14	1.8
2. Recpt 2	*	150	14	1.8
3. Recpt 3	*	50	14	1.8
4. Recpt 4	*	-50	14	1.8
5. Recpt 5	*	-150	14	1.8
6. Recpt 6	*	-450	14	1.8
7. Recpt 7	*	450	-14	1.8
8. Recpt 8	*	150	-14	1.8
9. Recpt 9	*	50	-14	1.8
10. Recpt 10	*	-50	-14	1.8
11. Recpt 11	*	-150	-14	1.8
12. Recpt 12	*	-450	-14	1.8
13. Recpt 13	*	-14	450	1.8
14. Recpt 14	*	-14	150	1.8
15. Recpt 15	*	-14	50	1.8
16. Recpt 16	*	-14	-50	1.8
17. Recpt 17	*	-14	-150	1.8
18. Recpt 18	*	-14	-450	1.8
19. Recpt 19	*	14	50	1.8
20. Recpt 20	*	14	-50	1.8

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 PAGE 4

JOB: CVBMP - Broadway and H Winter
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. Recpt 12	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

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

JOB: CVBMP - H and Woodlawn Winter
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= .0 CM/S
 CLAS= 7 (G) VS= .0 CM/S
 MIXH= 1000. M AMB= 5.8 PPM
 SIGTH= 5. DEGREES TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (M)				* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
		X1	Y1	X2	Y2						
A. Link A	*	600	7	150	7	* AG	1713	.9	.0	28.0	
B. Link B	*	150	7	0	7	* AG	1508	1.8	.0	28.0	
C. Link C	*	0	7	-150	7	* AG	1916	1.8	.0	28.0	
D. Link D	*	-150	7	-600	7	* AG	1916	.9	.0	28.0	
E. Link E	*	7	-600	7	-150	* AG	460	.9	.0	28.0	
F. Link F	*	7	-150	7	0	* AG	101	1.5	.0	28.0	
G. Link G	*	7	0	7	150	* AG	618	1.8	.0	28.0	
H. Link H	*	7	150	7	600	* AG	618	.9	.0	28.0	
I. Link I	*	-600	-7	-150	-7	* AG	459	.9	.0	28.0	
J. Link J	*	-150	-7	0	-7	* AG	459	1.7	.0	28.0	
K. Link K	*	0	-7	150	-7	* AG	411	1.7	.0	28.0	
L. Link L	*	150	-7	600	-7	* AG	609	.9	.0	28.0	
M. Link M	*	-7	600	-7	150	* AG	1610	.9	.0	28.0	
N. Link N	*	-7	150	-7	0	* AG	1610	1.8	.0	28.0	
O. Link O	*	-7	0	-7	-150	* AG	1468	1.8	.0	28.0	
P. Link P	*	-7	-150	-7	-600	* AG	1685	.9	.0	28.0	
Q. Link Q	*	150	6	0	0	* AG	207	1.8	.0	28.0	
R. Link R	*	-150	-6	0	0	* AG	217	1.8	.0	28.0	
S. Link S	*	-6	150	0	0	* AG	198	1.8	.0	28.0	
T. Link T	*	6	-150	0	0	* AG	359	1.8	.0	28.0	

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

JOB: CVBMP - H and Woodlawn Winter
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	450	14	1.8
2. Recpt 2	*	150	14	1.8
3. Recpt 3	*	50	14	1.8
4. Recpt 4	*	-50	14	1.8
5. Recpt 5	*	-150	14	1.8
6. Recpt 6	*	-450	14	1.8
7. Recpt 7	*	450	-14	1.8
8. Recpt 8	*	150	-14	1.8
9. Recpt 9	*	50	-14	1.8
10. Recpt 10	*	-50	-14	1.8
11. Recpt 11	*	-150	-14	1.8
12. Recpt 12	*	-450	-14	1.8
13. Recpt 13	*	-14	450	1.8
14. Recpt 14	*	-14	150	1.8
15. Recpt 15	*	-14	50	1.8
16. Recpt 16	*	-14	-50	1.8
17. Recpt 17	*	-14	-150	1.8
18. Recpt 18	*	-14	-450	1.8
19. Recpt 19	*	14	50	1.8
20. Recpt 20	*	14	-50	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 4

JOB: CVBMP - H and Woodlawn Winter
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. Recpt 12	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

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

JOB: CVBMP - J and Bay Winter
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. Recpt 1	*	450	14	1.8
2. Recpt 2	*	150	14	1.8
3. Recpt 3	*	50	14	1.8
4. Recpt 4	*	-50	14	1.8
5. Recpt 5	*	-150	14	1.8
6. Recpt 6	*	-450	14	1.8
7. Recpt 7	*	450	-14	1.8
8. Recpt 8	*	150	-14	1.8
9. Recpt 9	*	50	-14	1.8
10. Recpt 10	*	-50	-14	1.8
11. Recpt 11	*	-150	-14	1.8
12. Recpt 12	*	-450	-14	1.8
13. Recpt 13	*	-14	450	1.8
14. Recpt 14	*	-14	150	1.8
15. Recpt 15	*	-14	50	1.8
16. Recpt 16	*	-14	-50	1.8
17. Recpt 17	*	-14	-150	1.8
18. Recpt 18	*	-14	-450	1.8
19. Recpt 19	*	14	50	1.8
20. Recpt 20	*	14	-50	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 4

JOB: CVBMP - J and Bay Winter
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. Recpt 12	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0