D.5

CARBON MONOXIDE INTERSECTION MODELING

San Pedro Waterfront

Carbon Monoxide Intersection Modeling

2015 Input Data

```
  GAFFEY ST AND 1ST ST: 2015 AM
1Carbon Monoxide
100       28      0       0       8       20      0.3048  1       1       0       0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
47.5      40      6
62.5      -25     6
-47.5     -40     6
-62.5     25      6
60.5      53      6
75.5      -38     6
-60.5     -53     6
-75.5     38      6
NF
NA
ND
NE
SF
SA
SD
SE
WF
WA
WD
WE
EF
EA
ED
EE
NL
SL
WL
EL
1         22.5    -1500   22.5    -500    0       80      0       0       0
1         22.5    -500    22.5    0       0       45      0       0       0
1         15      0       15      500     0       45      0       0       0
1         15      500     15      1500    0       65      0       0       0
1         -22.5   1500    -22.5   500     0       80      0       0       0
1         -22.5   500     -22.5   0       0       45      0       0       0
1         -30     0       -30     -500    0       45      0       0       0
1         -30     -500    -30     -1500   0       65      0       0       0
1         1500    15      500     15      0       50      0       0       0
1         500     15      0       15      0       33      0       0       0
1         0       7.5     -500    7.5     0       33      0       0       0
1         -500    7.5     -1500   7.5     0       35      0       0       0
1         -1500   7.5     -500    7.5     0       65      0       0       0
1         -500    7.5     0       7.5     0       33      0       0       0
1         0       -15     500     -15     0       33      0       0       0
1         500     -15     1500    -15     0       50      0       0       0
1         0       0       0       -500    0       33      0       0       0
1         0       0       0       500     0       33      0       0       0
1         0       0       500     7.5     0       33      0       0       0
1         0       0       -500    7.5     0       33      0       0       0
31111
2297      2280    3739    3739    2105    1938    1705    1705    561     514     488     488     1216    87      247     247     17      167     47      1129
1.99      3.47    2.47    1.99    1.99    3.04    2.15    1.99    1.99    4.57    3.73    1.99    1.99    3.87    2.42    1.99    2.79    2.79    3.87    4.57
0 0.5 7 1000 10 0 12.0
    0.000000E+00       0.500000       7       1000.00       10.000000       0.000000       12.00000
```

```
  GAFFEY ST AND I-110 RAMPS: 2015 AM
1Carbon Monoxide
     100      28       0       0       8      12  0.3048       1       1       0       0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
    32.5    32.5       6
    62.5    12.5       6
   -62.5   -32.5       6
   -62.5    32.5       6
    45.5    45.5       6
    75.5    -0.5       6
   -75.5   -45.5       6
   -75.5    45.5       6
NF
NA
ND
NE
SF
SA
SD
SE
WF
WA
EE
WL
1       22.5    -1500   22.5    -500    0       80      0       0       0
1       22.5    -500    22.5    0       0       60      0       0       0
1       7.5     0       7.5     500     0       33      0       0       0
1       7.5     500     7.5     1500    0       50      0       0       0
1       -30     1500    -30     500     0       65      0       0       0
1       -30     500     -30     0       0       45      0       0       0
1       -30     0       -30     -500    0       45      0       0       0
1       -30     -500    -30     -1500   0       65      0       0       0
1       1500    0       500     0       0       65      0       0       0
1       500     0       0       0       0       33      0       0       0
1       500     -22.5   1500    -22.5   0       20      0       0       0
1       0       0       500     -15     0       45      0       0       0
31111
    4029    4029     730     730    1012    1012    2192    2192    1285     105    3404    1180
    1.99    4.03    2.12    1.99    1.99    2.86    2.19    1.99    1.99    4.38    1.99    4.57
0 0.5 7 1000 10 0 12.0
    0.000000E+00       0.500000       7       1000.00       10.000000       0.000000       12.00000
```

```
  HARBOR BL AND SWINFORD ST/47 RAMPS: 2015 AM
1Carbon Monoxide
     100      28       0       0       8      20  0.3048       1       1       0               0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
    32.5    47.5       6
    47.5   -47.5       6
   -32.5   -47.5       6
   -47.5    32.5       6
    45.5    60.5       6
    60.5   -60.5       6
   -45.5   -60.5       6
   -60.5    45.5       6
NF
NA
ND
NE
SF
SA
SD
SE
WF
WA
WD
WE
EF
EA
ED
EE
NL
SL
WL
EL
1       15      -1500   15      -500    0       65      0       0       0
1       15      -500    15      0       0       33      0       0       0
1       7.5     0       7.5     500     0       33      0       0       0
1       7.5     500     7.5     1500    0       50      0       0       0
1       -15     1500    -15     500     0       65      0       0       0
1       -15     500     -15     0       0       33      0       0       0
1       -22.5   0       -22.5   -500    0       33      0       0       0
1       -22.5   -500    -22.5   -1500   0       50      0       0       0
1       1500    22.5    500     22.5    0       50      0       0       0
1       500     22.5    0       22.5    0       33      0       0       0
1       0       7.5     -500    7.5     0       33      0       0       0
1       -500    7.5     -1500   7.5     0       50      0       0       0
1       -1500   -15     -500    -15     0       65      0       0       0
1       -500    -15     0       -15     0       33      0       0       0
1       0       -22.5   500     -22.5   0       33      0       0       0
1       500     -22.5   1500    -22.5   0       50      0       0       0
1       0       0       0       -500    0       33      0       0       0
1       0       0       0       500     0       33      0       0       0
1       0       0       500     15      0       33      0       0       0
1       0       0       -500    0       0       33      0       0       0
31111
    2320    1759    2078    2078     250     224    1894    1894     238     194     699     699    2160    1938     297     297     561      26      44     222
    1.99    4.57    3.87    1.99    1.99    3.35    3.47    1.99    1.99    3.47    2.28    1.99    1.99    4.57    2.28    1.99    3.73    3.35    3.47    3.47
0 0.5 7 1000 10 0 12.0
    0.000000E+00       0.500000       7       1000.00       10.000000       0.000000       12.00000
```

```
  GAFFEY ST AND 1ST ST: 2015 PM
1Carbon Monoxide
100     28      0       0       8       20      0.3048  1       1       0       0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
47.5    40      6
62.5    -25     6
-47.5   -40     6
-62.5   25      6
60.5    53      6
75.5    -38     6
-60.5   -53     6
-75.5   38      6
NF
NA
ND
NE
SF
SA
SD
SE
WF
WA
WD
WE
EF
EA
ED
EE
NL
SL
WL
EL
1       22.5    -1500   22.5    -500    0       80      0       0       0
1       22.5    -500    22.5    0       0       45      0       0       0
1       15      0       15      500     0       45      0       0       0
1       15      500     15      1500    0       65      0       0       0
1       -22.5   1500    -22.5   500     0       80      0       0       0
1       -22.5   500     -22.5   0       0       45      0       0       0
1       -30     0       -30     -500    0       45      0       0       0
1       -30     -500    -30     -1500   0       65      0       0       0
1       1500    15      500     15      0       50      0       0       0
1       500     15      0       15      0       33      0       0       0
1       0       7.5     -500    7.5     0       33      0       0       0
1       -500    7.5     -1500   7.5     0       35      0       0       0
1       -1500   7.5     -500    7.5     0       65      0       0       0
1       -500    7.5     0       7.5     0       33      0       0       0
1       0       -15     500     -15     0       33      0       0       0
1       500     -15     1500    -15     0       50      0       0       0
1       0       0       0       -500    0       33      0       0       0
1       0       0       0       500     0       33      0       0       0
1       0       0       500     7.5     0       33      0       0       0
1       0       0       -500    7.5     0       33      0       0       0
31111
    1713    1680    2686    2686    2522    2380    2057    2057     436     361     644     644    1004     184     288     288      33     142      75     820
    1.99    3.04    2.32    1.99    1.99    3.47    2.19    1.99    1.99    4.57    4.57    1.99    1.99    4.03    2.53    1.99    2.79    2.79    4.03    4.57
0 0.5 7 1000 10 0 12.0
    0.000000E+00       0.500000       7       1000.00       10.000000       0.000000       12.00000
```

```
  GAFFEY ST AND I-110 RAMPS: 2015 PM
1Carbon Monoxide
     100      28       0       0       8      12  0.3048       1       1       0               0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
    32.5    32.5       6
    62.5    12.5       6
   -62.5   -32.5       6
   -62.5    32.5       6
    45.5    45.5       6
    75.5    -0.5       6
   -75.5   -45.5       6
   -75.5    45.5       6
NF
NA
ND
NE
SF
SA
SD
SE
WF
WA
EE
WL
1       22.5    -1500   22.5    -500    0       80      0       0       0
1       22.5    -500    22.5    0       0       60      0       0       0
1       7.5     0       7.5     500     0       33      0       0       0
1       7.5     500     7.5     1500    0       50      0       0       0
1       -30     1500    -30     500     0       65      0       0       0
1       -30     500     -30     0       0       45      0       0       0
1       -30     0       -30     -500    0       45      0       0       0
1       -30     -500    -30     -1500   0       65      0       0       0
1       1500    0       500     0       0       65      0       0       0
1       500     0       0       0       0       33      0       0       0
1       500     -22.5   1500    -22.5   0       20      0       0       0
1       0       0       500     -15     0       45      0       0       0
31111
    3011    3011     816     816    1319    1319    2747    2747    1626     198    2393    1428
    1.99    3.47    2.12    1.99    1.99    2.86    2.32    1.99    1.99    4.03    1.99    4.57
0 0.5 7 1000 10 0 12.0
    0.000000E+00       0.500000       7       1000.00       10.000000       0.000000       12.00000
```

```
  HARBOR BL AND SWINFORD ST/47 RAMPS: 2015 PM
1Carbon Monoxide
     100      28       0       0       8      20  0.3048       1       1       0               0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
    32.5    47.5       6
    47.5   -47.5       6
   -32.5   -47.5       6
   -47.5    32.5       6
    45.5    60.5       6
    60.5   -60.5       6
   -45.5   -60.5       6
   -60.5    45.5       6
NF
NA
ND
NE
SF
SA
SD
SE
WF
WA
WD
WE
EF
EA
ED
EE
NL
SL
WL
EL
1       15      -1500   15      -500    0       65      0       0       0
1       15      -500    15      0       0       33      0       0       0
1       7.5     0       7.5     500     0       33      0       0       0
1       7.5     500     7.5     1500    0       50      0       0       0
1       -15     1500    -15     500     0       65      0       0       0
1       -15     500     -15     0       0       33      0       0       0
1       -22.5   0       -22.5   -500    0       33      0       0       0
1       -22.5   -500    -22.5   -1500   0       50      0       0       0
1       1500    22.5    500     22.5    0       50      0       0       0
1       500     22.5    0       22.5    0       33      0       0       0
1       0       7.5     -500    7.5     0       33      0       0       0
1       -500    7.5     -1500   7.5     0       50      0       0       0
1       -1500   -15     -500    -15     0       65      0       0       0
1       -500    -15     0       -15     0       33      0       0       0
1       0       -22.5   500     -22.5   0       33      0       0       0
1       500     -22.5   1500    -22.5   0       50      0       0       0
1       0       0       0       -500    0       33      0       0       0
1       0       0       0       500     0       33      0       0       0
1       0       0       500     15      0       33      0       0       0
1       0       0       -500    0       0       33      0       0       0
31111
    2030    1286    1515    1515     331     308    2234    2234     124      85     878     878    2287    2093     145     145     744      23      39     194
    1.99    3.87    3.13    1.99    1.99    3.35    4.19    1.99    1.99    3.35    2.28    1.99    1.99    4.57    2.23    1.99    4.38    3.35    3.35    3.35
0 0.5 7 1000 10 0 12.0
    0.000000E+00       0.500000       7       1000.00       10.000000       0.000000       12.00000
```

```
  GAFFEY ST AND 1ST ST: 2015 Weekend
1Carbon Monoxide
100       28      0       0       8       20      0.3048  1       1       0       0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
47.5      40      6
62.5      -25     6
-47.5     -40     6
-62.5     25      6
60.5      53      6
75.5      -38     6
-60.5     -53     6
-75.5     38      6
NF
NA
ND
NE
SF
SA
SD
SE
WF
WA
WD
WE
EF
EA
ED
EE
NL
SL
WL
EL
1         22.5    -1500   22.5    -500    0       80      0       0       0
1         22.5    -500    22.5    0       0       45      0       0       0
1         15      0       15      500     0       45      0       0       0
1         15      500     15      1500    0       65      0       0       0
1         -22.5   1500    -22.5   500     0       80      0       0       0
1         -22.5   500     -22.5   0       0       45      0       0       0
1         -30     0       -30     -500    0       45      0       0       0
1         -30     -500    -30     -1500   0       65      0       0       0
1         1500    15      500     15      0       50      0       0       0
1         500     15      0       15      0       33      0       0       0
1         0       7.5     -500    7.5     0       33      0       0       0
1         -500    7.5     -1500   7.5     0       35      0       0       0
1         -1500   7.5     -500    7.5     0       65      0       0       0
1         -500    7.5     0       7.5     0       33      0       0       0
1         0       -15     500     -15     0       33      0       0       0
1         500     -15     1500    -15     0       50      0       0       0
1         0       0       0       -500    0       33      0       0       0
1         0       0       0       500     0       33      0       0       0
1         0       0       500     7.5     0       33      0       0       0
1         0       0       -500    7.5     0       33      0       0       0
31111
1592      1549    2436    2436    2799    2528    2221    2221    483     429     684     684     918     256     451     451     43      271     54      662
1.99      2.95    2.28    1.99    1.99    3.47    2.19    1.99    1.99    4.57    4.57    1.99    1.99    4.19    2.53    1.99    2.79    2.86    4.19    4.57
0 1.0 4 1000 25 0 14.8
    0.000000E+00       1.000000       4       1000.00       25.000000       0.000000       14.80000
```

```
  GAFFEY ST AND 1ST ST: 2015 Weekend
1Carbon Monoxide
100       28      0       0       8       18      0.3048  1       1       0       0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
47.5      40      6
62.5      -25     6
-47.5     -40     6
-62.5     25      6
60.5      53      6
75.5      -38     6
-60.5     -53     6
-75.5     38      6
NF
NA
SF
SA
SD
SE
WF
WA
WD
WE
EF
EA
ED
EE
NL
SL
WL
EL
1         22.5    -1500   22.5    -500    0       80      0       0       0
1         22.5    -500    22.5    0       0       45      0       0       0
1         -22.5   1500    -22.5   500     0       80      0       0       0
1         -22.5   500     -22.5   0       0       45      0       0       0
1         -30     0       -30     -500    0       45      0       0       0
1         -30     -500    -30     -1500   0       65      0       0       0
1         1500    15      500     15      0       50      0       0       0
1         500     15      0       15      0       33      0       0       0
1         0       7.5     -500    7.5     0       33      0       0       0
1         -500    7.5     -1500   7.5     0       35      0       0       0
1         -1500   7.5     -500    7.5     0       65      0       0       0
1         -500    7.5     0       7.5     0       33      0       0       0
1         0       -15     500     -15     0       33      0       0       0
1         500     -15     1500    -15     0       50      0       0       0
1         0       0       0       -500    0       33      0       0       0
1         0       0       0       500     0       33      0       0       0
1         0       0       500     7.5     0       33      0       0       0
1         0       0       -500    7.5     0       33      0       0       0
31111
1592      1549    2799    2528    2221    2221    483     429     684     684     918     256     451     451     43      271     54      662
1.99      2.95   1.99    3.47    2.19    1.99    1.99    4.57    4.57    1.99    1.99    4.19    2.53    1.99    2.79    2.86    4.19    4.57
0 1.0 4 1000 25 0 14.8
    0.000000E+00       1.000000       4       1000.00       25.000000       0.000000       14.80000
```

```
  GAFFEY ST AND 1ST ST: 2015 Weekend
1Carbon Monoxide
100       28      0       0       8       2      0.3048  1       1       0       0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
47.5      40      6
62.5      -25     6
-47.5     -40     6
-62.5     25      6
60.5      53      6
75.5      -38     6
-60.5     -53     6
-75.5     38      6
ND
NE
1         15      0       15      500     0       45      0       0       0
1         15      500     15      1500    0       65      0       0       0
31111
2436    2436
2.28    1.99
0 1.0 4 1000 25 0 14.8
    0.000000E+00       1.000000       4       1000.00       25.000000       0.000000       14.80000
```

```
  GAFFEY ST AND I-110 RAMPS: 2015 Weekend
1Carbon Monoxide
     100      28       0       0       8      12  0.3048       1       1       0       0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
    32.5    32.5       6
    62.5    12.5       6
   -62.5   -32.5       6
   -62.5    32.5       6
    45.5    45.5       6
    75.5    -0.5       6
   -75.5   -45.5       6
   -75.5    45.5       6
NF
NA
ND
NE
SF
SA
SD
SE
WF
WA
EE
WL
1       22.5    -1500   22.5    -500    0       80      0       0       0
1       22.5    -500    22.5    0       0       60      0       0       0
1       7.5     0       7.5     500     0       33      0       0       0
1       7.5     500     7.5     1500    0       50      0       0       0
1       -30     1500    -30     500     0       65      0       0       0
1       -30     500     -30     0       0       45      0       0       0
1       -30     0       -30     -500    0       45      0       0       0
1       -30     -500    -30     -1500   0       65      0       0       0
1       1500    0       500     0       0       65      0       0       0
1       500     0       0       0       0       33      0       0       0
1       500     -22.5   1500    -22.5   0       20      0       0       0
1       0       0       500     -15     0       45      0       0       0
31111
    2776    2776     670     670    1119    1119    2877    2877    1875     117    2223    1758
    1.99    3.35    2.12    1.99    1.99    2.95    2.59    1.99    1.99    3.87    1.99    4.57
0 1.0 4 1000 25 0 14.8
    0.000000E+00       1.000000       4       1000.00       25.000000       0.000000       14.80000
```

```
  HARBOR BL AND SWINFORD ST/47 RAMPS: 2015 Weekend
1Carbon Monoxide
     100      28       0       0       8      20  0.3048       1       1       0               0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
    32.5    47.5       6
    47.5   -47.5       6
   -32.5   -47.5       6
   -47.5    32.5       6
    45.5    60.5       6
    60.5   -60.5       6
   -45.5   -60.5       6
   -60.5    45.5       6
NF
NA
ND
NE
SF
SA
SD
SE
WF
WA
WD
WE
EF
EA
ED
EE
NL
SL
WL
EL
1       15      -1500   15      -500    0       65      0       0       0
1       15      -500    15      0       0       33      0       0       0
1       7.5     0       7.5     500     0       33      0       0       0
1       7.5     500     7.5     1500    0       50      0       0       0
1       -15     1500    -15     500     0       65      0       0       0
1       -15     500     -15     0       0       33      0       0       0
1       -22.5   0       -22.5   -500    0       33      0       0       0
1       -22.5   -500    -22.5   -1500   0       50      0       0       0
1       1500    22.5    500     22.5    0       50      0       0       0
1       500     22.5    0       22.5    0       33      0       0       0
1       0       7.5     -500    7.5     0       33      0       0       0
1       -500    7.5     -1500   7.5     0       50      0       0       0
1       -1500   -15     -500    -15     0       65      0       0       0
1       -500    -15     0       -15     0       33      0       0       0
1       0       -22.5   500     -22.5   0       33      0       0       0
1       500     -22.5   1500    -22.5   0       50      0       0       0
1       0       0       0       -500    0       33      0       0       0
1       0       0       0       500     0       33      0       0       0
1       0       0       500     15      0       33      0       0       0
1       0       0       -500    0       0       33      0       0       0
31111
    2172    1436    1586    1586     312     268    2436    2436     261     214     835     835    2780    2661     668     668     736      44      47     119
    1.99    4.47    3.59    1.99    1.99    3.47    4.38    1.99    1.99    3.24    2.23    1.99    1.99    4.57    2.23    1.99    4.47    3.47    3.24    3.24
0 1.0 4 1000 25 0 14.8
    0.000000E+00       1.000000       4       1000.00       25.000000       0.000000       14.80000
```

San Pedro Waterfront

Carbon Monoxide Intersection Modeling

2015 Output Data

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2015 AM
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	2297	2.0	.0	80.0
B. NA	23	-500	23	0	AG	2280	3.5	.0	45.0
C. ND	15	0	15	500	AG	3739	2.5	.0	45.0
D. NE	15	500	15	1500	AG	3739	2.0	.0	65.0
E. SF	-23	1500	-23	500	AG	2105	2.0	.0	80.0
F. SA	-23	500	-23	0	AG	1938	3.0	.0	45.0
G. SD	-30	0	-30	-500	AG	1705	2.2	.0	45.0
H. SE	-30	-500	-30	-1500	AG	1705	2.0	.0	65.0
I. WF	1500	15	500	15	AG	561	2.0	.0	50.0
J. WA	500	15	0	15	AG	514	4.6	.0	33.0
K. WD	0	8	-500	8	AG	488	3.7	.0	33.0
L. WE	-500	8	-1500	8	AG	488	2.0	.0	35.0
M. EF	-1500	8	-500	8	AG	1216	2.0	.0	65.0
N. EA	-500	8	0	8	AG	87	3.9	.0	33.0
O. ED	0	-15	500	-15	AG	247	2.4	.0	33.0
P. EE	500	-15	1500	-15	AG	247	2.0	.0	50.0
Q. NL	0	0	0	-500	AG	17	2.8	.0	33.0
R. SL	0	0	0	500	AG	167	2.8	.0	33.0
S. WL	0	0	500	8	AG	47	3.9	.0	33.0
T. EL	0	0	-500	8	AG	1129	4.6	.0	33.0

JOB: GAFFEY ST AND 1ST ST: 2015 AM
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	48	40	6.0
2. SE3	63	-25	6.0
3. SW3	-48	-40	6.0
4. NW3	-63	25	6.0
5. NE7	61	53	6.0
6. SE7	76	-38	6.0
7. SW7	-61	-53	6.0
8. NW7	-76	38	6.0

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. NE3	259.	1.4	.0	.0	.5	.0	.0	.2	.0	.0
2. SE3	278.	1.4	.0	.4	.0	.0	.0	.0	.0	.0
3. SW3	8.	1.7	.0	.0	.3	.1	.0	.6	.2	.0
4. NW3	169.	1.2	.0	.2	.0	.0	.0	.0	.4	.0
5. NE7	259.	1.1	.0	.0	.4	.0	.0	.2	.0	.0
6. SE7	280.	1.1	.0	.3	.0	.0	.0	.0	.0	.0
7. SW7	11.	1.3	.0	.0	.3	.0	.0	.5	.0	.0
8. NW7	167.	1.0	.0	.2	.0	.0	.0	.0	.3	.0

JOB: GAFFEY ST AND 1ST ST: 2015 AM
RUN: (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. NE3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4
2. SE3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
4. NW3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3
5. NE7	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3
6. SE7	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4
7. SW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
8. NW7	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3

JOB: GAFFEY ST AND 1ST ST: 2015 AM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	2297	2.0	.0	80.0
B. NA	23	-500	23	0	AG	2280	3.5	.0	45.0
C. ND	15	0	15	500	AG	3739	2.5	.0	45.0
D. NE	15	500	15	1500	AG	3739	2.0	.0	65.0
E. SF	-23	1500	-23	500	AG	2105	2.0	.0	80.0
F. SA	-23	500	-23	0	AG	1938	3.0	.0	45.0
G. SD	-30	0	-30	-500	AG	1705	2.2	.0	45.0
H. SE	-30	-500	-30	-1500	AG	1705	2.0	.0	65.0
I. WF	1500	15	500	15	AG	561	2.0	.0	50.0
J. WA	500	15	0	15	AG	514	4.6	.0	33.0
K. WD	0	8	-500	8	AG	488	3.7	.0	33.0
L. WE	-500	8	-1500	8	AG	488	2.0	.0	35.0
M. EF	-1500	8	-500	8	AG	1216	2.0	.0	65.0
N. EA	-500	8	0	8	AG	87	3.9	.0	33.0
O. ED	0	-15	500	-15	AG	247	2.4	.0	33.0
P. EE	500	-15	1500	-15	AG	247	2.0	.0	50.0
Q. NL	0	0	0	-500	AG	17	2.8	.0	33.0
R. SL	0	0	0	500	AG	167	2.8	.0	33.0
S. WL	0	0	500	8	AG	47	3.9	.0	33.0
T. EL	0	0	-500	8	AG	1129	4.6	.0	33.0

JOB: GAFFEY ST AND 1ST ST: 2015 AM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	48	40	6.0
2. SE3	63	-25	6.0
3. SW3	-48	-40	6.0
4. NW3	-63	25	6.0
5. NE7	61	53	6.0
6. SE7	76	-38	6.0
7. SW7	-61	-53	6.0
8. NW7	-76	38	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.6	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0
2. SE3	.5	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1
3. SW3	1.2	.0	.0	.0	.1	.1	.4	.2	.0	.0	.0
4. NW3	.4	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0
5. NE7	.4	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0
6. SE7	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
7. SW7	.7	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0
8. NW7	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0

JOB: GAFFEY ST AND 1ST ST: 2015 AM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND I-110 RAMPS: 2015 AM
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	4029	2.0	.0	80.0
B. NA	23	-500	23	0	AG	4029	4.0	.0	60.0
C. ND	8	0	8	500	AG	730	2.1	.0	33.0
D. NE	8	500	8	1500	AG	730	2.0	.0	50.0
E. SF	-30	1500	-30	500	AG	1012	2.0	.0	65.0
F. SA	-30	500	-30	0	AG	1012	2.9	.0	45.0
G. SD	-30	0	-30	-500	AG	2192	2.2	.0	45.0
H. SE	-30	-500	-30	-1500	AG	2192	2.0	.0	65.0
I. WF	1500	0	500	0	AG	1285	2.0	.0	65.0
J. WA	500	0	0	0	AG	105	4.4	.0	33.0
K. EE	500	-23	1500	-23	AG	3404	2.0	.0	20.0
L. WL	0	0	500	-15	AG	1180	4.6	.0	45.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	33	6.0
2. SE3	63	13	6.0
3. SW3	-63	-33	6.0
4. NW3	-63	33	6.0
5. NE7	46	46	6.0
6. SE7	76	-1	6.0
7. SW7	-76	-46	6.0
8. NW7	-76	46	6.0

JOB: GAFFEY ST AND I-110 RAMPS: 2015 AM
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. NE3	183.	2.4	.2	1.7	.0	.0	.0	.0	.0	.1
2. SE3	191.	2.0	.0	1.3	.0	.0	.0	.0	.1	.0
3. SW3	85.	1.4	.0	.5	.0	.0	.0	.0	.3	.0
4. NW3	166.	1.1	.0	.6	.0	.0	.0	.0	.4	.0
5. NE7	185.	2.1	.2	1.5	.0	.0	.0	.0	.0	.1
6. SE7	196.	1.4	.0	1.0	.0	.0	.0	.0	.1	.0
7. SW7	84.	1.2	.0	.4	.0	.0	.0	.0	.2	.0
8. NW7	164.	.9	.0	.5	.0	.0	.0	.0	.3	.0

RECEPTOR	CONC/LINK (PPM) I	J	K	L
1. NE3	.0	.0	.0	.3
2. SE3	.0	.0	.0	.3
3. SW3	.0	.0	.0	.5
4. NW3	.0	.0	.0	.0
5. NE7	.0	.0	.0	.2
6. SE7	.0	.0	.0	.2
7. SW7	.0	.0	.0	.3
8. NW7	.0	.0	.0	.0

JOB: GAFFEY ST AND I-110 RAMPS: 2015 AM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	4029	2.0	.0	80.0
B. NA	23	-500	23	0	AG	4029	4.0	.0	60.0
C. ND	8	0	8	500	AG	730	2.1	.0	33.0
D. NE	8	500	8	1500	AG	730	2.0	.0	50.0
E. SF	-30	1500	-30	500	AG	1012	2.0	.0	65.0
F. SA	-30	500	-30	0	AG	1012	2.9	.0	45.0
G. SD	-30	0	-30	-500	AG	2192	2.2	.0	45.0
H. SE	-30	-500	-30	-1500	AG	2192	2.0	.0	65.0
I. WF	1500	0	500	0	AG	1285	2.0	.0	65.0
J. WA	500	0	0	0	AG	105	4.4	.0	33.0
K. EE	500	-23	1500	-23	AG	3404	2.0	.0	20.0
L. WL	0	0	500	-15	AG	1180	4.6	.0	45.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	33	6.0
2. SE3	63	13	6.0
3. SW3	-63	-33	6.0
4. NW3	-63	33	6.0
5. NE7	46	46	6.0
6. SE7	76	-1	6.0
7. SW7	-76	-46	6.0
8. NW7	-76	46	6.0

JOB: GAFFEY ST AND I-110 RAMPS: 2015 AM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
4. NW3	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
5. NE7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	CONC/LINK (PPM) K	L
1. NE3	.0	.0
2. SE3	.0	.0
3. SW3	.0	.0
4. NW3	.0	.0
5. NE7	.0	.0
6. SE7	.0	.2
7. SW7	.0	.0
8. NW7	.0	.0

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

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	*	15	-1500	15	-500	* AG	2320	2.0	.0	65.0
B. NA	*	15	-500	15	0	* AG	1759	4.6	.0	33.0
C. ND	*	8	0	8	500	* AG	2078	3.9	.0	33.0
D. NE	*	8	500	8	1500	* AG	2078	2.0	.0	50.0
E. SF	*	-15	1500	-15	500	* AG	250	2.0	.0	65.0
F. SA	*	-15	500	-15	0	* AG	224	3.3	.0	33.0
G. SD	*	-23	0	-23	-500	* AG	1894	3.5	.0	33.0
H. SE	*	-23	-500	-23	-1500	* AG	1894	2.0	.0	50.0
I. WF	*	1500	23	500	23	* AG	238	2.0	.0	50.0
J. WA	*	500	23	0	23	* AG	194	3.5	.0	33.0
K. WD	*	0	8	-500	8	* AG	699	2.3	.0	33.0
L. WE	*	-500	8	-1500	8	* AG	699	2.0	.0	50.0
M. EF	*	-1500	-15	-500	-15	* AG	2160	2.0	.0	65.0
N. EA	*	-500	-15	0	-15	* AG	1938	4.6	.0	33.0
O. ED	*	0	-23	500	-23	* AG	297	2.3	.0	33.0
P. EE	*	500	-23	1500	-23	* AG	297	2.0	.0	50.0
Q. NL	*	0	0	0	-500	* AG	561	3.7	.0	33.0
R. SL	*	0	0	0	500	* AG	26	3.3	.0	33.0
S. WL	*	0	0	500	15	* AG	44	3.5	.0	33.0
T. EL	*	0	0	-500	0	* AG	222	3.5	.0	33.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	48	6.0
2. SE3	48	-48	6.0
3. SW3	-33	-48	6.0
4. NW3	-48	33	6.0
5. NE7	46	61	6.0
6. SE7	61	-61	6.0
7. SW7	-46	-61	6.0
8. NW7	-61	46	6.0

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. NE3	188.	1.6	.0	.8	.0	.0	.0	.0	.3	.0
2. SE3	280.	1.7	.0	.4	.0	.0	.0	.0	.2	.0
3. SW3	173.	1.9	.1	.3	.0	.0	.0	.0	1.2	.0
4. NW3	170.	1.8	.0	.3	.0	.0	.0	.0	.7	.0
5. NE7	190.	1.3	.0	.7	.0	.0	.0	.0	.3	.0
6. SE7	281.	1.4	.0	.3	.0	.0	.0	.0	.2	.0
7. SW7	27.	1.4	.0	.0	.4	.0	.0	.0	.5	.0
8. NW7	167.	1.4	.0	.3	.0	.0	.0	.0	.5	.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

		CONC/LINK (PPM)											
RECEPTOR	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0
5. NE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
6. SE7	*	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0
7. SW7	*	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.0	.0	.0	.0	.3	.0	.0	.1	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	2320	2.0	.0	65.0
B. NA	15	-500	15	0	AG	1759	4.6	.0	33.0
C. ND	8	0	8	500	AG	2078	3.9	.0	33.0
D. NE	8	500	8	1500	AG	2078	2.0	.0	50.0
E. SF	-15	1500	-15	500	AG	250	2.0	.0	65.0
F. SA	-15	500	-15	0	AG	224	3.3	.0	33.0
G. SD	-23	0	-23	-500	AG	1894	3.5	.0	33.0
H. SE	-23	-500	-23	-1500	AG	1894	2.0	.0	50.0
I. WF	1500	23	500	23	AG	238	2.0	.0	50.0
J. WA	500	23	0	23	AG	194	3.5	.0	33.0
K. WD	0	8	-500	8	AG	699	2.3	.0	33.0
L. WE	-500	8	-1500	8	AG	699	2.0	.0	50.0
M. EF	-1500	-15	-500	-15	AG	2160	2.0	.0	65.0
N. EA	-500	-15	0	-15	AG	1938	4.6	.0	33.0
O. ED	0	-23	500	-23	AG	297	2.3	.0	33.0
P. EE	500	-23	1500	-23	AG	297	2.0	.0	50.0
Q. NL	0	0	0	-500	AG	561	3.7	.0	33.0
R. SL	0	0	0	500	AG	26	3.3	.0	33.0
S. WL	0	0	500	15	AG	44	3.5	.0	33.0
T. EL	0	0	-500	0	AG	222	3.5	.0	33.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	48	6.0
2. SE3	48	-48	6.0
3. SW3	-33	-48	6.0
4. NW3	-48	33	6.0
5. NE7	46	61	6.0
6. SE7	61	-61	6.0
7. SW7	-46	-61	6.0
8. NW7	-61	46	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.6	.0	.0	.4	.1	.0	.0	.0	.0	.0	.0
2. SE3	.4	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
3. SW3	1.5	.0	.0	.2	.0	.0	.0	.5	.0	.0	.0
4. NW3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.3	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0
6. SE7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2015 PM
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	1713	2.0	.0	80.0
B. NA	23	-500	23	0	AG	1680	3.0	.0	45.0
C. ND	15	0	15	500	AG	2686	2.3	.0	45.0
D. NE	15	500	15	1500	AG	2686	2.0	.0	65.0
E. SF	-23	1500	-23	500	AG	2522	2.0	.0	80.0
F. SA	-23	500	-23	0	AG	2380	3.5	.0	45.0
G. SD	-30	0	-30	-500	AG	2057	2.2	.0	45.0
H. SE	-30	-500	-30	-1500	AG	2057	2.0	.0	65.0
I. WF	1500	15	500	15	AG	436	2.0	.0	50.0
J. WA	500	15	0	15	AG	361	4.6	.0	33.0
K. WD	0	8	-500	8	AG	644	4.6	.0	33.0
L. WE	-500	8	-1500	8	AG	644	2.0	.0	35.0
M. EF	-1500	8	-500	8	AG	1004	2.0	.0	65.0
N. EA	-500	8	0	8	AG	184	4.0	.0	33.0
O. ED	0	-15	500	-15	AG	288	2.5	.0	33.0
P. EE	500	-15	1500	-15	AG	288	2.0	.0	50.0
Q. NL	0	0	0	-500	AG	33	2.8	.0	33.0
R. SL	0	0	0	500	AG	142	2.8	.0	33.0
S. WL	0	0	500	8	AG	75	4.0	.0	33.0
T. EL	0	0	-500	8	AG	820	4.6	.0	33.0

JOB: GAFFEY ST AND 1ST ST: 2015 PM
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	48	40	6.0
2. SE3	63	-25	6.0
3. SW3	-48	-40	6.0
4. NW3	-63	25	6.0
5. NE7	61	53	6.0
6. SE7	76	-38	6.0
7. SW7	-61	-53	6.0
8. NW7	-76	38	6.0

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. NE3	260.	1.4	.0	.0	.3	.0	.0	.3	.0	.0
2. SE3	278.	1.3	.0	.3	.0	.0	.0	.0	.1	.0
3. SW3	8.	1.9	.0	.0	.2	.1	.0	.8	.2	.0
4. NW3	107.	1.3	.0	.0	.1	.0	.0	.4	.0	.0
5. NE7	259.	1.1	.0	.0	.3	.0	.0	.3	.0	.0
6. SE7	281.	1.0	.0	.2	.0	.0	.0	.0	.1	.0
7. SW7	10.	1.4	.0	.0	.2	.0	.0	.6	.0	.0
8. NW7	168.	1.0	.0	.2	.0	.0	.0	.0	.3	.0

JOB: GAFFEY ST AND 1ST ST: 2015 PM
RUN: (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. NE3	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3
2. SE3	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4
3. SW3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
4. NW3	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2
5. NE7	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2
6. SE7	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3
7. SW7	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
8. NW7	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2

JOB: GAFFEY ST AND 1ST ST: 2015 PM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	1713	2.0	.0	80.0
B. NA	23	-500	23	0	AG	1680	3.0	.0	45.0
C. ND	15	0	15	500	AG	2686	2.3	.0	45.0
D. NE	15	500	15	1500	AG	2686	2.0	.0	65.0
E. SF	-23	1500	-23	500	AG	2522	2.0	.0	80.0
F. SA	-23	500	-23	0	AG	2380	3.5	.0	45.0
G. SD	-30	0	-30	-500	AG	2057	2.2	.0	45.0
H. SE	-30	-500	-30	-1500	AG	2057	2.0	.0	65.0
I. WF	1500	15	500	15	AG	436	2.0	.0	50.0
J. WA	500	15	0	15	AG	361	4.6	.0	33.0
K. WD	0	8	-500	8	AG	644	4.6	.0	33.0
L. WE	-500	8	-1500	8	AG	644	2.0	.0	35.0
M. EF	-1500	8	-500	8	AG	1004	2.0	.0	65.0
N. EA	-500	8	0	8	AG	184	4.0	.0	33.0
O. ED	0	-15	500	-15	AG	288	2.5	.0	33.0
P. EE	500	-15	1500	-15	AG	288	2.0	.0	50.0
Q. NL	0	0	0	-500	AG	33	2.8	.0	33.0
R. SL	0	0	0	500	AG	142	2.8	.0	33.0
S. WL	0	0	500	8	AG	75	4.0	.0	33.0
T. EL	0	0	-500	8	AG	820	4.6	.0	33.0

JOB: GAFFEY ST AND 1ST ST: 2015 PM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	48	40	6.0
2. SE3	63	-25	6.0
3. SW3	-48	-40	6.0
4. NW3	-63	25	6.0
5. NE7	61	53	6.0
6. SE7	76	-38	6.0
7. SW7	-61	-53	6.0
8. NW7	-76	38	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.5	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0
2. SE3	.5	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
3. SW3	1.4	.0	.0	.0	.0	.1	.5	.2	.0	.0	.0
4. NW3	.4	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0
5. NE7	.3	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
6. SE7	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
7. SW7	.8	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0
8. NW7	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0

JOB: GAFFEY ST AND 1ST ST: 2015 PM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: GAFFEY ST AND I-110 RAMPS: 2015 PM
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	3011	2.0	.0	80.0
B. NA	23	-500	23	0	AG	3011	3.5	.0	60.0
C. ND	8	0	8	500	AG	816	2.1	.0	33.0
D. NE	8	500	8	1500	AG	816	2.0	.0	50.0
E. SF	-30	1500	-30	500	AG	1319	2.0	.0	65.0
F. SA	-30	500	-30	0	AG	1319	2.9	.0	45.0
G. SD	-30	0	-30	-500	AG	2747	2.3	.0	45.0
H. SE	-30	-500	-30	-1500	AG	2747	2.0	.0	65.0
I. WF	1500	0	500	0	AG	1626	2.0	.0	65.0
J. WA	500	0	0	0	AG	198	4.0	.0	33.0
K. EE	500	-23	1500	-23	AG	2393	2.0	.0	20.0
L. WL	0	0	500	-15	AG	1428	4.6	.0	45.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	33	6.0
2. SE3	63	13	6.0
3. SW3	-63	-33	6.0
4. NW3	-63	33	6.0
5. NE7	46	46	6.0
6. SE7	76	-1	6.0
7. SW7	-76	-46	6.0
8. NW7	-76	46	6.0

JOB: GAFFEY ST AND I-110 RAMPS: 2015 PM
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. NE3	183.	1.9	.1	1.2	.0	.0	.0	.0	.1	.1
2. SE3	191.	1.6	.0	.9	.0	.0	.0	.0	.2	.1
3. SW3	85.	1.4	.0	.3	.0	.0	.0	.0	.3	.0
4. NW3	98.	1.1	.0	.0	.0	.0	.0	.2	.0	.0
5. NE7	186.	1.7	.1	1.0	.0	.0	.0	.0	.1	.1
6. SE7	193.	1.2	.0	.7	.0	.0	.0	.0	.1	.1
7. SW7	83.	1.2	.0	.3	.0	.0	.0	.0	.3	.0
8. NW7	100.	.9	.0	.0	.0	.0	.0	.2	.0	.0

RECEPTOR	CONC/LINK (PPM) I	J	K	L
1. NE3	.0	.0	.0	.4
2. SE3	.0	.0	.0	.4
3. SW3	.0	.0	.0	.5
4. NW3	.0	.0	.0	.6
5. NE7	.0	.0	.0	.3
6. SE7	.0	.0	.0	.2
7. SW7	.0	.0	.0	.4
8. NW7	.0	.0	.0	.5

JOB: GAFFEY ST AND I-110 RAMPS: 2015 PM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	3011	2.0	.0	80.0
B. NA	23	-500	23	0	AG	3011	3.5	.0	60.0
C. ND	8	0	8	500	AG	816	2.1	.0	33.0
D. NE	8	500	8	1500	AG	816	2.0	.0	50.0
E. SF	-30	1500	-30	500	AG	1319	2.0	.0	65.0
F. SA	-30	500	-30	0	AG	1319	2.9	.0	45.0
G. SD	-30	0	-30	-500	AG	2747	2.3	.0	45.0
H. SE	-30	-500	-30	-1500	AG	2747	2.0	.0	65.0
I. WF	1500	0	500	0	AG	1626	2.0	.0	65.0
J. WA	500	0	0	0	AG	198	4.0	.0	33.0
K. EE	500	-23	1500	-23	AG	2393	2.0	.0	20.0
L. WL	0	0	500	-15	AG	1428	4.6	.0	45.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	33	6.0
2. SE3	63	13	6.0
3. SW3	-63	-33	6.0
4. NW3	-63	33	6.0
5. NE7	46	46	6.0
6. SE7	76	-1	6.0
7. SW7	-76	-46	6.0
8. NW7	-76	46	6.0

JOB: GAFFEY ST AND I-110 RAMPS: 2015 PM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.3	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
4. NW3	.3	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
5. NE7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	CONC/LINK (PPM) K	L
1. NE3	.0	.0
2. SE3	.0	.0
3. SW3	.0	.0
4. NW3	.0	.0
5. NE7	.0	.0
6. SE7	.0	.2
7. SW7	.0	.0
8. NW7	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	2030	2.0	.0	65.0
B. NA	15	-500	15	0	AG	1286	3.9	.0	33.0
C. ND	8	0	8	500	AG	1515	3.1	.0	33.0
D. NE	8	500	8	1500	AG	1515	2.0	.0	50.0
E. SF	-15	1500	-15	500	AG	331	2.0	.0	65.0
F. SA	-15	500	-15	0	AG	308	3.3	.0	33.0
G. SD	-23	0	-23	-500	AG	2234	4.2	.0	33.0
H. SE	-23	-500	-23	-1500	AG	2234	2.0	.0	50.0
I. WF	1500	23	500	23	AG	124	2.0	.0	50.0
J. WA	500	23	0	23	AG	85	3.3	.0	33.0
K. WD	0	8	-500	8	AG	878	2.3	.0	33.0
L. WE	-500	8	-1500	8	AG	878	2.0	.0	50.0
M. EF	-1500	-15	-500	-15	AG	2287	2.0	.0	65.0
N. EA	-500	-15	0	-15	AG	2093	4.6	.0	33.0
O. ED	0	-23	500	-23	AG	145	2.2	.0	33.0
P. EE	500	-23	1500	-23	AG	145	2.0	.0	50.0
Q. NL	0	0	0	-500	AG	744	4.4	.0	33.0
R. SL	0	0	0	500	AG	23	3.3	.0	33.0
S. WL	0	0	500	15	AG	39	3.3	.0	33.0
T. EL	0	0	-500	0	AG	194	3.3	.0	33.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	48	6.0
2. SE3	48	-48	6.0
3. SW3	-33	-48	6.0
4. NW3	-48	33	6.0
5. NE7	46	61	6.0
6. SE7	61	-61	6.0
7. SW7	-46	-61	6.0
8. NW7	-61	46	6.0

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. NE3	189.	1.5	.0	.5	.0	.0	.0	.0	.4	.0
2. SE3	280.	1.7	.0	.3	.0	.0	.0	.0	.3	.0
3. SW3	174.	2.4	.1	.2	.0	.0	.0	.0	1.7	.0
4. NW3	170.	2.0	.0	.2	.0	.0	.0	.0	.9	.0
5. NE7	191.	1.2	.0	.4	.0	.0	.0	.0	.4	.0
6. SE7	281.	1.4	.0	.2	.0	.0	.0	.0	.3	.0
7. SW7	168.	1.6	.0	.2	.0	.0	.0	.0	1.1	.0
8. NW7	168.	1.6	.0	.2	.0	.0	.0	.0	.7	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

	*	CONC/LINK (PPM)											
RECEPTOR	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
2. SE3	*	.0	.0	.1	.0	.0	.8	.0	.0	.1	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
4. NW3	*	.0	.0	.1	.0	.0	.4	.0	.0	.2	.0	.0	.0
5. NE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
6. SE7	*	.0	.0	.1	.0	.0	.6	.0	.0	.1	.0	.0	.0
7. SW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
8. NW7	*	.0	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	2030	2.0	.0	65.0
B. NA	15	-500	15	0	AG	1286	3.9	.0	33.0
C. ND	8	0	8	500	AG	1515	3.1	.0	33.0
D. NE	8	500	8	1500	AG	1515	2.0	.0	50.0
E. SF	-15	1500	-15	500	AG	331	2.0	.0	65.0
F. SA	-15	500	-15	0	AG	308	3.3	.0	33.0
G. SD	-23	0	-23	-500	AG	2234	4.2	.0	33.0
H. SE	-23	-500	-23	-1500	AG	2234	2.0	.0	50.0
I. WF	1500	23	500	23	AG	124	2.0	.0	50.0
J. WA	500	23	0	23	AG	85	3.3	.0	33.0
K. WD	0	8	-500	8	AG	878	2.3	.0	33.0
L. WE	-500	8	-1500	8	AG	878	2.0	.0	50.0
M. EF	-1500	-15	-500	-15	AG	2287	2.0	.0	65.0
N. EA	-500	-15	0	-15	AG	2093	4.6	.0	33.0
O. ED	0	-23	500	-23	AG	145	2.2	.0	33.0
P. EE	500	-23	1500	-23	AG	145	2.0	.0	50.0
Q. NL	0	0	0	-500	AG	744	4.4	.0	33.0
R. SL	0	0	0	500	AG	23	3.3	.0	33.0
S. WL	0	0	500	15	AG	39	3.3	.0	33.0
T. EL	0	0	-500	0	AG	194	3.3	.0	33.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	48	6.0
2. SE3	48	-48	6.0
3. SW3	-33	-48	6.0
4. NW3	-48	33	6.0
5. NE7	46	61	6.0
6. SE7	61	-61	6.0
7. SW7	-46	-61	6.0
8. NW7	-61	46	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.4	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
2. SE3	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
3. SW3	1.7	.0	.0	.1	.0	.0	.1	.8	.0	.0	.0
4. NW3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
6. SE7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2015 Weekend
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	1592	2.0	.0	80.0
B. NA	23	-500	23	0	AG	1549	3.0	.0	45.0
C. SF	-23	1500	-23	500	AG	2799	2.0	.0	80.0
D. SA	-23	500	-23	0	AG	2528	3.5	.0	45.0
E. SD	-30	0	-30	-500	AG	2221	2.2	.0	45.0
F. SE	-30	-500	-30	-1500	AG	2221	2.0	.0	65.0
G. WF	1500	15	500	15	AG	483	2.0	.0	50.0
H. WA	500	15	0	15	AG	429	4.6	.0	33.0
I. WD	0	8	-500	8	AG	684	4.6	.0	33.0
J. WE	-500	8	-1500	8	AG	684	2.0	.0	35.0
K. EF	-1500	8	-500	8	AG	918	2.0	.0	65.0
L. EA	-500	8	0	8	AG	256	4.2	.0	33.0
M. ED	0	-15	500	-15	AG	451	2.5	.0	33.0
N. EE	500	-15	1500	-15	AG	451	2.0	.0	50.0
O. NL	0	0	0	-500	AG	43	2.8	.0	33.0
P. SL	0	0	0	500	AG	271	2.9	.0	33.0
Q. WL	0	0	500	8	AG	54	4.2	.0	33.0
R. EL	0	0	-500	8	AG	662	4.6	.0	33.0

JOB: GAFFEY ST AND 1ST ST: 2015 Weekend
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	48	40	6.0
2. SE3	63	-25	6.0
3. SW3	-48	-40	6.0
4. NW3	-63	25	6.0
5. NE7	61	53	6.0
6. SE7	76	-38	6.0
7. SW7	-61	-53	6.0
8. NW7	-76	38	6.0

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. NE3	255.	.5	.0	.0	.0	.1	.0	.0	.0	.0
2. SE3	281.	.5	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	11.	.7	.0	.0	.0	.3	.1	.0	.0	.0
4. NW3	135.	.7	.0	.0	.0	.0	.1	.0	.0	.0
5. NE7	252.	.4	.0	.0	.0	.1	.0	.0	.0	.0
6. SE7	286.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	17.	.5	.0	.0	.0	.2	.0	.0	.0	.0
8. NW7	135.	.5	.0	.0	.0	.1	.0	.0	.0	.0

JOB: GAFFEY ST AND 1ST ST: 2015 Weekend
RUN: (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
1. NE3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2015 Weekend
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	1592	2.0	.0	80.0
B. NA	23	-500	23	0	AG	1549	3.0	.0	45.0
C. SF	-23	1500	-23	500	AG	2799	2.0	.0	80.0
D. SA	-23	500	-23	0	AG	2528	3.5	.0	45.0
E. SD	-30	0	-30	-500	AG	2221	2.2	.0	45.0
F. SE	-30	-500	-30	-1500	AG	2221	2.0	.0	65.0
G. WF	1500	15	500	15	AG	483	2.0	.0	50.0
H. WA	500	15	0	15	AG	429	4.6	.0	33.0
I. WD	0	8	-500	8	AG	684	4.6	.0	33.0
J. WE	-500	8	-1500	8	AG	684	2.0	.0	35.0
K. EF	-1500	8	-500	8	AG	918	2.0	.0	65.0
L. EA	-500	8	0	8	AG	256	4.2	.0	33.0
M. ED	0	-15	500	-15	AG	451	2.5	.0	33.0
N. EE	500	-15	1500	-15	AG	451	2.0	.0	50.0
O. NL	0	0	0	-500	AG	43	2.8	.0	33.0
P. SL	0	0	0	500	AG	271	2.9	.0	33.0
Q. WL	0	0	500	8	AG	54	4.2	.0	33.0
R. EL	0	0	-500	8	AG	662	4.6	.0	33.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2015 Weekend
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	48	40	6.0
2. SE3	63	-25	6.0
3. SW3	-48	-40	6.0
4. NW3	-63	25	6.0
5. NE7	61	53	6.0
6. SE7	76	-38	6.0
7. SW7	-61	-53	6.0
8. NW7	-76	38	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.6	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0
4. NW3	.3	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
5. NE7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.4	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
8. NW7	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

JOB: GAFFEY ST AND 1ST ST: 2015 Weekend
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2015 Weekend
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. ND	15	0	15	500	AG	2436	2.3	.0	45.0
B. NE	15	500	15	1500	AG	2436	2.0	.0	65.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	48	40	6.0
2. SE3	63	-25	6.0
3. SW3	-48	-40	6.0
4. NW3	-63	25	6.0
5. NE7	61	53	6.0
6. SE7	76	-38	6.0
7. SW7	-61	-53	6.0
8. NW7	-76	38	6.0

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

JOB: GAFFEY ST AND 1ST ST: 2015 Weekend
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
1. NE3	343.	.3	.2	.0
2. SE3	341.	.2	.2	.0
3. SW3	19.	.2	.1	.0
4. NW3	28.	.1	.1	.0
5. NE7	341.	.2	.2	.0
6. SE7	341.	.2	.1	.0
7. SW7	19.	.1	.1	.0
8. NW7	29.	.1	.1	.0

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

JOB: GAFFEY ST AND I-110 RAMPS: 2015 Weeken
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (FT)
BRG= WORST CASE VD= .0 CM/S
CLAS= 4 (D) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 25. DEGREES TEMP= 14.8 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	2776	2.0	.0	80.0
B. NA	23	-500	23	0	AG	2776	3.3	.0	60.0
C. ND	8	0	8	500	AG	670	2.1	.0	33.0
D. NE	8	500	8	1500	AG	670	2.0	.0	50.0
E. SF	-30	1500	-30	500	AG	1119	2.0	.0	65.0
F. SA	-30	500	-30	0	AG	1119	3.0	.0	45.0
G. SD	-30	0	-30	-500	AG	2877	2.6	.0	45.0
H. SE	-30	-500	-30	-1500	AG	2877	2.0	.0	65.0
I. WF	1500	0	500	0	AG	1875	2.0	.0	65.0
J. WA	500	0	0	0	AG	117	3.9	.0	33.0
K. EE	500	-23	1500	-23	AG	2223	2.0	.0	20.0
L. WL	0	0	500	-15	AG	1758	4.6	.0	45.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	33	6.0
2. SE3	63	13	6.0
3. SW3	-63	-33	6.0
4. NW3	-63	33	6.0
5. NE7	46	46	6.0
6. SE7	76	-1	6.0
7. SW7	-76	-46	6.0
8. NW7	-76	46	6.0

JOB: GAFFEY ST AND I-110 RAMPS: 2015 Weeken
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. NE3	187.	.9	.0	.4	.0	.0	.0	.0	.1	.0
2. SE3	206.	.8	.0	.4	.0	.0	.0	.0	.1	.0
3. SW3	87.	.7	.0	.2	.0	.0	.0	.0	.2	.0
4. NW3	156.	.5	.0	.2	.0	.0	.0	.0	.2	.0
5. NE7	190.	.7	.0	.3	.0	.0	.0	.0	.1	.0
6. SE7	247.	.7	.0	.2	.0	.0	.0	.0	.1	.0
7. SW7	84.	.6	.0	.1	.0	.0	.0	.0	.2	.0
8. NW7	152.	.4	.0	.2	.0	.0	.0	.0	.2	.0

RECEPTOR	CONC/LINK (PPM) I	J	K	L
1. NE3	.0	.0	.0	.2
2. SE3	.0	.0	.0	.3
3. SW3	.0	.0	.0	.2
4. NW3	.0	.0	.0	.0
5. NE7	.0	.0	.0	.2
6. SE7	.0	.0	.0	.3
7. SW7	.0	.0	.0	.2
8. NW7	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND I-110 RAMPS: 2015 Weeken
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	*	23	-1500	23	-500	* AG	2776	2.0	.0	80.0
B. NA	*	23	-500	23	0	* AG	2776	3.3	.0	60.0
C. ND	*	8	0	8	500	* AG	670	2.1	.0	33.0
D. NE	*	8	500	8	1500	* AG	670	2.0	.0	50.0
E. SF	*	-30	1500	-30	500	* AG	1119	2.0	.0	65.0
F. SA	*	-30	500	-30	0	* AG	1119	3.0	.0	45.0
G. SD	*	-30	0	-30	-500	* AG	2877	2.6	.0	45.0
H. SE	*	-30	-500	-30	-1500	* AG	2877	2.0	.0	65.0
I. WF	*	1500	0	500	0	* AG	1875	2.0	.0	65.0
J. WA	*	500	0	0	0	* AG	117	3.9	.0	33.0
K. EE	*	500	-23	1500	-23	* AG	2223	2.0	.0	20.0
L. WL	*	0	0	500	-15	* AG	1758	4.6	.0	45.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT) X	Y	Z
1. NE3	*	33	33	6.0
2. SE3	*	63	13	6.0
3. SW3	*	-63	-33	6.0
4. NW3	*	-63	33	6.0
5. NE7	*	46	46	6.0
6. SE7	*	76	-1	6.0
7. SW7	*	-76	-46	6.0
8. NW7	*	-76	46	6.0

JOB: GAFFEY ST AND I-110 RAMPS: 2015 Weeken
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
4. NW3	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	CONC/LINK (PPM) K	L
1. NE3	.0	.0
2. SE3	.0	.0
3. SW3	.0	.0
4. NW3	.0	.0
5. NE7	.0	.0
6. SE7	.0	.1
7. SW7	.0	.0
8. NW7	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	2172	2.0	.0	65.0
B. NA	15	-500	15	0	AG	1436	4.5	.0	33.0
C. ND	8	0	8	500	AG	1586	3.6	.0	33.0
D. NE	8	500	8	1500	AG	1586	2.0	.0	50.0
E. SF	-15	1500	-15	500	AG	312	2.0	.0	65.0
F. SA	-15	500	-15	0	AG	268	3.5	.0	33.0
G. SD	-23	0	-23	-500	AG	2436	4.4	.0	33.0
H. SE	-23	-500	-23	-1500	AG	2436	2.0	.0	50.0
I. WF	1500	23	500	23	AG	261	2.0	.0	50.0
J. WA	500	23	0	23	AG	214	3.2	.0	33.0
K. WD	0	8	-500	8	AG	835	2.2	.0	33.0
L. WE	-500	8	-1500	8	AG	835	2.0	.0	50.0
M. EF	-1500	-15	-500	-15	AG	2780	2.0	.0	65.0
N. EA	-500	-15	0	-15	AG	2661	4.6	.0	33.0
O. ED	0	-23	500	-23	AG	668	2.2	.0	33.0
P. EE	500	-23	1500	-23	AG	668	2.0	.0	50.0
Q. NL	0	0	0	-500	AG	736	4.5	.0	33.0
R. SL	0	0	0	500	AG	44	3.5	.0	33.0
S. WL	0	0	500	15	AG	47	3.2	.0	33.0
T. EL	0	0	-500	0	AG	119	3.2	.0	33.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	48	6.0
2. SE3	48	-48	6.0
3. SW3	-33	-48	6.0
4. NW3	-48	33	6.0
5. NE7	46	61	6.0
6. SE7	61	-61	6.0
7. SW7	-46	-61	6.0
8. NW7	-61	46	6.0

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. NE3	202.	.8	.0	.2	.1	.0	.0	.0	.2	.0
2. SE3	281.	.9	.0	.2	.0	.0	.0	.0	.2	.0
3. SW3	20.	1.1	.0	.0	.2	.0	.0	.0	.5	.0
4. NW3	164.	1.0	.0	.1	.0	.0	.0	.0	.4	.0
5. NE7	209.	.6	.0	.1	.0	.0	.0	.0	.2	.0
6. SE7	286.	.7	.0	.2	.0	.0	.0	.0	.1	.0
7. SW7	40.	.9	.0	.0	.0	.0	.0	.0	.4	.0
8. NW7	162.	.8	.0	.1	.0	.0	.0	.0	.3	.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (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. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	2172	2.0	.0	65.0
B. NA	15	-500	15	0	AG	1436	4.5	.0	33.0
C. ND	8	0	8	500	AG	1586	3.6	.0	33.0
D. NE	8	500	8	1500	AG	1586	2.0	.0	50.0
E. SF	-15	1500	-15	500	AG	312	2.0	.0	65.0
F. SA	-15	500	-15	0	AG	268	3.5	.0	33.0
G. SD	-23	0	-23	-500	AG	2436	4.4	.0	33.0
H. SE	-23	-500	-23	-1500	AG	2436	2.0	.0	50.0
I. WF	1500	23	500	23	AG	261	2.0	.0	50.0
J. WA	500	23	0	23	AG	214	3.2	.0	33.0
K. WD	0	8	-500	8	AG	835	2.2	.0	33.0
L. WE	-500	8	-1500	8	AG	835	2.0	.0	50.0
M. EF	-1500	-15	-500	-15	AG	2780	2.0	.0	65.0
N. EA	-500	-15	0	-15	AG	2661	4.6	.0	33.0
O. ED	0	-23	500	-23	AG	668	2.2	.0	33.0
P. EE	500	-23	1500	-23	AG	668	2.0	.0	50.0
Q. NL	0	0	0	-500	AG	736	4.5	.0	33.0
R. SL	0	0	0	500	AG	44	3.5	.0	33.0
S. WL	0	0	500	15	AG	47	3.2	.0	33.0
T. EL	0	0	-500	0	AG	119	3.2	.0	33.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	48	6.0
2. SE3	48	-48	6.0
3. SW3	-33	-48	6.0
4. NW3	-48	33	6.0
5. NE7	46	61	6.0
6. SE7	61	-61	6.0
7. SW7	-46	-61	6.0
8. NW7	-61	46	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
2. SE3	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
3. SW3	1.0	.0	.0	.1	.0	.0	.0	.4	.0	.0	.0
4. NW3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
6. SE7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.6	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
8. NW7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

San Pedro Waterfront

Carbon Monoxide Intersection Modeling

2037 Input Data

```
  GAFFEY ST AND 1ST ST: 2037 AM
1Carbon Monoxide
100       28      0       0       8       20      0.3048  1       1       0       0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
47.5      40      6
62.5      -25     6
-47.5     -40     6
-62.5     25      6
60.5      53      6
75.5      -38     6
-60.5     -53     6
-75.5     38      6
NF
NA
ND
NE
SF
SA
SD
SE
WF
WA
WD
WE
EF
EA
ED
EE
NL
SL
WL
EL
1         22.5    -1500   22.5    -500    0       80      0       0       0
1         22.5    -500    22.5    0       0       45      0       0       0
1         15      0       15      500     0       45      0       0       0
1         15      500     15      1500    0       65      0       0       0
1         -22.5   1500    -22.5   500     0       80      0       0       0
1         -22.5   500     -22.5   0       0       45      0       0       0
1         -30     0       -30     -500    0       45      0       0       0
1         -30     -500    -30     -1500   0       65      0       0       0
1         1500    15      500     15      0       50      0       0       0
1         500     15      0       15      0       33      0       0       0
1         0       7.5     -500    7.5     0       33      0       0       0
1         -500    7.5     -1500   7.5     0       35      0       0       0
1         -1500   7.5     -500    7.5     0       65      0       0       0
1         -500    7.5     0       7.5     0       33      0       0       0
1         0       -15     500     -15     0       33      0       0       0
1         500     -15     1500    -15     0       50      0       0       0
1         0       0       0       -500    0       33      0       0       0
1         0       0       0       500     0       33      0       0       0
1         0       0       500     7.5     0       33      0       0       0
1         0       0       -500    7.5     0       33      0       0       0
31111
2595      2576    4262    4262    2392    2188    1924    1924    669     615     554     554     1378    97      294     294     19      204     54      1281
0.79      1.36    0.95    0.79    0.79    1.19    0.85    0.79    0.79    1.61    1.57    0.79    0.79    1.40    0.93    0.79    1.05    1.05    1.40    1.61
0 0.5 7 1000 10 0 12.0
    0.000000E+00       0.500000       7       1000.00       10.000000       0.000000       12.00000
```

```
  HABOR BL AND 7TH ST: 2037 AM (p2)
1Carbon Monoxide
100       28      0       0       8       4       0.3048  1       1       0       0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
25        32.5    6
55        -32.5   6
-40       -32.5   6
-55       17.5    6
38        45.5    6
68        -45.5   6
-53       -45.5   6
-68       30.5    6
SED
SEE
NWF
NWA
1         -7.5    0       7.5     -500    0       35      0       0       0
1         7.5     -500    715     -1207   0       33      0       0       0
1         715     -1207   7.5     -500    0       33      0       0       0
1         22.5    -500    7.5     0       0       35      0       0       0
31111
388       388     244     199
0.83      0.79    0.79    1.05
0 0.5 7 1000 10 0 12.0
    0.000000E+00       0.500000       7       1000.00       10.000000       0.000000       12.00000
```

```
  HARBOR BL AND SWINFORD ST/47 RAMPS: 2037 AM
1Carbon Monoxide
     100      28       0       0       8      20  0.3048       1       1       0       0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
    32.5    47.5       6
    47.5   -47.5       6
   -32.5   -47.5       6
   -47.5    32.5       6
    45.5    60.5       6
    60.5   -60.5       6
   -45.5   -60.5       6
   -60.5    45.5       6
NF
NA
ND
NE
SF
SA
SD
SE
WF
WA
WD
WE
EF
EA
ED
EE
NL
SL
WL
EL
1       15      -1500   15      -500    0       65      0       0       0
1       15      -500    15      0       0       33      0       0       0
1       7.5     0       7.5     500     0       33      0       0       0
1       7.5     500     7.5     1500    0       50      0       0       0
1       -15     1500    -15     500     0       65      0       0       0
1       -15     500     -15     0       0       33      0       0       0
1       -22.5   0       -22.5   -500    0       33      0       0       0
1       -22.5   -500    -22.5   -1500   0       50      0       0       0
1       1500    22.5    500     22.5    0       50      0       0       0
1       500     22.5    0       22.5    0       33      0       0       0
1       0       7.5     -500    7.5     0       33      0       0       0
1       -500    7.5     -1500   7.5     0       50      0       0       0
1       -1500   -15     -500    -15     0       65      0       0       0
1       -500    -15     0       -15     0       33      0       0       0
1       0       -22.5   500     -22.5   0       33      0       0       0
1       500     -22.5   1500    -22.5   0       50      0       0       0
1       0       0       0       -500    0       33      0       0       0
1       0       0       0       500     0       33      0       0       0
1       0       0       500     15      0       33      0       0       0
1       0       0       -500    0       0       33      0       0       0
31111
    2084    2067    2470    2470    1806    1681    1674    1674     351     251     271     271     507     213     333     333      17     125     100     294
    0.79    1.45    0.95    0.79    0.79    1.27    0.89    0.79    0.79    1.59    1.07    0.79    0.79    1.59    1.07    0.79    1.05    1.05    1.59    1.59
0 0.5 7 1000 10 0 12.0
    0.000000E+00       0.500000       7       1000.00       10.000000       0.000000       12.00000
```

```
  GAFFEY ST AND 1ST ST: 2037 PM
1Carbon Monoxide
100     28      0       0       8       20      0.3048  1       1       0       0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
47.5    40      6
62.5    -25     6
-47.5   -40     6
-62.5   25      6
60.5    53      6
75.5    -38     6
-60.5   -53     6
-75.5   38      6
NF
NA
ND
NE
SF
SA
SD
SE
WF
WA
WD
WE
EF
EA
ED
EE
NL
SL
WL
EL
1       22.5    -1500   22.5    -500    0       80      0       0       0
1       22.5    -500    22.5    0       0       45      0       0       0
1       15      0       15      500     0       45      0       0       0
1       15      500     15      1500    0       65      0       0       0
1       -22.5   1500    -22.5   500     0       80      0       0       0
1       -22.5   500     -22.5   0       0       45      0       0       0
1       -30     0       -30     -500    0       45      0       0       0
1       -30     -500    -30     -1500   0       65      0       0       0
1       1500    15      500     15      0       50      0       0       0
1       500     15      0       15      0       33      0       0       0
1       0       7.5     -500    7.5     0       33      0       0       0
1       -500    7.5     -1500   7.5     0       35      0       0       0
1       -1500   7.5     -500    7.5     0       65      0       0       0
1       -500    7.5     0       7.5     0       33      0       0       0
1       0       -15     500     -15     0       33      0       0       0
1       500     -15     1500    -15     0       50      0       0       0
1       0       0       0       -500    0       33      0       0       0
1       0       0       0       500     0       33      0       0       0
1       0       0       500     7.5     0       33      0       0       0
1       0       0       -500    7.5     0       33      0       0       0
31111
    1924    1887    3034    3034    2846    2678    2311    2311     499     414     729     729    1137     207     332     332      37     168      85     930
    0.79    1.13    0.95    0.79    0.79    1.36    0.89    0.79    0.79    1.61    1.61    0.79    0.79    1.45    0.95    0.79    1.05    1.05    1.45    1.61
0 0.5 7 1000 10 0 12.0
    0.000000E+00       0.500000       7       1000.00       10.000000       0.000000       12.00000
```

```
  HARBOR BL AND 7TH ST: 2037 PM
1Carbon Monoxide
     100      28       0       0       8      20  0.3048       1       1       0               0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
      25    32.5       6
      55   -32.5       6
     -40   -32.5       6
     -55    17.5       6
      38    45.5       6
      68   -45.5       6
     -53   -45.5       6
     -68    30.5       6
NF
NA
ND
NE
SF
SA
SD
SE
WF
WA
WD
WE
EF
EA
ED
EE
NL
SL
WL
EL
1       15      -1500   15      -500    0       80      0       0       0
1       15      -500    15      0       0       45      0       0       0
1       0       0       0       500     0       33      0       0       0
1       0       500     0       1500    0       50      0       0       0
1       -22.5   1500    -22.5   500     0       65      0       0       0
1       -22.5   500     -22.5   0       0       33      0       0       0
1       -30     0       -30     -500    0       33      0       0       0
1       -30     -500    -30     -1500   0       50      0       0       0
1       1500    15      500     15      0       35      0       0       0
1       500     15      0       15      0       33      0       0       0
1       0       0       -500    0       0       33      0       0       0
1       -500    0       -1500   0       0       35      0       0       0
1       -1500   -7.5    -500    -7.5    0       50      0       0       0
1       -500    -7.5    0       -7.5    0       33      0       0       0
1       0       -15     500     -15     0       33      0       0       0
1       500     -15     1500    -15     0       35      0       0       0
1       0       0       -7.5    -500    0       33      0       0       0
1       0       0       -7.5    500     0       33      0       0       0
1       0       0       500     15      0       33      0       0       0
1       0       0       -500    0       0       33      0       0       0
31111
     881     828    1584    1584    2101    1655    1364    1364      32      30     510     510     420     122      32      32      53      22       2     298
    0.79    1.07    0.89    0.79    0.79    1.27    0.86    0.79    0.79    1.61    1.61    0.79    0.79    1.61    1.27    0.79    1.05    1.05    1.61    1.61
0 0.5 7 1000 10 0 12.0
    0.000000E+00       0.500000       7       1000.00       10.000000       0.000000       12.00000
```

```
  HABOR BL AND 7TH ST: 2037 PM (p2)
1Carbon Monoxide
100     28      0       0       8       4       0.3048  1       1       0       0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
25      32.5    6
55      -32.5   6
-40     -32.5   6
-55     17.5    6
38      45.5    6
68      -45.5   6
-53     -45.5   6
-68     30.5    6
SED
SEE
NWF
NWA
1       -7.5    0       7.5     -500    0       35      0       0       0
1       7.5     -500    715     -1207   0       33      0       0       0
1       715     -1207   7.5     -500    0       33      0       0       0
1       7.5     -500    7.5     0       0       35      0       0       0
31111
     547     547     603     486
    0.85    0.79    0.79    1.10
0 0.5 7 1000 10 0 12.0
    0.000000E+00       0.500000       7       1000.00       10.000000       0.000000       12.00000
```

```
  HARBOR BL AND SWINFORD ST/47 RAMPS: 2037 PM
1Carbon Monoxide
     100      28       0       0       8      20  0.3048       1       1       0               0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
    32.5    47.5       6
    47.5   -47.5       6
   -32.5   -47.5       6
   -47.5    32.5       6
    45.5    60.5       6
    60.5   -60.5       6
   -45.5   -60.5       6
   -60.5    45.5       6
NF
NA
ND
NE
SF
SA
SD
SE
WF
WA
WD
WE
EF
EA
ED
EE
NL
SL
WL
EL
1       15      -1500   15      -500    0       65      0       0       0
1       15      -500    15      0       0       33      0       0       0
1       7.5     0       7.5     500     0       33      0       0       0
1       7.5     500     7.5     1500    0       50      0       0       0
1       -15     1500    -15     500     0       65      0       0       0
1       -15     500     -15     0       0       33      0       0       0
1       -22.5   0       -22.5   -500    0       33      0       0       0
1       -22.5   -500    -22.5   -1500   0       50      0       0       0
1       1500    22.5    500     22.5    0       50      0       0       0
1       500     22.5    0       22.5    0       33      0       0       0
1       0       7.5     -500    7.5     0       33      0       0       0
1       -500    7.5     -1500   7.5     0       50      0       0       0
1       -1500   -15     -500    -15     0       65      0       0       0
1       -500    -15     0       -15     0       33      0       0       0
1       0       -22.5   500     -22.5   0       33      0       0       0
1       500     -22.5   1500    -22.5   0       50      0       0       0
1       0       0       0       -500    0       33      0       0       0
1       0       0       0       500     0       33      0       0       0
1       0       0       500     15      0       33      0       0       0
1       0       0       -500    0       0       33      0       0       0
31111
    1695    1650    1887    1887    2133    2002    1992    1992     569     468     513     513     251     116     256     256      45     131     101     135
    0.79    1.27    0.90    0.79    0.79    1.45    0.95    0.79    0.79    1.59    1.40    0.79    0.79    1.59    1.07    0.79    1.05    1.05    1.59    1.59
0 0.5 7 1000 10 0 12.0
    0.000000E+00       0.500000       7       1000.00       10.000000       0.000000       12.00000
```

```
  GAFFEY ST AND 1ST ST: 2037 Weekend
1Carbon Monoxide
100       28      0       0       8       18      0.3048  1       1       0       0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
47.5      40      6
62.5      -25     6
-47.5     -40     6
-62.5     25      6
60.5      53      6
75.5      -38     6
-60.5     -53     6
-75.5     38      6
NF
NA
SF
SA
SD
SE
WF
WA
WD
WE
EF
EA
ED
EE
NL
SL
WL
EL
1         22.5    -1500   22.5    -500    0       80      0       0       0
1         22.5    -500    22.5    0       0       45      0       0       0
1         -22.5   1500    -22.5   500     0       80      0       0       0
1         -22.5   500     -22.5   0       0       45      0       0       0
1         -30     0       -30     -500    0       45      0       0       0
1         -30     -500    -30     -1500   0       65      0       0       0
1         1500    15      500     15      0       50      0       0       0
1         500     15      0       15      0       33      0       0       0
1         0       7.5     -500    7.5     0       33      0       0       0
1         -500    7.5     -1500   7.5     0       35      0       0       0
1         -1500   7.5     -500    7.5     0       65      0       0       0
1         -500    7.5     0       7.5     0       33      0       0       0
1         0       -15     500     -15     0       33      0       0       0
1         500     -15     1500    -15     0       50      0       0       0
1         0       0       0       -500    0       33      0       0       0
1         0       0       0       500     0       33      0       0       0
1         0       0       500     7.5     0       33      0       0       0
1         0       0       -500    7.5     0       33      0       0       0
31111
1787      1738    3196    2851    2502    2502    569     508     774     774     1040    289     549     549     49      345     61      751
0.79      1.13    0.79    1.45    0.89    0.79    0.79    1.61    1.61    0.79    0.79    1.51    1.13    0.79    1.05    1.07    1.51    1.61
0 1.0 4 1000 25 0 14.8
    0.000000E+00       1.000000       4      1000.00       25.000000       0.000000       14.80000
```

```
  GAFFEY ST AND 1ST ST: 2037 Weekend
1Carbon Monoxide
100       28      0       0       8       2      0.3048  1       1       0       0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
47.5      40      6
62.5      -25     6
-47.5     -40     6
-62.5     25      6
60.5      53      6
75.5      -38     6
-60.5     -53     6
-75.5     38      6
ND
NE
1         15      0       15      500     0       45      0       0       0
1         15      500     15      1500    0       65      0       0       0
31111
2767    2767
0.90    0.79
0 1.0 4 1000 25 0 14.8
    0.000000E+00       1.000000       4      1000.00       25.000000       0.000000       14.80000
```

```
  HARBOR BL AND 7TH ST: 2037 Weekend
1Carbon Monoxide
     100      28       0       0       8      20  0.3048       1       1       0               0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
      25    32.5       6
      55   -32.5       6
     -40   -32.5       6
     -55    17.5       6
      38    45.5       6
      68   -45.5       6
     -53   -45.5       6
     -68    30.5       6
NF
NA
ND
NE
SF
SA
SD
SE
WF
WA
WD
WE
EF
EA
ED
EE
NL
SL
WL
EL
1       15      -1500   15      -500    0       80      0       0       0
1       15      -500    15      0       0       45      0       0       0
1       0       0       0       500     0       33      0       0       0
1       0       500     0       1500    0       50      0       0       0
1       -22.5   1500    -22.5   500     0       65      0       0       0
1       -22.5   500     -22.5   0       0       33      0       0       0
1       -30     0       -30     -500    0       33      0       0       0
1       -30     -500    -30     -1500   0       50      0       0       0
1       1500    15      500     15      0       35      0       0       0
1       500     15      0       15      0       33      0       0       0
1       0       0       -500    0       0       33      0       0       0
1       -500    0       -1500   0       0       35      0       0       0
1       -1500   -7.5    -500    -7.5    0       50      0       0       0
1       -500    -7.5    0       -7.5    0       33      0       0       0
1       0       -15     500     -15     0       33      0       0       0
1       500     -15     1500    -15     0       35      0       0       0
1       0       0       -7.5    -500    0       33      0       0       0
1       0       0       -7.5    500     0       33      0       0       0
1       0       0       500     15      0       33      0       0       0
1       0       0       -500    0       0       33      0       0       0
31111
    1231    1173    2242    2242    2420    1533    1433    1433      64      61     503     503     641     392      77      77      58      44       3     249
    0.79    1.07    0.95    0.79    0.79    1.27    0.86    0.79    0.79    1.57    1.61    0.79    0.79    1.61    1.00    0.79    1.05    1.05    1.57    1.57
0 1.0 4 1000 25 0 14.8
    0.000000E+00       1.000000       4      1000.00       25.000000       0.000000       14.80000
```

```
  HARBOR BL AND 7TH ST: 2037 Weekend
1Carbon Monoxide
     100      28       0       0       8      18  0.3048       1       1       0               0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
      25    32.5       6
      55   -32.5       6
     -40   -32.5       6
     -55    17.5       6
      38    45.5       6
      68   -45.5       6
     -53   -45.5       6
     -68    30.5       6
ND
NE
SF
SA
SD
SE
WF
WA
WD
WE
EF
EA
ED
EE
NL
SL
WL
EL
1       0       0       0       500     0       33      0       0       0
1       0       500     0       1500    0       50      0       0       0
1       -22.5   1500    -22.5   500     0       65      0       0       0
1       -22.5   500     -22.5   0       0       33      0       0       0
1       -30     0       -30     -500    0       33      0       0       0
1       -30     -500    -30     -1500   0       50      0       0       0
1       1500    15      500     15      0       35      0       0       0
1       500     15      0       15      0       33      0       0       0
1       0       0       -500    0       0       33      0       0       0
1       -500    0       -1500   0       0       35      0       0       0
1       -1500   -7.5    -500    -7.5    0       50      0       0       0
1       -500    -7.5    0       -7.5    0       33      0       0       0
1       0       -15     500     -15     0       33      0       0       0
1       500     -15     1500    -15     0       35      0       0       0
1       0       0       -7.5    -500    0       33      0       0       0
1       0       0       -7.5    500     0       33      0       0       0
1       0       0       500     15      0       33      0       0       0
1       0       0       -500    0       0       33      0       0       0
31111
   2242    2242    2420    1533    1433    1433      64      61     503     503     641     392      77      77      58      44       3     249
    0.95    0.79    0.79    1.27    0.86    0.79    0.79    1.57    1.61    0.79    0.79    1.61    1.00    0.79    1.05    1.05    1.57    1.57
0 1.0 4 1000 25 0 14.8
    0.000000E+00       1.000000       4      1000.00       25.000000       0.000000       14.80000
```

```
  HARBOR BL AND 7TH ST: 2037 Weekend
1Carbon Monoxide
     100      28       0       0       8      2  0.3048       1       1       0               0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
      25    32.5       6
      55   -32.5       6
     -40   -32.5       6
     -55    17.5       6
      38    45.5       6
      68   -45.5       6
     -53   -45.5       6
     -68    30.5       6
NF
NA
1       15      -1500   15      -500    0       80      0       0       0
1       15      -500    15      0       0       45      0       0       0
31111
    1231    1173
    0.79    1.07
0 1.0 4 1000 25 0 14.8
    0.000000E+00       1.000000       4      1000.00       25.000000       0.000000       14.80000
```

```
  HABOR BL AND 7TH ST: 2037 Weekend (p2)
1Carbon Monoxide
     100      28       0       0       8       4  0.3048       1       1       0       0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
      25    32.5       6
      55   -32.5       6
     -40   -32.5       6
     -55    17.5       6
      38    45.5       6
      68   -45.5       6
     -53   -45.5       6
     -68    30.5       6
SED
SEE
NWF
NWA
       1    -7.5       0     7.5    -500       0      35       0       0       0
       1     7.5    -500     715   -1207       0      33       0       0       0
       1     715   -1207     7.5    -500       0      33       0       0       0
       1     7.5    -500     7.5       0       0      35       0       0       0
31111
    1312    1312    1211     931
    0.98    0.85    0.85    1.36
0 1.0 4 1000 25 0 14.8
    0.000000E+00       1.000000       4       1000.00       25.000000       0.000000       14.80000
```

```
  HARBOR BL AND SWINFORD ST/47 RAMPS: 2037 Weekend
1Carbon Monoxide
     100      28       0       0       8      20  0.3048       1       1       0       0
NE3
SE3
SW3
NW3
NE7
SE7
SW7
NW7
    32.5    47.5       6
    47.5   -47.5       6
   -32.5   -47.5       6
   -47.5    32.5       6
    45.5    60.5       6
    60.5   -60.5       6
   -45.5   -60.5       6
   -60.5    45.5       6
NF
NA
ND
NE
SF
SA
SD
SE
WF
WA
WD
WE
EF
EA
ED
EE
NL
SL
WL
EL
1       15      -1500   15      -500    0       65      0       0       0
1       15      -500    15      0       0       33      0       0       0
1       7.5     0       7.5     500     0       33      0       0       0
1       7.5     500     7.5     1500    0       50      0       0       0
1       -15     1500    -15     500     0       65      0       0       0
1       -15     500     -15     0       0       33      0       0       0
1       -22.5   0       -22.5   -500    0       33      0       0       0
1       -22.5   -500    -22.5   -1500   0       50      0       0       0
1       1500    22.5    500     22.5    0       50      0       0       0
1       500     22.5    0       22.5    0       33      0       0       0
1       0       7.5     -500    7.5     0       33      0       0       0
1       -500    7.5     -1500   7.5     0       50      0       0       0
1       -1500   -15     -500    -15     0       65      0       0       0
1       -500    -15     0       -15     0       33      0       0       0
1       0       -22.5   500     -22.5   0       33      0       0       0
1       500     -22.5   1500    -22.5   0       50      0       0       0
1       0       0       0       -500    0       33      0       0       0
1       0       0       0       500     0       33      0       0       0
1       0       0       500     15      0       33      0       0       0
1       0       0       -500    0       0       33      0       0       0
31111
    2470    1663    1850    1850     359     301    2839    2839     346     286     934     934    3356    3221     908     908     807      58      60     135
    0.79    1.61    1.57    0.79    0.79    1.31    1.59    0.79    0.79    1.16    0.89    0.79    0.79    1.61    0.89    0.79    1.61    1.31    1.16    1.16
0 1.0 4 1000 25 0 14.8
    0.000000E+00       1.000000       4      1000.00       25.000000       0.000000       14.80000
```

San Pedro Waterfront

Carbon Monoxide Intersection Modeling

2037 Output Data

JOB: GAFFEY ST AND 1ST ST: 2037 AM
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	2595	.8	.0	80.0
B. NA	23	-500	23	0	AG	2576	1.4	.0	45.0
C. ND	15	0	15	500	AG	4262	.9	.0	45.0
D. NE	15	500	15	1500	AG	4262	.8	.0	65.0
E. SF	-23	1500	-23	500	AG	2392	.8	.0	80.0
F. SA	-23	500	-23	0	AG	2188	1.2	.0	45.0
G. SD	-30	0	-30	-500	AG	1924	.9	.0	45.0
H. SE	-30	-500	-30	-1500	AG	1924	.8	.0	65.0
I. WF	1500	15	500	15	AG	669	.8	.0	50.0
J. WA	500	15	0	15	AG	615	1.6	.0	33.0
K. WD	0	8	-500	8	AG	554	1.6	.0	33.0
L. WE	-500	8	-1500	8	AG	554	.8	.0	35.0
M. EF	-1500	8	-500	8	AG	1378	.8	.0	65.0
N. EA	-500	8	0	8	AG	97	1.4	.0	33.0
O. ED	0	-15	500	-15	AG	294	.9	.0	33.0
P. EE	500	-15	1500	-15	AG	294	.8	.0	50.0
Q. NL	0	0	0	-500	AG	19	1.0	.0	33.0
R. SL	0	0	0	500	AG	204	1.0	.0	33.0
S. WL	0	0	500	8	AG	54	1.4	.0	33.0
T. EL	0	0	-500	8	AG	1281	1.6	.0	33.0

JOB: GAFFEY ST AND 1ST ST: 2037 AM
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	48	40	6.0
2. SE3	63	-25	6.0
3. SW3	-48	-40	6.0
4. NW3	-63	25	6.0
5. NE7	61	53	6.0
6. SE7	76	-38	6.0
7. SW7	-61	-53	6.0
8. NW7	-76	38	6.0

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. NE3	260.	.6	.0	.0	.2	.0	.0	.0	.0	.0
2. SE3	278.	.6	.0	.2	.0	.0	.0	.0	.0	.0
3. SW3	8.	.7	.0	.0	.1	.0	.0	.3	.0	.0
4. NW3	101.	.5	.0	.0	.1	.0	.0	.1	.0	.0
5. NE7	259.	.5	.0	.0	.2	.0	.0	.0	.0	.0
6. SE7	281.	.5	.0	.1	.0	.0	.0	.0	.0	.0
7. SW7	12.	.6	.0	.0	.1	.0	.0	.2	.0	.0
8. NW7	167.	.4	.0	.1	.0	.0	.0	.0	.1	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2037 AM
RUN: (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. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. SE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
7. SW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2037 AM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	2595	.8	.0	80.0
B. NA	23	-500	23	0	AG	2576	1.4	.0	45.0
C. ND	15	0	15	500	AG	4262	.9	.0	45.0
D. NE	15	500	15	1500	AG	4262	.8	.0	65.0
E. SF	-23	1500	-23	500	AG	2392	.8	.0	80.0
F. SA	-23	500	-23	0	AG	2188	1.2	.0	45.0
G. SD	-30	0	-30	-500	AG	1924	.9	.0	45.0
H. SE	-30	-500	-30	-1500	AG	1924	.8	.0	65.0
I. WF	1500	15	500	15	AG	669	.8	.0	50.0
J. WA	500	15	0	15	AG	615	1.6	.0	33.0
K. WD	0	8	-500	8	AG	554	1.6	.0	33.0
L. WE	-500	8	-1500	8	AG	554	.8	.0	35.0
M. EF	-1500	8	-500	8	AG	1378	.8	.0	65.0
N. EA	-500	8	0	8	AG	97	1.4	.0	33.0
O. ED	0	-15	500	-15	AG	294	.9	.0	33.0
P. EE	500	-15	1500	-15	AG	294	.8	.0	50.0
Q. NL	0	0	0	-500	AG	19	1.0	.0	33.0
R. SL	0	0	0	500	AG	204	1.0	.0	33.0
S. WL	0	0	500	8	AG	54	1.4	.0	33.0
T. EL	0	0	-500	8	AG	1281	1.6	.0	33.0

JOB: GAFFEY ST AND 1ST ST: 2037 AM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	48	40	6.0
2. SE3	63	-25	6.0
3. SW3	-48	-40	6.0
4. NW3	-63	25	6.0
5. NE7	61	53	6.0
6. SE7	76	-38	6.0
7. SW7	-61	-53	6.0
8. NW7	-76	38	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.5	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
4. NW3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: GAFFEY ST AND 1ST ST: 2037 AM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND 7TH ST: 2037 AM
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	1514	.8	.0	80.0
B. NA	15	-500	15	0	AG	1462	1.1	.0	45.0
C. ND	0	0	0	500	AG	1454	.9	.0	33.0
D. NE	0	500	0	1500	AG	1454	.8	.0	50.0
E. SF	-23	1500	-23	500	AG	1331	.8	.0	65.0
F. SA	-23	500	-23	0	AG	994	1.1	.0	33.0
G. SD	-30	0	-30	-500	AG	781	.8	.0	33.0
H. SE	-30	-500	-30	-1500	AG	781	.8	.0	50.0
I. WF	1500	15	500	15	AG	14	.8	.0	35.0
J. WA	500	15	0	15	AG	3	1.6	.0	33.0
K. WD	0	0	-500	0	AG	328	1.6	.0	33.0
L. WE	-500	0	-1500	0	AG	328	.8	.0	35.0
M. EF	-1500	-8	-500	-8	AG	371	.8	.0	50.0
N. EA	-500	-8	0	-8	AG	65	1.6	.0	33.0
O. ED	0	-15	500	-15	AG	23	1.5	.0	33.0
P. EE	500	-15	1500	-15	AG	23	.8	.0	35.0
Q. NL	0	0	-8	-500	AG	52	1.0	.0	33.0
R. SL	0	0	-8	500	AG	17	1.0	.0	33.0
S. WL	0	0	500	15	AG	1	1.6	.0	33.0
T. EL	0	0	-500	0	AG	306	1.6	.0	33.0

JOB: HARBOR BL AND 7TH ST: 2037 AM
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

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. NE3	183.	.3	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	278.	.2	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	6.	.4	.0	.0	.0	.0	.0	.1	.0	.0
4. NW3	171.	.3	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	186.	.2	.0	.2	.0	.0	.0	.0	.0	.0
6. SE7	280.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	9.	.3	.0	.0	.0	.0	.0	.1	.0	.0
8. NW7	169.	.2	.0	.0	.0	.0	.0	.0	.0	.0

JOB: HARBOR BL AND 7TH ST: 2037 AM
RUN: (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. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND 7TH ST: 2037 AM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	1514	.8	.0	80.0
B. NA	15	-500	15	0	AG	1462	1.1	.0	45.0
C. ND	0	0	0	500	AG	1454	.9	.0	33.0
D. NE	0	500	0	1500	AG	1454	.8	.0	50.0
E. SF	-23	1500	-23	500	AG	1331	.8	.0	65.0
F. SA	-23	500	-23	0	AG	994	1.1	.0	33.0
G. SD	-30	0	-30	-500	AG	781	.8	.0	33.0
H. SE	-30	-500	-30	-1500	AG	781	.8	.0	50.0
I. WF	1500	15	500	15	AG	14	.8	.0	35.0
J. WA	500	15	0	15	AG	3	1.6	.0	33.0
K. WD	0	0	-500	0	AG	328	1.6	.0	33.0
L. WE	-500	0	-1500	0	AG	328	.8	.0	35.0
M. EF	-1500	-8	-500	-8	AG	371	.8	.0	50.0
N. EA	-500	-8	0	-8	AG	65	1.6	.0	33.0
O. ED	0	-15	500	-15	AG	23	1.5	.0	33.0
P. EE	500	-15	1500	-15	AG	23	.8	.0	35.0
Q. NL	0	0	-8	-500	AG	52	1.0	.0	33.0
R. SL	0	0	-8	500	AG	17	1.0	.0	33.0
S. WL	0	0	500	15	AG	1	1.6	.0	33.0
T. EL	0	0	-500	0	AG	306	1.6	.0	33.0

JOB: HARBOR BL AND 7TH ST: 2037 AM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
4. NW3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: HARBOR BL AND 7TH ST: 2037 AM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HABOR BL AND 7TH ST: 2037 AM (p2)
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. SED	-8	0	8	-500	AG	388	.8	.0	35.0
B. SEE	8	-500	715	-1207	AG	388	.8	.0	33.0
C. NWF	715	-1207	8	-500	AG	244	.8	.0	33.0
D. NWA	23	-500	8	0	AG	199	1.0	.0	35.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

JOB: HABOR BL AND 7TH ST: 2037 AM (p2)
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
1. NE3	186.	.0	.0	.0	.0	.0
2. SE3	192.	.0	.0	.0	.0	.0
3. SW3	163.	.0	.0	.0	.0	.0
4. NW3	162.	.0	.0	.0	.0	.0
5. NE7	189.	.0	.0	.0	.0	.0
6. SE7	195.	.0	.0	.0	.0	.0
7. SW7	160.	.0	.0	.0	.0	.0
8. NW7	161.	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HABOR BL AND 7TH ST: 2037 AM (p2)
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. SED	-8	0	8	-500	AG	388	.8	.0	35.0
B. SEE	8	-500	715	-1207	AG	388	.8	.0	33.0
C. NWF	715	-1207	8	-500	AG	244	.8	.0	33.0
D. NWA	23	-500	8	0	AG	199	1.0	.0	35.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

JOB: HABOR BL AND 7TH ST: 2037 AM (p2)
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D
1. NE3	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HABOR BL AND 7TH ST: 2037 AM (p2)
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. SED	-8	0	8	-500	AG	388	.8	.0	35.0
B. SEE	8	-500	715	-1207	AG	388	.8	.0	33.0
C. NWF	715	-1207	8	-500	AG	244	.8	.0	33.0
D. NWA	23	-500	8	0	AG	199	1.0	.0	35.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

JOB: HABOR BL AND 7TH ST: 2037 AM (p2)
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
1. NE3	186.	.0	.0	.0	.0	.0
2. SE3	192.	.0	.0	.0	.0	.0
3. SW3	163.	.0	.0	.0	.0	.0
4. NW3	162.	.0	.0	.0	.0	.0
5. NE7	189.	.0	.0	.0	.0	.0
6. SE7	195.	.0	.0	.0	.0	.0
7. SW7	160.	.0	.0	.0	.0	.0
8. NW7	161.	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HABOR BL AND 7TH ST: 2037 AM (p2)
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. SED	-8	0	8	-500	AG	388	.8	.0	35.0
B. SEE	8	-500	715	-1207	AG	388	.8	.0	33.0
C. NWF	715	-1207	8	-500	AG	244	.8	.0	33.0
D. NWA	23	-500	8	0	AG	199	1.0	.0	35.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

JOB: HABOR BL AND 7TH ST: 2037 AM (p2)
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D
1. NE3	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	2084	.8	.0	65.0
B. NA	15	-500	15	0	AG	2067	1.5	.0	33.0
C. ND	8	0	8	500	AG	2470	.9	.0	33.0
D. NE	8	500	8	1500	AG	2470	.8	.0	50.0
E. SF	-15	1500	-15	500	AG	1806	.8	.0	65.0
F. SA	-15	500	-15	0	AG	1681	1.3	.0	33.0
G. SD	-23	0	-23	-500	AG	1674	.9	.0	33.0
H. SE	-23	-500	-23	-1500	AG	1674	.8	.0	50.0
I. WF	1500	23	500	23	AG	351	.8	.0	50.0
J. WA	500	23	0	23	AG	251	1.6	.0	33.0
K. WD	0	8	-500	8	AG	271	1.1	.0	33.0
L. WE	-500	8	-1500	8	AG	271	.8	.0	50.0
M. EF	-1500	-15	-500	-15	AG	507	.8	.0	65.0
N. EA	-500	-15	0	-15	AG	213	1.6	.0	33.0
O. ED	0	-23	500	-23	AG	333	1.1	.0	33.0
P. EE	500	-23	1500	-23	AG	333	.8	.0	50.0
Q. NL	0	0	0	-500	AG	17	1.0	.0	33.0
R. SL	0	0	0	500	AG	125	1.0	.0	33.0
S. WL	0	0	500	15	AG	100	1.6	.0	33.0
T. EL	0	0	-500	0	AG	294	1.6	.0	33.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	48	6.0
2. SE3	48	-48	6.0
3. SW3	-33	-48	6.0
4. NW3	-48	33	6.0
5. NE7	46	61	6.0
6. SE7	61	-61	6.0
7. SW7	-46	-61	6.0
8. NW7	-61	46	6.0

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. NE3	187.	.5	.0	.3	.0	.0	.0	.0	.0	.0
2. SE3	348.	.4	.0	.0	.2	.0	.0	.1	.0	.0
3. SW3	7.	.6	.0	.0	.1	.0	.0	.2	.1	.0
4. NW3	170.	.4	.0	.1	.0	.0	.0	.0	.2	.0
5. NE7	189.	.4	.0	.2	.0	.0	.0	.0	.0	.0
6. SE7	348.	.3	.0	.0	.1	.0	.0	.0	.0	.0
7. SW7	10.	.4	.0	.0	.1	.0	.0	.2	.0	.0
8. NW7	168.	.3	.0	.1	.0	.0	.0	.0	.1	.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

	*	CONC/LINK (PPM)											
RECEPTOR	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	2084	.8	.0	65.0
B. NA	15	-500	15	0	AG	2067	1.5	.0	33.0
C. ND	8	0	8	500	AG	2470	.9	.0	33.0
D. NE	8	500	8	1500	AG	2470	.8	.0	50.0
E. SF	-15	1500	-15	500	AG	1806	.8	.0	65.0
F. SA	-15	500	-15	0	AG	1681	1.3	.0	33.0
G. SD	-23	0	-23	-500	AG	1674	.9	.0	33.0
H. SE	-23	-500	-23	-1500	AG	1674	.8	.0	50.0
I. WF	1500	23	500	23	AG	351	.8	.0	50.0
J. WA	500	23	0	23	AG	251	1.6	.0	33.0
K. WD	0	8	-500	8	AG	271	1.1	.0	33.0
L. WE	-500	8	-1500	8	AG	271	.8	.0	50.0
M. EF	-1500	-15	-500	-15	AG	507	.8	.0	65.0
N. EA	-500	-15	0	-15	AG	213	1.6	.0	33.0
O. ED	0	-23	500	-23	AG	333	1.1	.0	33.0
P. EE	500	-23	1500	-23	AG	333	.8	.0	50.0
Q. NL	0	0	0	-500	AG	17	1.0	.0	33.0
R. SL	0	0	0	500	AG	125	1.0	.0	33.0
S. WL	0	0	500	15	AG	100	1.6	.0	33.0
T. EL	0	0	-500	0	AG	294	1.6	.0	33.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	48	6.0
2. SE3	48	-48	6.0
3. SW3	-33	-48	6.0
4. NW3	-48	33	6.0
5. NE7	46	61	6.0
6. SE7	61	-61	6.0
7. SW7	-46	-61	6.0
8. NW7	-61	46	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.5	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0
4. NW3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2037 PM
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	1924	.8	.0	80.0
B. NA	23	-500	23	0	AG	1887	1.1	.0	45.0
C. ND	15	0	15	500	AG	3034	.9	.0	45.0
D. NE	15	500	15	1500	AG	3034	.8	.0	65.0
E. SF	-23	1500	-23	500	AG	2846	.8	.0	80.0
F. SA	-23	500	-23	0	AG	2678	1.4	.0	45.0
G. SD	-30	0	-30	-500	AG	2311	.9	.0	45.0
H. SE	-30	-500	-30	-1500	AG	2311	.8	.0	65.0
I. WF	1500	15	500	15	AG	499	.8	.0	50.0
J. WA	500	15	0	15	AG	414	1.6	.0	33.0
K. WD	0	8	-500	8	AG	729	1.6	.0	33.0
L. WE	-500	8	-1500	8	AG	729	.8	.0	35.0
M. EF	-1500	8	-500	8	AG	1137	.8	.0	65.0
N. EA	-500	8	0	8	AG	207	1.5	.0	33.0
O. ED	0	-15	500	-15	AG	332	.9	.0	33.0
P. EE	500	-15	1500	-15	AG	332	.8	.0	50.0
Q. NL	0	0	0	-500	AG	37	1.0	.0	33.0
R. SL	0	0	0	500	AG	168	1.0	.0	33.0
S. WL	0	0	500	8	AG	85	1.5	.0	33.0
T. EL	0	0	-500	8	AG	930	1.6	.0	33.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2037 PM
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	48	40	6.0
2. SE3	63	-25	6.0
3. SW3	-48	-40	6.0
4. NW3	-63	25	6.0
5. NE7	61	53	6.0
6. SE7	76	-38	6.0
7. SW7	-61	-53	6.0
8. NW7	-76	38	6.0

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. NE3	260.	.6	.0	.0	.2	.0	.0	.1	.0	.0
2. SE3	278.	.5	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	8.	.8	.0	.0	.1	.0	.0	.4	.1	.0
4. NW3	103.	.5	.0	.0	.0	.0	.0	.2	.0	.0
5. NE7	259.	.5	.0	.0	.1	.0	.0	.1	.0	.0
6. SE7	281.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	11.	.6	.0	.0	.1	.0	.0	.3	.0	.0
8. NW7	168.	.4	.0	.0	.0	.0	.0	.0	.1	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2037 PM
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

		CONC/LINK (PPM)											
RECEPTOR	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
2. SE3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
7. SW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: GAFFEY ST AND 1ST ST: 2037 PM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	1924	.8	.0	80.0
B. NA	23	-500	23	0	AG	1887	1.1	.0	45.0
C. ND	15	0	15	500	AG	3034	.9	.0	45.0
D. NE	15	500	15	1500	AG	3034	.8	.0	65.0
E. SF	-23	1500	-23	500	AG	2846	.8	.0	80.0
F. SA	-23	500	-23	0	AG	2678	1.4	.0	45.0
G. SD	-30	0	-30	-500	AG	2311	.9	.0	45.0
H. SE	-30	-500	-30	-1500	AG	2311	.8	.0	65.0
I. WF	1500	15	500	15	AG	499	.8	.0	50.0
J. WA	500	15	0	15	AG	414	1.6	.0	33.0
K. WD	0	8	-500	8	AG	729	1.6	.0	33.0
L. WE	-500	8	-1500	8	AG	729	.8	.0	35.0
M. EF	-1500	8	-500	8	AG	1137	.8	.0	65.0
N. EA	-500	8	0	8	AG	207	1.5	.0	33.0
O. ED	0	-15	500	-15	AG	332	.9	.0	33.0
P. EE	500	-15	1500	-15	AG	332	.8	.0	50.0
Q. NL	0	0	0	-500	AG	37	1.0	.0	33.0
R. SL	0	0	0	500	AG	168	1.0	.0	33.0
S. WL	0	0	500	8	AG	85	1.5	.0	33.0
T. EL	0	0	-500	8	AG	930	1.6	.0	33.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2037 PM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	48	40	6.0
2. SE3	63	-25	6.0
3. SW3	-48	-40	6.0
4. NW3	-63	25	6.0
5. NE7	61	53	6.0
6. SE7	76	-38	6.0
7. SW7	-61	-53	6.0
8. NW7	-76	38	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.6	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0
4. NW3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
8. NW7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: GAFFEY ST AND 1ST ST: 2037 PM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND 7TH ST: 2037 PM
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	*	15	-1500	15	-500	* AG	881	.8	.0	80.0
B. NA	*	15	-500	15	0	* AG	828	1.1	.0	45.0
C. ND	*	0	0	0	500	* AG	1584	.9	.0	33.0
D. NE	*	0	500	0	1500	* AG	1584	.8	.0	50.0
E. SF	*	-23	1500	-23	500	* AG	2101	.8	.0	65.0
F. SA	*	-23	500	-23	0	* AG	1655	1.3	.0	33.0
G. SD	*	-30	0	-30	-500	* AG	1364	.9	.0	33.0
H. SE	*	-30	-500	-30	-1500	* AG	1364	.8	.0	50.0
I. WF	*	1500	15	500	15	* AG	32	.8	.0	35.0
J. WA	*	500	15	0	15	* AG	30	1.6	.0	33.0
K. WD	*	0	0	-500	0	* AG	510	1.6	.0	33.0
L. WE	*	-500	0	-1500	0	* AG	510	.8	.0	35.0
M. EF	*	-1500	-8	-500	-8	* AG	420	.8	.0	50.0
N. EA	*	-500	-8	0	-8	* AG	122	1.6	.0	33.0
O. ED	*	0	-15	500	-15	* AG	32	1.3	.0	33.0
P. EE	*	500	-15	1500	-15	* AG	32	.8	.0	35.0
Q. NL	*	0	0	-8	-500	* AG	53	1.0	.0	33.0
R. SL	*	0	0	-8	500	* AG	22	1.0	.0	33.0
S. WL	*	0	0	500	15	* AG	2	1.6	.0	33.0
T. EL	*	0	0	-500	0	* AG	298	1.6	.0	33.0

JOB: HARBOR BL AND 7TH ST: 2037 PM
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

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. NE3	260.	.3	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	278.	.3	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	6.	.6	.0	.0	.0	.0	.0	.3	.0	.0
4. NW3	171.	.3	.0	.0	.0	.0	.0	.0	.1	.0
5. NE7	259.	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	280.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	10.	.4	.0	.0	.0	.0	.0	.2	.0	.0
8. NW7	170.	.2	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND 7TH ST: 2037 PM
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

		CONC/LINK (PPM)											
RECEPTOR	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND 7TH ST: 2037 PM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	881	.8	.0	80.0
B. NA	15	-500	15	0	AG	828	1.1	.0	45.0
C. ND	0	0	0	500	AG	1584	.9	.0	33.0
D. NE	0	500	0	1500	AG	1584	.8	.0	50.0
E. SF	-23	1500	-23	500	AG	2101	.8	.0	65.0
F. SA	-23	500	-23	0	AG	1655	1.3	.0	33.0
G. SD	-30	0	-30	-500	AG	1364	.9	.0	33.0
H. SE	-30	-500	-30	-1500	AG	1364	.8	.0	50.0
I. WF	1500	15	500	15	AG	32	.8	.0	35.0
J. WA	500	15	0	15	AG	30	1.6	.0	33.0
K. WD	0	0	-500	0	AG	510	1.6	.0	33.0
L. WE	-500	0	-1500	0	AG	510	.8	.0	35.0
M. EF	-1500	-8	-500	-8	AG	420	.8	.0	50.0
N. EA	-500	-8	0	-8	AG	122	1.6	.0	33.0
O. ED	0	-15	500	-15	AG	32	1.3	.0	33.0
P. EE	500	-15	1500	-15	AG	32	.8	.0	35.0
Q. NL	0	0	-8	-500	AG	53	1.0	.0	33.0
R. SL	0	0	-8	500	AG	22	1.0	.0	33.0
S. WL	0	0	500	15	AG	2	1.6	.0	33.0
T. EL	0	0	-500	0	AG	298	1.6	.0	33.0

JOB: HARBOR BL AND 7TH ST: 2037 PM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.5	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
4. NW3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: HARBOR BL AND 7TH ST: 2037 PM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HABOR BL AND 7TH ST: 2037 PM (p2)
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. SED	-8	0	8	-500	AG	547	.9	.0	35.0
B. SEE	8	-500	715	-1207	AG	547	.8	.0	33.0
C. NWF	715	-1207	8	-500	AG	603	.8	.0	33.0
D. NWA	8	-500	8	0	AG	486	1.1	.0	35.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

JOB: HABOR BL AND 7TH ST: 2037 PM (p2)
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
1. NE3	187.	.1	.0	.0	.0	.0
2. SE3	194.	.0	.0	.0	.0	.0
3. SW3	164.	.1	.0	.0	.0	.0
4. NW3	163.	.0	.0	.0	.0	.0
5. NE7	189.	.0	.0	.0	.0	.0
6. SE7	196.	.0	.0	.0	.0	.0
7. SW7	160.	.0	.0	.0	.0	.0
8. NW7	161.	.0	.0	.0	.0	.0

JOB: HABOR BL AND 7TH ST: 2037 PM (p2)
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. SED	-8	0	8	-500	AG	547	.9	.0	35.0
B. SEE	8	-500	715	-1207	AG	547	.8	.0	33.0
C. NWF	715	-1207	8	-500	AG	603	.8	.0	33.0
D. NWA	8	-500	8	0	AG	486	1.1	.0	35.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

JOB: HABOR BL AND 7TH ST: 2037 PM (p2)
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D
1. NE3	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	1695	.8	.0	65.0
B. NA	15	-500	15	0	AG	1650	1.3	.0	33.0
C. ND	8	0	8	500	AG	1887	.9	.0	33.0
D. NE	8	500	8	1500	AG	1887	.8	.0	50.0
E. SF	-15	1500	-15	500	AG	2133	.8	.0	65.0
F. SA	-15	500	-15	0	AG	2002	1.5	.0	33.0
G. SD	-23	0	-23	-500	AG	1992	.9	.0	33.0
H. SE	-23	-500	-23	-1500	AG	1992	.8	.0	50.0
I. WF	1500	23	500	23	AG	569	.8	.0	50.0
J. WA	500	23	0	23	AG	468	1.6	.0	33.0
K. WD	0	8	-500	8	AG	513	1.4	.0	33.0
L. WE	-500	8	-1500	8	AG	513	.8	.0	50.0
M. EF	-1500	-15	-500	-15	AG	251	.8	.0	65.0
N. EA	-500	-15	0	-15	AG	116	1.6	.0	33.0
O. ED	0	-23	500	-23	AG	256	1.1	.0	33.0
P. EE	500	-23	1500	-23	AG	256	.8	.0	50.0
Q. NL	0	0	0	-500	AG	45	1.0	.0	33.0
R. SL	0	0	0	500	AG	131	1.0	.0	33.0
S. WL	0	0	500	15	AG	101	1.6	.0	33.0
T. EL	0	0	-500	0	AG	135	1.6	.0	33.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	48	6.0
2. SE3	48	-48	6.0
3. SW3	-33	-48	6.0
4. NW3	-48	33	6.0
5. NE7	46	61	6.0
6. SE7	61	-61	6.0
7. SW7	-46	-61	6.0
8. NW7	-61	46	6.0

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. NE3	187.	.4	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	348.	.4	.0	.0	.1	.0	.0	.1	.0	.0
3. SW3	6.	.7	.0	.0	.0	.0	.0	.3	.2	.0
4. NW3	171.	.4	.0	.0	.0	.0	.0	.0	.2	.0
5. NE7	189.	.4	.0	.2	.0	.0	.0	.0	.0	.0
6. SE7	348.	.3	.0	.0	.0	.0	.0	.1	.0	.0
7. SW7	10.	.5	.0	.0	.0	.0	.0	.2	.0	.0
8. NW7	169.	.3	.0	.0	.0	.0	.0	.0	.1	.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

	*	CONC/LINK (PPM)											
RECEPTOR	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	1695	.8	.0	65.0
B. NA	15	-500	15	0	AG	1650	1.3	.0	33.0
C. ND	8	0	8	500	AG	1887	.9	.0	33.0
D. NE	8	500	8	1500	AG	1887	.8	.0	50.0
E. SF	-15	1500	-15	500	AG	2133	.8	.0	65.0
F. SA	-15	500	-15	0	AG	2002	1.5	.0	33.0
G. SD	-23	0	-23	-500	AG	1992	.9	.0	33.0
H. SE	-23	-500	-23	-1500	AG	1992	.8	.0	50.0
I. WF	1500	23	500	23	AG	569	.8	.0	50.0
J. WA	500	23	0	23	AG	468	1.6	.0	33.0
K. WD	0	8	-500	8	AG	513	1.4	.0	33.0
L. WE	-500	8	-1500	8	AG	513	.8	.0	50.0
M. EF	-1500	-15	-500	-15	AG	251	.8	.0	65.0
N. EA	-500	-15	0	-15	AG	116	1.6	.0	33.0
O. ED	0	-23	500	-23	AG	256	1.1	.0	33.0
P. EE	500	-23	1500	-23	AG	256	.8	.0	50.0
Q. NL	0	0	0	-500	AG	45	1.0	.0	33.0
R. SL	0	0	0	500	AG	131	1.0	.0	33.0
S. WL	0	0	500	15	AG	101	1.6	.0	33.0
T. EL	0	0	-500	0	AG	135	1.6	.0	33.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	48	6.0
2. SE3	48	-48	6.0
3. SW3	-33	-48	6.0
4. NW3	-48	33	6.0
5. NE7	46	61	6.0
6. SE7	61	-61	6.0
7. SW7	-46	-61	6.0
8. NW7	-61	46	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.6	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0
4. NW3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
8. NW7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2037 Weekend
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	1787	.8	.0	80.0
B. NA	23	-500	23	0	AG	1738	1.1	.0	45.0
C. SF	-23	1500	-23	500	AG	3196	.8	.0	80.0
D. SA	-23	500	-23	0	AG	2851	1.5	.0	45.0
E. SD	-30	0	-30	-500	AG	2502	.9	.0	45.0
F. SE	-30	-500	-30	-1500	AG	2502	.8	.0	65.0
G. WF	1500	15	500	15	AG	569	.8	.0	50.0
H. WA	500	15	0	15	AG	508	1.6	.0	33.0
I. WD	0	8	-500	8	AG	774	1.6	.0	33.0
J. WE	-500	8	-1500	8	AG	774	.8	.0	35.0
K. EF	-1500	8	-500	8	AG	1040	.8	.0	65.0
L. EA	-500	8	0	8	AG	289	1.5	.0	33.0
M. ED	0	-15	500	-15	AG	549	1.1	.0	33.0
N. EE	500	-15	1500	-15	AG	549	.8	.0	50.0
O. NL	0	0	0	-500	AG	49	1.0	.0	33.0
P. SL	0	0	0	500	AG	345	1.1	.0	33.0
Q. WL	0	0	500	8	AG	61	1.5	.0	33.0
R. EL	0	0	-500	8	AG	751	1.6	.0	33.0

JOB: GAFFEY ST AND 1ST ST: 2037 Weekend
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	48	40	6.0
2. SE3	63	-25	6.0
3. SW3	-48	-40	6.0
4. NW3	-63	25	6.0
5. NE7	61	53	6.0
6. SE7	76	-38	6.0
7. SW7	-61	-53	6.0
8. NW7	-76	38	6.0

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. NE3	255.	.2	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	281.	.2	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	12.	.3	.0	.0	.0	.1	.0	.0	.0	.0
4. NW3	113.	.3	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	252.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	287.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	18.	.2	.0	.0	.0	.1	.0	.0	.0	.0
8. NW7	135.	.2	.0	.0	.0	.0	.0	.0	.0	.0

JOB: GAFFEY ST AND 1ST ST: 2037 Weekend
RUN: (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
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2037 Weekend
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	1787	.8	.0	80.0
B. NA	23	-500	23	0	AG	1738	1.1	.0	45.0
C. SF	-23	1500	-23	500	AG	3196	.8	.0	80.0
D. SA	-23	500	-23	0	AG	2851	1.5	.0	45.0
E. SD	-30	0	-30	-500	AG	2502	.9	.0	45.0
F. SE	-30	-500	-30	-1500	AG	2502	.8	.0	65.0
G. WF	1500	15	500	15	AG	569	.8	.0	50.0
H. WA	500	15	0	15	AG	508	1.6	.0	33.0
I. WD	0	8	-500	8	AG	774	1.6	.0	33.0
J. WE	-500	8	-1500	8	AG	774	.8	.0	35.0
K. EF	-1500	8	-500	8	AG	1040	.8	.0	65.0
L. EA	-500	8	0	8	AG	289	1.5	.0	33.0
M. ED	0	-15	500	-15	AG	549	1.1	.0	33.0
N. EE	500	-15	1500	-15	AG	549	.8	.0	50.0
O. NL	0	0	0	-500	AG	49	1.0	.0	33.0
P. SL	0	0	0	500	AG	345	1.1	.0	33.0
Q. WL	0	0	500	8	AG	61	1.5	.0	33.0
R. EL	0	0	-500	8	AG	751	1.6	.0	33.0

JOB: GAFFEY ST AND 1ST ST: 2037 Weekend
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	48	40	6.0
2. SE3	63	-25	6.0
3. SW3	-48	-40	6.0
4. NW3	-63	25	6.0
5. NE7	61	53	6.0
6. SE7	76	-38	6.0
7. SW7	-61	-53	6.0
8. NW7	-76	38	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NW3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: GAFFEY ST AND 1ST ST: 2037 Weekend
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: GAFFEY ST AND 1ST ST: 2037 Weekend
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A.	ND	*	15	0	15	500	* AG	2767	.9	.0	45.0
B.	NE	*	15	500	15	1500	* AG	2767	.8	.0	65.0

III. RECEPTOR LOCATIONS

	RECEPTOR	*	COORDINATES (FT) X	Y	Z
1.	NE3	*	48	40	6.0
2.	SE3	*	63	-25	6.0
3.	SW3	*	-48	-40	6.0
4.	NW3	*	-63	25	6.0
5.	NE7	*	61	53	6.0
6.	SE7	*	76	-38	6.0
7.	SW7	*	-61	-53	6.0
8.	NW7	*	-76	38	6.0

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

JOB: GAFFEY ST AND 1ST ST: 2037 Weekend
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
1. NE3	343.	.1	.1	.0
2. SE3	341.	.0	.0	.0
3. SW3	19.	.0	.0	.0
4. NW3	28.	.0	.0	.0
5. NE7	340.	.0	.0	.0
6. SE7	341.	.0	.0	.0
7. SW7	20.	.0	.0	.0
8. NW7	29.	.0	.0	.0

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

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
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= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 12.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	2084	.8	.0	65.0
B. NA	15	-500	15	0	AG	2067	1.5	.0	33.0
C. ND	8	0	8	500	AG	2470	.9	.0	33.0
D. NE	8	500	8	1500	AG	2470	.8	.0	50.0
E. SF	-15	1500	-15	500	AG	1806	.8	.0	65.0
F. SA	-15	500	-15	0	AG	1681	1.3	.0	33.0
G. SD	-23	0	-23	-500	AG	1674	.9	.0	33.0
H. SE	-23	-500	-23	-1500	AG	1674	.8	.0	50.0
I. WF	1500	23	500	23	AG	351	.8	.0	50.0
J. WA	500	23	0	23	AG	251	1.6	.0	33.0
K. WD	0	8	-500	8	AG	271	1.1	.0	33.0
L. WE	-500	8	-1500	8	AG	271	.8	.0	50.0
M. EF	-1500	-15	-500	-15	AG	507	.8	.0	65.0
N. EA	-500	-15	0	-15	AG	213	1.6	.0	33.0
O. ED	0	-23	500	-23	AG	333	1.1	.0	33.0
P. EE	500	-23	1500	-23	AG	333	.8	.0	50.0
Q. NL	0	0	0	-500	AG	17	1.0	.0	33.0
R. SL	0	0	0	500	AG	125	1.0	.0	33.0
S. WL	0	0	500	15	AG	100	1.6	.0	33.0
T. EL	0	0	-500	0	AG	294	1.6	.0	33.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	48	6.0
2. SE3	48	-48	6.0
3. SW3	-33	-48	6.0
4. NW3	-48	33	6.0
5. NE7	46	61	6.0
6. SE7	61	-61	6.0
7. SW7	-46	-61	6.0
8. NW7	-61	46	6.0

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. NE3	187.	.5	.0	.3	.0	.0	.0	.0	.0	.0
2. SE3	348.	.4	.0	.0	.2	.0	.0	.1	.0	.0
3. SW3	7.	.6	.0	.0	.1	.0	.0	.2	.1	.0
4. NW3	170.	.4	.0	.1	.0	.0	.0	.0	.2	.0
5. NE7	189.	.4	.0	.2	.0	.0	.0	.0	.0	.0
6. SE7	348.	.3	.0	.0	.1	.0	.0	.0	.0	.0
7. SW7	10.	.4	.0	.0	.1	.0	.0	.2	.0	.0
8. NW7	168.	.3	.0	.1	.0	.0	.0	.0	.1	.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

	*	CONC/LINK (PPM)											
RECEPTOR	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	2084	.8	.0	65.0
B. NA	15	-500	15	0	AG	2067	1.5	.0	33.0
C. ND	8	0	8	500	AG	2470	.9	.0	33.0
D. NE	8	500	8	1500	AG	2470	.8	.0	50.0
E. SF	-15	1500	-15	500	AG	1806	.8	.0	65.0
F. SA	-15	500	-15	0	AG	1681	1.3	.0	33.0
G. SD	-23	0	-23	-500	AG	1674	.9	.0	33.0
H. SE	-23	-500	-23	-1500	AG	1674	.8	.0	50.0
I. WF	1500	23	500	23	AG	351	.8	.0	50.0
J. WA	500	23	0	23	AG	251	1.6	.0	33.0
K. WD	0	8	-500	8	AG	271	1.1	.0	33.0
L. WE	-500	8	-1500	8	AG	271	.8	.0	50.0
M. EF	-1500	-15	-500	-15	AG	507	.8	.0	65.0
N. EA	-500	-15	0	-15	AG	213	1.6	.0	33.0
O. ED	0	-23	500	-23	AG	333	1.1	.0	33.0
P. EE	500	-23	1500	-23	AG	333	.8	.0	50.0
Q. NL	0	0	0	-500	AG	17	1.0	.0	33.0
R. SL	0	0	0	500	AG	125	1.0	.0	33.0
S. WL	0	0	500	15	AG	100	1.6	.0	33.0
T. EL	0	0	-500	0	AG	294	1.6	.0	33.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	48	6.0
2. SE3	48	-48	6.0
3. SW3	-33	-48	6.0
4. NW3	-48	33	6.0
5. NE7	46	61	6.0
6. SE7	61	-61	6.0
7. SW7	-46	-61	6.0
8. NW7	-61	46	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.5	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0
4. NW3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2037 PM
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	1924	.8	.0	80.0
B. NA	23	-500	23	0	AG	1887	1.1	.0	45.0
C. ND	15	0	15	500	AG	3034	.9	.0	45.0
D. NE	15	500	15	1500	AG	3034	.8	.0	65.0
E. SF	-23	1500	-23	500	AG	2846	.8	.0	80.0
F. SA	-23	500	-23	0	AG	2678	1.4	.0	45.0
G. SD	-30	0	-30	-500	AG	2311	.9	.0	45.0
H. SE	-30	-500	-30	-1500	AG	2311	.8	.0	65.0
I. WF	1500	15	500	15	AG	499	.8	.0	50.0
J. WA	500	15	0	15	AG	414	1.6	.0	33.0
K. WD	0	8	-500	8	AG	729	1.6	.0	33.0
L. WE	-500	8	-1500	8	AG	729	.8	.0	35.0
M. EF	-1500	8	-500	8	AG	1137	.8	.0	65.0
N. EA	-500	8	0	8	AG	207	1.5	.0	33.0
O. ED	0	-15	500	-15	AG	332	.9	.0	33.0
P. EE	500	-15	1500	-15	AG	332	.8	.0	50.0
Q. NL	0	0	0	-500	AG	37	1.0	.0	33.0
R. SL	0	0	0	500	AG	168	1.0	.0	33.0
S. WL	0	0	500	8	AG	85	1.5	.0	33.0
T. EL	0	0	-500	8	AG	930	1.6	.0	33.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2037 PM
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	48	40	6.0
2. SE3	63	-25	6.0
3. SW3	-48	-40	6.0
4. NW3	-63	25	6.0
5. NE7	61	53	6.0
6. SE7	76	-38	6.0
7. SW7	-61	-53	6.0
8. NW7	-76	38	6.0

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. NE3	260.	.6	.0	.0	.2	.0	.0	.1	.0	.0
2. SE3	278.	.5	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	8.	.8	.0	.0	.1	.0	.0	.4	.1	.0
4. NW3	103.	.5	.0	.0	.0	.0	.0	.2	.0	.0
5. NE7	259.	.5	.0	.0	.1	.0	.0	.1	.0	.0
6. SE7	281.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	11.	.6	.0	.0	.1	.0	.0	.3	.0	.0
8. NW7	168.	.4	.0	.0	.0	.0	.0	.0	.1	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2037 PM
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

		CONC/LINK (PPM)											
RECEPTOR	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
2. SE3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
7. SW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: GAFFEY ST AND 1ST ST: 2037 PM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	1924	.8	.0	80.0
B. NA	23	-500	23	0	AG	1887	1.1	.0	45.0
C. ND	15	0	15	500	AG	3034	.9	.0	45.0
D. NE	15	500	15	1500	AG	3034	.8	.0	65.0
E. SF	-23	1500	-23	500	AG	2846	.8	.0	80.0
F. SA	-23	500	-23	0	AG	2678	1.4	.0	45.0
G. SD	-30	0	-30	-500	AG	2311	.9	.0	45.0
H. SE	-30	-500	-30	-1500	AG	2311	.8	.0	65.0
I. WF	1500	15	500	15	AG	499	.8	.0	50.0
J. WA	500	15	0	15	AG	414	1.6	.0	33.0
K. WD	0	8	-500	8	AG	729	1.6	.0	33.0
L. WE	-500	8	-1500	8	AG	729	.8	.0	35.0
M. EF	-1500	8	-500	8	AG	1137	.8	.0	65.0
N. EA	-500	8	0	8	AG	207	1.5	.0	33.0
O. ED	0	-15	500	-15	AG	332	.9	.0	33.0
P. EE	500	-15	1500	-15	AG	332	.8	.0	50.0
Q. NL	0	0	0	-500	AG	37	1.0	.0	33.0
R. SL	0	0	0	500	AG	168	1.0	.0	33.0
S. WL	0	0	500	8	AG	85	1.5	.0	33.0
T. EL	0	0	-500	8	AG	930	1.6	.0	33.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2037 PM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	48	40	6.0
2. SE3	63	-25	6.0
3. SW3	-48	-40	6.0
4. NW3	-63	25	6.0
5. NE7	61	53	6.0
6. SE7	76	-38	6.0
7. SW7	-61	-53	6.0
8. NW7	-76	38	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.6	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0
4. NW3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
8. NW7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: GAFFEY ST AND 1ST ST: 2037 PM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND 7TH ST: 2037 PM
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	*	15	-1500	15	-500	* AG	881	.8	.0	80.0
B. NA	*	15	-500	15	0	* AG	828	1.1	.0	45.0
C. ND	*	0	0	0	500	* AG	1584	.9	.0	33.0
D. NE	*	0	500	0	1500	* AG	1584	.8	.0	50.0
E. SF	*	-23	1500	-23	500	* AG	2101	.8	.0	65.0
F. SA	*	-23	500	-23	0	* AG	1655	1.3	.0	33.0
G. SD	*	-30	0	-30	-500	* AG	1364	.9	.0	33.0
H. SE	*	-30	-500	-30	-1500	* AG	1364	.8	.0	50.0
I. WF	*	1500	15	500	15	* AG	32	.8	.0	35.0
J. WA	*	500	15	0	15	* AG	30	1.6	.0	33.0
K. WD	*	0	0	-500	0	* AG	510	1.6	.0	33.0
L. WE	*	-500	0	-1500	0	* AG	510	.8	.0	35.0
M. EF	*	-1500	-8	-500	-8	* AG	420	.8	.0	50.0
N. EA	*	-500	-8	0	-8	* AG	122	1.6	.0	33.0
O. ED	*	0	-15	500	-15	* AG	32	1.3	.0	33.0
P. EE	*	500	-15	1500	-15	* AG	32	.8	.0	35.0
Q. NL	*	0	0	-8	-500	* AG	53	1.0	.0	33.0
R. SL	*	0	0	-8	500	* AG	22	1.0	.0	33.0
S. WL	*	0	0	500	15	* AG	2	1.6	.0	33.0
T. EL	*	0	0	-500	0	* AG	298	1.6	.0	33.0

JOB: HARBOR BL AND 7TH ST: 2037 PM
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

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. NE3	260.	.3	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	278.	.3	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	6.	.6	.0	.0	.0	.0	.0	.3	.0	.0
4. NW3	171.	.3	.0	.0	.0	.0	.0	.0	.1	.0
5. NE7	259.	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	280.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	10.	.4	.0	.0	.0	.0	.0	.2	.0	.0
8. NW7	170.	.2	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND 7TH ST: 2037 PM
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

		CONC/LINK (PPM)											
RECEPTOR	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND 7TH ST: 2037 PM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	881	.8	.0	80.0
B. NA	15	-500	15	0	AG	828	1.1	.0	45.0
C. ND	0	0	0	500	AG	1584	.9	.0	33.0
D. NE	0	500	0	1500	AG	1584	.8	.0	50.0
E. SF	-23	1500	-23	500	AG	2101	.8	.0	65.0
F. SA	-23	500	-23	0	AG	1655	1.3	.0	33.0
G. SD	-30	0	-30	-500	AG	1364	.9	.0	33.0
H. SE	-30	-500	-30	-1500	AG	1364	.8	.0	50.0
I. WF	1500	15	500	15	AG	32	.8	.0	35.0
J. WA	500	15	0	15	AG	30	1.6	.0	33.0
K. WD	0	0	-500	0	AG	510	1.6	.0	33.0
L. WE	-500	0	-1500	0	AG	510	.8	.0	35.0
M. EF	-1500	-8	-500	-8	AG	420	.8	.0	50.0
N. EA	-500	-8	0	-8	AG	122	1.6	.0	33.0
O. ED	0	-15	500	-15	AG	32	1.3	.0	33.0
P. EE	500	-15	1500	-15	AG	32	.8	.0	35.0
Q. NL	0	0	-8	-500	AG	53	1.0	.0	33.0
R. SL	0	0	-8	500	AG	22	1.0	.0	33.0
S. WL	0	0	500	15	AG	2	1.6	.0	33.0
T. EL	0	0	-500	0	AG	298	1.6	.0	33.0

JOB: HARBOR BL AND 7TH ST: 2037 PM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.5	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
4. NW3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: HARBOR BL AND 7TH ST: 2037 PM
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HABOR BL AND 7TH ST: 2037 PM (p2)
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. SED	-8	0	8	-500	AG	547	.9	.0	35.0
B. SEE	8	-500	715	-1207	AG	547	.8	.0	33.0
C. NWF	715	-1207	8	-500	AG	603	.8	.0	33.0
D. NWA	8	-500	8	0	AG	486	1.1	.0	35.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

JOB: HABOR BL AND 7TH ST: 2037 PM (p2)
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
1. NE3	187.	.1	.0	.0	.0	.0
2. SE3	194.	.0	.0	.0	.0	.0
3. SW3	164.	.1	.0	.0	.0	.0
4. NW3	163.	.0	.0	.0	.0	.0
5. NE7	189.	.0	.0	.0	.0	.0
6. SE7	196.	.0	.0	.0	.0	.0
7. SW7	160.	.0	.0	.0	.0	.0
8. NW7	161.	.0	.0	.0	.0	.0

JOB: HABOR BL AND 7TH ST: 2037 PM (p2)
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. SED	-8	0	8	-500	AG	547	.9	.0	35.0
B. SEE	8	-500	715	-1207	AG	547	.8	.0	33.0
C. NWF	715	-1207	8	-500	AG	603	.8	.0	33.0
D. NWA	8	-500	8	0	AG	486	1.1	.0	35.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

JOB: HABOR BL AND 7TH ST: 2037 PM (p2)
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D
1. NE3	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
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=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	1695	.8	.0	65.0
B. NA	15	-500	15	0	AG	1650	1.3	.0	33.0
C. ND	8	0	8	500	AG	1887	.9	.0	33.0
D. NE	8	500	8	1500	AG	1887	.8	.0	50.0
E. SF	-15	1500	-15	500	AG	2133	.8	.0	65.0
F. SA	-15	500	-15	0	AG	2002	1.5	.0	33.0
G. SD	-23	0	-23	-500	AG	1992	.9	.0	33.0
H. SE	-23	-500	-23	-1500	AG	1992	.8	.0	50.0
I. WF	1500	23	500	23	AG	569	.8	.0	50.0
J. WA	500	23	0	23	AG	468	1.6	.0	33.0
K. WD	0	8	-500	8	AG	513	1.4	.0	33.0
L. WE	-500	8	-1500	8	AG	513	.8	.0	50.0
M. EF	-1500	-15	-500	-15	AG	251	.8	.0	65.0
N. EA	-500	-15	0	-15	AG	116	1.6	.0	33.0
O. ED	0	-23	500	-23	AG	256	1.1	.0	33.0
P. EE	500	-23	1500	-23	AG	256	.8	.0	50.0
Q. NL	0	0	0	-500	AG	45	1.0	.0	33.0
R. SL	0	0	0	500	AG	131	1.0	.0	33.0
S. WL	0	0	500	15	AG	101	1.6	.0	33.0
T. EL	0	0	-500	0	AG	135	1.6	.0	33.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	48	6.0
2. SE3	48	-48	6.0
3. SW3	-33	-48	6.0
4. NW3	-48	33	6.0
5. NE7	46	61	6.0
6. SE7	61	-61	6.0
7. SW7	-46	-61	6.0
8. NW7	-61	46	6.0

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. NE3	187.	.4	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	348.	.4	.0	.0	.1	.0	.0	.1	.0	.0
3. SW3	6.	.7	.0	.0	.0	.0	.0	.3	.2	.0
4. NW3	171.	.4	.0	.0	.0	.0	.0	.0	.2	.0
5. NE7	189.	.4	.0	.2	.0	.0	.0	.0	.0	.0
6. SE7	348.	.3	.0	.0	.0	.0	.0	.1	.0	.0
7. SW7	10.	.5	.0	.0	.0	.0	.0	.2	.0	.0
8. NW7	169.	.3	.0	.0	.0	.0	.0	.0	.1	.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

	*	CONC/LINK (PPM)											
RECEPTOR	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	12.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	1695	.8	.0	65.0
B. NA	15	-500	15	0	AG	1650	1.3	.0	33.0
C. ND	8	0	8	500	AG	1887	.9	.0	33.0
D. NE	8	500	8	1500	AG	1887	.8	.0	50.0
E. SF	-15	1500	-15	500	AG	2133	.8	.0	65.0
F. SA	-15	500	-15	0	AG	2002	1.5	.0	33.0
G. SD	-23	0	-23	-500	AG	1992	.9	.0	33.0
H. SE	-23	-500	-23	-1500	AG	1992	.8	.0	50.0
I. WF	1500	23	500	23	AG	569	.8	.0	50.0
J. WA	500	23	0	23	AG	468	1.6	.0	33.0
K. WD	0	8	-500	8	AG	513	1.4	.0	33.0
L. WE	-500	8	-1500	8	AG	513	.8	.0	50.0
M. EF	-1500	-15	-500	-15	AG	251	.8	.0	65.0
N. EA	-500	-15	0	-15	AG	116	1.6	.0	33.0
O. ED	0	-23	500	-23	AG	256	1.1	.0	33.0
P. EE	500	-23	1500	-23	AG	256	.8	.0	50.0
Q. NL	0	0	0	-500	AG	45	1.0	.0	33.0
R. SL	0	0	0	500	AG	131	1.0	.0	33.0
S. WL	0	0	500	15	AG	101	1.6	.0	33.0
T. EL	0	0	-500	0	AG	135	1.6	.0	33.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	48	6.0
2. SE3	48	-48	6.0
3. SW3	-33	-48	6.0
4. NW3	-48	33	6.0
5. NE7	46	61	6.0
6. SE7	61	-61	6.0
7. SW7	-46	-61	6.0
8. NW7	-61	46	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.6	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0
4. NW3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
8. NW7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2037 Weekend
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	1787	.8	.0	80.0
B. NA	23	-500	23	0	AG	1738	1.1	.0	45.0
C. SF	-23	1500	-23	500	AG	3196	.8	.0	80.0
D. SA	-23	500	-23	0	AG	2851	1.5	.0	45.0
E. SD	-30	0	-30	-500	AG	2502	.9	.0	45.0
F. SE	-30	-500	-30	-1500	AG	2502	.8	.0	65.0
G. WF	1500	15	500	15	AG	569	.8	.0	50.0
H. WA	500	15	0	15	AG	508	1.6	.0	33.0
I. WD	0	8	-500	8	AG	774	1.6	.0	33.0
J. WE	-500	8	-1500	8	AG	774	.8	.0	35.0
K. EF	-1500	8	-500	8	AG	1040	.8	.0	65.0
L. EA	-500	8	0	8	AG	289	1.5	.0	33.0
M. ED	0	-15	500	-15	AG	549	1.1	.0	33.0
N. EE	500	-15	1500	-15	AG	549	.8	.0	50.0
O. NL	0	0	0	-500	AG	49	1.0	.0	33.0
P. SL	0	0	0	500	AG	345	1.1	.0	33.0
Q. WL	0	0	500	8	AG	61	1.5	.0	33.0
R. EL	0	0	-500	8	AG	751	1.6	.0	33.0

JOB: GAFFEY ST AND 1ST ST: 2037 Weekend
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	48	40	6.0
2. SE3	63	-25	6.0
3. SW3	-48	-40	6.0
4. NW3	-63	25	6.0
5. NE7	61	53	6.0
6. SE7	76	-38	6.0
7. SW7	-61	-53	6.0
8. NW7	-76	38	6.0

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. NE3	255.	.2	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	281.	.2	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	12.	.3	.0	.0	.0	.1	.0	.0	.0	.0
4. NW3	113.	.3	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	252.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	287.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	18.	.2	.0	.0	.0	.1	.0	.0	.0	.0
8. NW7	135.	.2	.0	.0	.0	.0	.0	.0	.0	.0

JOB: GAFFEY ST AND 1ST ST: 2037 Weekend
RUN: (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
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: GAFFEY ST AND 1ST ST: 2037 Weekend
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	23	-1500	23	-500	AG	1787	.8	.0	80.0
B. NA	23	-500	23	0	AG	1738	1.1	.0	45.0
C. SF	-23	1500	-23	500	AG	3196	.8	.0	80.0
D. SA	-23	500	-23	0	AG	2851	1.5	.0	45.0
E. SD	-30	0	-30	-500	AG	2502	.9	.0	45.0
F. SE	-30	-500	-30	-1500	AG	2502	.8	.0	65.0
G. WF	1500	15	500	15	AG	569	.8	.0	50.0
H. WA	500	15	0	15	AG	508	1.6	.0	33.0
I. WD	0	8	-500	8	AG	774	1.6	.0	33.0
J. WE	-500	8	-1500	8	AG	774	.8	.0	35.0
K. EF	-1500	8	-500	8	AG	1040	.8	.0	65.0
L. EA	-500	8	0	8	AG	289	1.5	.0	33.0
M. ED	0	-15	500	-15	AG	549	1.1	.0	33.0
N. EE	500	-15	1500	-15	AG	549	.8	.0	50.0
O. NL	0	0	0	-500	AG	49	1.0	.0	33.0
P. SL	0	0	0	500	AG	345	1.1	.0	33.0
Q. WL	0	0	500	8	AG	61	1.5	.0	33.0
R. EL	0	0	-500	8	AG	751	1.6	.0	33.0

JOB: GAFFEY ST AND 1ST ST: 2037 Weekend
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	48	40	6.0
2. SE3	63	-25	6.0
3. SW3	-48	-40	6.0
4. NW3	-63	25	6.0
5. NE7	61	53	6.0
6. SE7	76	-38	6.0
7. SW7	-61	-53	6.0
8. NW7	-76	38	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NW3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: GAFFEY ST AND 1ST ST: 2037 Weekend
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: GAFFEY ST AND 1ST ST: 2037 Weekend
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (FT) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A.	ND	*	15	0	15	500	* AG	2767	.9	.0	45.0
B.	NE	*	15	500	15	1500	* AG	2767	.8	.0	65.0

III. RECEPTOR LOCATIONS

	RECEPTOR	*	COORDINATES (FT) X	Y	Z
1.	NE3	*	48	40	6.0
2.	SE3	*	63	-25	6.0
3.	SW3	*	-48	-40	6.0
4.	NW3	*	-63	25	6.0
5.	NE7	*	61	53	6.0
6.	SE7	*	76	-38	6.0
7.	SW7	*	-61	-53	6.0
8.	NW7	*	-76	38	6.0

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

JOB: GAFFEY ST AND 1ST ST: 2037 Weekend
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
1. NE3	343.	.1	.1	.0
2. SE3	341.	.0	.0	.0
3. SW3	19.	.0	.0	.0
4. NW3	28.	.0	.0	.0
5. NE7	340.	.0	.0	.0
6. SE7	341.	.0	.0	.0
7. SW7	20.	.0	.0	.0
8. NW7	29.	.0	.0	.0

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

JOB: HARBOR BL AND 7TH ST: 2037 Weekend
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (FT)
BRG= WORST CASE VD= .0 CM/S
CLAS= 4 (D) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 25. DEGREES TEMP= 14.8 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	*	15	-1500	15	-500	* AG	1231	.8	.0	80.0
B. NA	*	15	-500	15	0	* AG	1173	1.1	.0	45.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT) X	Y	Z
1. NE3	*	25	33	6.0
2. SE3	*	55	-33	6.0
3. SW3	*	-40	-33	6.0
4. NW3	*	-55	18	6.0
5. NE7	*	38	46	6.0
6. SE7	*	68	-46	6.0
7. SW7	*	-53	-46	6.0
8. NW7	*	-68	31	6.0

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

JOB: HARBOR BL AND 7TH ST: 2037 Weekend
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
1. NE3	183.	.0	.0	.0
2. SE3	197.	.0	.0	.0
3. SW3	159.	.0	.0	.0
4. NW3	158.	.0	.0	.0
5. NE7	187.	.0	.0	.0
6. SE7	201.	.0	.0	.0
7. SW7	150.	.0	.0	.0
8. NW7	159.	.0	.0	.0

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

JOB: HARBOR BL AND 7TH ST: 2037 Weekend
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. ND	0	0	0	500	AG	2242	.9	.0	33.0
B. NE	0	500	0	1500	AG	2242	.8	.0	50.0
C. SF	-23	1500	-23	500	AG	2420	.8	.0	65.0
D. SA	-23	500	-23	0	AG	1533	1.3	.0	33.0
E. SD	-30	0	-30	-500	AG	1433	.9	.0	33.0
F. SE	-30	-500	-30	-1500	AG	1433	.8	.0	50.0
G. WF	1500	15	500	15	AG	64	.8	.0	35.0
H. WA	500	15	0	15	AG	61	1.6	.0	33.0
I. WD	0	0	-500	0	AG	503	1.6	.0	33.0
J. WE	-500	0	-1500	0	AG	503	.8	.0	35.0
K. EF	-1500	-8	-500	-8	AG	641	.8	.0	50.0
L. EA	-500	-8	0	-8	AG	392	1.6	.0	33.0
M. ED	0	-15	500	-15	AG	77	1.0	.0	33.0
N. EE	500	-15	1500	-15	AG	77	.8	.0	35.0
O. NL	0	0	-8	-500	AG	58	1.0	.0	33.0
P. SL	0	0	-8	500	AG	44	1.0	.0	33.0
Q. WL	0	0	500	15	AG	3	1.6	.0	33.0
R. EL	0	0	-500	0	AG	249	1.6	.0	33.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND 7TH ST: 2037 Weekend
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

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. NE3	255.	.2	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	332.	.1	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	11.	.3	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	19.	.1	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	254.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	333.	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	16.	.2	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	27.	.1	.0	.0	.0	.0	.0	.0	.0	.0

JOB: HARBOR BL AND 7TH ST: 2037 Weekend
RUN: (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
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND 7TH ST: 2037 Weekend
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. ND	0	0	0	500	AG	2242	.9	.0	33.0
B. NE	0	500	0	1500	AG	2242	.8	.0	50.0
C. SF	-23	1500	-23	500	AG	2420	.8	.0	65.0
D. SA	-23	500	-23	0	AG	1533	1.3	.0	33.0
E. SD	-30	0	-30	-500	AG	1433	.9	.0	33.0
F. SE	-30	-500	-30	-1500	AG	1433	.8	.0	50.0
G. WF	1500	15	500	15	AG	64	.8	.0	35.0
H. WA	500	15	0	15	AG	61	1.6	.0	33.0
I. WD	0	0	-500	0	AG	503	1.6	.0	33.0
J. WE	-500	0	-1500	0	AG	503	.8	.0	35.0
K. EF	-1500	-8	-500	-8	AG	641	.8	.0	50.0
L. EA	-500	-8	0	-8	AG	392	1.6	.0	33.0
M. ED	0	-15	500	-15	AG	77	1.0	.0	33.0
N. EE	500	-15	1500	-15	AG	77	.8	.0	35.0
O. NL	0	0	-8	-500	AG	58	1.0	.0	33.0
P. SL	0	0	-8	500	AG	44	1.0	.0	33.0
Q. WL	0	0	500	15	AG	3	1.6	.0	33.0
R. EL	0	0	-500	0	AG	249	1.6	.0	33.0

JOB: HARBOR BL AND 7TH ST: 2037 Weekend
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: HARBOR BL AND 7TH ST: 2037 Weekend
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HABOR BL AND 7TH ST: 2037 Weekend (p2)
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. SED	-8	0	8	-500	AG	1312	1.0	.0	35.0
B. SEE	8	-500	715	-1207	AG	1312	.9	.0	33.0
C. NWF	715	-1207	8	-500	AG	1211	.9	.0	33.0
D. NWA	8	-500	8	0	AG	931	1.4	.0	35.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

JOB: HABOR BL AND 7TH ST: 2037 Weekend (p2)
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
1. NE3	190.	.1	.0	.0	.0	.0
2. SE3	210.	.0	.0	.0	.0	.0
3. SW3	154.	.1	.0	.0	.0	.0
4. NW3	154.	.0	.0	.0	.0	.0
5. NE7	194.	.0	.0	.0	.0	.0
6. SE7	210.	.0	.0	.0	.0	.0
7. SW7	151.	.0	.0	.0	.0	.0
8. NW7	153.	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HABOR BL AND 7TH ST: 2037 Weekend (p2)
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. SED	-8	0	8	-500	AG	1312	1.0	.0	35.0
B. SEE	8	-500	715	-1207	AG	1312	.9	.0	33.0
C. NWF	715	-1207	8	-500	AG	1211	.9	.0	33.0
D. NWA	8	-500	8	0	AG	931	1.4	.0	35.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	25	33	6.0
2. SE3	55	-33	6.0
3. SW3	-40	-33	6.0
4. NW3	-55	18	6.0
5. NE7	38	46	6.0
6. SE7	68	-46	6.0
7. SW7	-53	-46	6.0
8. NW7	-68	31	6.0

JOB: HABOR BL AND 7TH ST: 2037 Weekend (p2)
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D
1. NE3	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	2470	.8	.0	65.0
B. NA	15	-500	15	0	AG	1663	1.6	.0	33.0
C. ND	8	0	8	500	AG	1850	1.6	.0	33.0
D. NE	8	500	8	1500	AG	1850	.8	.0	50.0
E. SF	-15	1500	-15	500	AG	359	.8	.0	65.0
F. SA	-15	500	-15	0	AG	301	1.3	.0	33.0
G. SD	-23	0	-23	-500	AG	2839	1.6	.0	33.0
H. SE	-23	-500	-23	-1500	AG	2839	.8	.0	50.0
I. WF	1500	23	500	23	AG	346	.8	.0	50.0
J. WA	500	23	0	23	AG	286	1.2	.0	33.0
K. WD	0	8	-500	8	AG	934	.9	.0	33.0
L. WE	-500	8	-1500	8	AG	934	.8	.0	50.0
M. EF	-1500	-15	-500	-15	AG	3356	.8	.0	65.0
N. EA	-500	-15	0	-15	AG	3221	1.6	.0	33.0
O. ED	0	-23	500	-23	AG	908	.9	.0	33.0
P. EE	500	-23	1500	-23	AG	908	.8	.0	50.0
Q. NL	0	0	0	-500	AG	807	1.6	.0	33.0
R. SL	0	0	0	500	AG	58	1.3	.0	33.0
S. WL	0	0	500	15	AG	60	1.2	.0	33.0
T. EL	0	0	-500	0	AG	135	1.2	.0	33.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	48	6.0
2. SE3	48	-48	6.0
3. SW3	-33	-48	6.0
4. NW3	-48	33	6.0
5. NE7	46	61	6.0
6. SE7	61	-61	6.0
7. SW7	-46	-61	6.0
8. NW7	-61	46	6.0

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. NE3	205.	.4	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	282.	.4	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	20.	.5	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	164.	.4	.0	.0	.0	.0	.0	.0	.2	.0
5. NE7	211.	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	286.	.3	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	39.	.4	.0	.0	.0	.0	.0	.0	.2	.0
8. NW7	162.	.3	.0	.0	.0	.0	.0	.0	.1	.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

	*	CONC/LINK (PPM)											
RECEPTOR	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
5. NE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
7. SW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	1.0 M/S	Z0=	100. CM	ALT=	0. (FT)
BRG=	.0 DEGREES	VD=	.0 CM/S		
CLAS=	4 (D)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	25. DEGREES	TEMP=	14.8 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (FT) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. NF	15	-1500	15	-500	AG	2470	.8	.0	65.0
B. NA	15	-500	15	0	AG	1663	1.6	.0	33.0
C. ND	8	0	8	500	AG	1850	1.6	.0	33.0
D. NE	8	500	8	1500	AG	1850	.8	.0	50.0
E. SF	-15	1500	-15	500	AG	359	.8	.0	65.0
F. SA	-15	500	-15	0	AG	301	1.3	.0	33.0
G. SD	-23	0	-23	-500	AG	2839	1.6	.0	33.0
H. SE	-23	-500	-23	-1500	AG	2839	.8	.0	50.0
I. WF	1500	23	500	23	AG	346	.8	.0	50.0
J. WA	500	23	0	23	AG	286	1.2	.0	33.0
K. WD	0	8	-500	8	AG	934	.9	.0	33.0
L. WE	-500	8	-1500	8	AG	934	.8	.0	50.0
M. EF	-1500	-15	-500	-15	AG	3356	.8	.0	65.0
N. EA	-500	-15	0	-15	AG	3221	1.6	.0	33.0
O. ED	0	-23	500	-23	AG	908	.9	.0	33.0
P. EE	500	-23	1500	-23	AG	908	.8	.0	50.0
Q. NL	0	0	0	-500	AG	807	1.6	.0	33.0
R. SL	0	0	0	500	AG	58	1.3	.0	33.0
S. WL	0	0	500	15	AG	60	1.2	.0	33.0
T. EL	0	0	-500	0	AG	135	1.2	.0	33.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (FT) X	Y	Z
1. NE3	33	48	6.0
2. SE3	48	-48	6.0
3. SW3	-33	-48	6.0
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6. SE7	61	-61	6.0
7. SW7	-46	-61	6.0
8. NW7	-61	46	6.0

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.)

RECEPTOR	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H	I	J
1. NE3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.4	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: HARBOR BL AND SWINFORD ST/47 RAMPS: 20
RUN: .000000E+00
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (PRED. CONC. INCLUDES AMB.) (CONT.)

RECEPTOR	CONC/LINK (PPM) K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0