APPENDIX A

URBEMIS2002 MODEL PRINTOUTS

LONG BEACH HOME DEPOT

AIR QUALITY REGIONAL EMISSIONS

URBEMIS 2002 MODEL PRINTOUTS

URBEMIS 2002 For Windows 7.5.0

File Name: H:\RonaldB\Files\Projects\CLB430 LB Home Depot\Weekday.urb
Project Name: Long Beach Home Depot
Project Location: South Coast Air Basin (Los Angeles area)
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	0.36	1.54	2.36	0.00	0.01

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	50.32	63.23	687.94	0.54	49.25

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	50.67	64.78	690.30	0.54	49.26

URBEMIS 2002 For Windows 7.5.0

File Name: H:\RonaldB\Files\Projects\CLB430 LB Home Depot\Weekday.urb
Project Name: Long Beach Home Depot
Project Location: South Coast Air Basin (Los Angeles area)
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	0.11	1.53	0.61	0.00	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	54.40	92.40	671.86	0.48	49.25

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	54.52	93.93	672.47	0.48	49.25

URBEMIS 2002 For Windows 7.5.0

File Name: H:\RonaldB\Files\Projects\CLB430 LB Home Depot\Weekday.urb
Project Name: Long Beach Home Depot
Project Location: South Coast Air Basin (Los Angeles area)
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.11	1.53	0.61	-	0.00
Wood Stoves	0.00	0.00	0.00	0.00	0.00
Fireplaces	0.00	0.00	0.00	0.00	0.00
Landscaping - No winter emissions					
Consumer Prdcts	0.00	-	-	-	-
TOTALS(lbs/day,unmitigated)	0.11	1.53	0.61	0.00	0.00

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
High turnover (sit-down)	6.35	10.83	78.66	0.06	5.78
Regnl shop. center	13.95	23.71	172.46	0.12	12.64
Home improvement supersto	34.10	57.85	420.74	0.30	30.83
TOTAL EMISSIONS (lbs/day)	54.40	92.40	671.86	0.48	49.25

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2004 Temperature (F): 50 Season: Winter

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
High turnover (sit-down)	110.67 trips / 1000 sq. ft.	6.00	664.02
Regnl shop. center	124.00 trips / 1000 sq. ft.	12.00	1,488.00
Home improvement supersto	25.93 trips / 1000 sq. ft.	140.00	3,630.20

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	56.10	2.70	96.80	0.50
Light Truck < 3,750 lbs	15.10	4.60	92.70	2.70
Light Truck 3,751- 5,750	15.60	2.60	96.20	1.20
Med Truck 5,751- 8,500	6.90	2.90	94.20	2.90
Lite-Heavy 8,501-10,000	1.00	0.00	80.00	20.00
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	10.00	20.00	70.00
Heavy-Heavy 33,001-60,000	0.80	0.00	12.50	87.50
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.10	0.00	0.00	100.00
Motorcycle	1.60	87.50	12.50	0.00
School Bus	0.20	0.00	0.00	100.00
Motor Home	1.30	15.40	76.90	7.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Rural Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Trip Speeds (mph)	35.0	40.0	40.0	40.0	40.0	40.0
% of Trips - Residential	20.0	37.0	43.0			

% of Trips - Commercial (by land use)

High turnover (sit-down) rest.	5.0	2.5	92.5
Regnl shop. center	2.0	1.0	97.0
Home improvement superstore	2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Area

The wood stove option switch changed from on to off.
The fireplcase option switch changed from on to off.

Changes made to the default values for Operations

The travel mode environment settings changed from both to: non-residential

URBEMIS 2002 For Windows 7.5.0

File Name: H:\RonaldB\Files\Projects\CLB430 LB Home Depot\Weekday.urb
Project Name: Long Beach Home Depot
Project Location: South Coast Air Basin (Los Angeles area)
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.11	1.53	0.61	-	0.00
Wood Stoves - No summer emissions					
Fireplaces - No summer emissions					
Landscaping	0.25	0.02	1.75	0.00	0.01
Consumer Prdcts	0.00	-	-	-	-
TOTALS(lbs/day,unmitigated)	0.36	1.54	2.36	0.00	0.01

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
High turnover (sit-down)	5.65	7.41	80.85	0.06	5.78
Regnl shop. center	12.36	16.23	176.50	0.14	12.64
Home improvement supersto	32.31	39.60	430.59	0.33	30.83
TOTAL EMISSIONS (lbs/day)	50.32	63.23	687.94	0.54	49.25

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2004 Temperature (F): 90 Season: Summer

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
High turnover (sit-down)	110.67 trips / 1000 sq. ft.	6.00	664.02
Regnl shop. center	124.00 trips / 1000 sq. ft.	12.00	1,488.00
Home improvement supersto	25.93 trips / 1000 sq. ft.	140.00	3,630.20

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	56.10	2.70	96.80	0.50
Light Truck < 3,750 lbs	15.10	4.60	92.70	2.70
Light Truck 3,751- 5,750	15.60	2.60	96.20	1.20
Med Truck 5,751- 8,500	6.90	2.90	94.20	2.90
Lite-Heavy 8,501-10,000	1.00	0.00	80.00	20.00
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	10.00	20.00	70.00
Heavy-Heavy 33,001-60,000	0.80	0.00	12.50	87.50
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.10	0.00	0.00	100.00
Motorcycle	1.60	87.50	12.50	0.00
School Bus	0.20	0.00	0.00	100.00
Motor Home	1.30	15.40	76.90	7.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Rural Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Trip Speeds (mph)	35.0	40.0	40.0	40.0	40.0	40.0
% of Trips - Residential	20.0	37.0	43.0			

% of Trips - Commercial (by land use)

High turnover (sit-down) rest.	5.0	2.5	92.5
Regnl shop. center	2.0	1.0	97.0
Home improvement superstore	2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Area

The wood stove option switch changed from on to off.
The fireplcase option switch changed from on to off.

Changes made to the default values for Operations

The travel mode environment settings changed from both to: non-residential

URBEMIS 2002 For Windows 7.5.0

File Name: H:\RonaldB\Files\Projects\CLB430 LB Home Depot\Weekend.urb
Project Name: Long Beach Home Depot
Project Location: South Coast Air Basin (Los Angeles area)
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	0.36	1.54	2.36	0.00	0.01

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	72.53	92.96	1,011.25	0.79	72.40

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	72.89	94.50	1,013.61	0.79	72.41

URBEMIS 2002 For Windows 7.5.0

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Project Name: Long Beach Home Depot
Project Location: South Coast Air Basin (Los Angeles area)
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	0.11	1.53	0.61	0.00	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	79.94	135.83	987.69	0.71	72.40

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	80.05	137.36	988.30	0.71	72.40

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On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.11	1.53	0.61	-	0.00
Wood Stoves	0.00	0.00	0.00	0.00	0.00
Fireplaces	0.00	0.00	0.00	0.00	0.00
Landscaping - No winter emissions					
Consumer Prdcts	0.00	-	-	-	-
TOTALS(lbs/day,unmitigated)	0.11	1.53	0.61	0.00	0.00

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
High turnover (sit-down)	7.90	13.47	97.85	0.07	7.20
Regnl shop. center	19.82	33.69	245.02	0.18	17.95
Home improvement supersto	52.22	88.66	644.82	0.46	47.25
TOTAL EMISSIONS (lbs/day)	79.94	135.83	987.69	0.71	72.40

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2004 Temperature (F): 50 Season: Winter

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
High turnover (sit-down)	137.67 trips / 1000 sq. ft.	6.00	826.02
Regnl shop. center	176.17 trips / 1000 sq. ft.	12.00	2,114.04
Home improvement supersto	39.74 trips / 1000 sq. ft.	140.00	5,563.60

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	56.10	2.70	96.80	0.50
Light Truck < 3,750 lbs	15.10	4.60	92.70	2.70
Light Truck 3,751- 5,750	15.60	2.60	96.20	1.20
Med Truck 5,751- 8,500	6.90	2.90	94.20	2.90
Lite-Heavy 8,501-10,000	1.00	0.00	80.00	20.00
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	10.00	20.00	70.00
Heavy-Heavy 33,001-60,000	0.80	0.00	12.50	87.50
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.10	0.00	0.00	100.00
Motorcycle	1.60	87.50	12.50	0.00
School Bus	0.20	0.00	0.00	100.00
Motor Home	1.30	15.40	76.90	7.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Rural Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Trip Speeds (mph)	35.0	40.0	40.0	40.0	40.0	40.0
% of Trips - Residential	20.0	37.0	43.0			

% of Trips - Commercial (by land use)

High turnover (sit-down) rest.	5.0	2.5	92.5
Regnl shop. center	2.0	1.0	97.0
Home improvement superstore	2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Area

The wood stove option switch changed from on to off.
The fireplcase option switch changed from on to off.

Changes made to the default values for Operations

The travel mode environment settings changed from both to: non-residential

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On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.11	1.53	0.61	-	0.00
Wood Stoves - No summer emissions					
Fireplaces - No summer emissions					
Landscaping	0.25	0.02	1.75	0.00	0.01
Consumer Prdcts	0.00	-	-	-	-
TOTALS(lbs/day,unmitigated)	0.36	1.54	2.36	0.00	0.01

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
High turnover (sit-down)	7.00	9.22	100.57	0.08	7.20
Regnl shop. center	17.46	23.06	250.76	0.20	17.95
Home improvement supersto	48.06	60.68	659.92	0.51	47.25
TOTAL EMISSIONS (lbs/day)	72.53	92.96	1,011.25	0.79	72.40

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2004 Temperature (F): 90 Season: Summer

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
High turnover (sit-down)	137.67 trips / 1000 sq. ft.	6.00	826.02
Regnl shop. center	176.17 trips / 1000 sq. ft.	12.00	2,114.04
Home improvement supersto	39.74 trips / 1000 sq. ft.	140.00	5,563.60

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	56.10	2.70	96.80	0.50
Light Truck < 3,750 lbs	15.10	4.60	92.70	2.70
Light Truck 3,751- 5,750	15.60	2.60	96.20	1.20
Med Truck 5,751- 8,500	6.90	2.90	94.20	2.90
Lite-Heavy 8,501-10,000	1.00	0.00	80.00	20.00
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	10.00	20.00	70.00
Heavy-Heavy 33,001-60,000	0.80	0.00	12.50	87.50
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.10	0.00	0.00	100.00
Motorcycle	1.60	87.50	12.50	0.00
School Bus	0.20	0.00	0.00	100.00
Motor Home	1.30	15.40	76.90	7.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Rural Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Trip Speeds (mph)	35.0	40.0	40.0	40.0	40.0	40.0
% of Trips - Residential	20.0	37.0	43.0			

% of Trips - Commercial (by land use)

High turnover (sit-down) rest.	5.0	2.5	92.5
Regnl shop. center	2.0	1.0	97.0
Home improvement superstore	2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Area

The wood stove option switch changed from on to off.
The fireplcase option switch changed from on to off.

Changes made to the default values for Operations

The travel mode environment settings changed from both to: non-residential

APPENDIX B

CALINE4 CO HOTSPOTS MODEL PRINTOUTS

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

JOB: Long Beach Home Depot
RUN: Existing-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	*	12	-150	12	0	*	AG	1385	8.7	.0	13.5
B. PCHNBD	*	12	0	12	150	*	AG	1791	8.7	.0	11.8
C. PCHNBL	*	9	-150	0	0	*	AG	338	8.7	.0	10.0
D. PCHSBA	*	-9	150	-9	0	*	AG	1810	8.7	.0	13.5
E. PCHSBD	*	-9	0	-9	-150	*	AG	2087	8.7	.0	11.8
F. PCHSBL	*	-5	150	0	0	*	AG	222	8.7	.0	10.0
G. 2nd St.EBA	*	-150	-14	0	-14	*	AG	1749	8.7	.0	17.0
H. 2nd St.EBD	*	0	-14	150	-14	*	AG	1894	8.7	.0	11.8
I. 2nd St.EBL	*	-150	-9	0	0	*	AG	496	8.7	.0	10.0
J. 2nd St.WBA	*	150	14	0	14	*	AG	1191	8.7	.0	17.0
K. 2nd St.WBD	*	0	14	-150	14	*	AG	1740	8.7	.0	13.5
L. 2nd St.WBL	*	150	9	0	0	*	AG	321	8.7	.0	10.0
M. PCHNBAX	*	12	-750	12	-150	*	AG	1723	8.7	.0	13.5
N. PCHNBDX	*	12	150	12	750	*	AG	1791	8.7	.0	11.8
O. PCHSBAX	*	-9	750	-9	150	*	AG	2032	8.7	.0	13.5
P. PCHSBDX	*	-9	-150	-9	-750	*	AG	2087	8.7	.0	11.8
Q. 2nd St.EBAX	*	-750	-14	-150	-14	*	AG	2245	8.7	.0	17.0
R. 2nd St.EBDX	*	150	-14	750	-14	*	AG	1894	8.7	.0	11.8
S. 2nd St.WBAX	*	750	14	150	14	*	AG	1512	8.7	.0	17.0
T. 2nd St.WBDX	*	-150	14	-750	14	*	AG	1740	8.7	.0	13.5

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

JOB: Long Beach Home Depot
RUN: Existing-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-21	1.8
2. NW	-17	22	1.8
3. SW	-16	-24	1.8
4. NE	20	24	1.8
5. ES mdblk	150	-21	1.8
6. WN mdblk	-150	22	1.8
7. WS mdblk	-150	-24	1.8
8. EN mdblk	150	24	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-16	-150	1.8
12. NE mdblk	20	150	1.8
13. ES blk	600	-21	1.8
14. WN blk	-600	22	1.8
15. WS blk	-600	-24	1.8
16. EN blk	600	24	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-16	-600	1.8
20. NE blk	20	600	1.8

APPENDIX B

CALINE4 CO HOTSPOTS MODEL PRINTOUTS

LONG BEACH HOME DEPOT

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

EXISTING WEEKDAY BASELINE CONDITIONS

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

JOB: Long Beach Home Depot
RUN: Existing-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	9	-150	9	0	AG	1399	6.6	.0	13.5
B. PCHNBD	9	0	9	150	AG	1359	6.6	.0	10.0
C. PCHNBL	5	-150	0	0	AG	163	6.6	.0	10.0
D. PCHSBA	-11	150	-11	0	AG	1722	6.6	.0	17.0
E. PCHSBD	-11	0	-11	-150	AG	1978	6.6	.0	13.5
F. PCHSBL	-5	150	0	0	AG	47	6.6	.0	10.0
G. Loynes DrEBA	-150	-7	0	-7	AG	306	6.6	.0	10.0
H. Loynes DrEBD	0	-7	150	-7	AG	372	6.6	.0	10.0
I. Loynes DrEBL	-150	-5	0	0	AG	31	6.6	.0	10.0
J. Loynes DrWBA	150	9	0	9	AG	373	6.6	.0	13.5
K. Loynes DrWBD	0	9	-150	9	AG	517	6.6	.0	10.0
L. Loynes DrWBL	150	5	0	0	AG	185	6.6	.0	10.0
M. PCHNBAX	9	-750	9	-150	AG	1562	6.6	.0	13.5
N. PCHNBDX	9	150	9	750	AG	1359	6.6	.0	10.0
O. PCHSBAX	-11	750	-11	150	AG	1769	6.6	.0	17.0
P. PCHSBDX	-11	-150	-11	-750	AG	1978	6.6	.0	13.5
Q. Loynes DrEBA	-750	-7	-150	-7	AG	337	6.6	.0	10.0
R. Loynes DrEBD	150	-7	750	-7	AG	372	6.6	.0	10.0
S. Loynes DrWBA	750	9	150	9	AG	558	6.6	.0	13.5
T. Loynes DrWBD	-150	9	-750	9	AG	517	6.6	.0	10.0

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

JOB: Long Beach Home Depot
RUN: Existing-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-14	1.8
2. NW	-21	15	1.8
3. SW	-19	-14	1.8
4. NE	15	17	1.8
5. ES mdblk	150	-14	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	17	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-21	150	1.8
11. SW mdblk	-19	-150	1.8
12. NE mdblk	15	150	1.8
13. ES blk	600	-14	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	17	1.8
17. SE blk	17	-600	1.8
18. NW blk	-21	600	1.8
19. SW blk	-19	-600	1.8
20. NE blk	15	600	1.8

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

JOB: Long Beach Home Depot
RUN: Existing-01 (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. SE	278.	4.5	.7	.0	.1	.0	.5	.0	1.3	.6
2. NW	172.	4.7	.2	.0	.1	.6	1.4	.0	.4	.0
3. SW	8.	4.7	.0	.3	.0	1.3	.8	.1	.9	.0
4. NE	261.	4.2	.0	1.0	.0	.5	.0	.0	.2	.0
5. ES mdblk	278.	3.7	.0	.0	.0	.1	.1	.0	.2	2.0
6. WN mdblk	99.	3.4	.0	.0	.0	.1	.1	.0	.1	.3
7. WS mdblk	81.	3.3	.0	.1	.0	.0	.1	.0	1.7	.2
8. EN mdblk	262.	2.9	.0	.1	.0	.1	.0	.0	.3	.0
9. SE mdblk	352.	3.4	1.5	.2	.2	.3	.2	.0	.0	.1
10. NW mdblk	172.	3.6	.3	.2	.0	1.9	.2	.2	.0	.1
11. SW mdblk	8.	3.9	.2	.3	.1	.2	2.2	.0	.0	.1
12. NE mdblk	188.	3.7	.1	1.9	.0	.2	.4	.0	.1	.0
13. ES blk	278.	3.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	3.3	.0	.0	.0	.0	.1	.0	.0	.0
15. WS blk	82.	3.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	2.8	.0	.0	.0	.0	.1	.0	.0	.0
17. SE blk	352.	3.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	3.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	3.7	.0	.0	.0	.0	.0	.0	.0	.1
20. NE blk	188.	3.6	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-01 (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. SE	.2	.0	.2	.0	.0	.0	.0	.0	.3	.0	.0	.5
2. NW	.1	.0	.9	.0	.5	.0	.0	.3	.0	.0	.0	.0
3. SW	.1	.0	.4	.0	.0	.5	.3	.0	.0	.0	.0	.0
4. NE	.1	.3	1.3	.0	.0	.0	.0	.0	.6	.0	.0	.2
5. ES mdblk	.1	.0	.3	.0	.0	.0	.0	.0	.2	.0	.0	.3
6. WN mdblk	.1	.1	1.8	.0	.0	.0	.0	.0	.0	.3	.1	.0
7. WS mdblk	.2	.2	.1	.0	.0	.0	.0	.0	.0	.1	.2	.0
8. EN mdblk	.1	1.2	.2	.1	.0	.0	.0	.0	.4	.0	.0	.2
9. SE mdblk	.0	.0	.1	.0	.0	.1	.3	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	.5	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	2.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	2.4	.0	.0	.5
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	1.7	.0
17. SE blk	.0	.0	.0	.0	2.0	.0	.0	.7	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.7	2.3	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.7	.0	.0	2.5	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	2.2	.8	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	11	-150	11	0	AG	1351	5.9	.0	17.0
B. PCHNBD	11	0	11	150	AG	1020	5.9	.0	13.5
C. PCHNBL	5	-150	0	0	AG	134	5.9	.0	10.0
D. PCHSBA	-9	150	-9	0	AG	1252	5.9	.0	13.5
E. PCHSBD	-9	0	-9	-150	AG	1662	5.9	.0	11.8
F. PCHSBL	-5	150	0	0	AG	98	5.9	.0	10.0
G. BellfloweEBA	-150	-9	0	-9	AG	325	5.9	.0	13.5
H. BellfloweEBD	0	-9	150	-9	AG	794	5.9	.0	10.0
I. BellfloweEBL	-150	-5	0	0	AG	45	5.9	.0	10.0
J. BellfloweWBA	150	11	0	11	AG	357	5.9	.0	15.3
K. BellfloweWBD	0	11	-150	11	AG	560	5.9	.0	11.8
L. BellfloweWBL	150	5	0	0	AG	474	5.9	.0	10.0
M. PCHNBAX	11	-750	11	-150	AG	1485	5.9	.0	17.0
N. PCHNBDX	11	150	11	750	AG	1020	5.9	.0	13.5
O. PCHSBAX	-9	750	-9	150	AG	1350	5.9	.0	13.5
P. PCHSBDX	-9	-150	-9	-750	AG	1662	5.9	.0	11.8
Q. BellfloweEBA	-750	-9	-150	-9	AG	370	5.9	.0	13.5
R. BellfloweEBD	150	-9	750	-9	AG	794	5.9	.0	10.0
S. BellfloweWBA	750	11	150	11	AG	831	5.9	.0	15.3
T. BellfloweWBD	-150	11	-750	11	AG	560	5.9	.0	11.8

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

JOB: Long Beach Home Depot
RUN: Existing-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-15	1.8
2. NW	-17	18	1.8
3. SW	-16	-17	1.8
4. NE	19	20	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	18	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	20	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-16	-150	1.8
12. NE mdblk	19	150	1.8
13. ES blk	600	-15	1.8
14. WN blk	-600	18	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	20	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-16	-600	1.8
20. NE blk	19	600	1.8

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

JOB: Long Beach Home Depot
RUN: Existing-02 (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. SE	351.	2.2	.2	.9	.0	.3	.0	.0	.0	.2
2. NW	171.	2.5	.2	.0	.0	.2	1.1	.0	.0	.0
3. SW	172.	2.4	.1	.0	.0	.0	1.5	.0	.0	.0
4. NE	187.	2.5	.9	.3	.0	.0	.3	.0	.0	.0
5. ES mdblk	277.	1.1	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	97.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	1.0	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	262.	1.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	352.	2.2	1.1	.1	.0	.3	.2	.0	.0	.0
10. NW mdblk	172.	2.2	.2	.1	.0	1.2	.2	.0	.0	.0
11. SW mdblk	8.	2.5	.2	.2	.0	.1	1.5	.0	.0	.0
12. NE mdblk	187.	2.3	.1	1.2	.0	.2	.3	.0	.0	.0
13. ES blk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.9	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.2	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-02 (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. SE	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
2. NW	.0	.0	.2	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.4	.0	.0	.3	.0	.0	.0	.0
4. NE	.0	.1	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.6
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6	.0
17. SE blk	.0	.0	.0	.0	1.4	.0	.0	.6	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.4	1.5	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.5	.0	.0	1.7	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.3	.6	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	*	9	-150	9	0	*	AG	893	8.7	.0	13.5
B. PCHNBD	*	9	0	9	150	*	AG	1331	8.7	.0	11.8
C. PCHNBL	*	5	-150	0	0	*	AG	193	8.7	.0	10.0
D. PCHSBA	*	-12	150	-12	0	*	AG	1191	8.7	.0	13.5
E. PCHSBD	*	-12	0	-12	-150	*	AG	1403	8.7	.0	13.5
F. PCHSBL	*	-9	150	0	0	*	AG	652	8.7	.0	10.0
G. 7th St.EBA	*	-150	-5	0	-5	*	AG	2309	8.7	.0	13.5
H. 7th St.EBD	*	0	-5	150	-5	*	AG	2749	8.7	.0	11.8
I. 7th St.EBL	*	-150	-2	0	0	*	AG	0	8.7	.0	10.0
J. 7th St.WBA	*	150	5	0	5	*	AG	2557	8.7	.0	13.5
K. 7th St.WBD	*	0	5	-150	5	*	AG	2312	8.7	.0	10.0
L. 7th St.WBL	*	150	2	0	0	*	AG	0	8.7	.0	10.0
M. PCHNBAX	*	9	-750	9	-150	*	AG	1086	8.7	.0	13.5
N. PCHNBDX	*	9	150	9	750	*	AG	1331	8.7	.0	11.8
O. PCHSBAX	*	-12	750	-12	150	*	AG	1843	8.7	.0	13.5
P. PCHSBDX	*	-12	-150	-12	-750	*	AG	1403	8.7	.0	13.5
Q. 7th St.EBAX	*	-750	-5	-150	-5	*	AG	2309	8.7	.0	13.5
R. 7th St.EBDX	*	150	-5	750	-5	*	AG	2749	8.7	.0	11.8
S. 7th St.WBAX	*	750	5	150	5	*	AG	2557	8.7	.0	13.5
T. 7th St.WBDX	*	-150	5	-750	5	*	AG	2312	8.7	.0	10.0

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

JOB: Long Beach Home Depot
RUN: Existing-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-13	1.8
2. NW	-21	12	1.8
3. SW	-21	-14	1.8
4. NE	16	14	1.8
5. ES mdblk	150	-13	1.8
6. WN mdblk	-150	12	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-21	150	1.8
11. SW mdblk	-21	-150	1.8
12. NE mdblk	16	150	1.8
13. ES blk	600	-13	1.8
14. WN blk	-600	12	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	14	1.8
17. SE blk	17	-600	1.8
18. NW blk	-21	600	1.8
19. SW blk	-21	-600	1.8
20. NE blk	16	600	1.8

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

JOB: Long Beach Home Depot
RUN: Existing-03 (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. SE	351.	1.8	.2	.6	.0	.2	.0	.0	.0	.3
2. NW	172.	2.1	.2	.0	.0	.2	.9	.0	.0	.0
3. SW	172.	2.0	.1	.0	.0	.0	1.2	.0	.0	.0
4. NE	187.	2.0	.7	.2	.0	.0	.2	.0	.0	.1
5. ES mdblk	278.	1.3	.0	.0	.0	.0	.0	.0	.0	.7
6. WN mdblk	97.	1.1	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	84.	1.0	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	259.	1.0	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdblk	352.	1.7	.9	.0	.0	.2	.1	.0	.0	.0
10. NW mdblk	173.	1.8	.2	.0	.0	.9	.1	.0	.0	.0
11. SW mdblk	8.	2.0	.2	.2	.0	.0	1.2	.0	.0	.0
12. NE mdblk	187.	1.6	.1	.7	.0	.1	.2	.0	.0	.0
13. ES blk	277.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.9	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.5	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-03 (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. SE	.0	.0	.0	.1	.0	.1	.3	.0	.0	.0	.0	.0
2. NW	.0	.0	.2	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
4. NE	.0	.1	.0	.1	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.3	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.5
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7	.0
17. SE blk	.0	.0	.0	.0	1.1	.0	.0	.4	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.3	1.1	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.5	.0	.0	1.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.9	.4	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	11	-150	11	0	AG	1488	8.7	.0	17.0
B. PCHNBD	11	0	11	150	AG	1682	8.7	.0	13.5
C. PCHNBL	5	-150	0	0	AG	147	8.7	.0	10.0
D. PCHSBA	-9	150	-9	0	AG	1958	8.7	.0	13.5
E. PCHSBD	-9	0	-9	-150	AG	2340	8.7	.0	10.0
F. PCHSBL	-5	150	0	0	AG	19	8.7	.0	10.0
G. StudebakeEBA	-150	-7	0	-7	AG	390	8.7	.0	10.0
H. StudebakeEBD	0	-7	150	-7	AG	50	8.7	.0	10.0
I. StudebakeEBL	-150	-5	0	0	AG	194	8.7	.0	10.0
J. StudebakeWBA	150	2	0	2	AG	50	8.7	.0	10.0
K. StudebakeWBD	0	2	-150	2	AG	245	8.7	.0	10.0
L. StudebakeWBL	150	2	0	0	AG	71	8.7	.0	10.0
M. PCHNBAX	11	-750	11	-150	AG	1635	8.7	.0	17.0
N. PCHNBDX	11	150	11	750	AG	1682	8.7	.0	13.5
O. PCHSBAX	-9	750	-9	150	AG	1977	8.7	.0	13.5
P. PCHSBDX	-9	-150	-9	-750	AG	2340	8.7	.0	10.0
Q. StudebakeEBA	-750	-7	-150	-7	AG	584	8.7	.0	10.0
R. StudebakeEBD	150	-7	750	-7	AG	50	8.7	.0	10.0
S. StudebakeWBA	750	2	150	2	AG	121	8.7	.0	10.0
T. StudebakeWBD	-150	2	-750	2	AG	245	8.7	.0	10.0

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

JOB: Long Beach Home Depot
RUN: Existing-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-14	1.8
2. NW	-17	8	1.8
3. SW	-15	-14	1.8
4. NE	19	8	1.8
5. ES mdblk	150	-14	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	19	150	1.8
13. ES blk	600	-14	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	8	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-15	-600	1.8
20. NE blk	19	600	1.8

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

JOB: Long Beach Home Depot
RUN: Existing-04 (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. SE	278.	5.0	.5	.0	.0	.0	.4	.0	1.8	.8
2. NW	97.	5.6	.0	.3	.0	.6	.0	.2	.0	.9
3. SW	82.	5.3	.2	.0	.0	.0	.7	.0	.7	1.8
4. NE	261.	5.1	.0	.7	.0	.3	.0	.2	.9	.0
5. ES mdblk	278.	4.9	.0	.1	.0	.1	.0	.0	.2	2.8
6. WN mdblk	97.	4.6	.0	.0	.0	.0	.1	.0	.8	.4
7. WS mdblk	83.	4.3	.0	.1	.0	.0	.0	.0	2.2	.3
8. EN mdblk	262.	4.6	.0	.0	.0	.0	.1	.0	.4	.8
9. SE mdblk	353.	2.7	1.0	.2	.1	.2	.1	.1	.1	.1
10. NW mdblk	171.	3.0	.2	.2	.0	1.3	.1	.4	.0	.2
11. SW mdblk	7.	3.1	.1	.3	.0	.2	1.5	.1	.1	.1
12. NE mdblk	188.	3.1	.1	1.5	.0	.2	.3	.2	.2	.0
13. ES blk	278.	4.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	4.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	4.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	4.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	2.5	.0	.0	.0	.0	.0	.0	.1	.0
18. NW blk	172.	3.3	.0	.0	.0	.0	.0	.0	.0	.1
19. SW blk	7.	2.8	.0	.0	.0	.0	.0	.0	.0	.1
20. NE blk	188.	3.0	.0	.0	.0	.0	.0	.0	.1	.0

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

JOB: Long Beach Home Depot
RUN: Existing-04 (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. SE	*	.0	.0	.7	.0	.0	.0	.0	.0	.3	.0	.0	.4
2. NW	*	.0	1.9	.7	.0	.0	.0	.0	.0	.0	.6	.4	.0
3. SW	*	.0	.9	.0	.0	.0	.0	.0	.0	.0	.3	.5	.0
4. NE	*	.0	.7	1.7	.0	.0	.0	.0	.0	.4	.0	.0	.2
5. ES mdblk	*	.0	.8	.3	.0	.0	.0	.0	.0	.2	.0	.0	.2
6. WN mdblk	*	.0	.3	2.3	.0	.0	.0	.0	.0	.0	.3	.2	.0
7. WS mdblk	*	.0	.4	.6	.0	.0	.0	.0	.0	.0	.2	.3	.0
8. EN mdblk	*	.0	2.5	.2	.0	.0	.0	.0	.0	.2	.0	.0	.2
9. SE mdblk	*	.0	.1	.1	.0	.0	.1	.3	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.1	.1	.0	.0	.2	.2	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.1	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	1.3	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	2.6
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	2.6	.0	.0	1.0
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	2.8	.0
17. SE blk	*	.0	.0	.1	.0	1.4	.0	.0	.5	.0	.0	.0	.0
18. NW blk	*	.0	.1	.0	.0	.0	.5	2.2	.0	.0	.0	.0	.0
19. SW blk	*	.0	.1	.0	.0	.4	.0	.0	1.7	.0	.0	.0	.0
20. NE blk	*	.0	.0	.1	.0	.0	1.7	.7	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Bixby VilNBA	2	-150	2	0	AG	33	5.5	.0	10.0
B. Bixby VilNBD	2	0	2	150	AG	127	5.5	.0	10.0
C. Bixby VilNBL	2	-150	0	0	AG	21	5.5	.0	10.0
D. Bixby VilSBA	-4	150	-4	0	AG	68	5.5	.0	10.0
E. Bixby VilSBD	-4	0	-4	-150	AG	82	5.5	.0	10.0
F. Bixby VilSBL	-2	150	0	0	AG	29	5.5	.0	10.0
G. Loynes DrEBA	-150	-9	0	-9	AG	330	5.5	.0	13.5
H. Loynes DrEBD	0	-9	150	-9	AG	353	5.5	.0	10.0
I. Loynes DrEBL	-150	-5	0	0	AG	65	5.5	.0	10.0
J. Loynes DrWBA	150	7	0	7	AG	666	5.5	.0	10.0
K. Loynes DrWBD	0	7	-150	7	AG	684	5.5	.0	10.0
L. Loynes DrWBL	150	5	0	0	AG	34	5.5	.0	10.0
M. Bixby VilNBA	2	-750	2	-150	AG	54	5.5	.0	10.0
N. Bixby VilNBD	2	150	2	750	AG	127	5.5	.0	10.0
O. Bixby VilSBA	-4	750	-4	150	AG	97	5.5	.0	10.0
P. Bixby VilSBD	-4	-150	-4	-750	AG	82	5.5	.0	10.0
Q. Loynes DrEBA	-750	-9	-150	-9	AG	395	5.5	.0	13.5
R. Loynes DrEBD	150	-9	750	-9	AG	353	5.5	.0	10.0
S. Loynes DrWBA	750	7	150	7	AG	700	5.5	.0	10.0
T. Loynes DrWBD	-150	7	-750	7	AG	684	5.5	.0	10.0

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

JOB: Long Beach Home Depot
RUN: Existing-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	8	-15	1.8
2. NW	-10	14	1.8
3. SW	-10	-17	1.8
4. NE	8	14	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	14	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	8	-150	1.8
10. NW mdblk	-10	150	1.8
11. SW mdblk	-10	-150	1.8
12. NE mdblk	8	150	1.8
13. ES blk	600	-15	1.8
14. WN blk	-600	14	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	14	1.8
17. SE blk	8	-600	1.8
18. NW blk	-10	600	1.8
19. SW blk	-10	-600	1.8
20. NE blk	8	600	1.8

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

JOB: Long Beach Home Depot
RUN: Existing-05 (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. SE	351.	2.7	.2	1.3	.0	.3	.0	.0	.0	.0
2. NW	171.	3.5	.3	.0	.0	.1	1.9	.0	.1	.0
3. SW	7.	3.8	.0	.3	.0	1.8	.5	.0	.2	.0
4. NE	352.	2.9	.0	1.7	.0	.3	.0	.0	.0	.0
5. ES mdblk	273.	1.0	.1	.0	.0	.0	.1	.0	.0	.0
6. WN mdblk	100.	1.2	.2	.0	.0	.0	.2	.0	.2	.0
7. WS mdblk	81.	1.4	.0	.1	.0	.2	.0	.0	.5	.0
8. EN mdblk	267.	1.0	.0	.1	.0	.1	.1	.0	.0	.0
9. SE mdblk	352.	2.8	1.4	.2	.0	.4	.2	.0	.0	.0
10. NW mdblk	172.	3.3	.3	.3	.0	2.0	.2	.0	.0	.0
11. SW mdblk	8.	3.8	.3	.3	.0	.2	2.4	.0	.0	.0
12. NE mdblk	188.	3.1	.2	1.7	.0	.3	.4	.0	.0	.0
13. ES blk	275.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.1	.0	.0	.0	.0	.1	.0	.0	.0
15. WS blk	84.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	266.	.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.9	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	3.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	3.8	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	3.1	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-05 (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. SE	.0	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
2. NW	.0	.0	.1	.0	.5	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.5	.3	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.3	.6	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
6. WN mdblk	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.4
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
17. SE blk	.0	.0	.0	.0	1.8	.0	.0	.7	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.7	2.3	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.8	.0	.0	2.7	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	2.0	.8	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	7	-150	7	0	AG	1645	5.9	.0	10.0
B. StudebakeNBD	7	0	7	150	AG	1917	5.9	.0	10.0
C. StudebakeNBL	5	-150	0	0	AG	89	5.9	.0	10.0
D. StudebakeSBA	-5	150	-5	0	AG	2200	5.9	.0	13.5
E. StudebakeSBD	-5	0	-5	-150	AG	1662	5.9	.0	10.0
F. StudebakeSBL	-2	150	0	0	AG	0	5.9	.0	10.0
G. Loynes DrEBA	-150	-11	0	-11	AG	88	5.9	.0	10.0
H. Loynes DrEBD	0	-11	150	-11	AG	0	5.9	.0	10.0
I. Loynes DrEBL	-150	-9	0	0	AG	272	5.9	.0	10.0
J. Loynes DrWBA	150	0	0	0	AG	0	5.9	.0	10.0
K. Loynes DrWBD	0	0	-150	0	AG	715	5.9	.0	10.0
L. Loynes DrWBL	150	2	0	0	AG	0	5.9	.0	10.0
M. StudebakeNBA	7	-750	7	-150	AG	1734	5.9	.0	10.0
N. StudebakeNBD	7	150	7	750	AG	1917	5.9	.0	10.0
O. StudebakeSBA	-5	750	-5	150	AG	2200	5.9	.0	13.5
P. StudebakeSBD	-5	-150	-5	-750	AG	1662	5.9	.0	10.0
Q. Loynes DrEBA	-750	-11	-150	-11	AG	360	5.9	.0	10.0
R. Loynes DrEBD	150	-11	750	-11	AG	0	5.9	.0	10.0
S. Loynes DrWBA	750	0	150	0	AG	0	5.9	.0	10.0
T. Loynes DrWBD	-150	0	-750	0	AG	715	5.9	.0	10.0

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

JOB: Long Beach Home Depot
RUN: Existing-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-17	1.8
2. NW	-14	7	1.8
3. SW	-12	-17	1.8
4. NE	14	7	1.8
5. ES mdblk	150	-17	1.8
6. WN mdblk	-150	7	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	7	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-12	-150	1.8
12. NE mdblk	14	150	1.8
13. ES blk	600	-17	1.8
14. WN blk	-600	7	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	7	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-12	-600	1.8
20. NE blk	14	600	1.8

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

JOB: Long Beach Home Depot
RUN: Existing-06 (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. SE	277.	.7	.0	.0	.0	.0	.0	.0	.3	.0
2. NW	97.	.9	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	82.	.6	.0	.0	.0	.0	.0	.0	.0	.2
4. NE	263.	.9	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	277.	.7	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	97.	.9	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	82.	.6	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	263.	.9	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	356.	.3	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	174.	.3	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	5.	.3	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	186.	.3	.0	.1	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.9	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.7	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	355.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	185.	.3	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-06 (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. SE	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
2. NW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
4. NE	.0	.0	.5	.0	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.6
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-120	5	0	AG	1945	6.6	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	983	6.6	.0	10.0
C. StudebakeNBL	2	-120	0	0	AG	0	6.6	.0	10.0
D. StudebakeSBA	-7	120	-7	0	AG	2099	6.6	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	2135	6.6	.0	10.0
F. StudebakeSBL	-5	120	0	0	AG	376	6.6	.0	10.0
G. SR-22 EB EBA	-120	0	0	0	AG	0	6.6	.0	10.0
H. SR-22 EB EBD	0	0	150	0	AG	1450	6.6	.0	10.0
I. SR-22 EB EBL	-120	-2	0	0	AG	0	6.6	.0	10.0
J. SR-22 EB WBA	120	9	0	9	AG	112	6.6	.0	10.0
K. SR-22 EB WBD	0	9	-150	9	AG	0	6.6	.0	10.0
L. SR-22 EB WBL	120	9	0	0	AG	36	6.6	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	1945	6.6	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	983	6.6	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	2475	6.6	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	2135	6.6	.0	10.0
Q. SR-22 EB EBA	-750	0	-150	0	AG	0	6.6	.0	10.0
R. SR-22 EB EBD	150	0	750	0	AG	1450	6.6	.0	10.0
S. SR-22 EB WBA	750	9	150	9	AG	148	6.6	.0	10.0
T. SR-22 EB WBD	-150	9	-750	9	AG	0	6.6	.0	10.0

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

JOB: Long Beach Home Depot
RUN: Existing-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	15	1.8
3. SW	-14	-7	1.8
4. NE	12	15	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	15	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	15	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: Existing-07 (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. SE	352.	2.4	.3	1.0	.0	.5	.0	.0	.0	.0
2. NW	8.	2.4	.0	.3	.0	1.5	.0	.0	.0	.0
3. SW	7.	2.7	.0	.4	.0	1.2	.3	.0	.0	.0
4. NE	352.	2.4	.0	1.4	.0	.5	.0	.0	.0	.0
5. ES mdblk	273.	.6	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	100.	1.0	.1	.0	.0	.0	.1	.0	.0	.0
7. WS mdblk	76.	.8	.0	.1	.0	.1	.0	.0	.0	.0
8. EN mdblk	268.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	2.3	1.2	.1	.0	.3	.3	.0	.0	.0
10. NW mdblk	172.	2.4	.2	.3	.0	1.5	.1	.0	.0	.0
11. SW mdblk	7.	2.2	.3	.2	.0	.2	1.2	.0	.0	.0
12. NE mdblk	188.	2.4	.0	1.4	.0	.5	.2	.0	.0	.0
13. ES blk	272.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.9	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	270.	.3	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.6	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-07 (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. SE	*	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0
3. SW	*	.0	.0	.2	.0	.0	.3	.2	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	*	.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdblk	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.7
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.3
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	*	.0	.0	.0	.0	1.4	.0	.0	.6	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.6	1.7	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.6	.0	.0	1.4	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.5	.8	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-150	5	0	AG	997	7.5	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	1261	7.5	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	7.5	.0	10.0
D. StudebakeSBA	-7	150	-7	0	AG	1375	7.5	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	2485	7.5	.0	10.0
F. StudebakeSBL	-5	150	0	0	AG	73	7.5	.0	10.0
G. SR-22 WB EBA	-150	0	0	0	AG	0	7.5	.0	10.0
H. SR-22 WB EBD	0	0	150	0	AG	129	7.5	.0	10.0
I. SR-22 WB EBL	-150	-2	0	0	AG	0	7.5	.0	10.0
J. SR-22 WB WBA	150	9	0	9	AG	320	7.5	.0	10.0
K. SR-22 WB WBD	0	9	-150	9	AG	0	7.5	.0	10.0
L. SR-22 WB WBL	150	9	0	0	AG	1110	7.5	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	997	7.5	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	1261	7.5	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	1448	7.5	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	2485	7.5	.0	10.0
Q. SR-22 WB EBA	-750	0	-150	0	AG	0	7.5	.0	10.0
R. SR-22 WB EBD	150	0	750	0	AG	129	7.5	.0	10.0
S. SR-22 WB WBA	750	9	150	9	AG	1430	7.5	.0	10.0
T. SR-22 WB WBD	-150	9	-750	9	AG	0	7.5	.0	10.0

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

JOB: Long Beach Home Depot
RUN: Existing-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	15	1.8
3. SW	-14	-7	1.8
4. NE	12	15	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	15	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	15	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: Existing-08 (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. SE	351.	2.4	.0	.7	.0	.3	.0	.1	.0	.6
2. NW	172.	2.7	.4	.0	.0	.4	1.3	.0	.0	.0
3. SW	172.	2.7	.3	.0	.0	.0	1.7	.0	.0	.0
4. NE	187.	2.9	1.2	.2	.0	.0	.4	.0	.0	.4
5. ES mdblk	281.	1.7	.0	.0	.0	.1	.0	.0	.0	1.3
6. WN mdblk	93.	.8	.0	.0	.0	.1	.0	.0	.0	.2
7. WS mdblk	89.	.8	.0	.0	.0	.0	.0	.0	.0	.2
8. EN mdblk	257.	1.0	.2	.0	.0	.0	.1	.0	.0	.6
9. SE mdblk	188.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	8.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	8.	2.8	.5	.1	.0	.1	1.7	.0	.0	.0
12. NE mdblk	187.	2.2	.1	.9	.0	.4	.3	.1	.0	.0
13. ES blk	277.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	91.	.3	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	90.	.3	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	3.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.0	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-08 (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. SE	*	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	*	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
4. NE	*	.0	.0	.0	.0	.3	.0	.0	.4	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
8. EN mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	1.8	.0	.0	.7	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.5	2.2	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.1	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.2	.0
17. SE blk	*	.0	.0	.0	.0	1.7	.0	.0	.7	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.4	2.1	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.8	.0	.0	1.9	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.0	.8	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-10 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	0	-150	0	0	AG	0	6.6	.0	10.0
B. StudebakeNBD	0	0	0	150	AG	1635	6.6	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	6.6	.0	10.0
D. StudebakeSBA	-11	150	-11	0	AG	952	6.6	.0	10.0
E. StudebakeSBD	-11	0	-11	-150	AG	0	6.6	.0	10.0
F. StudebakeSBL	-9	150	0	0	AG	330	6.6	.0	10.0
G. 2nd St.EBA	-150	-11	0	-11	AG	468	6.6	.0	10.0
H. 2nd St.EBD	0	-11	150	-11	AG	798	6.6	.0	10.0
I. 2nd St.EBL	-150	-9	0	0	AG	1202	6.6	.0	10.0
J. 2nd St.WBA	150	5	0	5	AG	1103	6.6	.0	13.5
K. 2nd St.WBD	0	5	-150	5	AG	1622	6.6	.0	10.0
L. 2nd St.WBL	150	2	0	0	AG	0	6.6	.0	10.0
M. StudebakeNBA	0	-750	0	-150	AG	0	6.6	.0	10.0
N. StudebakeNBD	0	150	0	750	AG	1635	6.6	.0	10.0
O. StudebakeSBA	-11	750	-11	150	AG	1282	6.6	.0	10.0
P. StudebakeSBD	-11	-150	-11	-750	AG	0	6.6	.0	10.0
Q. 2nd St.EBAX	-750	-11	-150	-11	AG	1670	6.6	.0	10.0
R. 2nd St.EBDX	150	-11	750	-11	AG	798	6.6	.0	10.0
S. 2nd St.WBAX	750	5	150	5	AG	1103	6.6	.0	13.5
T. 2nd St.WBDX	-150	5	-750	5	AG	1622	6.6	.0	10.0

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

JOB: Long Beach Home Depot
RUN: Existing-10 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	7	-17	1.8
2. NW	-17	12	1.8
3. SW	-17	-17	1.8
4. NE	7	14	1.8
5. ES mdblk	150	-17	1.8
6. WN mdblk	-150	12	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	7	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-17	-150	1.8
12. NE mdblk	7	150	1.8
13. ES blk	600	-17	1.8
14. WN blk	-600	12	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	14	1.8
17. SE blk	7	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-17	-600	1.8
20. NE blk	7	600	1.8

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

JOB: Long Beach Home Depot
RUN: Existing-09 (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. SE	352.	2.6	.0	1.0	.0	.3	.0	.0	.0	.0
2. NW	173.	2.8	.3	.0	.0	.3	1.7	.0	.0	.0
3. SW	172.	3.1	.3	.0	.0	.0	2.2	.0	.0	.0
4. NE	187.	2.8	.8	.3	.0	.0	.6	.0	.0	.0
5. ES mdblk	282.	1.2	.0	.1	.0	.1	.0	.0	.0	.2
6. WN mdblk	92.	.8	.0	.0	.0	.1	.0	.0	.0	.0
7. WS mdblk	88.	.8	.0	.0	.0	.0	.1	.0	.0	.0
8. EN mdblk	257.	1.9	.0	.0	.0	.0	.2	.0	.0	.0
9. SE mdblk	353.	2.1	.9	.1	.0	.2	.4	.0	.0	.0
10. NW mdblk	173.	2.5	.2	.3	.0	1.3	.2	.0	.0	.0
11. SW mdblk	8.	3.2	.3	.2	.0	.1	2.2	.0	.0	.0
12. NE mdblk	187.	2.4	.1	1.2	.0	.3	.3	.0	.0	.0
13. ES blk	277.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	91.	.3	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	89.	.3	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	3.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.3	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-09 (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. SE	.0	.1	.0	.5	.0	.2	.3	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.3	.0	.0	.3	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.3	.0	.0	.3	.0	.0	.0	.0
4. NE	.0	.2	.0	.4	.2	.0	.0	.5	.0	.0	.0	.0
5. ES mdblk	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0
7. WS mdblk	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	.0	.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.6	.0
17. SE blk	.0	.0	.0	.0	1.1	.0	.0	.8	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.6	1.6	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.5	.0	.0	2.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.4	.7	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-11 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-150	5	0	AG	1945	5.9	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	1943	5.9	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	5.9	.0	10.0
D. StudebakeSBA	-7	150	-7	0	AG	1930	5.9	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	1940	5.9	.0	10.0
F. StudebakeSBL	-5	150	0	0	AG	1	5.9	.0	10.0
G. AES PlantEBA	-150	0	0	0	AG	0	5.9	.0	10.0
H. AES PlantEBD	0	0	150	0	AG	10	5.9	.0	10.0
I. AES PlantEBL	-150	-2	0	0	AG	0	5.9	.0	10.0
J. AES PlantWBA	150	2	0	2	AG	7	5.9	.0	10.0
K. AES PlantWBD	0	2	-150	2	AG	0	5.9	.0	10.0
L. AES PlantWBL	150	2	0	0	AG	10	5.9	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	1945	5.9	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	1943	5.9	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	1931	5.9	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	1940	5.9	.0	10.0
Q. AES PlantEBA	-750	0	-150	0	AG	0	5.9	.0	10.0
R. AES PlantEBD	150	0	750	0	AG	10	5.9	.0	10.0
S. AES PlantWBA	750	2	150	2	AG	17	5.9	.0	10.0
T. AES PlantWBD	-150	2	-750	2	AG	0	5.9	.0	10.0

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

JOB: Long Beach Home Depot
RUN: Existing-11 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	8	1.8
3. SW	-14	-7	1.8
4. NE	12	8	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	8	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: Existing-10 (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. SE	354.	2.7	.0	1.0	.0	.3	.0	.3	.0	.3
2. NW	97.	2.5	.0	.4	.0	.4	.0	.0	.0	.2
3. SW	6.	2.6	.0	.4	.0	.7	.0	.1	.2	.0
4. NE	261.	3.2	.0	.7	.0	.2	.0	.1	.1	.0
5. ES mdblk	277.	1.8	.0	.0	.0	.0	.0	.0	.0	.7
6. WN mdblk	98.	2.3	.0	.0	.0	.0	.0	.0	.1	.1
7. WS mdblk	78.	2.1	.0	.1	.0	.0	.0	.0	.5	.0
8. EN mdblk	264.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	358.	1.0	.0	.2	.0	.1	.0	.0	.0	.0
10. NW mdblk	167.	1.9	.0	.6	.0	.9	.0	.3	.0	.0
11. SW mdblk	2.	1.0	.0	.2	.0	.1	.0	.0	.0	.0
12. NE mdblk	193.	2.2	.0	1.4	.0	.4	.0	.2	.0	.0
13. ES blk	277.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	358.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	360.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.3	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-10 (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. SE	.0	.2	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0
2. NW	.0	.8	.3	.0	.0	.0	.0	.0	.0	.2	.2	.0
3. SW	.3	.0	.3	.0	.0	.3	.2	.0	.0	.0	.0	.0
4. NE	.4	.0	1.1	.0	.0	.0	.0	.0	.3	.0	.0	.2
5. ES mdblk	.2	.2	.2	.0	.0	.0	.0	.0	.1	.0	.0	.2
6. WN mdblk	.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.8	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.2	.9	.2	.0	.0	.0	.0	.0	.2	.0	.0	.1
9. SE mdblk	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.1	.0	.0	.2	.2	.0	.0	.0	.0	.0
12. NE mdblk	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.4	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	1.5
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.6
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.0	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.7	1.3	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.5	.6	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	*	12	-150	12	0	*	AG	1385	8.7	.0	13.5
B. PCHNBD	*	12	0	12	150	*	AG	1791	8.7	.0	11.8
C. PCHNBL	*	9	-150	0	0	*	AG	338	8.7	.0	10.0
D. PCHSBA	*	-9	150	-9	0	*	AG	1810	8.7	.0	13.5
E. PCHSBD	*	-9	0	-9	-150	*	AG	2087	8.7	.0	11.8
F. PCHSBL	*	-5	150	0	0	*	AG	222	8.7	.0	10.0
G. 2nd St.EBA	*	-150	-14	0	-14	*	AG	1749	8.7	.0	17.0
H. 2nd St.EBD	*	0	-14	150	-14	*	AG	1894	8.7	.0	11.8
I. 2nd St.EBL	*	-150	-9	0	0	*	AG	496	8.7	.0	10.0
J. 2nd St.WBA	*	150	14	0	14	*	AG	1191	8.7	.0	17.0
K. 2nd St.WBD	*	0	14	-150	14	*	AG	1740	8.7	.0	13.5
L. 2nd St.WBL	*	150	9	0	0	*	AG	321	8.7	.0	10.0
M. PCHNBAX	*	12	-750	12	-150	*	AG	1723	8.7	.0	13.5
N. PCHNBDX	*	12	150	12	750	*	AG	1791	8.7	.0	11.8
O. PCHSBAX	*	-9	750	-9	150	*	AG	2032	8.7	.0	13.5
P. PCHSBDX	*	-9	-150	-9	-750	*	AG	2087	8.7	.0	11.8
Q. 2nd St.EBAX	*	-750	-14	-150	-14	*	AG	2245	8.7	.0	17.0
R. 2nd St.EBDX	*	150	-14	750	-14	*	AG	1894	8.7	.0	11.8
S. 2nd St.WBAX	*	750	14	150	14	*	AG	1512	8.7	.0	17.0
T. 2nd St.WBDX	*	-150	14	-750	14	*	AG	1740	8.7	.0	13.5

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

JOB: Long Beach Home Depot
RUN: Existing-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-21	1.8
2. NW	-17	22	1.8
3. SW	-16	-24	1.8
4. NE	20	24	1.8
5. ES mdblk	150	-21	1.8
6. WN mdblk	-150	22	1.8
7. WS mdblk	-150	-24	1.8
8. EN mdblk	150	24	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-16	-150	1.8
12. NE mdblk	20	150	1.8
13. ES blk	600	-21	1.8
14. WN blk	-600	22	1.8
15. WS blk	-600	-24	1.8
16. EN blk	600	24	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-16	-600	1.8
20. NE blk	20	600	1.8

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

JOB: Long Beach Home Depot
RUN: Existing-11 (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. SE	188.	2.2	1.3	.0	.0	.0	.3	.0	.0	.0
2. NW	173.	2.3	.4	.0	.0	.0	1.3	.0	.0	.0
3. SW	172.	2.4	.4	.0	.0	.0	1.4	.0	.0	.0
4. NE	187.	2.4	1.4	.0	.0	.0	.4	.0	.0	.0
5. ES mdblk	337.	.4	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	158.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	23.	.4	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	203.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	2.2	1.4	.1	.0	.2	.3	.0	.0	.0
10. NW mdblk	173.	2.4	.2	.3	.0	1.4	.1	.0	.0	.0
11. SW mdblk	8.	2.4	.4	.2	.0	.1	1.4	.0	.0	.0
12. NE mdblk	187.	2.4	.1	1.4	.0	.3	.2	.0	.0	.0
13. ES blk	274.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	129.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	128.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	232.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.4	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: Existing-11 (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. SE	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	1.5	.0	.0	.6	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.6	1.6	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.7	.0	.0	1.6	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.6	.6	.0	.0	.0	.0	.0

LONG BEACH HOME DEPOT

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

EXISTING WEEKEND BASELINE CONDITIONS

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

JOB: Long Beach Home Depot
RUN: E-Wknd-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	*	12	-150	12	0	*	AG	1159	7.5	.0	13.5
B. PCHNBD	*	12	0	12	150	*	AG	1689	7.5	.0	11.8
C. PCHNBL	*	9	-150	0	0	*	AG	353	7.5	.0	10.0
D. PCHSBA	*	-9	150	-9	0	*	AG	1207	7.5	.0	13.5
E. PCHSBD	*	-9	0	-9	-150	*	AG	1663	7.5	.0	11.8
F. PCHSBL	*	-5	150	0	0	*	AG	241	7.5	.0	10.0
G. 2nd St.EBA	*	-150	-14	0	-14	*	AG	1449	7.5	.0	17.0
H. 2nd St.EBD	*	0	-14	150	-14	*	AG	1549	7.5	.0	11.8
I. 2nd St.EBL	*	-150	-9	0	0	*	AG	512	7.5	.0	10.0
J. 2nd St.WBA	*	150	14	0	14	*	AG	1150	7.5	.0	17.0
K. 2nd St.WBD	*	0	14	-150	14	*	AG	1539	7.5	.0	13.5
L. 2nd St.WBL	*	150	9	0	0	*	AG	369	7.5	.0	10.0
M. PCHNBAX	*	12	-750	12	-150	*	AG	1512	7.5	.0	13.5
N. PCHNBDX	*	12	150	12	750	*	AG	1689	7.5	.0	11.8
O. PCHSBAX	*	-9	750	-9	150	*	AG	1448	7.5	.0	13.5
P. PCHSBDX	*	-9	-150	-9	-750	*	AG	1663	7.5	.0	11.8
Q. 2nd St.EBAX	*	-750	-14	-150	-14	*	AG	1961	7.5	.0	17.0
R. 2nd St.EBDX	*	150	-14	750	-14	*	AG	1549	7.5	.0	11.8
S. 2nd St.WBAX	*	750	14	150	14	*	AG	1519	7.5	.0	17.0
T. 2nd St.WBDX	*	-150	14	-750	14	*	AG	1539	7.5	.0	13.5

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

JOB: Long Beach Home Depot
RUN: E-Wknd-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-21	1.8
2. NW	-17	22	1.8
3. SW	-16	-24	1.8
4. NE	20	24	1.8
5. ES mdblk	150	-21	1.8
6. WN mdblk	-150	22	1.8
7. WS mdblk	-150	-24	1.8
8. EN mdblk	150	24	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-16	-150	1.8
12. NE mdblk	20	150	1.8
13. ES blk	600	-21	1.8
14. WN blk	-600	22	1.8
15. WS blk	-600	-24	1.8
16. EN blk	600	24	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-16	-600	1.8
20. NE blk	20	600	1.8

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

JOB: Long Beach Home Depot
RUN: E-Wknd-01 (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. SE	278.	3.4	.5	.0	.1	.0	.4	.0	1.0	.4
2. NW	172.	3.4	.2	.0	.1	.4	1.1	.0	.3	.0
3. SW	8.	3.4	.0	.3	.0	.8	.6	.1	.6	.0
4. NE	261.	3.3	.0	.8	.0	.3	.0	.0	.1	.0
5. ES mdblk	278.	2.8	.0	.0	.0	.0	.0	.0	.1	1.5
6. WN mdblk	99.	2.7	.0	.0	.0	.0	.0	.0	.1	.3
7. WS mdblk	81.	2.5	.0	.0	.0	.0	.0	.0	1.2	.1
8. EN mdblk	262.	2.4	.0	.1	.0	.0	.0	.0	.2	.0
9. SE mdblk	352.	2.5	1.1	.1	.2	.2	.2	.0	.0	.0
10. NW mdblk	172.	2.5	.2	.2	.0	1.1	.1	.1	.0	.0
11. SW mdblk	8.	2.9	.1	.3	.1	.1	1.6	.0	.0	.0
12. NE mdblk	188.	2.9	.1	1.6	.0	.2	.3	.0	.0	.0
13. ES blk	277.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	2.7	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	2.8	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.8	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-01 (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. SE	.2	.0	.1	.0	.0	.0	.0	.0	.3	.0	.0	.4
2. NW	.1	.0	.7	.0	.4	.0	.0	.2	.0	.0	.0	.0
3. SW	.1	.0	.3	.0	.0	.4	.2	.0	.0	.0	.0	.0
4. NE	.0	.3	1.0	.0	.0	.0	.0	.0	.5	.0	.0	.2
5. ES mdblk	.0	.0	.3	.0	.0	.0	.0	.0	.1	.0	.0	.2
6. WN mdblk	.1	.0	1.4	.0	.0	.0	.0	.0	.0	.2	.0	.0
7. WS mdblk	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	.1	1.0	.2	.1	.0	.0	.0	.0	.3	.0	.0	.1
9. SE mdblk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.4	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	1.6
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0	.0	.4
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.5	.0
17. SE blk	.0	.0	.0	.0	1.6	.0	.0	.6	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.5	1.5	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.5	.0	.0	1.8	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.8	.5	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	9	-150	9	0	AG	963	5.9	.0	13.5
B. PCHNBD	9	0	9	150	AG	881	5.9	.0	10.0
C. PCHNBL	5	-150	0	0	AG	142	5.9	.0	10.0
D. PCHSBA	-11	150	-11	0	AG	1526	5.9	.0	17.0
E. PCHSBD	-11	0	-11	-150	AG	1868	5.9	.0	13.5
F. PCHSBL	-5	150	0	0	AG	27	5.9	.0	10.0
G. Loynes DrEBA	-150	-7	0	-7	AG	251	5.9	.0	10.0
H. Loynes DrEBD	0	-7	150	-7	AG	291	5.9	.0	10.0
I. Loynes DrEBL	-150	-5	0	0	AG	34	5.9	.0	10.0
J. Loynes DrWBA	150	9	0	9	AG	164	5.9	.0	13.5
K. Loynes DrWBD	0	9	-150	9	AG	294	5.9	.0	10.0
L. Loynes DrWBL	150	5	0	0	AG	227	5.9	.0	10.0
M. PCHNBAX	9	-750	9	-150	AG	1105	5.9	.0	13.5
N. PCHNBDX	9	150	9	750	AG	881	5.9	.0	10.0
O. PCHSBAX	-11	750	-11	150	AG	1553	5.9	.0	17.0
P. PCHSBDX	-11	-150	-11	-750	AG	1868	5.9	.0	13.5
Q. Loynes DrEBA	-750	-7	-150	-7	AG	285	5.9	.0	10.0
R. Loynes DrEBD	150	-7	750	-7	AG	291	5.9	.0	10.0
S. Loynes DrWBA	750	9	150	9	AG	391	5.9	.0	13.5
T. Loynes DrWBD	-150	9	-750	9	AG	294	5.9	.0	10.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-14	1.8
2. NW	-21	15	1.8
3. SW	-19	-14	1.8
4. NE	15	17	1.8
5. ES mdblk	150	-14	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	17	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-21	150	1.8
11. SW mdblk	-19	-150	1.8
12. NE mdblk	15	150	1.8
13. ES blk	600	-14	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	17	1.8
17. SE blk	17	-600	1.8
18. NW blk	-21	600	1.8
19. SW blk	-19	-600	1.8
20. NE blk	15	600	1.8

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

JOB: Long Beach Home Depot
RUN: E-Wknd-02 (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. SE	351.	1.5	.1	.5	.0	.2	.0	.0	.0	.1
2. NW	172.	1.9	.1	.0	.0	.2	.9	.0	.0	.0
3. SW	172.	1.9	.0	.0	.0	.0	1.3	.0	.0	.0
4. NE	188.	1.8	.6	.2	.0	.0	.3	.0	.0	.0
5. ES mdblk	277.	.7	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	97.	.7	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.7	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	262.	.7	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	1.6	.7	.0	.0	.2	.2	.0	.0	.0
10. NW mdblk	173.	1.7	.1	.0	.0	1.0	.2	.0	.0	.0
11. SW mdblk	8.	2.0	.1	.1	.0	.1	1.3	.0	.0	.0
12. NE mdblk	187.	1.6	.0	.7	.0	.2	.2	.0	.0	.0
13. ES blk	276.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.5	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-02 (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. SE	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
2. NW	.0	.0	.1	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.1	.0	.0	.4	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0
17. SE blk	.0	.0	.0	.0	.9	.0	.0	.5	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	1.2	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.3	.0	.0	1.5	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.8	.5	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	11	-150	11	0	AG	1272	5.9	.0	17.0
B. PCHNBD	11	0	11	150	AG	974	5.9	.0	13.5
C. PCHNBL	5	-150	0	0	AG	76	5.9	.0	10.0
D. PCHSBA	-9	150	-9	0	AG	1065	5.9	.0	13.5
E. PCHSBD	-9	0	-9	-150	AG	1586	5.9	.0	11.8
F. PCHSBL	-5	150	0	0	AG	46	5.9	.0	10.0
G. BellfloweEBA	-150	-9	0	-9	AG	256	5.9	.0	13.5
H. BellfloweEBD	0	-9	150	-9	AG	630	5.9	.0	10.0
I. BellfloweEBL	-150	-5	0	0	AG	55	5.9	.0	10.0
J. BellfloweWBA	150	11	0	11	AG	295	5.9	.0	15.3
K. BellfloweWBD	0	11	-150	11	AG	387	5.9	.0	11.8
L. BellfloweWBL	150	5	0	0	AG	512	5.9	.0	10.0
M. PCHNBAX	11	-750	11	-150	AG	1348	5.9	.0	17.0
N. PCHNBDX	11	150	11	750	AG	974	5.9	.0	13.5
O. PCHSBAX	-9	750	-9	150	AG	1111	5.9	.0	13.5
P. PCHSBDX	-9	-150	-9	-750	AG	1586	5.9	.0	11.8
Q. BellfloweEBA	-750	-9	-150	-9	AG	311	5.9	.0	13.5
R. BellfloweEBD	150	-9	750	-9	AG	630	5.9	.0	10.0
S. BellfloweWBA	750	11	150	11	AG	807	5.9	.0	15.3
T. BellfloweWBD	-150	11	-750	11	AG	387	5.9	.0	11.8

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

JOB: Long Beach Home Depot
RUN: E-Wknd-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-15	1.8
2. NW	-17	18	1.8
3. SW	-16	-17	1.8
4. NE	19	20	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	18	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	20	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-16	-150	1.8
12. NE mdblk	19	150	1.8
13. ES blk	600	-15	1.8
14. WN blk	-600	18	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	20	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-16	-600	1.8
20. NE blk	19	600	1.8

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

JOB: Long Beach Home Depot
RUN: E-Wknd-03 (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. SE	351.	1.6	.2	.5	.0	.1	.0	.0	.0	.2
2. NW	172.	1.9	.2	.0	.0	.2	.9	.0	.0	.0
3. SW	172.	1.9	.1	.0	.0	.0	1.2	.0	.0	.0
4. NE	187.	1.9	.7	.2	.0	.0	.2	.0	.0	.1
5. ES mdblk	278.	1.1	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	96.	.9	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.9	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	257.	.9	.0	.0	.0	.0	.1	.0	.0	.1
9. SE mdblk	352.	1.6	.8	.0	.0	.2	.1	.0	.0	.0
10. NW mdblk	173.	1.6	.2	.0	.0	.8	.1	.0	.0	.0
11. SW mdblk	8.	1.9	.2	.1	.0	.0	1.2	.0	.0	.0
12. NE mdblk	186.	1.5	.1	.7	.0	.0	.2	.0	.0	.0
13. ES blk	277.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.8	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.7	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.4	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-03 (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. SE	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0	.0
2. NW	.0	.0	.1	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
4. NE	.0	.1	.0	.1	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.3	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.4
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7	.0
17. SE blk	.0	.0	.0	.0	1.0	.0	.0	.4	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.3	.9	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.4	.0	.0	1.3	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.8	.3	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	9	-150	9	0	AG	786	6.6	.0	13.5
B. PCHNBD	9	0	9	150	AG	1194	6.6	.0	11.8
C. PCHNBL	5	-150	0	0	AG	171	6.6	.0	10.0
D. PCHSBA	-12	150	-12	0	AG	926	6.6	.0	13.5
E. PCHSBD	-12	0	-12	-150	AG	1117	6.6	.0	13.5
F. PCHSBL	-9	150	0	0	AG	482	6.6	.0	10.0
G. 7th St.EBA	-150	-5	0	-5	AG	1681	6.6	.0	13.5
H. 7th St.EBD	0	-5	150	-5	AG	1995	6.6	.0	11.8
I. 7th St.EBL	-150	-2	0	0	AG	0	6.6	.0	10.0
J. 7th St.WBA	150	5	0	5	AG	1610	6.6	.0	13.5
K. 7th St.WBD	0	5	-150	5	AG	1350	6.6	.0	10.0
L. 7th St.WBL	150	2	0	0	AG	0	6.6	.0	10.0
M. PCHNBAX	9	-750	9	-150	AG	957	6.6	.0	13.5
N. PCHNBDX	9	150	9	750	AG	1194	6.6	.0	11.8
O. PCHSBAX	-12	750	-12	150	AG	1408	6.6	.0	13.5
P. PCHSBDX	-12	-150	-12	-750	AG	1117	6.6	.0	13.5
Q. 7th St.EBAX	-750	-5	-150	-5	AG	1681	6.6	.0	13.5
R. 7th St.EBDX	150	-5	750	-5	AG	1995	6.6	.0	11.8
S. 7th St.WBAX	750	5	150	5	AG	1610	6.6	.0	13.5
T. 7th St.WBDX	-150	5	-750	5	AG	1350	6.6	.0	10.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-13	1.8
2. NW	-21	12	1.8
3. SW	-21	-14	1.8
4. NE	16	14	1.8
5. ES mdblk	150	-13	1.8
6. WN mdblk	-150	12	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-21	150	1.8
11. SW mdblk	-21	-150	1.8
12. NE mdblk	16	150	1.8
13. ES blk	600	-13	1.8
14. WN blk	-600	12	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	14	1.8
17. SE blk	17	-600	1.8
18. NW blk	-21	600	1.8
19. SW blk	-21	-600	1.8
20. NE blk	16	600	1.8

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

JOB: Long Beach Home Depot
RUN: E-Wknd-04 (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. SE	352.	2.9	.0	.8	.0	.1	.0	.1	.0	.8
2. NW	97.	3.2	.0	.2	.0	.4	.0	.1	.0	.5
3. SW	82.	3.1	.2	.0	.0	.0	.4	.0	.4	1.1
4. NE	262.	2.9	.0	.5	.0	.2	.0	.1	.5	.0
5. ES mdblk	278.	2.8	.0	.0	.0	.0	.0	.0	.1	1.6
6. WN mdblk	97.	2.5	.0	.0	.0	.0	.0	.0	.5	.2
7. WS mdblk	83.	2.5	.0	.0	.0	.0	.0	.0	1.3	.2
8. EN mdblk	262.	2.5	.0	.0	.0	.0	.0	.0	.2	.5
9. SE mdblk	353.	1.8	.7	.1	.0	.2	.0	.0	.0	.0
10. NW mdblk	171.	1.9	.1	.1	.0	.8	.0	.2	.0	.0
11. SW mdblk	7.	1.9	.0	.2	.0	.1	.9	.0	.0	.0
12. NE mdblk	188.	2.0	.0	1.0	.0	.1	.2	.1	.0	.0
13. ES blk	277.	2.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.0	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-04 (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. SE	.0	.4	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
2. NW	.0	1.0	.3	.0	.0	.0	.0	.0	.0	.4	.2	.0
3. SW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0
4. NE	.0	.3	.8	.0	.0	.0	.0	.0	.3	.0	.0	.2
5. ES mdblk	.0	.5	.2	.0	.0	.0	.0	.0	.1	.0	.0	.1
6. WN mdblk	.0	.1	1.2	.0	.0	.0	.0	.0	.0	.2	.1	.0
7. WS mdblk	.0	.2	.3	.0	.0	.0	.0	.0	.0	.1	.2	.0
8. EN mdblk	.0	1.3	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.7	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	1.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.6
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	1.5	.0
17. SE blk	.0	.0	.0	.0	.9	.0	.0	.3	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.4	1.3	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.3	.0	.0	1.1	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.2	.4	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	11	-150	11	0	AG	1549	7.5	.0	17.0
B. PCHNBD	11	0	11	150	AG	1719	7.5	.0	13.5
C. PCHNBL	5	-150	0	0	AG	130	7.5	.0	10.0
D. PCHSBA	-9	150	-9	0	AG	1899	7.5	.0	13.5
E. PCHSBD	-9	0	-9	-150	AG	1982	7.5	.0	10.0
F. PCHSBL	-5	150	0	0	AG	29	7.5	.0	10.0
G. StudebakeEBA	-150	-7	0	-7	AG	209	7.5	.0	10.0
H. StudebakeEBD	0	-7	150	-7	AG	79	7.5	.0	10.0
I. StudebakeEBL	-150	-5	0	0	AG	185	7.5	.0	10.0
J. StudebakeWBA	150	2	0	2	AG	54	7.5	.0	10.0
K. StudebakeWBD	0	2	-150	2	AG	335	7.5	.0	10.0
L. StudebakeWBL	150	2	0	0	AG	60	7.5	.0	10.0
M. PCHNBAX	11	-750	11	-150	AG	1679	7.5	.0	17.0
N. PCHNBDX	11	150	11	750	AG	1719	7.5	.0	13.5
O. PCHSBAX	-9	750	-9	150	AG	1928	7.5	.0	13.5
P. PCHSBDX	-9	-150	-9	-750	AG	1982	7.5	.0	10.0
Q. StudebakeEBA	-750	-7	-150	-7	AG	394	7.5	.0	10.0
R. StudebakeEBD	150	-7	750	-7	AG	79	7.5	.0	10.0
S. StudebakeWBA	750	2	150	2	AG	114	7.5	.0	10.0
T. StudebakeWBD	-150	2	-750	2	AG	335	7.5	.0	10.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-14	1.8
2. NW	-17	8	1.8
3. SW	-15	-14	1.8
4. NE	19	8	1.8
5. ES mdblk	150	-14	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	19	150	1.8
13. ES blk	600	-14	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	8	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-15	-600	1.8
20. NE blk	19	600	1.8

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

JOB: Long Beach Home Depot
RUN: E-Wknd-05 (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. SE	351.	2.4	.2	1.2	.0	.3	.0	.0	.0	.0
2. NW	171.	2.8	.3	.0	.0	.1	1.4	.0	.0	.0
3. SW	7.	3.2	.0	.3	.0	1.5	.3	.0	.1	.0
4. NE	352.	2.6	.0	1.5	.0	.2	.0	.0	.0	.0
5. ES mdblk	274.	.8	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	98.	1.0	.1	.0	.0	.0	.1	.0	.1	.0
7. WS mdblk	80.	1.0	.0	.1	.0	.1	.0	.0	.3	.0
8. EN mdblk	267.	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	2.4	1.3	.2	.0	.3	.2	.0	.0	.0
10. NW mdblk	172.	2.8	.3	.2	.0	1.7	.2	.0	.0	.0
11. SW mdblk	8.	3.0	.3	.3	.0	.1	1.8	.0	.0	.0
12. NE mdblk	188.	2.7	.2	1.5	.0	.2	.3	.0	.0	.0
13. ES blk	275.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	265.	.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	3.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.7	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-05 (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. SE	.0	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
2. NW	.0	.0	.2	.0	.4	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.1	.0	.0	.5	.3	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.3	.5	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.4
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
17. SE blk	.0	.0	.0	.0	1.6	.0	.0	.6	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.6	1.9	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.6	.0	.0	2.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.7	.7	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Bixby VilNBA	2	-150	2	0	AG	23	5.5	.0	10.0
B. Bixby VilNBD	2	0	2	150	AG	78	5.5	.0	10.0
C. Bixby VilNBL	2	-150	0	0	AG	28	5.5	.0	10.0
D. Bixby VilSBA	-4	150	-4	0	AG	67	5.5	.0	10.0
E. Bixby VilSBD	-4	0	-4	-150	AG	54	5.5	.0	10.0
F. Bixby VilSBL	-2	150	0	0	AG	27	5.5	.0	10.0
G. Loynes DrEBA	-150	-9	0	-9	AG	276	5.5	.0	13.5
H. Loynes DrEBD	0	-9	150	-9	AG	287	5.5	.0	10.0
I. Loynes DrEBL	-150	-5	0	0	AG	34	5.5	.0	10.0
J. Loynes DrWBA	150	7	0	7	AG	316	5.5	.0	10.0
K. Loynes DrWBD	0	7	-150	7	AG	366	5.5	.0	10.0
L. Loynes DrWBL	150	5	0	0	AG	14	5.5	.0	10.0
M. Bixby VilNBA	2	-750	2	-150	AG	51	5.5	.0	10.0
N. Bixby VilNBD	2	150	2	750	AG	78	5.5	.0	10.0
O. Bixby VilSBA	-4	750	-4	150	AG	94	5.5	.0	10.0
P. Bixby VilSBD	-4	-150	-4	-750	AG	54	5.5	.0	10.0
Q. Loynes DrEBA	-750	-9	-150	-9	AG	310	5.5	.0	13.5
R. Loynes DrEBD	150	-9	750	-9	AG	287	5.5	.0	10.0
S. Loynes DrWBA	750	7	150	7	AG	330	5.5	.0	10.0
T. Loynes DrWBD	-150	7	-750	7	AG	366	5.5	.0	10.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	8	-15	1.8
2. NW	-10	14	1.8
3. SW	-10	-17	1.8
4. NE	8	14	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	14	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	8	-150	1.8
10. NW mdblk	-10	150	1.8
11. SW mdblk	-10	-150	1.8
12. NE mdblk	8	150	1.8
13. ES blk	600	-15	1.8
14. WN blk	-600	14	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	14	1.8
17. SE blk	8	-600	1.8
18. NW blk	-10	600	1.8
19. SW blk	-10	-600	1.8
20. NE blk	8	600	1.8

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

JOB: Long Beach Home Depot
RUN: E-Wknd-06 (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. SE	276.	.5	.0	.0	.0	.0	.0	.0	.2	.0
2. NW	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	82.	.4	.0	.0	.0	.0	.0	.0	.0	.2
4. NE	263.	.6	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	276.	.5	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.5	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	264.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	355.	.2	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	4.	.2	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	355.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	4.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	185.	.2	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-06 (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. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
2. NW	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.4
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	7	-150	7	0	AG	1336	5.9	.0	10.0
B. StudebakeNBD	7	0	7	150	AG	1516	5.9	.0	10.0
C. StudebakeNBL	5	-150	0	0	AG	30	5.9	.0	10.0
D. StudebakeSBA	-5	150	-5	0	AG	1518	5.9	.0	13.5
E. StudebakeSBD	-5	0	-5	-150	AG	1393	5.9	.0	10.0
F. StudebakeSBL	-2	150	0	0	AG	0	5.9	.0	10.0
G. Loynes DrEBA	-150	-11	0	-11	AG	99	5.9	.0	10.0
H. Loynes DrEBD	0	-11	150	-11	AG	0	5.9	.0	10.0
I. Loynes DrEBL	-150	-9	0	0	AG	180	5.9	.0	10.0
J. Loynes DrWBA	150	0	0	0	AG	0	5.9	.0	10.0
K. Loynes DrWBD	0	0	-150	0	AG	254	5.9	.0	10.0
L. Loynes DrWBL	150	2	0	0	AG	0	5.9	.0	10.0
M. StudebakeNBA	7	-750	7	-150	AG	1366	5.9	.0	10.0
N. StudebakeNBD	7	150	7	750	AG	1516	5.9	.0	10.0
O. StudebakeSBA	-5	750	-5	150	AG	1518	5.9	.0	13.5
P. StudebakeSBD	-5	-150	-5	-750	AG	1393	5.9	.0	10.0
Q. Loynes DrEBA	-750	-11	-150	-11	AG	279	5.9	.0	10.0
R. Loynes DrEBD	150	-11	750	-11	AG	0	5.9	.0	10.0
S. Loynes DrWBA	750	0	150	0	AG	0	5.9	.0	10.0
T. Loynes DrWBD	-150	0	-750	0	AG	254	5.9	.0	10.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-17	1.8
2. NW	-14	7	1.8
3. SW	-12	-17	1.8
4. NE	14	7	1.8
5. ES mdblk	150	-17	1.8
6. WN mdblk	-150	7	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	7	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-12	-150	1.8
12. NE mdblk	14	150	1.8
13. ES blk	600	-17	1.8
14. WN blk	-600	7	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	7	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-12	-600	1.8
20. NE blk	14	600	1.8

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

JOB: Long Beach Home Depot
RUN: E-Wknd-07 (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. SE	353.	1.9	.2	.9	.0	.4	.0	.0	.0	.0
2. NW	8.	1.8	.0	.3	.0	1.1	.0	.0	.0	.0
3. SW	7.	2.1	.0	.3	.0	.9	.3	.0	.0	.0
4. NE	353.	2.0	.0	1.1	.0	.3	.0	.0	.0	.0
5. ES mdblk	273.	.4	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	101.	.6	.0	.0	.0	.0	.1	.0	.0	.0
7. WS mdblk	77.	.6	.0	.1	.0	.1	.0	.0	.0	.0
8. EN mdblk	268.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	1.9	1.0	.1	.0	.2	.3	.0	.0	.0
10. NW mdblk	173.	1.9	.2	.2	.0	1.1	.1	.0	.0	.0
11. SW mdblk	7.	1.9	.3	.2	.0	.1	1.1	.0	.0	.0
12. NE mdblk	188.	2.0	.0	1.2	.0	.4	.2	.0	.0	.0
13. ES blk	271.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	270.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.1	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-07 (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. SE	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	1.2	.0	.0	.5	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.5	1.2	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.5	.0	.0	1.2	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.3	.6	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-120	5	0	AG	1510	5.5	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	508	5.5	.0	10.0
C. StudebakeNBL	2	-120	0	0	AG	0	5.5	.0	10.0
D. StudebakeSBA	-7	120	-7	0	AG	1421	5.5	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	1434	5.5	.0	10.0
F. StudebakeSBL	-5	120	0	0	AG	148	5.5	.0	10.0
G. SR-22 EB EBA	-120	0	0	0	AG	0	5.5	.0	10.0
H. SR-22 EB EBD	0	0	150	0	AG	1192	5.5	.0	10.0
I. SR-22 EB EBL	-120	-2	0	0	AG	0	5.5	.0	10.0
J. SR-22 EB WBA	120	9	0	9	AG	42	5.5	.0	10.0
K. SR-22 EB WBD	0	9	-150	9	AG	0	5.5	.0	10.0
L. SR-22 EB WBL	120	9	0	0	AG	13	5.5	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	1510	5.5	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	508	5.5	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	1569	5.5	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	1434	5.5	.0	10.0
Q. SR-22 EB EBA	-750	0	-150	0	AG	0	5.5	.0	10.0
R. SR-22 EB EBD	150	0	750	0	AG	1192	5.5	.0	10.0
S. SR-22 EB WBA	750	9	150	9	AG	55	5.5	.0	10.0
T. SR-22 EB WBD	-150	9	-750	9	AG	0	5.5	.0	10.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	15	1.8
3. SW	-14	-7	1.8
4. NE	12	15	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	15	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	15	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: E-Wknd-08 (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. SE	188.	1.6	.9	.0	.0	.0	.2	.0	.0	.0
2. NW	173.	1.7	.3	.0	.0	.2	.8	.0	.0	.0
3. SW	85.	1.8	.3	.0	.0	.0	.5	.0	.0	.7
4. NE	186.	1.9	.8	.0	.0	.0	.2	.0	.0	.3
5. ES mdblk	280.	1.1	.0	.0	.0	.0	.0	.0	.0	.9
6. WN mdblk	93.	.5	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	89.	.5	.0	.0	.0	.0	.0	.0	.0	.1
8. EN mdblk	255.	.7	.1	.0	.0	.0	.0	.0	.0	.4
9. SE mdblk	188.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	7.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	172.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	186.	1.2	.1	.4	.0	.2	.2	.0	.0	.0
13. ES blk	277.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	92.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	90.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.1	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-08 (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. SE	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
4. NE	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	1.2	.0	.0	.5	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.2	1.3	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.6	.0	.0	1.2	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0
17. SE blk	.0	.0	.0	.0	1.2	.0	.0	.4	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	1.2	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.5	.0	.0	1.2	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.5	.5	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	15	1.8
3. SW	-14	-7	1.8
4. NE	12	15	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	15	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	15	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: E-Wknd-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-150	5	0	AG	502	5.9	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	466	5.9	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	5.9	.0	10.0
D. StudebakeSBA	-7	150	-7	0	AG	706	5.9	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	1592	5.9	.0	10.0
F. StudebakeSBL	-5	150	0	0	AG	56	5.9	.0	10.0
G. SR-22 WB EBA	-150	0	0	0	AG	0	5.9	.0	10.0
H. SR-22 WB EBD	0	0	150	0	AG	93	5.9	.0	10.0
I. SR-22 WB EBL	-150	-2	0	0	AG	0	5.9	.0	10.0
J. SR-22 WB WBA	150	9	0	9	AG	1	5.9	.0	10.0
K. SR-22 WB WBD	0	9	-150	9	AG	0	5.9	.0	10.0
L. SR-22 WB WBL	150	9	0	0	AG	886	5.9	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	502	5.9	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	466	5.9	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	762	5.9	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	1592	5.9	.0	10.0
Q. SR-22 WB EBA	-750	0	-150	0	AG	0	5.9	.0	10.0
R. SR-22 WB EBD	150	0	750	0	AG	93	5.9	.0	10.0
S. SR-22 WB WBA	750	9	150	9	AG	887	5.9	.0	10.0
T. SR-22 WB WBD	-150	9	-750	9	AG	0	5.9	.0	10.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-09 (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. SE	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
4. NE	.0	.0	.0	.2	.0	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0
7. WS mdblk	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.5	.0	.0	.6	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0
17. SE blk	.0	.0	.0	.0	.5	.0	.0	.5	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.7	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.0	.0	1.3	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.5	.3	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-09 (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. SE	352.	1.1	.0	.3	.0	.2	.0	.0	.0	.0
2. NW	174.	1.5	.1	.0	.0	.0	.9	.0	.0	.0
3. SW	173.	1.6	.1	.0	.0	.0	1.2	.0	.0	.0
4. NE	187.	1.4	.4	.0	.0	.0	.3	.0	.0	.0
5. ES mdblk	281.	.6	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	93.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	88.	.4	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	257.	1.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	188.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	174.	1.2	.0	.0	.0	.6	.1	.0	.0	.0
11. SW mdblk	8.	1.6	.1	.0	.0	.0	1.2	.0	.0	.0
12. NE mdblk	186.	1.0	.0	.4	.0	.1	.2	.0	.0	.0
13. ES blk	277.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	92.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	90.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.9	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-10 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	0	-150	0	0	AG	0	6.6	.0	10.0
B. StudebakeNBD	0	0	0	150	AG	1547	6.6	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	6.6	.0	10.0
D. StudebakeSBA	-11	150	-11	0	AG	1054	6.6	.0	10.0
E. StudebakeSBD	-11	0	-11	-150	AG	0	6.6	.0	10.0
F. StudebakeSBL	-9	150	0	0	AG	323	6.6	.0	10.0
G. 2nd St.EBA	-150	-11	0	-11	AG	302	6.6	.0	10.0
H. 2nd St.EBD	0	-11	150	-11	AG	625	6.6	.0	10.0
I. 2nd St.EBL	-150	-9	0	0	AG	1343	6.6	.0	10.0
J. 2nd St.WBA	150	5	0	5	AG	624	6.6	.0	13.5
K. 2nd St.WBD	0	5	-150	5	AG	1474	6.6	.0	10.0
L. 2nd St.WBL	150	2	0	0	AG	0	6.6	.0	10.0
M. StudebakeNBA	0	-750	0	-150	AG	0	6.6	.0	10.0
N. StudebakeNBD	0	150	0	750	AG	1547	6.6	.0	10.0
O. StudebakeSBA	-11	750	-11	150	AG	1377	6.6	.0	10.0
P. StudebakeSBD	-11	-150	-11	-750	AG	0	6.6	.0	10.0
Q. 2nd St.EBAX	-750	-11	-150	-11	AG	1645	6.6	.0	10.0
R. 2nd St.EBDX	150	-11	750	-11	AG	625	6.6	.0	10.0
S. 2nd St.WBAX	750	5	150	5	AG	624	6.6	.0	13.5
T. 2nd St.WBDX	-150	5	-750	5	AG	1474	6.6	.0	10.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-10 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	7	-17	1.8
2. NW	-17	12	1.8
3. SW	-17	-17	1.8
4. NE	7	14	1.8
5. ES mdblk	150	-17	1.8
6. WN mdblk	-150	12	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	7	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-17	-150	1.8
12. NE mdblk	7	150	1.8
13. ES blk	600	-17	1.8
14. WN blk	-600	12	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	14	1.8
17. SE blk	7	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-17	-600	1.8
20. NE blk	7	600	1.8

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

JOB: Long Beach Home Depot
RUN: E-Wknd-10 (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. SE	354.	2.5	.0	1.0	.0	.3	.0	.3	.0	.3
2. NW	262.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	6.	2.6	.0	.4	.0	.7	.0	.1	.1	.0
4. NE	261.	3.0	.0	.6	.0	.3	.0	.1	.0	.0
5. ES mdblk	277.	1.5	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mdblk	98.	2.1	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	278.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	265.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	357.	1.0	.0	.2	.0	.2	.0	.0	.0	.0
10. NW mdblk	8.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	2.	1.0	.0	.2	.0	.2	.0	.0	.0	.0
12. NE mdblk	193.	2.2	.0	1.3	.0	.4	.0	.2	.0	.0
13. ES blk	277.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	358.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	360.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.3	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-10 (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. SE	*	.0	.1	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
2. NW	*	.4	.0	1.2	.0	.0	.0	.0	.0	.4	.0	.0	.2
3. SW	*	.4	.0	.3	.0	.0	.3	.2	.0	.0	.0	.0	.0
4. NE	*	.5	.0	1.0	.0	.0	.0	.0	.0	.3	.0	.0	.1
5. ES mdblk	*	.2	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.2
6. WN mdblk	*	.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.6
8. EN mdblk	*	.2	.5	.2	.0	.0	.0	.0	.0	.2	.0	.0	.2
9. SE mdblk	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.7	1.4	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
12. NE mdblk	*	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.3	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	1.4
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.5
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6	.0
17. SE blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.6	1.3	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.5	.6	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-11 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-150	5	0	AG	1531	5.5	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	1531	5.5	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	5.5	.0	10.0
D. StudebakeSBA	-7	150	-7	0	AG	1525	5.5	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	1525	5.5	.0	10.0
F. StudebakeSBL	-5	150	0	0	AG	1	5.5	.0	10.0
G. AES PlantEBA	-150	0	0	0	AG	0	5.5	.0	10.0
H. AES PlantEBD	0	0	150	0	AG	1	5.5	.0	10.0
I. AES PlantEBL	-150	-2	0	0	AG	0	5.5	.0	10.0
J. AES PlantWBA	150	2	0	2	AG	0	5.5	.0	10.0
K. AES PlantWBD	0	2	-150	2	AG	0	5.5	.0	10.0
L. AES PlantWBL	150	2	0	0	AG	0	5.5	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	1531	5.5	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	1531	5.5	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	1526	5.5	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	1525	5.5	.0	10.0
Q. AES PlantEBA	-750	0	-150	0	AG	0	5.5	.0	10.0
R. AES PlantEBD	150	0	750	0	AG	1	5.5	.0	10.0
S. AES PlantWBA	750	2	150	2	AG	0	5.5	.0	10.0
T. AES PlantWBD	-150	2	-750	2	AG	0	5.5	.0	10.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-11 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	8	1.8
3. SW	-14	-7	1.8
4. NE	12	8	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	8	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: E-Wknd-11 (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. SE	188.	1.7	1.0	.0	.0	.0	.2	.0	.0	.0
2. NW	173.	1.8	.3	.0	.0	.0	1.0	.0	.0	.0
3. SW	173.	1.8	.3	.0	.0	.0	1.0	.0	.0	.0
4. NE	353.	1.8	.0	1.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	337.	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	158.	.3	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	23.	.3	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	203.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	1.7	1.0	.0	.0	.2	.3	.0	.0	.0
10. NW mdblk	173.	1.8	.2	.3	.0	1.1	.1	.0	.0	.0
11. SW mdblk	7.	1.9	.3	.2	.0	.1	1.1	.0	.0	.0
12. NE mdblk	187.	1.8	.1	1.1	.0	.3	.2	.0	.0	.0
13. ES blk	232.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	129.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	128.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	232.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.9	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: E-Wknd-11 (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. SE	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	1.2	.0	.0	.5	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.5	1.2	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.5	.0	.0	1.2	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.2	.5	.0	.0	.0	.0	.0

LONG BEACH HOME DEPOT

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

OPENING YEAR (YEAR 2006) WEEKDAY BASELINE

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

JOB: Long Beach Home Depot
RUN: 2006nP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	*	12	-150	12	0	*	AG	1662	7.4	.0	13.5
B. PCHNBD	*	12	0	12	150	*	AG	2061	7.4	.0	11.8
C. PCHNBL	*	9	-150	0	0	*	AG	391	7.4	.0	10.0
D. PCHSBA	*	-9	150	-9	0	*	AG	1950	7.4	.0	13.5
E. PCHSBD	*	-9	0	-9	-150	*	AG	2352	7.4	.0	11.8
F. PCHSBL	*	-5	150	0	0	*	AG	253	7.4	.0	10.0
G. 2nd St.EBA	*	-150	-14	0	-14	*	AG	1844	7.4	.0	17.0
H. 2nd St.EBD	*	0	-14	150	-14	*	AG	2079	7.4	.0	11.8
I. 2nd St.EBL	*	-150	-9	0	0	*	AG	509	7.4	.0	10.0
J. 2nd St.WBA	*	150	14	0	14	*	AG	1325	7.4	.0	17.0
K. 2nd St.WBD	*	0	14	-150	14	*	AG	1857	7.4	.0	13.5
L. 2nd St.WBL	*	150	9	0	0	*	AG	415	7.4	.0	10.0
M. PCHNBAX	*	12	-750	12	-150	*	AG	2053	7.4	.0	13.5
N. PCHNBDX	*	12	150	12	750	*	AG	2061	7.4	.0	11.8
O. PCHSBAX	*	-9	750	-9	150	*	AG	2203	7.4	.0	13.5
P. PCHSBDX	*	-9	-150	-9	-750	*	AG	2352	7.4	.0	11.8
Q. 2nd St.EBAX	*	-750	-14	-150	-14	*	AG	2353	7.4	.0	17.0
R. 2nd St.EBDX	*	150	-14	750	-14	*	AG	2079	7.4	.0	11.8
S. 2nd St.WBAX	*	750	14	150	14	*	AG	1740	7.4	.0	17.0
T. 2nd St.WBDX	*	-150	14	-750	14	*	AG	1857	7.4	.0	13.5

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

JOB: Long Beach Home Depot
RUN: 2006nP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-21	1.8
2. NW	-17	22	1.8
3. SW	-16	-24	1.8
4. NE	20	24	1.8
5. ES mdblk	150	-21	1.8
6. WN mdblk	-150	22	1.8
7. WS mdblk	-150	-24	1.8
8. EN mdblk	150	24	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-16	-150	1.8
12. NE mdblk	20	150	1.8
13. ES blk	600	-21	1.8
14. WN blk	-600	22	1.8
15. WS blk	-600	-24	1.8
16. EN blk	600	24	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-16	-600	1.8
20. NE blk	20	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nP-01 (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. SE	278.	4.1	.7	.0	.1	.0	.5	.0	1.2	.6
2. NW	171.	4.3	.3	.0	.2	.6	1.3	.0	.4	.0
3. SW	8.	4.3	.0	.3	.0	1.2	.8	.1	.8	.0
4. NE	188.	4.0	1.0	.7	.2	.0	.3	.0	.0	.4
5. ES mdblk	278.	3.4	.0	.0	.0	.0	.0	.0	.2	1.8
6. WN mdblk	99.	3.1	.0	.0	.0	.0	.1	.0	.1	.3
7. WS mdblk	81.	3.0	.0	.0	.0	.0	.1	.0	1.5	.2
8. EN mdblk	262.	2.7	.0	.1	.0	.0	.0	.0	.3	.0
9. SE mdblk	352.	3.2	1.5	.2	.2	.3	.2	.0	.0	.1
10. NW mdblk	172.	3.3	.3	.2	.0	1.7	.2	.1	.0	.1
11. SW mdblk	8.	3.7	.2	.3	.1	.2	2.1	.0	.0	.1
12. NE mdblk	188.	3.5	.1	1.9	.0	.2	.3	.0	.1	.0
13. ES blk	278.	3.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	3.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	3.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	2.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	3.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	3.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	3.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	3.3	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-01 (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. SE	.2	.0	.1	.0	.0	.0	.0	.0	.3	.0	.0	.5
2. NW	.1	.0	.8	.0	.4	.0	.0	.2	.0	.0	.0	.0
3. SW	.1	.0	.3	.0	.0	.4	.2	.0	.0	.0	.0	.0
4. NE	.0	.6	.0	.1	.2	.0	.0	.5	.0	.0	.0	.0
5. ES mdblk	.0	.0	.3	.0	.0	.0	.0	.0	.2	.0	.0	.2
6. WN mdblk	.1	.1	1.6	.0	.0	.0	.0	.0	.0	.2	.1	.0
7. WS mdblk	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0
8. EN mdblk	.1	1.1	.2	.1	.0	.0	.0	.0	.3	.0	.0	.1
9. SE mdblk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	.5	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	1.8
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	2.1	.0	.0	.5
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.6	.0
17. SE blk	.0	.0	.0	.0	2.0	.0	.0	.7	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.6	2.1	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.7	.0	.0	2.3	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	2.1	.7	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	9	-150	9	0	AG	1654	5.6	.0	13.5
B. PCHNBD	9	0	9	150	AG	1606	5.6	.0	10.0
C. PCHNBL	5	-150	0	0	AG	172	5.6	.0	10.0
D. PCHSBA	-11	150	-11	0	AG	1874	5.6	.0	17.0
E. PCHSBD	-11	0	-11	-150	AG	2147	5.6	.0	13.5
F. PCHSBL	-5	150	0	0	AG	48	5.6	.0	10.0
G. Loynes DrEBA	-150	-7	0	-7	AG	318	5.6	.0	10.0
H. Loynes DrEBD	0	-7	150	-7	AG	388	5.6	.0	10.0
I. Loynes DrEBL	-150	-5	0	0	AG	32	5.6	.0	10.0
J. Loynes DrWBA	150	9	0	9	AG	382	5.6	.0	13.5
K. Loynes DrWBD	0	9	-150	9	AG	535	5.6	.0	10.0
L. Loynes DrWBL	150	5	0	0	AG	196	5.6	.0	10.0
M. PCHNBAX	9	-750	9	-150	AG	1826	5.6	.0	13.5
N. PCHNBDX	9	150	9	750	AG	1606	5.6	.0	10.0
O. PCHSBAX	-11	750	-11	150	AG	1922	5.6	.0	17.0
P. PCHSBDX	-11	-150	-11	-750	AG	2147	5.6	.0	13.5
Q. Loynes DrEBA	-750	-7	-150	-7	AG	350	5.6	.0	10.0
R. Loynes DrEBD	150	-7	750	-7	AG	388	5.6	.0	10.0
S. Loynes DrWBA	750	9	150	9	AG	578	5.6	.0	13.5
T. Loynes DrWBD	-150	9	-750	9	AG	535	5.6	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-14	1.8
2. NW	-21	15	1.8
3. SW	-19	-14	1.8
4. NE	15	17	1.8
5. ES mdblk	150	-14	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	17	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-21	150	1.8
11. SW mdblk	-19	-150	1.8
12. NE mdblk	15	150	1.8
13. ES blk	600	-14	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	17	1.8
17. SE blk	17	-600	1.8
18. NW blk	-21	600	1.8
19. SW blk	-19	-600	1.8
20. NE blk	15	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nP-02 (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. SE	351.	2.1	.2	.9	.0	.3	.0	.0	.0	.1
2. NW	171.	2.2	.2	.0	.0	.2	1.0	.0	.0	.0
3. SW	172.	2.2	.1	.0	.0	.0	1.3	.0	.0	.0
4. NE	187.	2.4	.9	.3	.0	.0	.2	.0	.0	.0
5. ES mdblk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	97.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.9	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	262.	.9	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	2.1	1.1	.1	.0	.2	.2	.0	.0	.0
10. NW mdblk	172.	2.0	.2	.1	.0	1.1	.2	.0	.0	.0
11. SW mdblk	8.	2.2	.2	.2	.0	.1	1.4	.0	.0	.0
12. NE mdblk	188.	2.1	.1	1.2	.0	.2	.2	.0	.0	.0
13. ES blk	277.	.8	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.9	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.1	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
	CONC/LINK (PPM)											
1. SE	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
2. NW	.0	.0	.2	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.4	.0	.0	.3	.0	.0	.0	.0
4. NE	.0	.1	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.5
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.0
17. SE blk	.0	.0	.0	.0	1.4	.0	.0	.5	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.4	1.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.5	.0	.0	1.6	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.3	.5	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	*	11	-150	11	0	*	AG	1598	5.6	.0	17.0
B. PCHNBD	*	11	0	11	150	*	AG	1223	5.6	.0	13.5
C. PCHNBL	*	5	-150	0	0	*	AG	137	5.6	.0	10.0
D. PCHSBA	*	-9	150	-9	0	*	AG	1359	5.6	.0	13.5
E. PCHSBD	*	-9	0	-9	-150	*	AG	1811	5.6	.0	11.8
F. PCHSBL	*	-5	150	0	0	*	AG	101	5.6	.0	10.0
G. BellfloweEBA	*	-150	-9	0	-9	*	AG	333	5.6	.0	13.5
H. BellfloweEBD	*	0	-9	150	-9	*	AG	850	5.6	.0	10.0
I. BellfloweEBL	*	-150	-5	0	0	*	AG	46	5.6	.0	10.0
J. BellfloweWBA	*	150	11	0	11	*	AG	366	5.6	.0	15.3
K. BellfloweWBD	*	0	11	-150	11	*	AG	574	5.6	.0	11.8
L. BellfloweWBL	*	150	5	0	0	*	AG	518	5.6	.0	10.0
M. PCHNBAX	*	11	-750	11	-150	*	AG	1735	5.6	.0	17.0
N. PCHNBDX	*	11	150	11	750	*	AG	1223	5.6	.0	13.5
O. PCHSBAX	*	-9	750	-9	150	*	AG	1460	5.6	.0	13.5
P. PCHSBDX	*	-9	-150	-9	-750	*	AG	1811	5.6	.0	11.8
Q. BellfloweEBA	*	-750	-9	-150	-9	*	AG	379	5.6	.0	13.5
R. BellfloweEBD	*	150	-9	750	-9	*	AG	850	5.6	.0	10.0
S. BellfloweWBA	*	750	11	150	11	*	AG	884	5.6	.0	15.3
T. BellfloweWBD	*	-150	11	-750	11	*	AG	574	5.6	.0	11.8

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

JOB: Long Beach Home Depot
RUN: 2006nP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-15	1.8
2. NW	-17	18	1.8
3. SW	-16	-17	1.8
4. NE	19	20	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	18	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	20	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-16	-150	1.8
12. NE mdblk	19	150	1.8
13. ES blk	600	-15	1.8
14. WN blk	-600	18	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	20	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-16	-600	1.8
20. NE blk	19	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nP-03 (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. SE	351.	1.9	.2	.6	.0	.2	.0	.0	.0	.3
2. NW	172.	2.2	.2	.0	.0	.2	.9	.0	.0	.0
3. SW	172.	2.0	.1	.0	.0	.0	1.2	.0	.0	.0
4. NE	187.	2.2	.8	.2	.0	.0	.2	.0	.0	.1
5. ES mdblk	278.	1.3	.0	.0	.0	.0	.0	.0	.0	.7
6. WN mdblk	97.	1.1	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	84.	1.0	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	257.	1.0	.1	.0	.0	.0	.1	.0	.0	.2
9. SE mdblk	352.	1.8	1.0	.1	.0	.2	.1	.0	.0	.0
10. NW mdblk	173.	1.9	.2	.1	.0	.9	.1	.0	.0	.0
11. SW mdblk	8.	2.1	.2	.2	.0	.0	1.3	.0	.0	.0
12. NE mdblk	187.	1.7	.1	.8	.0	.1	.2	.0	.0	.0
13. ES blk	277.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.9	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.6	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-03 (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. SE	*	.0	.0	.0	.1	.0	.1	.3	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.2	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	*	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
4. NE	*	.0	.1	.0	.1	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	*	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.3	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.5
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7	.0
17. SE blk	*	.0	.0	.0	.0	1.2	.0	.0	.4	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	1.1	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.5	.0	.0	1.4	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.0	.4	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	*	9	-150	9	0	*	AG	1030	7.4	.0	13.5
B. PCHNBD	*	9	0	9	150	*	AG	1479	7.4	.0	11.8
C. PCHNBL	*	5	-150	0	0	*	AG	260	7.4	.0	10.0
D. PCHSBA	*	-12	150	-12	0	*	AG	1266	7.4	.0	13.5
E. PCHSBD	*	-12	0	-12	-150	*	AG	1515	7.4	.0	13.5
F. PCHSBL	*	-9	150	0	0	*	AG	669	7.4	.0	10.0
G. 7th St.EBA	*	-150	-5	0	-5	*	AG	2401	7.4	.0	13.5
H. 7th St.EBD	*	0	-5	150	-5	*	AG	2821	7.4	.0	11.8
I. 7th St.EBL	*	-150	-2	0	0	*	AG	0	7.4	.0	10.0
J. 7th St.WBA	*	150	5	0	5	*	AG	2623	7.4	.0	13.5
K. 7th St.WBD	*	0	5	-150	5	*	AG	2434	7.4	.0	10.0
L. 7th St.WBL	*	150	2	0	0	*	AG	0	7.4	.0	10.0
M. PCHNBAX	*	9	-750	9	-150	*	AG	1290	7.4	.0	13.5
N. PCHNBDX	*	9	150	9	750	*	AG	1479	7.4	.0	11.8
O. PCHSBAX	*	-12	750	-12	150	*	AG	1935	7.4	.0	13.5
P. PCHSBDX	*	-12	-150	-12	-750	*	AG	1515	7.4	.0	13.5
Q. 7th St.EBAX	*	-750	-5	-150	-5	*	AG	2401	7.4	.0	13.5
R. 7th St.EBDX	*	150	-5	750	-5	*	AG	2821	7.4	.0	11.8
S. 7th St.WBAX	*	750	5	150	5	*	AG	2623	7.4	.0	13.5
T. 7th St.WBDX	*	-150	5	-750	5	*	AG	2434	7.4	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-13	1.8
2. NW	-21	12	1.8
3. SW	-21	-14	1.8
4. NE	16	14	1.8
5. ES mdblk	150	-13	1.8
6. WN mdblk	-150	12	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-21	150	1.8
11. SW mdblk	-21	-150	1.8
12. NE mdblk	16	150	1.8
13. ES blk	600	-13	1.8
14. WN blk	-600	12	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	14	1.8
17. SE blk	17	-600	1.8
18. NW blk	-21	600	1.8
19. SW blk	-21	-600	1.8
20. NE blk	16	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nP-04 (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. SE	278.	4.5	.5	.0	.0	.0	.3	.0	1.6	.7
2. NW	97.	4.9	.0	.3	.0	.6	.0	.2	.0	.8
3. SW	82.	4.7	.2	.0	.0	.0	.7	.0	.6	1.6
4. NE	261.	4.6	.0	.7	.0	.3	.0	.2	.7	.0
5. ES mdblk	278.	4.3	.0	.1	.0	.0	.0	.0	.2	2.4
6. WN mdblk	97.	4.0	.0	.0	.0	.0	.1	.0	.7	.3
7. WS mdblk	83.	3.8	.0	.0	.0	.0	.0	.0	2.0	.2
8. EN mdblk	262.	4.0	.0	.0	.0	.0	.1	.0	.3	.7
9. SE mdblk	353.	2.5	.9	.2	.1	.2	.1	.1	.1	.1
10. NW mdblk	171.	2.7	.2	.2	.0	1.2	.1	.3	.0	.1
11. SW mdblk	8.	2.8	.1	.2	.0	.1	1.4	.1	.1	.1
12. NE mdblk	188.	2.9	.0	1.4	.0	.2	.3	.2	.1	.0
13. ES blk	278.	4.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	3.9	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	3.7	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	4.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.9	.0	.0	.0	.0	.0	.0	.0	.1
19. SW blk	7.	2.5	.0	.0	.0	.0	.0	.0	.0	.1
20. NE blk	188.	2.7	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-04 (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. SE	*	.0	.0	.6	.0	.0	.0	.0	.0	.3	.0	.0	.4
2. NW	*	.0	1.6	.7	.0	.0	.0	.0	.0	.0	.5	.3	.0
3. SW	*	.0	.7	.0	.0	.0	.0	.0	.0	.0	.3	.4	.0
4. NE	*	.0	.6	1.5	.0	.0	.0	.0	.0	.4	.0	.0	.2
5. ES mdblk	*	.0	.7	.3	.0	.0	.0	.0	.0	.1	.0	.0	.2
6. WN mdblk	*	.0	.2	2.1	.0	.0	.0	.0	.0	.0	.2	.2	.0
7. WS mdblk	*	.0	.4	.5	.0	.0	.0	.0	.0	.0	.2	.3	.0
8. EN mdblk	*	.0	2.2	.2	.0	.0	.0	.0	.0	.2	.0	.0	.1
9. SE mdblk	*	.0	.0	.1	.0	.0	.1	.3	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.1	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	1.1	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	2.3
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	2.3	.0	.0	.9
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.5	.0
17. SE blk	*	.0	.0	.0	.0	1.4	.0	.0	.5	.0	.0	.0	.0
18. NW blk	*	.0	.1	.0	.0	.0	.5	1.9	.0	.0	.0	.0	.0
19. SW blk	*	.0	.1	.0	.0	.4	.0	.0	1.6	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.6	.6	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	11	-150	11	0	AG	1599	7.4	.0	17.0
B. PCHNBD	11	0	11	150	AG	2009	7.4	.0	13.5
C. PCHNBL	5	-150	0	0	AG	151	7.4	.0	10.0
D. PCHSBA	-9	150	-9	0	AG	2016	7.4	.0	13.5
E. PCHSBD	-9	0	-9	-150	AG	2420	7.4	.0	10.0
F. PCHSBL	-5	150	0	0	AG	224	7.4	.0	10.0
G. StudebakeEBA	-150	-7	0	-7	AG	400	7.4	.0	10.0
H. StudebakeEBD	0	-7	150	-7	AG	266	7.4	.0	10.0
I. StudebakeEBL	-150	-5	0	0	AG	199	7.4	.0	10.0
J. StudebakeWBA	150	2	0	2	AG	273	7.4	.0	10.0
K. StudebakeWBD	0	2	-150	2	AG	252	7.4	.0	10.0
L. StudebakeWBL	150	2	0	0	AG	85	7.4	.0	10.0
M. PCHNBAX	11	-750	11	-150	AG	1750	7.4	.0	17.0
N. PCHNBDX	11	150	11	750	AG	2009	7.4	.0	13.5
O. PCHSBAX	-9	750	-9	150	AG	2240	7.4	.0	13.5
P. PCHSBDX	-9	-150	-9	-750	AG	2420	7.4	.0	10.0
Q. StudebakeEBA	-750	-7	-150	-7	AG	599	7.4	.0	10.0
R. StudebakeEBD	150	-7	750	-7	AG	266	7.4	.0	10.0
S. StudebakeWBA	750	2	150	2	AG	358	7.4	.0	10.0
T. StudebakeWBD	-150	2	-750	2	AG	252	7.4	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-14	1.8
2. NW	-17	8	1.8
3. SW	-15	-14	1.8
4. NE	19	8	1.8
5. ES mdblk	150	-14	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	19	150	1.8
13. ES blk	600	-14	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	8	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-15	-600	1.8
20. NE blk	19	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nP-05 (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. SE	351.	2.8	.2	1.3	.0	.3	.0	.0	.0	.1
2. NW	171.	3.1	.3	.0	.0	.1	1.6	.0	.1	.0
3. SW	8.	3.5	.0	.3	.0	1.5	.5	.1	.2	.0
4. NE	352.	2.9	.0	1.7	.0	.2	.0	.0	.0	.0
5. ES mdblk	276.	1.1	.0	.1	.0	.1	.0	.0	.0	.3
6. WN mdblk	97.	1.2	.1	.0	.0	.0	.1	.0	.2	.0
7. WS mdblk	83.	1.3	.0	.1	.0	.1	.0	.0	.4	.0
8. EN mdblk	264.	1.2	.1	.0	.0	.0	.1	.0	.0	.1
9. SE mdblk	352.	2.6	1.3	.2	.0	.3	.2	.0	.0	.0
10. NW mdblk	172.	3.1	.3	.2	.0	1.8	.2	.1	.0	.0
11. SW mdblk	8.	3.4	.3	.3	.0	.2	2.1	.0	.0	.0
12. NE mdblk	188.	3.0	.2	1.7	.0	.2	.3	.0	.0	.0
13. ES blk	276.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	3.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	3.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	3.0	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-05 (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. SE	.0	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
2. NW	.0	.0	.1	.0	.4	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.5	.3	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.3	.6	.0	.0	.0	.0	.0
5. ES mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.0
17. SE blk	.0	.0	.0	.0	1.6	.0	.0	.6	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.7	2.2	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.7	.0	.0	2.3	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	2.0	.7	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Bixby VilNBA	2	-150	2	0	AG	34	4.7	.0	10.0
B. Bixby VilNBD	2	0	2	150	AG	137	4.7	.0	10.0
C. Bixby VilNBL	2	-150	0	0	AG	22	4.7	.0	10.0
D. Bixby VilSBA	-4	150	-4	0	AG	76	4.7	.0	10.0
E. Bixby VilSBD	-4	0	-4	-150	AG	85	4.7	.0	10.0
F. Bixby VilSBL	-2	150	0	0	AG	30	4.7	.0	10.0
G. Loynes DrEBA	-150	-9	0	-9	AG	339	4.7	.0	13.5
H. Loynes DrEBD	0	-9	150	-9	AG	363	4.7	.0	10.0
I. Loynes DrEBL	-150	-5	0	0	AG	74	4.7	.0	10.0
J. Loynes DrWBA	150	7	0	7	AG	683	4.7	.0	10.0
K. Loynes DrWBD	0	7	-150	7	AG	708	4.7	.0	10.0
L. Loynes DrWBL	150	5	0	0	AG	35	4.7	.0	10.0
M. Bixby VilNBA	2	-750	2	-150	AG	56	4.7	.0	10.0
N. Bixby VilNBD	2	150	2	750	AG	137	4.7	.0	10.0
O. Bixby VilSBA	-4	750	-4	150	AG	106	4.7	.0	10.0
P. Bixby VilSBD	-4	-150	-4	-750	AG	85	4.7	.0	10.0
Q. Loynes DrEBA	-750	-9	-150	-9	AG	413	4.7	.0	13.5
R. Loynes DrEBD	150	-9	750	-9	AG	363	4.7	.0	10.0
S. Loynes DrWBA	750	7	150	7	AG	718	4.7	.0	10.0
T. Loynes DrWBD	-150	7	-750	7	AG	708	4.7	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	8	-15	1.8
2. NW	-10	14	1.8
3. SW	-10	-17	1.8
4. NE	8	14	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	14	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	8	-150	1.8
10. NW mdblk	-10	150	1.8
11. SW mdblk	-10	-150	1.8
12. NE mdblk	8	150	1.8
13. ES blk	600	-15	1.8
14. WN blk	-600	14	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	14	1.8
17. SE blk	8	-600	1.8
18. NW blk	-10	600	1.8
19. SW blk	-10	-600	1.8
20. NE blk	8	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nP-06 (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. SE	277.	.6	.0	.0	.0	.0	.0	.0	.2	.0
2. NW	97.	.8	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	82.	.5	.0	.0	.0	.0	.0	.0	.0	.2
4. NE	263.	.8	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	277.	.6	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	97.	.8	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	82.	.6	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	263.	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	356.	.2	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	174.	.3	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	4.	.3	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	186.	.3	.0	.1	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.8	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	355.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	185.	.3	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
	CONC/LINK (PPM)											
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
2. NW	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.5
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	9	-150	9	0	AG	1902	5.6	.0	13.5
B. StudebakeNBD	9	0	9	150	AG	2181	5.6	.0	10.0
C. StudebakeNBL	5	-150	0	0	AG	91	5.6	.0	10.0
D. StudebakeSBA	-9	150	-9	0	AG	2365	5.6	.0	13.5
E. StudebakeSBD	-9	0	-9	-150	AG	1813	5.6	.0	10.0
F. StudebakeSBL	-5	150	0	0	AG	0	5.6	.0	10.0
G. Loynes DrEBA	-150	-11	0	-11	AG	90	5.6	.0	10.0
H. Loynes DrEBD	0	-11	150	-11	AG	0	5.6	.0	10.0
I. Loynes DrEBL	-150	-9	0	0	AG	279	5.6	.0	10.0
J. Loynes DrWBA	150	5	0	5	AG	0	5.6	.0	10.0
K. Loynes DrWBD	0	5	-150	5	AG	733	5.6	.0	10.0
L. Loynes DrWBL	150	5	0	0	AG	0	5.6	.0	10.0
M. StudebakeNBA	9	-750	9	-150	AG	1993	5.6	.0	13.5
N. StudebakeNBD	9	150	9	750	AG	2181	5.6	.0	10.0
O. StudebakeSBA	-9	750	-9	150	AG	2365	5.6	.0	13.5
P. StudebakeSBD	-9	-150	-9	-750	AG	1813	5.6	.0	10.0
Q. Loynes DrEBA	-750	-11	-150	-11	AG	369	5.6	.0	10.0
R. Loynes DrEBD	150	-11	750	-11	AG	0	5.6	.0	10.0
S. Loynes DrWBA	750	5	150	5	AG	0	5.6	.0	10.0
T. Loynes DrWBD	-150	5	-750	5	AG	733	5.6	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-17	1.8
2. NW	-17	12	1.8
3. SW	-15	-17	1.8
4. NE	15	12	1.8
5. ES mdblk	150	-17	1.8
6. WN mdblk	-150	12	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	12	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	15	150	1.8
13. ES blk	600	-17	1.8
14. WN blk	-600	12	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	12	1.8
17. SE blk	17	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-15	-600	1.8
20. NE blk	15	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nP-07 (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. SE	351.	2.2	.3	1.0	.0	.3	.0	.0	.0	.0
2. NW	171.	2.3	.3	.0	.0	.2	1.0	.0	.0	.0
3. SW	7.	2.6	.0	.2	.0	1.2	.3	.0	.0	.0
4. NE	352.	2.4	.0	1.5	.0	.3	.0	.0	.0	.0
5. ES mdblk	275.	.6	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	101.	1.0	.1	.0	.0	.0	.1	.0	.0	.0
7. WS mdblk	72.	.8	.0	.1	.0	.2	.0	.0	.0	.0
8. EN mdblk	268.	.6	.0	.0	.0	.1	.0	.0	.0	.0
9. SE mdblk	352.	2.2	1.3	.1	.0	.3	.2	.0	.0	.0
10. NW mdblk	172.	2.4	.2	.2	.0	1.5	.1	.0	.0	.0
11. SW mdblk	7.	2.2	.2	.2	.0	.2	1.2	.0	.0	.0
12. NE mdblk	188.	2.4	.1	1.5	.0	.3	.2	.0	.0	.0
13. ES blk	272.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	269.	.3	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.5	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
	CONC/LINK (PPM)											
1. SE	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
2. NW	.0	.0	.3	.0	.3	.0	.0	.1	.0	.0	.0	.0
3. SW	.0	.0	.1	.0	.0	.3	.2	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.7
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.3
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	1.5	.0	.0	.4	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.5	1.7	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.5	.0	.0	1.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.6	.6	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-120	5	0	AG	2209	5.6	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	1058	5.6	.0	10.0
C. StudebakeNBL	2	-120	0	0	AG	0	5.6	.0	10.0
D. StudebakeSBA	-7	120	-7	0	AG	2262	5.6	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	2299	5.6	.0	10.0
F. StudebakeSBL	-5	120	0	0	AG	386	5.6	.0	10.0
G. SR-22 EB EBA	-120	0	0	0	AG	0	5.6	.0	10.0
H. SR-22 EB EBD	0	0	150	0	AG	1652	5.6	.0	10.0
I. SR-22 EB EBL	-120	-2	0	0	AG	0	5.6	.0	10.0
J. SR-22 EB WBA	120	9	0	9	AG	115	5.6	.0	10.0
K. SR-22 EB WBD	0	9	-150	9	AG	0	5.6	.0	10.0
L. SR-22 EB WBL	120	9	0	0	AG	37	5.6	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	2209	5.6	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	1058	5.6	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	2648	5.6	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	2299	5.6	.0	10.0
Q. SR-22 EB EBA	-750	0	-150	0	AG	0	5.6	.0	10.0
R. SR-22 EB EBD	150	0	750	0	AG	1652	5.6	.0	10.0
S. SR-22 EB WBA	750	9	150	9	AG	152	5.6	.0	10.0
T. SR-22 EB WBD	-150	9	-750	9	AG	0	5.6	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	15	1.8
3. SW	-14	-7	1.8
4. NE	12	15	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	15	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	15	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nP-08 (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. SE	188.	2.3	1.3	.0	.0	.0	.3	.0	.0	.0
2. NW	172.	2.5	.4	.0	.0	.4	1.2	.0	.0	.0
3. SW	85.	2.5	.4	.0	.0	.0	.8	.0	.0	.9
4. NE	187.	2.7	1.2	.2	.0	.0	.4	.0	.0	.4
5. ES mdblk	281.	1.5	.0	.0	.0	.1	.0	.0	.0	1.2
6. WN mdblk	93.	.7	.0	.0	.0	.1	.0	.0	.0	.2
7. WS mdblk	89.	.7	.0	.0	.0	.0	.0	.0	.0	.2
8. EN mdblk	256.	.9	.1	.0	.0	.0	.1	.0	.0	.6
9. SE mdblk	188.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	8.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	9.	2.5	.5	.1	.0	.0	1.6	.0	.0	.0
12. NE mdblk	187.	1.9	.1	.8	.0	.3	.2	.1	.0	.0
13. ES blk	277.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	91.	.3	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	90.	.3	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.8	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
	CONC/LINK (PPM)											
1. SE	.0	.0	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
4. NE	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	1.6	.0	.0	.7	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.4	1.9	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.2	.0
17. SE blk	.0	.0	.0	.0	1.6	.0	.0	.6	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.4	1.9	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.7	.0	.0	1.7	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.9	.7	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-150	5	0	AG	1071	7.4	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	1342	7.4	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	7.4	.0	10.0
D. StudebakeSBA	-7	150	-7	0	AG	1456	7.4	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	2657	7.4	.0	10.0
F. StudebakeSBL	-5	150	0	0	AG	75	7.4	.0	10.0
G. SR-22 WB EBA	-150	0	0	0	AG	0	7.4	.0	10.0
H. SR-22 WB EBD	0	0	150	0	AG	132	7.4	.0	10.0
I. SR-22 WB EBL	-150	-2	0	0	AG	0	7.4	.0	10.0
J. SR-22 WB WBA	150	9	0	9	AG	328	7.4	.0	10.0
K. SR-22 WB WBD	0	9	-150	9	AG	0	7.4	.0	10.0
L. SR-22 WB WBL	150	9	0	0	AG	1201	7.4	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	1071	7.4	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	1342	7.4	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	1531	7.4	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	2657	7.4	.0	10.0
Q. SR-22 WB EBA	-750	0	-150	0	AG	0	7.4	.0	10.0
R. SR-22 WB EBD	150	0	750	0	AG	132	7.4	.0	10.0
S. SR-22 WB WBA	750	9	150	9	AG	1529	7.4	.0	10.0
T. SR-22 WB WBD	-150	9	-750	9	AG	0	7.4	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	15	1.8
3. SW	-14	-7	1.8
4. NE	12	15	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	15	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	15	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nP-09 (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. SE	352.	2.7	.0	1.0	.0	.4	.0	.0	.0	.0
2. NW	173.	3.0	.3	.0	.0	.3	1.8	.0	.0	.0
3. SW	172.	3.2	.3	.0	.0	.0	2.3	.0	.0	.0
4. NE	187.	2.9	.9	.3	.0	.0	.6	.0	.0	.0
5. ES mdblk	282.	1.2	.0	.1	.0	.1	.0	.0	.0	.2
6. WN mdblk	92.	.8	.0	.0	.0	.1	.0	.0	.0	.0
7. WS mdblk	88.	.9	.0	.0	.0	.0	.1	.0	.0	.0
8. EN mdblk	257.	2.0	.1	.0	.0	.0	.2	.0	.0	.0
9. SE mdblk	352.	2.2	1.0	.1	.0	.2	.5	.0	.0	.0
10. NW mdblk	173.	2.6	.2	.3	.0	1.4	.2	.0	.0	.0
11. SW mdblk	8.	3.3	.3	.2	.0	.1	2.3	.0	.0	.0
12. NE mdblk	187.	2.5	.1	1.3	.0	.3	.3	.0	.0	.0
13. ES blk	277.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	91.	.3	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	89.	.3	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	3.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.4	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
	CONC/LINK (PPM)											
1. SE	.0	.1	.0	.5	.0	.2	.3	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.3	.0	.0	.3	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.3	.0	.0	.3	.0	.0	.0	.0
4. NE	.0	.2	.0	.4	.2	.0	.0	.5	.0	.0	.0	.0
5. ES mdblk	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0
7. WS mdblk	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	.0	.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.6	.0
17. SE blk	.0	.0	.0	.0	1.1	.0	.0	.9	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.6	1.6	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.6	.0	.0	2.5	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.5	.7	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-10 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	0	-150	0	0	AG	0	6.4	.0	10.0
B. StudebakeNBD	0	0	0	150	AG	1891	6.4	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	6.4	.0	10.0
D. StudebakeSBA	-11	150	-11	0	AG	1053	6.4	.0	10.0
E. StudebakeSBD	-11	0	-11	-150	AG	0	6.4	.0	10.0
F. StudebakeSBL	-9	150	0	0	AG	365	6.4	.0	10.0
G. 2nd St.EBA	-150	-11	0	-11	AG	534	6.4	.0	10.0
H. 2nd St.EBD	0	-11	150	-11	AG	899	6.4	.0	10.0
I. 2nd St.EBL	-150	-9	0	0	AG	1315	6.4	.0	10.0
J. 2nd St.WBA	150	5	0	5	AG	1378	6.4	.0	13.5
K. 2nd St.WBD	0	5	-150	5	AG	1855	6.4	.0	10.0
L. 2nd St.WBL	150	2	0	0	AG	0	6.4	.0	10.0
M. StudebakeNBA	0	-750	0	-150	AG	0	6.4	.0	10.0
N. StudebakeNBD	0	150	0	750	AG	1891	6.4	.0	10.0
O. StudebakeSBA	-11	750	-11	150	AG	1418	6.4	.0	10.0
P. StudebakeSBD	-11	-150	-11	-750	AG	0	6.4	.0	10.0
Q. 2nd St.EBAX	-750	-11	-150	-11	AG	1849	6.4	.0	10.0
R. 2nd St.EBDX	150	-11	750	-11	AG	899	6.4	.0	10.0
S. 2nd St.WBAX	750	5	150	5	AG	1378	6.4	.0	13.5
T. 2nd St.WBDX	-150	5	-750	5	AG	1855	6.4	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-10 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	7	-17	1.8
2. NW	-17	12	1.8
3. SW	-17	-17	1.8
4. NE	7	14	1.8
5. ES mdblk	150	-17	1.8
6. WN mdblk	-150	12	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	7	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-17	-150	1.8
12. NE mdblk	7	150	1.8
13. ES blk	600	-17	1.8
14. WN blk	-600	12	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	14	1.8
17. SE blk	7	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-17	-600	1.8
20. NE blk	7	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nP-10 (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. SE	354.	2.9	.0	1.1	.0	.3	.0	.3	.0	.4
2. NW	97.	2.8	.0	.4	.0	.4	.0	.1	.0	.2
3. SW	7.	2.7	.0	.5	.0	.7	.0	.1	.2	.0
4. NE	260.	3.4	.0	.8	.0	.3	.0	.1	.1	.0
5. ES mdblk	277.	1.9	.0	.0	.0	.0	.0	.0	.0	.8
6. WN mdblk	98.	2.5	.0	.0	.0	.0	.0	.0	.1	.1
7. WS mdblk	78.	2.3	.0	.1	.0	.0	.0	.0	.5	.0
8. EN mdblk	264.	2.0	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdblk	358.	1.1	.0	.2	.0	.1	.0	.0	.0	.0
10. NW mdblk	167.	2.0	.0	.6	.0	.9	.0	.3	.0	.0
11. SW mdblk	2.	1.1	.0	.2	.0	.2	.0	.0	.0	.0
12. NE mdblk	193.	2.4	.0	1.5	.0	.4	.0	.2	.0	.0
13. ES blk	277.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	359.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	360.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.5	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-10 (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. SE	.0	.3	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0
2. NW	.0	.9	.4	.0	.0	.0	.0	.0	.0	.2	.2	.0
3. SW	.3	.0	.4	.0	.0	.3	.2	.0	.0	.0	.0	.0
4. NE	.5	.0	1.2	.0	.0	.0	.0	.0	.3	.0	.0	.1
5. ES mdblk	.2	.2	.2	.0	.0	.0	.0	.0	.1	.0	.0	.2
6. WN mdblk	.4	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.9	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.2	1.0	.2	.0	.0	.0	.0	.0	.2	.0	.0	.1
9. SE mdblk	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.1	.0	.0	.2	.2	.0	.0	.0	.0	.0
12. NE mdblk	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.5	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	1.6
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.6
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.2	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.7	1.3	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.7	.6	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-11 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-150	5	0	AG	2209	5.6	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	2207	5.6	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	5.6	.0	10.0
D. StudebakeSBA	-7	150	-7	0	AG	2088	5.6	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	2098	5.6	.0	10.0
F. StudebakeSBL	-5	150	0	0	AG	1	5.6	.0	10.0
G. AES PlantEBA	-150	0	0	0	AG	0	5.6	.0	10.0
H. AES PlantEBD	0	0	150	0	AG	10	5.6	.0	10.0
I. AES PlantEBL	-150	-2	0	0	AG	0	5.6	.0	10.0
J. AES PlantWBA	150	2	0	2	AG	7	5.6	.0	10.0
K. AES PlantWBD	0	2	-150	2	AG	0	5.6	.0	10.0
L. AES PlantWBL	150	2	0	0	AG	10	5.6	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	2209	5.6	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	2207	5.6	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	2089	5.6	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	2098	5.6	.0	10.0
Q. AES PlantEBA	-750	0	-150	0	AG	0	5.6	.0	10.0
R. AES PlantEBD	150	0	750	0	AG	10	5.6	.0	10.0
S. AES PlantWBA	750	2	150	2	AG	17	5.6	.0	10.0
T. AES PlantWBD	-150	2	-750	2	AG	0	5.6	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-11 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	8	1.8
3. SW	-14	-7	1.8
4. NE	12	8	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	8	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nP-11 (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. SE	188.	2.3	1.4	.0	.0	.0	.3	.0	.0	.0
2. NW	172.	2.4	.5	.0	.0	.1	1.3	.0	.0	.0
3. SW	172.	2.4	.4	.0	.0	.0	1.4	.0	.0	.0
4. NE	187.	2.5	1.5	.0	.0	.0	.4	.0	.0	.0
5. ES mdblk	337.	.4	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	158.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	23.	.4	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	203.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	2.3	1.4	.1	.0	.2	.3	.0	.0	.0
10. NW mdblk	173.	2.4	.2	.3	.0	1.4	.1	.0	.0	.0
11. SW mdblk	8.	2.4	.4	.2	.0	.1	1.4	.0	.0	.0
12. NE mdblk	187.	2.4	.2	1.5	.0	.3	.2	.0	.0	.0
13. ES blk	274.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	129.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	128.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	232.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.5	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nP-11 (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. SE	*	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
2. NW	*	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	*	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
4. NE	*	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
15. WS blk	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
16. EN blk	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
17. SE blk	*	.0	.0	.0	.0	1.6	.0	.0	.6	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.6	1.6	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.7	.0	.0	1.6	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.6	.6	.0	.0	.0	.0	.0

LONG BEACH HOME DEPOT

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

OPENING YEAR (YEAR 2006) WEEKEND BASELINE

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

JOB: Long Beach Home Depot
RUN: 2006nPW-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	*	12	-150	12	0	*	AG	1470	6.4	.0	13.5
B. PCHNBD	*	12	0	12	150	*	AG	1894	6.4	.0	11.8
C. PCHNBL	*	9	-150	0	0	*	AG	415	6.4	.0	10.0
D. PCHSBA	*	-9	150	-9	0	*	AG	1416	6.4	.0	13.5
E. PCHSBD	*	-9	0	-9	-150	*	AG	2072	6.4	.0	11.8
F. PCHSBL	*	-5	150	0	0	*	AG	247	6.4	.0	10.0
G. 2nd St.EBA	*	-150	-14	0	-14	*	AG	1545	6.4	.0	17.0
H. 2nd St.EBD	*	0	-14	150	-14	*	AG	1709	6.4	.0	11.8
I. 2nd St.EBL	*	-150	-9	0	0	*	AG	525	6.4	.0	10.0
J. 2nd St.WBA	*	150	14	0	14	*	AG	1180	6.4	.0	17.0
K. 2nd St.WBD	*	0	14	-150	14	*	AG	1632	6.4	.0	13.5
L. 2nd St.WBL	*	150	9	0	0	*	AG	509	6.4	.0	10.0
M. PCHNBAX	*	12	-750	12	-150	*	AG	1885	6.4	.0	13.5
N. PCHNBDX	*	12	150	12	750	*	AG	1894	6.4	.0	11.8
O. PCHSBAX	*	-9	750	-9	150	*	AG	1663	6.4	.0	13.5
P. PCHSBDX	*	-9	-150	-9	-750	*	AG	2072	6.4	.0	11.8
Q. 2nd St.EBAX	*	-750	-14	-150	-14	*	AG	2070	6.4	.0	17.0
R. 2nd St.EBDX	*	150	-14	750	-14	*	AG	1709	6.4	.0	11.8
S. 2nd St.WBAX	*	750	14	150	14	*	AG	1689	6.4	.0	17.0
T. 2nd St.WBDX	*	-150	14	-750	14	*	AG	1632	6.4	.0	13.5

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

JOB: Long Beach Home Depot
RUN: 2006nPW-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-21	1.8
2. NW	-17	22	1.8
3. SW	-16	-24	1.8
4. NE	20	24	1.8
5. ES mdblk	150	-21	1.8
6. WN mdblk	-150	22	1.8
7. WS mdblk	-150	-24	1.8
8. EN mdblk	150	24	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-16	-150	1.8
12. NE mdblk	20	150	1.8
13. ES blk	600	-21	1.8
14. WN blk	-600	22	1.8
15. WS blk	-600	-24	1.8
16. EN blk	600	24	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-16	-600	1.8
20. NE blk	20	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nPW-01 (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. SE	278.	3.2	.6	.0	.1	.0	.4	.0	.9	.4
2. NW	172.	3.3	.2	.0	.1	.4	1.1	.0	.3	.0
3. SW	8.	3.2	.0	.2	.0	.8	.6	.1	.6	.0
4. NE	188.	3.2	.8	.6	.2	.0	.2	.0	.0	.3
5. ES mdblk	278.	2.6	.0	.0	.0	.0	.0	.0	.1	1.4
6. WN mdblk	99.	2.4	.0	.0	.0	.0	.0	.0	.0	.2
7. WS mdblk	82.	2.3	.0	.0	.0	.0	.1	.0	1.1	.1
8. EN mdblk	262.	2.1	.0	.0	.0	.0	.0	.0	.2	.0
9. SE mdblk	352.	2.5	1.2	.1	.2	.2	.2	.0	.0	.0
10. NW mdblk	172.	2.4	.2	.2	.0	1.1	.1	.1	.0	.0
11. SW mdblk	8.	2.9	.2	.3	.1	.1	1.6	.0	.0	.0
12. NE mdblk	188.	2.8	.1	1.5	.0	.1	.3	.0	.0	.0
13. ES blk	278.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.8	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.6	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
	CONC/LINK (PPM)											
1. SE	.2	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.4
2. NW	.1	.0	.6	.0	.4	.0	.0	.2	.0	.0	.0	.0
3. SW	.1	.0	.3	.0	.0	.4	.2	.0	.0	.0	.0	.0
4. NE	.0	.4	.0	.1	.2	.0	.0	.4	.0	.0	.0	.0
5. ES mdblk	.0	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.2
6. WN mdblk	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.2	.0	.0
7. WS mdblk	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0
8. EN mdblk	.0	.8	.1	.1	.0	.0	.0	.0	.2	.0	.0	.1
9. SE mdblk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.4	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	1.4
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.4
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.4	.0
17. SE blk	.0	.0	.0	.0	1.6	.0	.0	.5	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.5	1.5	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.5	.0	.0	1.8	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.7	.5	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	9	-150	9	0	AG	1143	5.6	.0	13.5
B. PCHNBD	9	0	9	150	AG	1050	5.6	.0	10.0
C. PCHNBL	5	-150	0	0	AG	152	5.6	.0	10.0
D. PCHSBA	-11	150	-11	0	AG	1727	5.6	.0	17.0
E. PCHSBD	-11	0	-11	-150	AG	2095	5.6	.0	13.5
F. PCHSBL	-5	150	0	0	AG	28	5.6	.0	10.0
G. Loynes DrEBA	-150	-7	0	-7	AG	264	5.6	.0	10.0
H. Loynes DrEBD	0	-7	150	-7	AG	308	5.6	.0	10.0
I. Loynes DrEBL	-150	-5	0	0	AG	35	5.6	.0	10.0
J. Loynes DrWBA	150	9	0	9	AG	169	5.6	.0	13.5
K. Loynes DrWBD	0	9	-150	9	AG	308	5.6	.0	10.0
L. Loynes DrWBL	150	5	0	0	AG	243	5.6	.0	10.0
M. PCHNBAX	9	-750	9	-150	AG	1295	5.6	.0	13.5
N. PCHNBDX	9	150	9	750	AG	1050	5.6	.0	10.0
O. PCHSBAX	-11	750	-11	150	AG	1755	5.6	.0	17.0
P. PCHSBDX	-11	-150	-11	-750	AG	2095	5.6	.0	13.5
Q. Loynes DrEBA	-750	-7	-150	-7	AG	299	5.6	.0	10.0
R. Loynes DrEBD	150	-7	750	-7	AG	308	5.6	.0	10.0
S. Loynes DrWBA	750	9	150	9	AG	412	5.6	.0	13.5
T. Loynes DrWBD	-150	9	-750	9	AG	308	5.6	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-14	1.8
2. NW	-21	15	1.8
3. SW	-19	-14	1.8
4. NE	15	17	1.8
5. ES mdblk	150	-14	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	17	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-21	150	1.8
11. SW mdblk	-19	-150	1.8
12. NE mdblk	15	150	1.8
13. ES blk	600	-14	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	17	1.8
17. SE blk	17	-600	1.8
18. NW blk	-21	600	1.8
19. SW blk	-19	-600	1.8
20. NE blk	15	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nPW-02 (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. SE	351.	1.6	.1	.6	.0	.2	.0	.0	.0	.1
2. NW	172.	2.0	.1	.0	.0	.2	1.0	.0	.0	.0
3. SW	172.	2.0	.0	.0	.0	.0	1.3	.0	.0	.0
4. NE	188.	1.9	.7	.2	.0	.0	.3	.0	.0	.0
5. ES mdblk	277.	.8	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	97.	.8	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.7	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	262.	.7	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	1.7	.8	.0	.0	.2	.2	.0	.0	.0
10. NW mdblk	173.	1.8	.2	.0	.0	1.0	.2	.0	.0	.0
11. SW mdblk	8.	2.1	.1	.1	.0	.1	1.3	.0	.0	.0
12. NE mdblk	187.	1.7	.0	.8	.0	.2	.2	.0	.0	.0
13. ES blk	276.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.6	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-02 (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. SE	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
2. NW	.0	.0	.1	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.3	.0	.0	.3	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.1	.0	.0	.4	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0
17. SE blk	.0	.0	.0	.0	1.0	.0	.0	.5	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.3	1.2	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.4	.0	.0	1.5	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.9	.5	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 3. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	11	-150	11	0	AG	1451	5.1	.0	17.0
B. PCHNBD	11	0	11	150	AG	1100	5.1	.0	13.5
C. PCHNBL	5	-150	0	0	AG	78	5.1	.0	10.0
D. PCHSBA	-9	150	-9	0	AG	1206	5.1	.0	13.5
E. PCHSBD	-9	0	-9	-150	AG	1789	5.1	.0	11.8
F. PCHSBL	-5	150	0	0	AG	47	5.1	.0	10.0
G. BellfloweEBA	-150	-9	0	-9	AG	262	5.1	.0	13.5
H. BellfloweEBD	0	-9	150	-9	AG	691	5.1	.0	10.0
I. BellfloweEBL	-150	-5	0	0	AG	56	5.1	.0	10.0
J. BellfloweWBA	150	11	0	11	AG	303	5.1	.0	15.3
K. BellfloweWBD	0	11	-150	11	AG	397	5.1	.0	11.8
L. BellfloweWBL	150	5	0	0	AG	574	5.1	.0	10.0
M. PCHNBAX	11	-750	11	-150	AG	1529	5.1	.0	17.0
N. PCHNBDX	11	150	11	750	AG	1100	5.1	.0	13.5
O. PCHSBAX	-9	750	-9	150	AG	1253	5.1	.0	13.5
P. PCHSBDX	-9	-150	-9	-750	AG	1789	5.1	.0	11.8
Q. BellfloweEBA	-750	-9	-150	-9	AG	318	5.1	.0	13.5
R. BellfloweEBD	150	-9	750	-9	AG	691	5.1	.0	10.0
S. BellfloweWBA	750	11	150	11	AG	877	5.1	.0	15.3
T. BellfloweWBD	-150	11	-750	11	AG	397	5.1	.0	11.8

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

JOB: Long Beach Home Depot
RUN: 2006nPW-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-15	1.8
2. NW	-17	18	1.8
3. SW	-16	-17	1.8
4. NE	19	20	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	18	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	20	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-16	-150	1.8
12. NE mdblk	19	150	1.8
13. ES blk	600	-15	1.8
14. WN blk	-600	18	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	20	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-16	-600	1.8
20. NE blk	19	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nPW-03 (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. SE	351.	1.6	.1	.5	.0	.1	.0	.0	.0	.2
2. NW	172.	1.8	.2	.0	.0	.2	.8	.0	.0	.0
3. SW	172.	1.8	.1	.0	.0	.0	1.1	.0	.0	.0
4. NE	187.	1.8	.7	.2	.0	.0	.2	.0	.0	.1
5. ES mdblk	278.	1.0	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	96.	.9	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	85.	.8	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	257.	.8	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdblk	352.	1.5	.8	.0	.0	.1	.1	.0	.0	.0
10. NW mdblk	173.	1.5	.2	.0	.0	.7	.1	.0	.0	.0
11. SW mdblk	8.	1.8	.2	.1	.0	.0	1.1	.0	.0	.0
12. NE mdblk	187.	1.5	.1	.7	.0	.0	.2	.0	.0	.0
13. ES blk	277.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.7	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.3	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-03 (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. SE	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0	.0
2. NW	.0	.0	.1	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
4. NE	.0	.0	.0	.1	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.3	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6	.0
17. SE blk	.0	.0	.0	.0	1.0	.0	.0	.4	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.3	.9	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.4	.0	.0	1.3	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.8	.3	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	9	-150	9	0	AG	865	6.4	.0	13.5
B. PCHNBD	9	0	9	150	AG	1283	6.4	.0	11.8
C. PCHNBL	5	-150	0	0	AG	217	6.4	.0	10.0
D. PCHSBA	-12	150	-12	0	AG	1016	6.4	.0	13.5
E. PCHSBD	-12	0	-12	-150	AG	1259	6.4	.0	13.5
F. PCHSBL	-9	150	0	0	AG	495	6.4	.0	10.0
G. 7th St.EBA	-150	-5	0	-5	AG	1772	6.4	.0	13.5
H. 7th St.EBD	0	-5	150	-5	AG	2048	6.4	.0	11.8
I. 7th St.EBL	-150	-2	0	0	AG	0	6.4	.0	10.0
J. 7th St.WBA	150	5	0	5	AG	1652	6.4	.0	13.5
K. 7th St.WBD	0	5	-150	5	AG	1427	6.4	.0	10.0
L. 7th St.WBL	150	2	0	0	AG	0	6.4	.0	10.0
M. PCHNBAX	9	-750	9	-150	AG	1082	6.4	.0	13.5
N. PCHNBDX	9	150	9	750	AG	1283	6.4	.0	11.8
O. PCHSBAX	-12	750	-12	150	AG	1511	6.4	.0	13.5
P. PCHSBDX	-12	-150	-12	-750	AG	1259	6.4	.0	13.5
Q. 7th St.EBAX	-750	-5	-150	-5	AG	1772	6.4	.0	13.5
R. 7th St.EBDX	150	-5	750	-5	AG	2048	6.4	.0	11.8
S. 7th St.WBAX	750	5	150	5	AG	1652	6.4	.0	13.5
T. 7th St.WBDX	-150	5	-750	5	AG	1427	6.4	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-13	1.8
2. NW	-21	12	1.8
3. SW	-21	-14	1.8
4. NE	16	14	1.8
5. ES mdblk	150	-13	1.8
6. WN mdblk	-150	12	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-21	150	1.8
11. SW mdblk	-21	-150	1.8
12. NE mdblk	16	150	1.8
13. ES blk	600	-13	1.8
14. WN blk	-600	12	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	14	1.8
17. SE blk	17	-600	1.8
18. NW blk	-21	600	1.8
19. SW blk	-21	-600	1.8
20. NE blk	16	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nPW-04 (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. SE	.0	.4	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
2. NW	.0	1.0	.3	.0	.0	.0	.0	.0	.0	.3	.2	.0
3. SW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0
4. NE	.0	.3	.9	.0	.0	.0	.0	.0	.3	.0	.0	.2
5. ES mdblk	.0	.4	.2	.0	.0	.0	.0	.0	.1	.0	.0	.1
6. WN mdblk	.0	.1	1.2	.0	.0	.0	.0	.0	.0	.2	.1	.0
7. WS mdblk	.0	.2	.3	.0	.0	.0	.0	.0	.0	.1	.2	.0
8. EN mdblk	.0	1.3	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.7	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	1.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.6
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	1.5	.0
17. SE blk	.0	.0	.0	.0	1.0	.0	.0	.4	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.4	1.3	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.3	.0	.0	1.1	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.2	.4	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-04 (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. SE	351.	2.9	.1	.9	.0	.1	.0	.1	.0	.8
2. NW	97.	3.2	.0	.2	.0	.4	.0	.1	.0	.5
3. SW	82.	3.2	.2	.0	.0	.0	.5	.0	.4	1.1
4. NE	262.	2.9	.0	.5	.0	.2	.0	.1	.5	.0
5. ES mdblk	278.	2.8	.0	.0	.0	.0	.0	.0	.1	1.6
6. WN mdblk	97.	2.5	.0	.0	.0	.0	.0	.0	.5	.2
7. WS mdblk	83.	2.6	.0	.0	.0	.0	.0	.0	1.3	.2
8. EN mdblk	262.	2.5	.0	.0	.0	.0	.0	.0	.2	.5
9. SE mdblk	353.	1.8	.7	.1	.1	.2	.0	.0	.0	.0
10. NW mdblk	171.	1.9	.1	.1	.0	.8	.0	.2	.0	.0
11. SW mdblk	8.	2.0	.0	.2	.0	.0	1.0	.0	.0	.0
12. NE mdblk	188.	2.1	.0	1.1	.0	.1	.2	.1	.0	.0
13. ES blk	277.	2.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.0	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	11	-150	11	0	AG	1655	7.4	.0	17.0
B. PCHNBD	11	0	11	150	AG	2098	7.4	.0	13.5
C. PCHNBL	5	-150	0	0	AG	133	7.4	.0	10.0
D. PCHSBA	-9	150	-9	0	AG	2006	7.4	.0	13.5
E. PCHSBD	-9	0	-9	-150	AG	2107	7.4	.0	10.0
F. PCHSBL	-5	150	0	0	AG	339	7.4	.0	10.0
G. StudebakeEBA	-150	-7	0	-7	AG	215	7.4	.0	10.0
H. StudebakeEBD	0	-7	150	-7	AG	407	7.4	.0	10.0
I. StudebakeEBL	-150	-5	0	0	AG	190	7.4	.0	10.0
J. StudebakeWBA	150	2	0	2	AG	340	7.4	.0	10.0
K. StudebakeWBD	0	2	-150	2	AG	343	7.4	.0	10.0
L. StudebakeWBL	150	2	0	0	AG	77	7.4	.0	10.0
M. PCHNBAX	11	-750	11	-150	AG	1788	7.4	.0	17.0
N. PCHNBDX	11	150	11	750	AG	2098	7.4	.0	13.5
O. PCHSBAX	-9	750	-9	150	AG	2345	7.4	.0	13.5
P. PCHSBDX	-9	-150	-9	-750	AG	2107	7.4	.0	10.0
Q. StudebakeEBA	-750	-7	-150	-7	AG	405	7.4	.0	10.0
R. StudebakeEBD	150	-7	750	-7	AG	407	7.4	.0	10.0
S. StudebakeWBA	750	2	150	2	AG	417	7.4	.0	10.0
T. StudebakeWBD	-150	2	-750	2	AG	343	7.4	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-14	1.8
2. NW	-17	8	1.8
3. SW	-15	-14	1.8
4. NE	19	8	1.8
5. ES mdblk	150	-14	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	19	150	1.8
13. ES blk	600	-14	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	8	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-15	-600	1.8
20. NE blk	19	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nPW-05 (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. SE	351.	3.0	.2	1.4	.0	.3	.0	.1	.0	.2
2. NW	8.	3.0	.0	.2	.0	1.7	.0	.2	.0	.0
3. SW	7.	3.5	.0	.3	.0	1.6	.3	.2	.1	.0
4. NE	352.	3.0	.0	1.8	.0	.2	.0	.0	.0	.0
5. ES mdblk	277.	1.3	.0	.1	.0	.1	.0	.0	.0	.4
6. WN mdblk	96.	1.2	.1	.0	.0	.0	.1	.0	.0	.0
7. WS mdblk	83.	1.2	.0	.1	.0	.1	.0	.0	.2	.0
8. EN mdblk	264.	1.3	.1	.0	.0	.0	.1	.0	.0	.2
9. SE mdblk	352.	2.7	1.3	.2	.0	.3	.2	.0	.0	.0
10. NW mdblk	172.	3.1	.3	.3	.0	1.7	.2	.2	.0	.0
11. SW mdblk	8.	3.2	.3	.3	.0	.2	1.9	.0	.0	.0
12. NE mdblk	188.	3.1	.2	1.8	.0	.2	.3	.0	.0	.0
13. ES blk	276.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	3.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	3.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	3.1	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-05 (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. SE	.0	.1	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.6	.3	.0	.0	.0	.0	.0
3. SW	.0	.0	.1	.0	.0	.5	.3	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.3	.6	.0	.0	.0	.0	.0
5. ES mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.4
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.5	.0
17. SE blk	.0	.0	.0	.0	1.7	.0	.0	.5	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.7	2.2	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.7	.0	.0	2.1	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	2.0	.7	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Bixby VilNBA	2	-150	2	0	AG	23	4.7	.0	10.0
B. Bixby VilNBD	2	0	2	150	AG	89	4.7	.0	10.0
C. Bixby VilNBL	2	-150	0	0	AG	29	4.7	.0	10.0
D. Bixby VilSBA	-4	150	-4	0	AG	78	4.7	.0	10.0
E. Bixby VilSBD	-4	0	-4	-150	AG	55	4.7	.0	10.0
F. Bixby VilSBL	-2	150	0	0	AG	28	4.7	.0	10.0
G. Loynes DrEBA	-150	-9	0	-9	AG	283	4.7	.0	13.5
H. Loynes DrEBD	0	-9	150	-9	AG	294	4.7	.0	10.0
I. Loynes DrEBL	-150	-5	0	0	AG	44	4.7	.0	10.0
J. Loynes DrWBA	150	7	0	7	AG	324	4.7	.0	10.0
K. Loynes DrWBD	0	7	-150	7	AG	385	4.7	.0	10.0
L. Loynes DrWBL	150	5	0	0	AG	14	4.7	.0	10.0
M. Bixby VilNBA	2	-750	2	-150	AG	52	4.7	.0	10.0
N. Bixby VilNBD	2	150	2	750	AG	89	4.7	.0	10.0
O. Bixby VilSBA	-4	750	-4	150	AG	106	4.7	.0	10.0
P. Bixby VilSBD	-4	-150	-4	-750	AG	55	4.7	.0	10.0
Q. Loynes DrEBA	-750	-9	-150	-9	AG	327	4.7	.0	13.5
R. Loynes DrEBD	150	-9	750	-9	AG	294	4.7	.0	10.0
S. Loynes DrWBA	750	7	150	7	AG	338	4.7	.0	10.0
T. Loynes DrWBD	-150	7	-750	7	AG	385	4.7	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	8	-15	1.8
2. NW	-10	14	1.8
3. SW	-10	-17	1.8
4. NE	8	14	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	14	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	8	-150	1.8
10. NW mdblk	-10	150	1.8
11. SW mdblk	-10	-150	1.8
12. NE mdblk	8	150	1.8
13. ES blk	600	-15	1.8
14. WN blk	-600	14	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	14	1.8
17. SE blk	8	-600	1.8
18. NW blk	-10	600	1.8
19. SW blk	-10	-600	1.8
20. NE blk	8	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nPW-06 (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. SE	276.	.5	.0	.0	.0	.0	.0	.0	.2	.0
2. NW	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	277.	.4	.0	.0	.0	.0	.0	.0	.2	.0
4. NE	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	276.	.4	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.4	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	264.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	356.	.2	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	4.	.2	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	355.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	4.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	185.	.2	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-06 (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. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	9	-150	9	0	AG	1517	5.1	.0	13.5
B. StudebakeNBD	9	0	9	150	AG	1702	5.1	.0	10.0
C. StudebakeNBL	5	-150	0	0	AG	31	5.1	.0	10.0
D. StudebakeSBA	-9	150	-9	0	AG	1720	5.1	.0	13.5
E. StudebakeSBD	-9	0	-9	-150	AG	1592	5.1	.0	10.0
F. StudebakeSBL	-5	150	0	0	AG	0	5.1	.0	10.0
G. Loynes DrEBA	-150	-11	0	-11	AG	102	5.1	.0	10.0
H. Loynes DrEBD	0	-11	150	-11	AG	0	5.1	.0	10.0
I. Loynes DrEBL	-150	-9	0	0	AG	185	5.1	.0	10.0
J. Loynes DrWBA	150	5	0	5	AG	0	5.1	.0	10.0
K. Loynes DrWBD	0	5	-150	5	AG	261	5.1	.0	10.0
L. Loynes DrWBL	150	5	0	0	AG	0	5.1	.0	10.0
M. StudebakeNBA	9	-750	9	-150	AG	1548	5.1	.0	13.5
N. StudebakeNBD	9	150	9	750	AG	1702	5.1	.0	10.0
O. StudebakeSBA	-9	750	-9	150	AG	1720	5.1	.0	13.5
P. StudebakeSBD	-9	-150	-9	-750	AG	1592	5.1	.0	10.0
Q. Loynes DrEBA	-750	-11	-150	-11	AG	287	5.1	.0	10.0
R. Loynes DrEBD	150	-11	750	-11	AG	0	5.1	.0	10.0
S. Loynes DrWBA	750	5	150	5	AG	0	5.1	.0	10.0
T. Loynes DrWBD	-150	5	-750	5	AG	261	5.1	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-17	1.8
2. NW	-17	12	1.8
3. SW	-15	-17	1.8
4. NE	15	12	1.8
5. ES mdblk	150	-17	1.8
6. WN mdblk	-150	12	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	12	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	15	150	1.8
13. ES blk	600	-17	1.8
14. WN blk	-600	12	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	12	1.8
17. SE blk	17	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-15	-600	1.8
20. NE blk	15	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nPW-07 (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. SE	352.	1.6	.2	.8	.0	.2	.0	.0	.0	.0
2. NW	172.	1.7	.2	.0	.0	.1	.8	.0	.0	.0
3. SW	7.	1.9	.0	.2	.0	.9	.2	.0	.0	.0
4. NE	352.	1.8	.0	1.1	.0	.2	.0	.0	.0	.0
5. ES mdblk	273.	.4	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	102.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	76.	.5	.0	.0	.0	.1	.0	.0	.0	.0
8. EN mdblk	267.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	1.7	.9	.0	.0	.2	.1	.0	.0	.0
10. NW mdblk	172.	1.7	.2	.2	.0	1.1	.0	.0	.0	.0
11. SW mdblk	7.	1.7	.2	.2	.0	.1	1.0	.0	.0	.0
12. NE mdblk	188.	1.8	.0	1.1	.0	.2	.2	.0	.0	.0
13. ES blk	272.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	269.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.9	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-07 (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. SE	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.3	.0	.0	.1	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	1.1	.0	.0	.4	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.4	1.2	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.4	.0	.0	1.2	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.2	.4	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-120	5	0	AG	1695	5.1	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	581	5.1	.0	10.0
C. StudebakeNBL	2	-120	0	0	AG	0	5.1	.0	10.0
D. StudebakeSBA	-7	120	-7	0	AG	1620	5.1	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	1633	5.1	.0	10.0
F. StudebakeSBL	-5	120	0	0	AG	152	5.1	.0	10.0
G. SR-22 EB EBA	-120	0	0	0	AG	0	5.1	.0	10.0
H. SR-22 EB EBD	0	0	150	0	AG	1309	5.1	.0	10.0
I. SR-22 EB EBL	-120	-2	0	0	AG	0	5.1	.0	10.0
J. SR-22 EB WBA	120	9	0	9	AG	43	5.1	.0	10.0
K. SR-22 EB WBD	0	9	-150	9	AG	0	5.1	.0	10.0
L. SR-22 EB WBL	120	9	0	0	AG	13	5.1	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	1695	5.1	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	581	5.1	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	1772	5.1	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	1633	5.1	.0	10.0
Q. SR-22 EB EBA	-750	0	-150	0	AG	0	5.1	.0	10.0
R. SR-22 EB EBD	150	0	750	0	AG	1309	5.1	.0	10.0
S. SR-22 EB WBA	750	9	150	9	AG	56	5.1	.0	10.0
T. SR-22 EB WBD	-150	9	-750	9	AG	0	5.1	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	15	1.8
3. SW	-14	-7	1.8
4. NE	12	15	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	15	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	15	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nPW-08 (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. SE	188.	1.7	1.0	.0	.0	.0	.2	.0	.0	.0
2. NW	173.	1.8	.3	.0	.0	.2	.8	.0	.0	.0
3. SW	85.	1.8	.3	.0	.0	.0	.5	.0	.0	.7
4. NE	186.	1.9	.8	.0	.0	.0	.2	.0	.0	.3
5. ES mdblk	280.	1.1	.0	.0	.0	.0	.0	.0	.0	.9
6. WN mdblk	93.	.5	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	89.	.5	.0	.0	.0	.0	.0	.0	.0	.1
8. EN mdblk	255.	.7	.1	.0	.0	.0	.0	.0	.0	.4
9. SE mdblk	188.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	7.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	172.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	186.	1.3	.1	.4	.0	.2	.2	.0	.0	.0
13. ES blk	277.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	92.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	90.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.2	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-08 (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. SE	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
4. NE	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	1.2	.0	.0	.5	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.2	1.3	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.6	.0	.0	1.2	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0
17. SE blk	.0	.0	.0	.0	1.2	.0	.0	.4	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	1.3	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.5	.0	.0	1.2	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.5	.5	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-150	5	0	AG	575	5.1	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	538	5.1	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	5.1	.0	10.0
D. StudebakeSBA	-7	150	-7	0	AG	789	5.1	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	1795	5.1	.0	10.0
F. StudebakeSBL	-5	150	0	0	AG	57	5.1	.0	10.0
G. SR-22 WB EBA	-150	0	0	0	AG	0	5.1	.0	10.0
H. SR-22 WB EBD	0	0	150	0	AG	95	5.1	.0	10.0
I. SR-22 WB EBL	-150	-2	0	0	AG	0	5.1	.0	10.0
J. SR-22 WB WBA	150	9	0	9	AG	1	5.1	.0	10.0
K. SR-22 WB WBD	0	9	-150	9	AG	0	5.1	.0	10.0
L. SR-22 WB WBL	150	9	0	0	AG	1006	5.1	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	575	5.1	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	538	5.1	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	846	5.1	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	1795	5.1	.0	10.0
Q. SR-22 WB EBA	-750	0	-150	0	AG	0	5.1	.0	10.0
R. SR-22 WB EBD	150	0	750	0	AG	95	5.1	.0	10.0
S. SR-22 WB WBA	750	9	150	9	AG	1007	5.1	.0	10.0
T. SR-22 WB WBD	-150	9	-750	9	AG	0	5.1	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	15	1.8
3. SW	-14	-7	1.8
4. NE	12	15	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	15	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	15	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nPW-09 (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. SE	352.	1.1	.0	.3	.0	.1	.0	.0	.0	.0
2. NW	174.	1.4	.1	.0	.0	.0	.9	.0	.0	.0
3. SW	173.	1.6	.1	.0	.0	.0	1.1	.0	.0	.0
4. NE	187.	1.3	.3	.0	.0	.0	.3	.0	.0	.0
5. ES mdblk	281.	.5	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	93.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	88.	.4	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	257.	.9	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	188.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	174.	1.1	.0	.0	.0	.5	.1	.0	.0	.0
11. SW mdblk	8.	1.6	.1	.0	.0	.0	1.2	.0	.0	.0
12. NE mdblk	186.	1.0	.0	.4	.0	.1	.2	.0	.0	.0
13. ES blk	277.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	92.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	90.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.9	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-09 (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. SE	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
4. NE	.0	.0	.0	.2	.0	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0
7. WS mdblk	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.5	.0	.0	.5	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0
17. SE blk	.0	.0	.0	.0	.5	.0	.0	.5	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.7	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.0	.0	1.3	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.5	.3	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-10 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	0	-150	0	0	AG	0	6.4	.0	10.0
B. StudebakeNBD	0	0	0	150	AG	1733	6.4	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	6.4	.0	10.0
D. StudebakeSBA	-11	150	-11	0	AG	1195	6.4	.0	10.0
E. StudebakeSBD	-11	0	-11	-150	AG	0	6.4	.0	10.0
F. StudebakeSBL	-9	150	0	0	AG	379	6.4	.0	10.0
G. 2nd St.EBA	-150	-11	0	-11	AG	325	6.4	.0	10.0
H. 2nd St.EBD	0	-11	150	-11	AG	704	6.4	.0	10.0
I. 2nd St.EBL	-150	-9	0	0	AG	1483	6.4	.0	10.0
J. 2nd St.WBA	150	5	0	5	AG	697	6.4	.0	13.5
K. 2nd St.WBD	0	5	-150	5	AG	1642	6.4	.0	10.0
L. 2nd St.WBL	150	2	0	0	AG	0	6.4	.0	10.0
M. StudebakeNBA	0	-750	0	-150	AG	0	6.4	.0	10.0
N. StudebakeNBD	0	150	0	750	AG	1733	6.4	.0	10.0
O. StudebakeSBA	-11	750	-11	150	AG	1574	6.4	.0	10.0
P. StudebakeSBD	-11	-150	-11	-750	AG	0	6.4	.0	10.0
Q. 2nd St.EBAX	-750	-11	-150	-11	AG	1808	6.4	.0	10.0
R. 2nd St.EBDX	150	-11	750	-11	AG	704	6.4	.0	10.0
S. 2nd St.WBAX	750	5	150	5	AG	697	6.4	.0	13.5
T. 2nd St.WBDX	-150	5	-750	5	AG	1642	6.4	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-10 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	7	-17	1.8
2. NW	-17	12	1.8
3. SW	-17	-17	1.8
4. NE	7	14	1.8
5. ES mdblk	150	-17	1.8
6. WN mdblk	-150	12	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	7	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-17	-150	1.8
12. NE mdblk	7	150	1.8
13. ES blk	600	-17	1.8
14. WN blk	-600	12	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	14	1.8
17. SE blk	7	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-17	-600	1.8
20. NE blk	7	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nPW-10 (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. SE	353.	2.7	.0	1.1	.0	.3	.0	.3	.0	.3
2. NW	261.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	6.	2.7	.0	.4	.0	.8	.0	.1	.1	.0
4. NE	261.	3.2	.0	.7	.0	.3	.0	.1	.0	.0
5. ES mdblk	277.	1.6	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mdblk	98.	2.2	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	278.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	265.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	357.	1.0	.0	.2	.0	.2	.0	.0	.0	.0
10. NW mdblk	8.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	2.	1.1	.0	.2	.0	.2	.0	.0	.0	.0
12. NE mdblk	193.	2.3	.0	1.4	.0	.4	.0	.2	.0	.0
13. ES blk	277.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	358.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	360.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.4	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-10 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
	CONC/LINK (PPM)											
1. SE	.0	.1	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
2. NW	.4	.0	1.3	.0	.0	.0	.0	.0	.4	.0	.0	.2
3. SW	.4	.0	.3	.0	.0	.3	.2	.0	.0	.0	.0	.0
4. NE	.5	.0	1.0	.0	.0	.0	.0	.0	.3	.0	.0	.2
5. ES mdblk	.2	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.2
6. WN mdblk	.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.6
8. EN mdblk	.2	.5	.2	.0	.0	.0	.0	.0	.2	.0	.0	.2
9. SE mdblk	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.7	1.5	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.1	.0	.0	.2	.2	.0	.0	.0	.0	.0
12. NE mdblk	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.3	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	1.5
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.5
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.7	1.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.6	.6	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-11 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-150	5	0	AG	1717	5.1	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	1717	5.1	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	5.1	.0	10.0
D. StudebakeSBA	-7	150	-7	0	AG	1727	5.1	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	1727	5.1	.0	10.0
F. StudebakeSBL	-5	150	0	0	AG	1	5.1	.0	10.0
G. AES PlantEBA	-150	0	0	0	AG	0	5.1	.0	10.0
H. AES PlantEBD	0	0	150	0	AG	1	5.1	.0	10.0
I. AES PlantEBL	-150	-2	0	0	AG	0	5.1	.0	10.0
J. AES PlantWBA	150	2	0	2	AG	0	5.1	.0	10.0
K. AES PlantWBD	0	2	-150	2	AG	0	5.1	.0	10.0
L. AES PlantWBL	150	2	0	0	AG	0	5.1	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	1717	5.1	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	1717	5.1	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	1728	5.1	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	1727	5.1	.0	10.0
Q. AES PlantEBA	-750	0	-150	0	AG	0	5.1	.0	10.0
R. AES PlantEBD	150	0	750	0	AG	1	5.1	.0	10.0
S. AES PlantWBA	750	2	150	2	AG	0	5.1	.0	10.0
T. AES PlantWBD	-150	2	-750	2	AG	0	5.1	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-11 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	8	1.8
3. SW	-14	-7	1.8
4. NE	12	8	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	8	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006nPW-11 (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. SE	188.	1.8	1.0	.0	.0	.0	.2	.0	.0	.0
2. NW	173.	1.9	.3	.0	.0	.0	1.0	.0	.0	.0
3. SW	173.	1.9	.3	.0	.0	.0	1.1	.0	.0	.0
4. NE	187.	1.9	1.1	.0	.0	.0	.3	.0	.0	.0
5. ES mdblk	337.	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	158.	.3	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	23.	.3	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	203.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	1.8	1.1	.0	.0	.2	.3	.0	.0	.0
10. NW mdblk	173.	1.9	.2	.3	.0	1.1	.1	.0	.0	.0
11. SW mdblk	7.	1.9	.3	.2	.0	.1	1.1	.0	.0	.0
12. NE mdblk	187.	1.9	.1	1.1	.0	.3	.2	.0	.0	.0
13. ES blk	232.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	129.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	128.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	232.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.9	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006nPW-11 (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. SE	*	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
2. NW	*	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	*	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
4. NE	*	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	*	.0	.0	.0	.0	1.2	.0	.0	.5	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.5	1.2	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.6	.0	.0	1.2	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.2	.5	.0	.0	.0	.0	.0

LONG BEACH HOME DEPOT

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

OPENING YEAR (YEAR 2006) WEEKDAY WITH PROJECT

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

JOB: Long Beach Home Depot
RUN: 2006wP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 3. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	*	12	-150	12	0	* AG	1672	7.4	.0	13.5
B. PCHNBD	*	12	0	12	150	* AG	2061	7.4	.0	11.8
C. PCHNBL	*	9	-150	0	0	* AG	391	7.4	.0	10.0
D. PCHSBA	*	-9	150	-9	0	* AG	1950	7.4	.0	13.5
E. PCHSBD	*	-9	0	-9	-150	* AG	2363	7.4	.0	11.8
F. PCHSBL	*	-5	150	0	0	* AG	253	7.4	.0	10.0
G. 2nd St.EBA	*	-150	-14	0	-14	* AG	1875	7.4	.0	17.0
H. 2nd St.EBD	*	0	-14	150	-14	* AG	2120	7.4	.0	11.8
I. 2nd St.EBL	*	-150	-9	0	0	* AG	509	7.4	.0	10.0
J. 2nd St.WBA	*	150	14	0	14	* AG	1357	7.4	.0	17.0
K. 2nd St.WBD	*	0	14	-150	14	* AG	1889	7.4	.0	13.5
L. 2nd St.WBL	*	150	9	0	0	* AG	426	7.4	.0	10.0
M. PCHNBAX	*	12	-750	12	-150	* AG	2063	7.4	.0	13.5
N. PCHNBDX	*	12	150	12	750	* AG	2061	7.4	.0	11.8
O. PCHSBAX	*	-9	750	-9	150	* AG	2203	7.4	.0	13.5
P. PCHSBDX	*	-9	-150	-9	-750	* AG	2363	7.4	.0	11.8
Q. 2nd St.EBAX	*	-750	-14	-150	-14	* AG	2384	7.4	.0	17.0
R. 2nd St.EBDX	*	150	-14	750	-14	* AG	2120	7.4	.0	11.8
S. 2nd St.WBAX	*	750	14	150	14	* AG	1783	7.4	.0	17.0
T. 2nd St.WBDX	*	-150	14	-750	14	* AG	1889	7.4	.0	13.5

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

JOB: Long Beach Home Depot
RUN: 2006wP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-21	1.8
2. NW	-17	22	1.8
3. SW	-16	-24	1.8
4. NE	20	24	1.8
5. ES mdblk	150	-21	1.8
6. WN mdblk	-150	22	1.8
7. WS mdblk	-150	-24	1.8
8. EN mdblk	150	24	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-16	-150	1.8
12. NE mdblk	20	150	1.8
13. ES blk	600	-21	1.8
14. WN blk	-600	22	1.8
15. WS blk	-600	-24	1.8
16. EN blk	600	24	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-16	-600	1.8
20. NE blk	20	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wP-01 (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. SE	278.	4.2	.7	.0	.1	.0	.5	.0	1.2	.6
2. NW	171.	4.3	.3	.0	.2	.6	1.3	.0	.4	.0
3. SW	8.	4.4	.0	.3	.0	1.2	.8	.1	.8	.0
4. NE	188.	4.0	1.0	.7	.2	.0	.3	.0	.0	.4
5. ES mdblk	278.	3.4	.0	.0	.0	.0	.0	.0	.2	1.9
6. WN mdblk	99.	3.1	.0	.0	.0	.0	.1	.0	.1	.3
7. WS mdblk	81.	3.0	.0	.0	.0	.0	.1	.0	1.5	.2
8. EN mdblk	262.	2.7	.0	.1	.0	.0	.0	.0	.3	.0
9. SE mdblk	352.	3.2	1.5	.2	.2	.3	.2	.0	.0	.1
10. NW mdblk	172.	3.4	.3	.2	.0	1.7	.2	.1	.0	.1
11. SW mdblk	8.	3.7	.2	.3	.1	.2	2.1	.0	.0	.1
12. NE mdblk	188.	3.5	.1	1.9	.0	.2	.3	.0	.1	.0
13. ES blk	278.	3.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	3.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	3.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	2.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	3.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	3.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	3.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	3.3	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-01 (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. SE	.2	.0	.1	.0	.0	.0	.0	.0	.3	.0	.0	.5
2. NW	.1	.0	.8	.0	.4	.0	.0	.2	.0	.0	.0	.0
3. SW	.1	.0	.3	.0	.0	.4	.2	.0	.0	.0	.0	.0
4. NE	.0	.6	.0	.1	.2	.0	.0	.5	.0	.0	.0	.0
5. ES mdblk	.0	.0	.3	.0	.0	.0	.0	.0	.2	.0	.0	.3
6. WN mdblk	.1	.1	1.7	.0	.0	.0	.0	.0	.0	.2	.1	.0
7. WS mdblk	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0
8. EN mdblk	.1	1.1	.2	.1	.0	.0	.0	.0	.3	.0	.0	.1
9. SE mdblk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	.5	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	1.9
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	2.1	.0	.0	.5
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.7	.0
17. SE blk	.0	.0	.0	.0	2.0	.0	.0	.7	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.6	2.1	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.7	.0	.0	2.3	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	2.1	.7	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	9	-150	9	0	AG	1654	5.6	.0	13.5
B. PCHNBD	9	0	9	150	AG	1663	5.6	.0	10.0
C. PCHNBL	5	-150	0	0	AG	172	5.6	.0	10.0
D. PCHSBA	-11	150	-11	0	AG	1874	5.6	.0	17.0
E. PCHSBD	-11	0	-11	-150	AG	2147	5.6	.0	13.5
F. PCHSBL	-5	150	0	0	AG	102	5.6	.0	10.0
G. Loynes DrEBA	-150	-7	0	-7	AG	322	5.6	.0	10.0
H. Loynes DrEBD	0	-7	150	-7	AG	446	5.6	.0	10.0
I. Loynes DrEBL	-150	-5	0	0	AG	32	5.6	.0	10.0
J. Loynes DrWBA	150	9	0	9	AG	443	5.6	.0	13.5
K. Loynes DrWBD	0	9	-150	9	AG	539	5.6	.0	10.0
L. Loynes DrWBL	150	5	0	0	AG	196	5.6	.0	10.0
M. PCHNBAX	9	-750	9	-150	AG	1826	5.6	.0	13.5
N. PCHNBDX	9	150	9	750	AG	1663	5.6	.0	10.0
O. PCHSBAX	-11	750	-11	150	AG	1976	5.6	.0	17.0
P. PCHSBDX	-11	-150	-11	-750	AG	2147	5.6	.0	13.5
Q. Loynes DrEBA	-750	-7	-150	-7	AG	354	5.6	.0	10.0
R. Loynes DrEBD	150	-7	750	-7	AG	446	5.6	.0	10.0
S. Loynes DrWBA	750	9	150	9	AG	639	5.6	.0	13.5
T. Loynes DrWBD	-150	9	-750	9	AG	539	5.6	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-14	1.8
2. NW	-21	15	1.8
3. SW	-19	-14	1.8
4. NE	15	17	1.8
5. ES mdblk	150	-14	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	17	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-21	150	1.8
11. SW mdblk	-19	-150	1.8
12. NE mdblk	15	150	1.8
13. ES blk	600	-14	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	17	1.8
17. SE blk	17	-600	1.8
18. NW blk	-21	600	1.8
19. SW blk	-19	-600	1.8
20. NE blk	15	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wP-02 (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. SE	351.	2.2	.2	.9	.0	.3	.0	.0	.0	.2
2. NW	171.	2.2	.2	.0	.0	.2	1.0	.0	.0	.0
3. SW	7.	2.2	.0	.1	.0	1.0	.2	.0	.1	.0
4. NE	188.	2.4	.9	.3	.0	.0	.3	.0	.0	.0
5. ES mdblk	277.	1.0	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	96.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.9	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	262.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	2.1	1.1	.1	.0	.2	.2	.0	.0	.0
10. NW mdblk	172.	2.1	.2	.1	.0	1.1	.2	.0	.0	.0
11. SW mdblk	8.	2.3	.2	.2	.0	.1	1.4	.0	.0	.0
12. NE mdblk	188.	2.2	.1	1.2	.0	.2	.2	.0	.0	.0
13. ES blk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.9	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.1	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-02 (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. SE	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
2. NW	.0	.0	.2	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.1	.0	.0	.3	.3	.0	.0	.0	.0	.0
4. NE	.0	.2	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.5
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.0
17. SE blk	.0	.0	.0	.0	1.4	.0	.0	.5	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.4	1.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.5	.0	.0	1.6	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.3	.5	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	11	-150	11	0	AG	1654	5.6	.0	17.0
B. PCHNBD	11	0	11	150	AG	1255	5.6	.0	13.5
C. PCHNBL	5	-150	0	0	AG	137	5.6	.0	10.0
D. PCHSBA	-9	150	-9	0	AG	1390	5.6	.0	13.5
E. PCHSBD	-9	0	-9	-150	AG	1866	5.6	.0	11.8
F. PCHSBL	-5	150	0	0	AG	101	5.6	.0	10.0
G. BellfloweEBA	-150	-9	0	-9	AG	333	5.6	.0	13.5
H. BellfloweEBD	0	-9	150	-9	AG	874	5.6	.0	10.0
I. BellfloweEBL	-150	-5	0	0	AG	46	5.6	.0	10.0
J. BellfloweWBA	150	11	0	11	AG	366	5.6	.0	15.3
K. BellfloweWBD	0	11	-150	11	AG	574	5.6	.0	11.8
L. BellfloweWBL	150	5	0	0	AG	542	5.6	.0	10.0
M. PCHNBAX	11	-750	11	-150	AG	1791	5.6	.0	17.0
N. PCHNBDX	11	150	11	750	AG	1255	5.6	.0	13.5
O. PCHSBAX	-9	750	-9	150	AG	1491	5.6	.0	13.5
P. PCHSBDX	-9	-150	-9	-750	AG	1866	5.6	.0	11.8
Q. BellfloweEBA	-750	-9	-150	-9	AG	379	5.6	.0	13.5
R. BellfloweEBD	150	-9	750	-9	AG	874	5.6	.0	10.0
S. BellfloweWBA	750	11	150	11	AG	908	5.6	.0	15.3
T. BellfloweWBD	-150	11	-750	11	AG	574	5.6	.0	11.8

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

JOB: Long Beach Home Depot
RUN: 2006wP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-15	1.8
2. NW	-17	18	1.8
3. SW	-16	-17	1.8
4. NE	19	20	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	18	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	20	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-16	-150	1.8
12. NE mdblk	19	150	1.8
13. ES blk	600	-15	1.8
14. WN blk	-600	18	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	20	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-16	-600	1.8
20. NE blk	19	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wP-03 (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. SE	351.	2.0	.2	.7	.0	.2	.0	.0	.0	.3
2. NW	172.	2.2	.2	.0	.0	.2	.9	.0	.0	.0
3. SW	172.	2.1	.2	.0	.0	.0	1.3	.0	.0	.0
4. NE	187.	2.2	.8	.2	.0	.0	.2	.0	.0	.1
5. ES mdblk	278.	1.3	.0	.0	.0	.0	.0	.0	.0	.7
6. WN mdblk	97.	1.1	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	84.	1.0	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	257.	1.0	.1	.0	.0	.0	.1	.0	.0	.2
9. SE mdblk	352.	1.8	1.0	.1	.0	.2	.1	.0	.0	.0
10. NW mdblk	172.	1.9	.2	.1	.0	1.0	.1	.0	.0	.0
11. SW mdblk	8.	2.1	.2	.2	.0	.0	1.3	.0	.0	.0
12. NE mdblk	187.	1.8	.1	.8	.0	.1	.2	.0	.0	.0
13. ES blk	277.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.9	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.7	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-03 (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. SE	.0	.0	.0	.1	.0	.1	.3	.0	.0	.0	.0	.0
2. NW	.0	.0	.2	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
4. NE	.0	.1	.0	.1	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.4	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.3	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.5
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7	.0
17. SE blk	.0	.0	.0	.0	1.3	.0	.0	.4	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.3	1.2	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.5	.0	.0	1.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.0	.4	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	*	9	-150	9	0	*	AG	1047	7.4	.0	13.5
B. PCHNBD	*	9	0	9	150	*	AG	1501	7.4	.0	11.8
C. PCHNBL	*	5	-150	0	0	*	AG	277	7.4	.0	10.0
D. PCHSBA	*	-12	150	-12	0	*	AG	1281	7.4	.0	13.5
E. PCHSBD	*	-12	0	-12	-150	*	AG	1545	7.4	.0	13.5
F. PCHSBL	*	-9	150	0	0	*	AG	674	7.4	.0	10.0
G. 7th St.EBA	*	-150	-5	0	-5	*	AG	2421	7.4	.0	13.5
H. 7th St.EBD	*	0	-5	150	-5	*	AG	2831	7.4	.0	11.8
I. 7th St.EBL	*	-150	-2	0	0	*	AG	0	7.4	.0	10.0
J. 7th St.WBA	*	150	5	0	5	*	AG	2633	7.4	.0	13.5
K. 7th St.WBD	*	0	5	-150	5	*	AG	2456	7.4	.0	10.0
L. 7th St.WBL	*	150	2	0	0	*	AG	0	7.4	.0	10.0
M. PCHNBAX	*	9	-750	9	-150	*	AG	1324	7.4	.0	13.5
N. PCHNBDX	*	9	150	9	750	*	AG	1501	7.4	.0	11.8
O. PCHSBAX	*	-12	750	-12	150	*	AG	1955	7.4	.0	13.5
P. PCHSBDX	*	-12	-150	-12	-750	*	AG	1545	7.4	.0	13.5
Q. 7th St.EBAX	*	-750	-5	-150	-5	*	AG	2421	7.4	.0	13.5
R. 7th St.EBDX	*	150	-5	750	-5	*	AG	2831	7.4	.0	11.8
S. 7th St.WBAX	*	750	5	150	5	*	AG	2633	7.4	.0	13.5
T. 7th St.WBDX	*	-150	5	-750	5	*	AG	2456	7.4	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-13	1.8
2. NW	-21	12	1.8
3. SW	-21	-14	1.8
4. NE	16	14	1.8
5. ES mdblk	150	-13	1.8
6. WN mdblk	-150	12	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-21	150	1.8
11. SW mdblk	-21	-150	1.8
12. NE mdblk	16	150	1.8
13. ES blk	600	-13	1.8
14. WN blk	-600	12	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	14	1.8
17. SE blk	17	-600	1.8
18. NW blk	-21	600	1.8
19. SW blk	-21	-600	1.8
20. NE blk	16	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wP-04 (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. SE	278.	4.5	.5	.0	.0	.0	.3	.0	1.6	.7
2. NW	97.	5.0	.0	.3	.0	.6	.0	.2	.0	.8
3. SW	82.	4.7	.2	.0	.0	.0	.7	.0	.6	1.6
4. NE	261.	4.6	.0	.7	.0	.3	.0	.2	.7	.0
5. ES mdblk	278.	4.3	.0	.1	.0	.0	.0	.0	.2	2.4
6. WN mdblk	97.	4.1	.0	.0	.0	.0	.1	.0	.7	.3
7. WS mdblk	83.	3.8	.0	.0	.0	.0	.0	.0	2.0	.2
8. EN mdblk	262.	4.0	.0	.0	.0	.0	.1	.0	.3	.7
9. SE mdblk	353.	2.6	1.0	.2	.1	.2	.1	.1	.1	.1
10. NW mdblk	171.	2.8	.2	.2	.0	1.2	.1	.3	.0	.1
11. SW mdblk	8.	2.8	.1	.3	.0	.1	1.4	.1	.1	.1
12. NE mdblk	188.	2.9	.0	1.4	.0	.2	.3	.2	.1	.0
13. ES blk	278.	4.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	4.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	3.7	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	4.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.9	.0	.0	.0	.0	.0	.0	.0	.1
19. SW blk	7.	2.6	.0	.0	.0	.0	.0	.0	.0	.1
20. NE blk	188.	2.7	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-04 (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. SE	*	.0	.0	.7	.0	.0	.0	.0	.0	.3	.0	.0	.4
2. NW	*	.0	1.6	.7	.0	.0	.0	.0	.0	.0	.5	.3	.0
3. SW	*	.0	.7	.0	.0	.0	.0	.0	.0	.0	.3	.4	.0
4. NE	*	.0	.6	1.5	.0	.0	.0	.0	.0	.4	.0	.0	.2
5. ES mdblk	*	.0	.7	.3	.0	.0	.0	.0	.0	.1	.0	.0	.2
6. WN mdblk	*	.0	.2	2.1	.0	.0	.0	.0	.0	.0	.2	.2	.0
7. WS mdblk	*	.0	.4	.5	.0	.0	.0	.0	.0	.0	.2	.3	.0
8. EN mdblk	*	.0	2.2	.2	.0	.0	.0	.0	.0	.2	.0	.0	.1
9. SE mdblk	*	.0	.0	.1	.0	.0	.1	.3	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.1	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.1	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	1.1	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	2.4
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	2.3	.0	.0	.9
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.5	.0
17. SE blk	*	.0	.0	.0	.0	1.4	.0	.0	.5	.0	.0	.0	.0
18. NW blk	*	.0	.1	.0	.0	.0	.5	1.9	.0	.0	.0	.0	.0
19. SW blk	*	.0	.1	.0	.0	.4	.0	.0	1.6	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.6	.6	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	*	11	-150	11	0	*	AG	1609	7.4	.0	17.0
B. PCHNBD	*	11	0	11	150	*	AG	2019	7.4	.0	13.5
C. PCHNBL	*	5	-150	0	0	*	AG	151	7.4	.0	10.0
D. PCHSBA	*	-9	150	-9	0	*	AG	2027	7.4	.0	13.5
E. PCHSBD	*	-9	0	-9	-150	*	AG	2431	7.4	.0	10.0
F. PCHSBL	*	-5	150	0	0	*	AG	224	7.4	.0	10.0
G. StudebakeEBA	*	-150	-7	0	-7	*	AG	400	7.4	.0	10.0
H. StudebakeEBD	*	0	-7	150	-7	*	AG	266	7.4	.0	10.0
I. StudebakeEBL	*	-150	-5	0	0	*	AG	199	7.4	.0	10.0
J. StudebakeWBA	*	150	2	0	2	*	AG	273	7.4	.0	10.0
K. StudebakeWBD	*	0	2	-150	2	*	AG	252	7.4	.0	10.0
L. StudebakeWBL	*	150	2	0	0	*	AG	85	7.4	.0	10.0
M. PCHNBAX	*	11	-750	11	-150	*	AG	1760	7.4	.0	17.0
N. PCHNBDX	*	11	150	11	750	*	AG	2019	7.4	.0	13.5
O. PCHSBAX	*	-9	750	-9	150	*	AG	2251	7.4	.0	13.5
P. PCHSBDX	*	-9	-150	-9	-750	*	AG	2431	7.4	.0	10.0
Q. StudebakeEBA	*	-750	-7	-150	-7	*	AG	599	7.4	.0	10.0
R. StudebakeEBD	*	150	-7	750	-7	*	AG	266	7.4	.0	10.0
S. StudebakeWBA	*	750	2	150	2	*	AG	358	7.4	.0	10.0
T. StudebakeWBD	*	-150	2	-750	2	*	AG	252	7.4	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-14	1.8
2. NW	-17	8	1.8
3. SW	-15	-14	1.8
4. NE	19	8	1.8
5. ES mdblk	150	-14	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	19	150	1.8
13. ES blk	600	-14	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	8	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-15	-600	1.8
20. NE blk	19	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wP-05 (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. SE	351.	2.8	.2	1.3	.0	.3	.0	.0	.0	.1
2. NW	171.	3.1	.3	.0	.0	.1	1.6	.0	.1	.0
3. SW	8.	3.5	.0	.3	.0	1.5	.5	.1	.2	.0
4. NE	352.	2.9	.0	1.7	.0	.2	.0	.0	.0	.0
5. ES mdblk	276.	1.1	.0	.1	.0	.1	.0	.0	.0	.3
6. WN mdblk	97.	1.2	.1	.0	.0	.0	.1	.0	.2	.0
7. WS mdblk	83.	1.3	.0	.1	.0	.1	.0	.0	.4	.0
8. EN mdblk	264.	1.2	.1	.0	.0	.0	.1	.0	.0	.1
9. SE mdblk	352.	2.6	1.3	.2	.0	.3	.2	.0	.0	.0
10. NW mdblk	172.	3.1	.3	.2	.0	1.8	.2	.1	.0	.0
11. SW mdblk	8.	3.4	.3	.3	.0	.2	2.1	.0	.0	.0
12. NE mdblk	188.	3.0	.2	1.7	.0	.2	.3	.0	.0	.0
13. ES blk	276.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	3.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	3.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	3.0	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-05 (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. SE	.0	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
2. NW	.0	.0	.1	.0	.4	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.5	.3	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.3	.6	.0	.0	.0	.0	.0
5. ES mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.0
17. SE blk	.0	.0	.0	.0	1.6	.0	.0	.6	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.7	2.2	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.7	.0	.0	2.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	2.0	.7	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Bixby VilNBA	2	-150	2	0	AG	34	4.7	.0	10.0
B. Bixby VilNBD	2	0	2	150	AG	143	4.7	.0	10.0
C. Bixby VilNBL	2	-150	0	0	AG	22	4.7	.0	10.0
D. Bixby VilSBA	-4	150	-4	0	AG	76	4.7	.0	10.0
E. Bixby VilSBD	-4	0	-4	-150	AG	85	4.7	.0	10.0
F. Bixby VilSBL	-2	150	0	0	AG	36	4.7	.0	10.0
G. Loynes DrEBA	-150	-9	0	-9	AG	397	4.7	.0	13.5
H. Loynes DrEBD	0	-9	150	-9	AG	427	4.7	.0	10.0
I. Loynes DrEBL	-150	-5	0	0	AG	74	4.7	.0	10.0
J. Loynes DrWBA	150	7	0	7	AG	750	4.7	.0	10.0
K. Loynes DrWBD	0	7	-150	7	AG	769	4.7	.0	10.0
L. Loynes DrWBL	150	5	0	0	AG	35	4.7	.0	10.0
M. Bixby VilNBA	2	-750	2	-150	AG	56	4.7	.0	10.0
N. Bixby VilNBD	2	150	2	750	AG	143	4.7	.0	10.0
O. Bixby VilSBA	-4	750	-4	150	AG	112	4.7	.0	10.0
P. Bixby VilSBD	-4	-150	-4	-750	AG	85	4.7	.0	10.0
Q. Loynes DrEBA	-750	-9	-150	-9	AG	471	4.7	.0	13.5
R. Loynes DrEBD	150	-9	750	-9	AG	427	4.7	.0	10.0
S. Loynes DrWBA	750	7	150	7	AG	785	4.7	.0	10.0
T. Loynes DrWBD	-150	7	-750	7	AG	769	4.7	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	8	-15	1.8
2. NW	-10	14	1.8
3. SW	-10	-17	1.8
4. NE	8	14	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	14	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	8	-150	1.8
10. NW mdblk	-10	150	1.8
11. SW mdblk	-10	-150	1.8
12. NE mdblk	8	150	1.8
13. ES blk	600	-15	1.8
14. WN blk	-600	14	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	14	1.8
17. SE blk	8	-600	1.8
18. NW blk	-10	600	1.8
19. SW blk	-10	-600	1.8
20. NE blk	8	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wP-06 (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. SE	277.	.7	.0	.0	.0	.0	.0	.0	.3	.0
2. NW	97.	.8	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	82.	.6	.0	.0	.0	.0	.0	.0	.0	.2
4. NE	263.	.9	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	277.	.7	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	97.	.8	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	82.	.6	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	263.	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	356.	.3	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	174.	.3	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	4.	.3	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	186.	.3	.0	.1	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.8	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.7	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.8	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	355.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.3	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

RECEPTOR	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*	CONC/LINK (PPM)											
1. SE	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
2. NW	*	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	*	.0	.0	.5	.0	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.6
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	.0
17. SE blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	9	-150	9	0	AG	1960	5.6	.0	13.5
B. StudebakeNBD	9	0	9	150	AG	2264	5.6	.0	10.0
C. StudebakeNBL	5	-150	0	0	AG	37	5.6	.0	10.0
D. StudebakeSBA	-9	150	-9	0	AG	2331	5.6	.0	13.5
E. StudebakeSBD	-9	0	-9	-150	AG	1846	5.6	.0	10.0
F. StudebakeSBL	-5	150	0	0	AG	66	5.6	.0	10.0
G. Loynes DrEBA	-150	-11	0	-11	AG	171	5.6	.0	10.0
H. Loynes DrEBD	0	-11	150	-11	AG	204	5.6	.0	10.0
I. Loynes DrEBL	-150	-9	0	0	AG	262	5.6	.0	10.0
J. Loynes DrWBA	150	5	0	5	AG	184	5.6	.0	10.0
K. Loynes DrWBD	0	5	-150	5	AG	769	5.6	.0	10.0
L. Loynes DrWBL	150	5	0	0	AG	72	5.6	.0	10.0
M. StudebakeNBA	9	-750	9	-150	AG	1997	5.6	.0	13.5
N. StudebakeNBD	9	150	9	750	AG	2264	5.6	.0	10.0
O. StudebakeSBA	-9	750	-9	150	AG	2397	5.6	.0	13.5
P. StudebakeSBD	-9	-150	-9	-750	AG	1846	5.6	.0	10.0
Q. Loynes DrEBA	-750	-11	-150	-11	AG	433	5.6	.0	10.0
R. Loynes DrEBD	150	-11	750	-11	AG	204	5.6	.0	10.0
S. Loynes DrWBA	750	5	150	5	AG	256	5.6	.0	10.0
T. Loynes DrWBD	-150	5	-750	5	AG	769	5.6	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-17	1.8
2. NW	-17	12	1.8
3. SW	-15	-17	1.8
4. NE	15	12	1.8
5. ES mdblk	150	-17	1.8
6. WN mdblk	-150	12	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	12	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	15	150	1.8
13. ES blk	600	-17	1.8
14. WN blk	-600	12	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	12	1.8
17. SE blk	17	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-15	-600	1.8
20. NE blk	15	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wP-07 (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. SE	351.	2.4	.3	1.0	.0	.3	.0	.0	.0	.0
2. NW	171.	2.3	.3	.0	.0	.2	1.0	.0	.0	.0
3. SW	7.	2.7	.0	.2	.0	1.2	.3	.0	.0	.0
4. NE	352.	2.4	.0	1.5	.0	.3	.0	.0	.0	.0
5. ES mdblk	276.	.8	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	98.	1.1	.1	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	77.	.9	.0	.1	.0	.1	.0	.0	.2	.0
8. EN mdblk	265.	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	2.3	1.3	.1	.0	.3	.2	.0	.0	.0
10. NW mdblk	172.	2.4	.2	.2	.0	1.5	.1	.0	.0	.0
11. SW mdblk	7.	2.3	.2	.2	.0	.2	1.3	.0	.0	.0
12. NE mdblk	188.	2.5	.1	1.5	.0	.3	.2	.0	.0	.0
13. ES blk	276.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.9	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	265.	.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.6	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
	CONC/LINK (PPM)											
1. SE	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
2. NW	.0	.0	.3	.0	.3	.0	.0	.1	.0	.0	.0	.0
3. SW	.0	.0	.1	.0	.0	.3	.2	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.7
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.3
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
17. SE blk	.0	.0	.0	.0	1.5	.0	.0	.4	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.5	1.7	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.5	.0	.0	1.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.7	.6	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-120	5	0	AG	2304	5.6	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	1120	5.6	.0	10.0
C. StudebakeNBL	2	-120	0	0	AG	0	5.6	.0	10.0
D. StudebakeSBA	-7	120	-7	0	AG	2334	5.6	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	2389	5.6	.0	10.0
F. StudebakeSBL	-5	120	0	0	AG	386	5.6	.0	10.0
G. SR-22 EB EBA	-120	0	0	0	AG	0	5.6	.0	10.0
H. SR-22 EB EBD	0	0	150	0	AG	1685	5.6	.0	10.0
I. SR-22 EB EBL	-120	-2	0	0	AG	0	5.6	.0	10.0
J. SR-22 EB WBA	120	9	0	9	AG	115	5.6	.0	10.0
K. SR-22 EB WBD	0	9	-150	9	AG	0	5.6	.0	10.0
L. SR-22 EB WBL	120	9	0	0	AG	55	5.6	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	2304	5.6	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	1120	5.6	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	2720	5.6	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	2389	5.6	.0	10.0
Q. SR-22 EB EBA	-750	0	-150	0	AG	0	5.6	.0	10.0
R. SR-22 EB EBD	150	0	750	0	AG	1685	5.6	.0	10.0
S. SR-22 EB WBA	750	9	150	9	AG	170	5.6	.0	10.0
T. SR-22 EB WBD	-150	9	-750	9	AG	0	5.6	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	15	1.8
3. SW	-14	-7	1.8
4. NE	12	15	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	15	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	15	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wP-08 (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. SE	188.	2.3	1.4	.0	.0	.0	.3	.0	.0	.0
2. NW	172.	2.5	.4	.0	.0	.4	1.2	.0	.0	.0
3. SW	85.	2.6	.5	.0	.0	.0	.8	.0	.0	.9
4. NE	187.	2.8	1.2	.2	.0	.0	.4	.0	.0	.4
5. ES mdblk	281.	1.6	.0	.0	.0	.1	.0	.0	.0	1.2
6. WN mdblk	93.	.7	.0	.0	.0	.1	.0	.0	.0	.2
7. WS mdblk	89.	.7	.0	.0	.0	.0	.0	.0	.0	.2
8. EN mdblk	257.	.9	.1	.0	.0	.0	.1	.0	.0	.6
9. SE mdblk	188.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	8.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	9.	2.6	.5	.1	.0	.0	1.6	.0	.0	.0
12. NE mdblk	187.	2.0	.1	.8	.0	.4	.2	.1	.0	.0
13. ES blk	277.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	91.	.3	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	90.	.3	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.8	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.9	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
	CONC/LINK (PPM)											
1. SE	.0	.0	.0	.0	.3	.0	.0	.4	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
4. NE	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	1.7	.0	.0	.7	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.4	2.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.1	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.2	.0
17. SE blk	.0	.0	.0	.0	1.7	.0	.0	.6	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.4	1.9	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.8	.0	.0	1.8	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.0	.7	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-150	5	0	AG	1133	7.4	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	1385	7.4	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	7.4	.0	10.0
D. StudebakeSBA	-7	150	-7	0	AG	1497	7.4	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	2729	7.4	.0	10.0
F. StudebakeSBL	-5	150	0	0	AG	75	7.4	.0	10.0
G. SR-22 WB EBA	-150	0	0	0	AG	0	7.4	.0	10.0
H. SR-22 WB EBD	0	0	150	0	AG	151	7.4	.0	10.0
I. SR-22 WB EBL	-150	-2	0	0	AG	0	7.4	.0	10.0
J. SR-22 WB WBA	150	9	0	9	AG	328	7.4	.0	10.0
K. SR-22 WB WBD	0	9	-150	9	AG	0	7.4	.0	10.0
L. SR-22 WB WBL	150	9	0	0	AG	1232	7.4	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	1133	7.4	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	1385	7.4	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	1572	7.4	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	2729	7.4	.0	10.0
Q. SR-22 WB EBA	-750	0	-150	0	AG	0	7.4	.0	10.0
R. SR-22 WB EBD	150	0	750	0	AG	151	7.4	.0	10.0
S. SR-22 WB WBA	750	9	150	9	AG	1560	7.4	.0	10.0
T. SR-22 WB WBD	-150	9	-750	9	AG	0	7.4	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	15	1.8
3. SW	-14	-7	1.8
4. NE	12	15	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	15	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	15	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wP-09 (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. SE	352.	2.8	.0	1.0	.0	.4	.0	.0	.0	.0
2. NW	173.	3.0	.3	.0	.0	.3	1.8	.0	.0	.0
3. SW	172.	3.3	.3	.0	.0	.0	2.3	.0	.0	.0
4. NE	187.	3.0	.9	.3	.0	.0	.6	.0	.0	.0
5. ES mdblk	282.	1.2	.0	.1	.0	.1	.0	.0	.0	.2
6. WN mdblk	93.	.9	.0	.0	.0	.1	.0	.0	.0	.0
7. WS mdblk	88.	.9	.0	.0	.0	.0	.1	.0	.0	.0
8. EN mdblk	257.	2.0	.1	.0	.0	.0	.2	.0	.0	.0
9. SE mdblk	352.	2.2	1.1	.1	.0	.2	.5	.0	.0	.0
10. NW mdblk	173.	2.6	.2	.3	.0	1.4	.2	.0	.0	.0
11. SW mdblk	8.	3.4	.3	.2	.0	.1	2.4	.0	.0	.0
12. NE mdblk	187.	2.6	.1	1.3	.0	.4	.3	.0	.0	.0
13. ES blk	277.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	91.	.3	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	89.	.3	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	3.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.5	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-09 (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. SE	.0	.1	.0	.5	.0	.2	.3	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.3	.0	.0	.3	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.3	.0	.0	.3	.0	.0	.0	.0
4. NE	.0	.2	.0	.4	.2	.0	.0	.5	.0	.0	.0	.0
5. ES mdblk	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0
7. WS mdblk	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	.0	.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.7	.0
17. SE blk	.0	.0	.0	.0	1.2	.0	.0	.9	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.6	1.7	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.6	.0	.0	2.6	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.5	.7	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-10 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	0	-150	0	0	AG	0	7.4	.0	10.0
B. StudebakeNBD	0	0	0	150	AG	1942	7.4	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	7.4	.0	10.0
D. StudebakeSBA	-11	150	-11	0	AG	1096	7.4	.0	10.0
E. StudebakeSBD	-11	0	-11	-150	AG	0	7.4	.0	10.0
F. StudebakeSBL	-9	150	0	0	AG	376	7.4	.0	10.0
G. 2nd St.EBA	-150	-11	0	-11	AG	534	7.4	.0	10.0
H. 2nd St.EBD	0	-11	150	-11	AG	910	7.4	.0	10.0
I. 2nd St.EBL	-150	-9	0	0	AG	1356	7.4	.0	10.0
J. 2nd St.WBA	150	5	0	5	AG	1388	7.4	.0	13.5
K. 2nd St.WBD	0	5	-150	5	AG	1898	7.4	.0	10.0
L. 2nd St.WBL	150	2	0	0	AG	0	7.4	.0	10.0
M. StudebakeNBA	0	-750	0	-150	AG	0	7.4	.0	10.0
N. StudebakeNBD	0	150	0	750	AG	1942	7.4	.0	10.0
O. StudebakeSBA	-11	750	-11	150	AG	1472	7.4	.0	10.0
P. StudebakeSBD	-11	-150	-11	-750	AG	0	7.4	.0	10.0
Q. 2nd St.EBAX	-750	-11	-150	-11	AG	1890	7.4	.0	10.0
R. 2nd St.EBDX	150	-11	750	-11	AG	910	7.4	.0	10.0
S. 2nd St.WBAX	750	5	150	5	AG	1388	7.4	.0	13.5
T. 2nd St.WBDX	-150	5	-750	5	AG	1898	7.4	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-10 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	7	-17	1.8
2. NW	-17	12	1.8
3. SW	-17	-17	1.8
4. NE	7	14	1.8
5. ES mdblk	150	-17	1.8
6. WN mdblk	-150	12	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	7	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-17	-150	1.8
12. NE mdblk	7	150	1.8
13. ES blk	600	-17	1.8
14. WN blk	-600	12	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	14	1.8
17. SE blk	7	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-17	-600	1.8
20. NE blk	7	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wP-10 (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. SE	354.	3.4	.0	1.3	.0	.3	.0	.3	.0	.4
2. NW	97.	3.3	.0	.5	.0	.5	.0	.1	.0	.2
3. SW	7.	3.2	.0	.5	.0	.8	.0	.2	.3	.0
4. NE	260.	4.0	.0	.9	.0	.3	.0	.2	.1	.0
5. ES mdblk	277.	2.2	.0	.0	.0	.0	.0	.0	.0	.9
6. WN mdblk	98.	2.9	.0	.0	.0	.0	.0	.0	.1	.2
7. WS mdblk	78.	2.6	.0	.1	.0	.0	.0	.0	.6	.0
8. EN mdblk	264.	2.4	.0	.0	.0	.0	.0	.0	.1	.1
9. SE mdblk	358.	1.3	.0	.3	.0	.2	.0	.0	.0	.0
10. NW mdblk	167.	2.4	.0	.7	.0	1.1	.0	.3	.0	.0
11. SW mdblk	2.	1.3	.0	.2	.0	.2	.0	.0	.0	.0
12. NE mdblk	193.	2.9	.0	1.8	.0	.5	.0	.2	.0	.0
13. ES blk	277.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	2.8	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	3.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	359.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	360.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	3.0	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-10 (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. SE	*	.0	.3	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0
2. NW	*	.0	1.1	.4	.0	.0	.0	.0	.0	.0	.3	.2	.0
3. SW	*	.4	.0	.4	.0	.0	.4	.2	.0	.0	.0	.0	.0
4. NE	*	.6	.0	1.4	.0	.0	.0	.0	.0	.3	.0	.0	.1
5. ES mdblk	*	.2	.3	.3	.0	.0	.0	.0	.0	.1	.0	.0	.2
6. WN mdblk	*	.4	.1	1.7	.0	.0	.0	.0	.0	.0	.1	.1	.0
7. WS mdblk	*	1.0	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.2	1.2	.2	.0	.0	.0	.0	.0	.2	.0	.0	.2
9. SE mdblk	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.1	.0	.1	.0	.0	.2	.2	.0	.0	.0	.0	.0
12. NE mdblk	*	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.6	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	1.9
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	1.9	.0	.0	.7
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.4	.0
17. SE blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.9	1.6	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	2.0	.7	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-11 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-150	5	0	AG	2303	5.6	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	2301	5.6	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	5.6	.0	10.0
D. StudebakeSBA	-7	150	-7	0	AG	2178	5.6	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	2188	5.6	.0	10.0
F. StudebakeSBL	-5	150	0	0	AG	1	5.6	.0	10.0
G. AES PlantEBA	-150	0	0	0	AG	0	5.6	.0	10.0
H. AES PlantEBD	0	0	150	0	AG	10	5.6	.0	10.0
I. AES PlantEBL	-150	-2	0	0	AG	0	5.6	.0	10.0
J. AES PlantWBA	150	2	0	2	AG	7	5.6	.0	10.0
K. AES PlantWBD	0	2	-150	2	AG	0	5.6	.0	10.0
L. AES PlantWBL	150	2	0	0	AG	10	5.6	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	2303	5.6	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	2301	5.6	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	2179	5.6	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	2188	5.6	.0	10.0
Q. AES PlantEBA	-750	0	-150	0	AG	0	5.6	.0	10.0
R. AES PlantEBD	150	0	750	0	AG	10	5.6	.0	10.0
S. AES PlantWBA	750	2	150	2	AG	17	5.6	.0	10.0
T. AES PlantWBD	-150	2	-750	2	AG	0	5.6	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-11 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	8	1.8
3. SW	-14	-7	1.8
4. NE	12	8	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	8	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wP-11 (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. SE	188.	2.4	1.5	.0	.0	.0	.3	.0	.0	.0
2. NW	172.	2.5	.5	.0	.0	.1	1.3	.0	.0	.0
3. SW	172.	2.5	.4	.0	.0	.0	1.5	.0	.0	.0
4. NE	187.	2.6	1.5	.0	.0	.0	.4	.0	.0	.0
5. ES mdblk	337.	.4	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	158.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	23.	.4	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	203.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	2.4	1.5	.1	.0	.2	.3	.0	.0	.0
10. NW mdblk	173.	2.5	.2	.4	.0	1.4	.1	.0	.0	.0
11. SW mdblk	8.	2.5	.5	.2	.0	.1	1.5	.0	.0	.0
12. NE mdblk	187.	2.5	.2	1.5	.0	.3	.2	.0	.0	.0
13. ES blk	309.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	129.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	128.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	232.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.5	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wP-11 (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. SE	.0	.0	.0	.0	.3	.0	.0	.4	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.3	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	1.7	.0	.0	.6	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.7	1.6	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.7	.0	.0	1.6	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.7	.6	.0	.0	.0	.0	.0

LONG BEACH HOME DEPOT

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

OPENING YEAR (YEAR 2006) WEEKEND WITH PROJECT

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

JOB: Long Beach Home Depot
RUN: 2006wPW-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	*	12	-150	12	0	*	AG	1496	7.4	.0	13.5
B. PCHNBD	*	12	0	12	150	*	AG	1894	7.4	.0	11.8
C. PCHNBL	*	9	-150	0	0	*	AG	415	7.4	.0	10.0
D. PCHSBA	*	-9	150	-9	0	*	AG	1416	7.4	.0	13.5
E. PCHSBD	*	-9	0	-9	-150	*	AG	2094	7.4	.0	11.8
F. PCHSBL	*	-5	150	0	0	*	AG	247	7.4	.0	10.0
G. 2nd St.EBA	*	-150	-14	0	-14	*	AG	1622	7.4	.0	17.0
H. 2nd St.EBD	*	0	-14	150	-14	*	AG	1812	7.4	.0	11.8
I. 2nd St.EBL	*	-150	-9	0	0	*	AG	525	7.4	.0	10.0
J. 2nd St.WBA	*	150	14	0	14	*	AG	1246	7.4	.0	17.0
K. 2nd St.WBD	*	0	14	-150	14	*	AG	1698	7.4	.0	13.5
L. 2nd St.WBL	*	150	9	0	0	*	AG	531	7.4	.0	10.0
M. PCHNBAX	*	12	-750	12	-150	*	AG	1911	7.4	.0	13.5
N. PCHNBDX	*	12	150	12	750	*	AG	1894	7.4	.0	11.8
O. PCHSBAX	*	-9	750	-9	150	*	AG	1663	7.4	.0	13.5
P. PCHSBDX	*	-9	-150	-9	-750	*	AG	2094	7.4	.0	11.8
Q. 2nd St.EBAX	*	-750	-14	-150	-14	*	AG	2147	7.4	.0	17.0
R. 2nd St.EBDX	*	150	-14	750	-14	*	AG	1812	7.4	.0	11.8
S. 2nd St.WBAX	*	750	14	150	14	*	AG	1777	7.4	.0	17.0
T. 2nd St.WBDX	*	-150	14	-750	14	*	AG	1698	7.4	.0	13.5

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

JOB: Long Beach Home Depot
RUN: 2006wPW-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-21	1.8
2. NW	-17	22	1.8
3. SW	-16	-24	1.8
4. NE	20	24	1.8
5. ES mdblk	150	-21	1.8
6. WN mdblk	-150	22	1.8
7. WS mdblk	-150	-24	1.8
8. EN mdblk	150	24	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-16	-150	1.8
12. NE mdblk	20	150	1.8
13. ES blk	600	-21	1.8
14. WN blk	-600	22	1.8
15. WS blk	-600	-24	1.8
16. EN blk	600	24	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-16	-600	1.8
20. NE blk	20	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wPW-01 (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. SE	278.	3.8	.7	.0	.1	.0	.4	.0	1.0	.5
2. NW	172.	3.9	.2	.0	.1	.4	1.2	.0	.3	.0
3. SW	80.	3.7	.3	.0	.1	.0	1.0	.0	.3	1.1
4. NE	188.	3.7	.9	.7	.2	.0	.3	.0	.0	.3
5. ES mdblk	278.	3.1	.0	.0	.0	.0	.0	.0	.1	1.6
6. WN mdblk	99.	2.9	.0	.0	.0	.0	.0	.0	.1	.3
7. WS mdblk	82.	2.8	.0	.0	.0	.0	.1	.0	1.3	.2
8. EN mdblk	262.	2.6	.0	.1	.0	.0	.0	.0	.2	.0
9. SE mdblk	352.	2.9	1.4	.2	.2	.2	.2	.0	.0	.0
10. NW mdblk	172.	2.8	.3	.2	.0	1.3	.2	.1	.0	.1
11. SW mdblk	8.	3.4	.2	.3	.1	.1	1.9	.0	.0	.1
12. NE mdblk	188.	3.2	.1	1.7	.0	.2	.3	.0	.0	.0
13. ES blk	278.	2.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	2.8	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	2.9	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	3.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	3.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	3.0	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-01 (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. SE	.2	.0	.1	.0	.0	.0	.0	.0	.3	.0	.0	.4
2. NW	.1	.0	.8	.0	.5	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.1	.0	.1	.0	.0	.0	.0	.0	.2	.4	.0
4. NE	.0	.5	.0	.1	.2	.0	.0	.4	.0	.0	.0	.0
5. ES mdblk	.0	.0	.3	.1	.0	.0	.0	.0	.1	.0	.0	.2
6. WN mdblk	.1	.1	1.5	.0	.0	.0	.0	.0	.0	.2	.1	.0
7. WS mdblk	.2	.2	.0	.1	.0	.0	.0	.0	.0	.1	.3	.0
8. EN mdblk	.1	1.0	.2	.2	.0	.0	.0	.0	.3	.0	.0	.1
9. SE mdblk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.5	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	1.7
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	2.0	.0	.0	.4
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.7	.0
17. SE blk	.0	.0	.0	.0	1.9	.0	.0	.6	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.6	1.7	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.6	.0	.0	2.1	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.9	.5	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	9	-150	9	0	AG	1143	5.6	.0	13.5
B. PCHNBD	9	0	9	150	AG	1165	5.6	.0	10.0
C. PCHNBL	5	-150	0	0	AG	152	5.6	.0	10.0
D. PCHSBA	-11	150	-11	0	AG	1727	5.6	.0	17.0
E. PCHSBD	-11	0	-11	-150	AG	2095	5.6	.0	13.5
F. PCHSBL	-5	150	0	0	AG	163	5.6	.0	10.0
G. Loynes DrEBA	-150	-7	0	-7	AG	274	5.6	.0	10.0
H. Loynes DrEBD	0	-7	150	-7	AG	453	5.6	.0	10.0
I. Loynes DrEBL	-150	-5	0	0	AG	35	5.6	.0	10.0
J. Loynes DrWBA	150	9	0	9	AG	293	5.6	.0	13.5
K. Loynes DrWBD	0	9	-150	9	AG	317	5.6	.0	10.0
L. Loynes DrWBL	150	5	0	0	AG	243	5.6	.0	10.0
M. PCHNBAX	9	-750	9	-150	AG	1295	5.6	.0	13.5
N. PCHNBDX	9	150	9	750	AG	1165	5.6	.0	10.0
O. PCHSBAX	-11	750	-11	150	AG	1890	5.6	.0	17.0
P. PCHSBDX	-11	-150	-11	-750	AG	2095	5.6	.0	13.5
Q. Loynes DrEBA	-750	-7	-150	-7	AG	309	5.6	.0	10.0
R. Loynes DrEBD	150	-7	750	-7	AG	453	5.6	.0	10.0
S. Loynes DrWBA	750	9	150	9	AG	536	5.6	.0	13.5
T. Loynes DrWBD	-150	9	-750	9	AG	317	5.6	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-14	1.8
2. NW	-21	15	1.8
3. SW	-19	-14	1.8
4. NE	15	17	1.8
5. ES mdblk	150	-14	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	17	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-21	150	1.8
11. SW mdblk	-19	-150	1.8
12. NE mdblk	15	150	1.8
13. ES blk	600	-14	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	17	1.8
17. SE blk	17	-600	1.8
18. NW blk	-21	600	1.8
19. SW blk	-19	-600	1.8
20. NE blk	15	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wPW-02 (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. SE	351.	1.8	.1	.7	.0	.2	.0	.0	.0	.2
2. NW	172.	2.0	.1	.0	.0	.2	1.0	.0	.0	.0
3. SW	172.	2.0	.0	.0	.0	.0	1.3	.0	.0	.0
4. NE	188.	2.0	.7	.2	.0	.0	.3	.0	.0	.0
5. ES mdblk	278.	.9	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	96.	.8	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.8	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	261.	.8	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	352.	1.7	.8	.0	.0	.2	.2	.0	.0	.0
10. NW mdblk	172.	1.9	.2	.0	.0	1.0	.1	.0	.0	.0
11. SW mdblk	8.	2.1	.1	.2	.0	.1	1.3	.0	.0	.0
12. NE mdblk	188.	1.8	.0	.9	.0	.2	.2	.0	.0	.0
13. ES blk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.7	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.7	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.8	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-02 (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. SE	*	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.1	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	*	.0	.0	.0	.0	.3	.0	.0	.3	.0	.0	.0	.0
4. NE	*	.0	.1	.0	.0	.1	.0	.0	.4	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.0
17. SE blk	*	.0	.0	.0	.0	1.0	.0	.0	.5	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	1.3	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.4	.0	.0	1.5	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.0	.5	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	11	-150	11	0	AG	1566	5.1	.0	17.0
B. PCHNBD	11	0	11	150	AG	1166	5.1	.0	13.5
C. PCHNBL	5	-150	0	0	AG	78	5.1	.0	10.0
D. PCHSBA	-9	150	-9	0	AG	1283	5.1	.0	13.5
E. PCHSBD	-9	0	-9	-150	AG	1923	5.1	.0	11.8
F. PCHSBL	-5	150	0	0	AG	47	5.1	.0	10.0
G. BellfloweEBA	-150	-9	0	-9	AG	262	5.1	.0	13.5
H. BellfloweEBD	0	-9	150	-9	AG	740	5.1	.0	10.0
I. BellfloweEBL	-150	-5	0	0	AG	56	5.1	.0	10.0
J. BellfloweWBA	150	11	0	11	AG	303	5.1	.0	15.3
K. BellfloweWBD	0	11	-150	11	AG	397	5.1	.0	11.8
L. BellfloweWBL	150	5	0	0	AG	631	5.1	.0	10.0
M. PCHNBAX	11	-750	11	-150	AG	1644	5.1	.0	17.0
N. PCHNBDX	11	150	11	750	AG	1166	5.1	.0	13.5
O. PCHSBAX	-9	750	-9	150	AG	1330	5.1	.0	13.5
P. PCHSBDX	-9	-150	-9	-750	AG	1923	5.1	.0	11.8
Q. BellfloweEBA	-750	-9	-150	-9	AG	318	5.1	.0	13.5
R. BellfloweEBD	150	-9	750	-9	AG	740	5.1	.0	10.0
S. BellfloweWBA	750	11	150	11	AG	934	5.1	.0	15.3
T. BellfloweWBD	-150	11	-750	11	AG	397	5.1	.0	11.8

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

JOB: Long Beach Home Depot
RUN: 2006wPW-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-15	1.8
2. NW	-17	18	1.8
3. SW	-16	-17	1.8
4. NE	19	20	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	18	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	20	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-16	-150	1.8
12. NE mdblk	19	150	1.8
13. ES blk	600	-15	1.8
14. WN blk	-600	18	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	20	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-16	-600	1.8
20. NE blk	19	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wPW-03 (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. SE	351.	1.6	.2	.6	.0	.1	.0	.0	.0	.2
2. NW	172.	1.9	.2	.0	.0	.2	.9	.0	.0	.0
3. SW	172.	1.9	.1	.0	.0	.0	1.2	.0	.0	.0
4. NE	187.	1.9	.7	.2	.0	.0	.2	.0	.0	.1
5. ES mdblk	279.	1.1	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	96.	.9	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	85.	.8	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	98.	.9	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	1.6	.9	.0	.0	.2	.1	.0	.0	.0
10. NW mdblk	173.	1.6	.2	.0	.0	.8	.1	.0	.0	.0
11. SW mdblk	9.	1.9	.2	.1	.0	.0	1.2	.0	.0	.0
12. NE mdblk	187.	1.5	.1	.7	.0	.0	.2	.0	.0	.0
13. ES blk	277.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.7	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.4	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-03 (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. SE	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0	.0
2. NW	.0	.0	.1	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
4. NE	.0	.0	.0	.1	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.3	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7	.0
17. SE blk	.0	.0	.0	.0	1.1	.0	.0	.4	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.3	1.0	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.4	.0	.0	1.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.8	.3	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	*	9	-150	9	0	*	AG	898	6.4	.0	13.5
B. PCHNBD	*	9	0	9	150	*	AG	1327	6.4	.0	11.8
C. PCHNBL	*	5	-150	0	0	*	AG	250	6.4	.0	10.0
D. PCHSBA	*	-12	150	-12	0	*	AG	1055	6.4	.0	13.5
E. PCHSBD	*	-12	0	-12	-150	*	AG	1336	6.4	.0	13.5
F. PCHSBL	*	-9	150	0	0	*	AG	508	6.4	.0	10.0
G. 7th St.EBA	*	-150	-5	0	-5	*	AG	1823	6.4	.0	13.5
H. 7th St.EBD	*	0	-5	150	-5	*	AG	2074	6.4	.0	11.8
I. 7th St.EBL	*	-150	-2	0	0	*	AG	0	6.4	.0	10.0
J. 7th St.WBA	*	150	5	0	5	*	AG	1674	6.4	.0	13.5
K. 7th St.WBD	*	0	5	-150	5	*	AG	1471	6.4	.0	10.0
L. 7th St.WBL	*	150	2	0	0	*	AG	0	6.4	.0	10.0
M. PCHNBAX	*	9	-750	9	-150	*	AG	1148	6.4	.0	13.5
N. PCHNBDX	*	9	150	9	750	*	AG	1327	6.4	.0	11.8
O. PCHSBAX	*	-12	750	-12	150	*	AG	1563	6.4	.0	13.5
P. PCHSBDX	*	-12	-150	-12	-750	*	AG	1336	6.4	.0	13.5
Q. 7th St.EBAX	*	-750	-5	-150	-5	*	AG	1823	6.4	.0	13.5
R. 7th St.EBDX	*	150	-5	750	-5	*	AG	2074	6.4	.0	11.8
S. 7th St.WBAX	*	750	5	150	5	*	AG	1674	6.4	.0	13.5
T. 7th St.WBDX	*	-150	5	-750	5	*	AG	1471	6.4	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-13	1.8
2. NW	-21	12	1.8
3. SW	-21	-14	1.8
4. NE	16	14	1.8
5. ES mdblk	150	-13	1.8
6. WN mdblk	-150	12	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-21	150	1.8
11. SW mdblk	-21	-150	1.8
12. NE mdblk	16	150	1.8
13. ES blk	600	-13	1.8
14. WN blk	-600	12	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	14	1.8
17. SE blk	17	-600	1.8
18. NW blk	-21	600	1.8
19. SW blk	-21	-600	1.8
20. NE blk	16	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wPW-04 (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. SE	277.	3.1	.3	.0	.0	.0	.2	.0	1.1	.4
2. NW	97.	3.2	.0	.2	.0	.4	.0	.1	.0	.5
3. SW	82.	3.2	.2	.0	.0	.0	.5	.0	.4	1.1
4. NE	262.	3.0	.0	.5	.0	.2	.0	.1	.5	.0
5. ES mdblk	278.	2.9	.0	.0	.0	.0	.0	.0	.1	1.6
6. WN mdblk	97.	2.6	.0	.0	.0	.0	.0	.0	.5	.2
7. WS mdblk	83.	2.6	.0	.0	.0	.0	.0	.0	1.4	.2
8. EN mdblk	262.	2.6	.0	.0	.0	.0	.0	.0	.2	.5
9. SE mdblk	353.	1.9	.7	.1	.1	.2	.1	.0	.0	.0
10. NW mdblk	172.	2.0	.1	.1	.0	.9	.1	.2	.0	.0
11. SW mdblk	8.	2.1	.0	.2	.0	.0	1.1	.0	.0	.0
12. NE mdblk	188.	2.2	.0	1.1	.0	.1	.2	.1	.0	.0
13. ES blk	277.	2.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.1	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-04 (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. SE	.0	.0	.4	.0	.0	.0	.0	.0	.2	.0	.0	.3
2. NW	.0	1.0	.4	.0	.0	.0	.0	.0	.0	.4	.2	.0
3. SW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0
4. NE	.0	.3	.9	.0	.0	.0	.0	.0	.3	.0	.0	.2
5. ES mdblk	.0	.5	.2	.0	.0	.0	.0	.0	.1	.0	.0	.1
6. WN mdblk	.0	.1	1.2	.0	.0	.0	.0	.0	.0	.2	.1	.0
7. WS mdblk	.0	.2	.3	.0	.0	.0	.0	.0	.0	.1	.2	.0
8. EN mdblk	.0	1.3	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.7	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	1.4
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.6
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	1.5	.0
17. SE blk	.0	.0	.0	.0	1.1	.0	.0	.4	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.4	1.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.3	.0	.0	1.2	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.2	.4	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. PCHNBA	11	-150	11	0	AG	1680	7.4	.0	17.0
B. PCHNBD	11	0	11	150	AG	2123	7.4	.0	13.5
C. PCHNBL	5	-150	0	0	AG	133	7.4	.0	10.0
D. PCHSBA	-9	150	-9	0	AG	2028	7.4	.0	13.5
E. PCHSBD	-9	0	-9	-150	AG	2129	7.4	.0	10.0
F. PCHSBL	-5	150	0	0	AG	339	7.4	.0	10.0
G. StudebakeEBA	-150	-7	0	-7	AG	215	7.4	.0	10.0
H. StudebakeEBD	0	-7	150	-7	AG	407	7.4	.0	10.0
I. StudebakeEBL	-150	-5	0	0	AG	190	7.4	.0	10.0
J. StudebakeWBA	150	2	0	2	AG	340	7.4	.0	10.0
K. StudebakeWBD	0	2	-150	2	AG	343	7.4	.0	10.0
L. StudebakeWBL	150	2	0	0	AG	77	7.4	.0	10.0
M. PCHNBAX	11	-750	11	-150	AG	1813	7.4	.0	17.0
N. PCHNBDX	11	150	11	750	AG	2123	7.4	.0	13.5
O. PCHSBAX	-9	750	-9	150	AG	2367	7.4	.0	13.5
P. PCHSBDX	-9	-150	-9	-750	AG	2129	7.4	.0	10.0
Q. StudebakeEBA	-750	-7	-150	-7	AG	405	7.4	.0	10.0
R. StudebakeEBD	150	-7	750	-7	AG	407	7.4	.0	10.0
S. StudebakeWBA	750	2	150	2	AG	417	7.4	.0	10.0
T. StudebakeWBD	-150	2	-750	2	AG	343	7.4	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-14	1.8
2. NW	-17	8	1.8
3. SW	-15	-14	1.8
4. NE	19	8	1.8
5. ES mdblk	150	-14	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-14	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	21	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	19	150	1.8
13. ES blk	600	-14	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-14	1.8
16. EN blk	600	8	1.8
17. SE blk	21	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-15	-600	1.8
20. NE blk	19	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wPW-05 (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. SE	351.	3.0	.2	1.4	.0	.3	.0	.1	.0	.2
2. NW	8.	3.0	.0	.2	.0	1.7	.0	.2	.0	.0
3. SW	7.	3.5	.0	.3	.0	1.6	.4	.2	.1	.0
4. NE	352.	3.0	.0	1.8	.0	.2	.0	.0	.0	.0
5. ES mdblk	277.	1.3	.0	.1	.0	.1	.0	.0	.0	.4
6. WN mdblk	96.	1.2	.1	.0	.0	.0	.1	.0	.0	.0
7. WS mdblk	83.	1.2	.0	.1	.0	.1	.0	.0	.2	.0
8. EN mdblk	264.	1.3	.1	.0	.0	.0	.1	.0	.0	.2
9. SE mdblk	352.	2.7	1.3	.2	.0	.3	.2	.0	.0	.0
10. NW mdblk	172.	3.1	.3	.3	.0	1.8	.2	.2	.0	.0
11. SW mdblk	8.	3.3	.3	.3	.0	.2	1.9	.0	.0	.0
12. NE mdblk	188.	3.1	.2	1.8	.0	.2	.3	.0	.0	.0
13. ES blk	276.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	3.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	3.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	3.1	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-05 (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. SE	.0	.1	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.6	.3	.0	.0	.0	.0	.0
3. SW	.0	.0	.1	.0	.0	.5	.3	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.3	.6	.0	.0	.0	.0	.0
5. ES mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.4
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.5	.0
17. SE blk	.0	.0	.0	.0	1.7	.0	.0	.5	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.7	2.3	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.7	.0	.0	2.1	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	2.0	.7	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Bixby VilNBA	2	-150	2	0	AG	23	4.7	.0	10.0
B. Bixby VilNBD	2	0	2	150	AG	102	4.7	.0	10.0
C. Bixby VilNBL	2	-150	0	0	AG	29	4.7	.0	10.0
D. Bixby VilSBA	-4	150	-4	0	AG	78	4.7	.0	10.0
E. Bixby VilSBD	-4	0	-4	-150	AG	55	4.7	.0	10.0
F. Bixby VilSBL	-2	150	0	0	AG	43	4.7	.0	10.0
G. Loynes DrEBA	-150	-9	0	-9	AG	428	4.7	.0	13.5
H. Loynes DrEBD	0	-9	150	-9	AG	454	4.7	.0	10.0
I. Loynes DrEBL	-150	-5	0	0	AG	44	4.7	.0	10.0
J. Loynes DrWBA	150	7	0	7	AG	461	4.7	.0	10.0
K. Loynes DrWBD	0	7	-150	7	AG	509	4.7	.0	10.0
L. Loynes DrWBL	150	5	0	0	AG	14	4.7	.0	10.0
M. Bixby VilNBA	2	-750	2	-150	AG	52	4.7	.0	10.0
N. Bixby VilNBD	2	150	2	750	AG	102	4.7	.0	10.0
O. Bixby VilSBA	-4	750	-4	150	AG	121	4.7	.0	10.0
P. Bixby VilSBD	-4	-150	-4	-750	AG	55	4.7	.0	10.0
Q. Loynes DrEBA	-750	-9	-150	-9	AG	472	4.7	.0	13.5
R. Loynes DrEBD	150	-9	750	-9	AG	454	4.7	.0	10.0
S. Loynes DrWBA	750	7	150	7	AG	475	4.7	.0	10.0
T. Loynes DrWBD	-150	7	-750	7	AG	509	4.7	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	8	-15	1.8
2. NW	-10	14	1.8
3. SW	-10	-17	1.8
4. NE	8	14	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	14	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	8	-150	1.8
10. NW mdblk	-10	150	1.8
11. SW mdblk	-10	-150	1.8
12. NE mdblk	8	150	1.8
13. ES blk	600	-15	1.8
14. WN blk	-600	14	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	14	1.8
17. SE blk	8	-600	1.8
18. NW blk	-10	600	1.8
19. SW blk	-10	-600	1.8
20. NE blk	8	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wPW-06 (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. SE	276.	.6	.0	.0	.0	.0	.0	.0	.3	.0
2. NW	97.	.6	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	82.	.5	.0	.0	.0	.0	.0	.0	.0	.2
4. NE	263.	.7	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	277.	.6	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	97.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.6	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	263.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	356.	.2	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	174.	.3	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	3.	.2	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	186.	.3	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	355.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	4.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-06 (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. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
2. NW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.4
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	9	-150	9	0	AG	1655	5.6	.0	13.5
B. StudebakeNBD	9	0	9	150	AG	1881	5.6	.0	10.0
C. StudebakeNBL	5	-150	0	0	AG	0	5.6	.0	10.0
D. StudebakeSBA	-9	150	-9	0	AG	1686	5.6	.0	13.5
E. StudebakeSBD	-9	0	-9	-150	AG	1672	5.6	.0	10.0
F. StudebakeSBL	-5	150	0	0	AG	192	5.6	.0	10.0
G. Loynes DrEBA	-150	-11	0	-11	AG	274	5.6	.0	10.0
H. Loynes DrEBD	0	-11	150	-11	AG	487	5.6	.0	10.0
I. Loynes DrEBL	-150	-9	0	0	AG	173	5.6	.0	10.0
J. Loynes DrWBA	150	5	0	5	AG	322	5.6	.0	10.0
K. Loynes DrWBD	0	5	-150	5	AG	388	5.6	.0	10.0
L. Loynes DrWBL	150	5	0	0	AG	126	5.6	.0	10.0
M. StudebakeNBA	9	-750	9	-150	AG	1655	5.6	.0	13.5
N. StudebakeNBD	9	150	9	750	AG	1881	5.6	.0	10.0
O. StudebakeSBA	-9	750	-9	150	AG	1878	5.6	.0	13.5
P. StudebakeSBD	-9	-150	-9	-750	AG	1672	5.6	.0	10.0
Q. Loynes DrEBA	-750	-11	-150	-11	AG	447	5.6	.0	10.0
R. Loynes DrEBD	150	-11	750	-11	AG	487	5.6	.0	10.0
S. Loynes DrWBA	750	5	150	5	AG	448	5.6	.0	10.0
T. Loynes DrWBD	-150	5	-750	5	AG	388	5.6	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-17	1.8
2. NW	-17	12	1.8
3. SW	-15	-17	1.8
4. NE	15	12	1.8
5. ES mdblk	150	-17	1.8
6. WN mdblk	-150	12	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	12	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	15	150	1.8
13. ES blk	600	-17	1.8
14. WN blk	-600	12	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	12	1.8
17. SE blk	17	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-15	-600	1.8
20. NE blk	15	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wPW-07 (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. SE	351.	2.2	.3	.9	.0	.3	.0	.0	.0	.2
2. NW	172.	2.0	.2	.0	.0	.1	.9	.0	.0	.0
3. SW	7.	2.3	.0	.2	.0	.9	.3	.0	.0	.0
4. NE	187.	2.2	1.1	.2	.0	.0	.2	.0	.0	.0
5. ES mdblk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	96.	.9	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.9	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	263.	.9	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	2.0	1.1	.1	.0	.2	.1	.0	.0	.0
10. NW mdblk	172.	2.0	.2	.2	.0	1.1	.1	.0	.0	.0
11. SW mdblk	7.	2.1	.2	.2	.0	.1	1.2	.0	.0	.0
12. NE mdblk	188.	2.2	.1	1.3	.0	.2	.2	.0	.0	.0
13. ES blk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.8	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.8	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.2	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-07 (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. SE	*	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.1	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	*	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0
4. NE	*	.0	.1	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.4
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.1
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.0
17. SE blk	*	.0	.0	.0	.0	1.3	.0	.0	.4	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.4	1.4	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.5	.0	.0	1.3	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.4	.5	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-120	5	0	AG	1887	5.1	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	707	5.1	.0	10.0
C. StudebakeNBL	2	-120	0	0	AG	0	5.1	.0	10.0
D. StudebakeSBA	-7	120	-7	0	AG	1799	5.1	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	1857	5.1	.0	10.0
F. StudebakeSBL	-5	120	0	0	AG	152	5.1	.0	10.0
G. SR-22 EB EBA	-120	0	0	0	AG	0	5.1	.0	10.0
H. SR-22 EB EBD	0	0	150	0	AG	1375	5.1	.0	10.0
I. SR-22 EB EBL	-120	-2	0	0	AG	0	5.1	.0	10.0
J. SR-22 EB WBA	120	9	0	9	AG	43	5.1	.0	10.0
K. SR-22 EB WBD	0	9	-150	9	AG	0	5.1	.0	10.0
L. SR-22 EB WBL	120	9	0	0	AG	58	5.1	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	1887	5.1	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	707	5.1	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	1951	5.1	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	1857	5.1	.0	10.0
Q. SR-22 EB EBA	-750	0	-150	0	AG	0	5.1	.0	10.0
R. SR-22 EB EBD	150	0	750	0	AG	1375	5.1	.0	10.0
S. SR-22 EB WBA	750	9	150	9	AG	101	5.1	.0	10.0
T. SR-22 EB WBD	-150	9	-750	9	AG	0	5.1	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	15	1.8
3. SW	-14	-7	1.8
4. NE	12	15	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	15	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	15	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wPW-08 (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. SE	188.	1.8	1.1	.0	.0	.0	.3	.0	.0	.0
2. NW	172.	1.9	.3	.0	.0	.3	.9	.0	.0	.0
3. SW	85.	2.0	.3	.0	.0	.0	.6	.0	.0	.7
4. NE	187.	2.1	.9	.0	.0	.0	.3	.0	.0	.3
5. ES mdblk	280.	1.2	.0	.0	.0	.1	.0	.0	.0	.9
6. WN mdblk	93.	.5	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	89.	.5	.0	.0	.0	.0	.0	.0	.0	.1
8. EN mdblk	256.	.7	.1	.0	.0	.0	.1	.0	.0	.4
9. SE mdblk	188.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	8.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	9.	1.9	.4	.0	.0	.0	1.2	.0	.0	.0
12. NE mdblk	186.	1.4	.1	.5	.0	.2	.2	.0	.0	.0
13. ES blk	277.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	92.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	90.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	.8	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.3	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-08 (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. SE	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.3	.0	.0	.1	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
4. NE	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	1.3	.0	.0	.5	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.3	1.4	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	.0
17. SE blk	.0	.0	.0	.0	1.3	.0	.0	.5	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.3	1.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.6	.0	.0	1.3	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.6	.5	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-150	5	0	AG	701	5.6	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	626	5.6	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	5.6	.0	10.0
D. StudebakeSBA	-7	150	-7	0	AG	892	5.6	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	1975	5.6	.0	10.0
F. StudebakeSBL	-5	150	0	0	AG	57	5.6	.0	10.0
G. SR-22 WB EBA	-150	0	0	0	AG	0	5.6	.0	10.0
H. SR-22 WB EBD	0	0	150	0	AG	133	5.6	.0	10.0
I. SR-22 WB EBL	-150	-2	0	0	AG	0	5.6	.0	10.0
J. SR-22 WB WBA	150	9	0	9	AG	1	5.6	.0	10.0
K. SR-22 WB WBD	0	9	-150	9	AG	0	5.6	.0	10.0
L. SR-22 WB WBL	150	9	0	0	AG	1083	5.6	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	701	5.6	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	626	5.6	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	949	5.6	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	1975	5.6	.0	10.0
Q. SR-22 WB EBA	-750	0	-150	0	AG	0	5.6	.0	10.0
R. SR-22 WB EBD	150	0	750	0	AG	133	5.6	.0	10.0
S. SR-22 WB WBA	750	9	150	9	AG	1084	5.6	.0	10.0
T. SR-22 WB WBD	-150	9	-750	9	AG	0	5.6	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	15	1.8
3. SW	-14	-7	1.8
4. NE	12	15	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	15	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	15	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wPW-09 (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. SE	352.	1.3	.0	.4	.0	.2	.0	.0	.0	.0
2. NW	173.	1.7	.2	.0	.0	.1	1.1	.0	.0	.0
3. SW	173.	1.9	.1	.0	.0	.0	1.3	.0	.0	.0
4. NE	187.	1.6	.5	.0	.0	.0	.4	.0	.0	.0
5. ES mdblk	281.	.7	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	93.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	88.	.5	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	257.	1.1	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	188.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	174.	1.3	.1	.1	.0	.7	.2	.0	.0	.0
11. SW mdblk	8.	1.9	.2	.0	.0	.0	1.4	.0	.0	.0
12. NE mdblk	186.	1.2	.0	.5	.0	.2	.2	.0	.0	.0
13. ES blk	277.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	92.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	90.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	1.1	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-09 (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. SE	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
4. NE	.0	.0	.0	.3	.1	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0
7. WS mdblk	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.6	.0	.0	.6	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0
17. SE blk	.0	.0	.0	.0	.6	.0	.0	.6	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.3	.8	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.3	.0	.0	1.5	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.6	.3	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-10 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	0	-150	0	0	AG	0	6.4	.0	10.0
B. StudebakeNBD	0	0	0	150	AG	1861	6.4	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	6.4	.0	10.0
D. StudebakeSBA	-11	150	-11	0	AG	1283	6.4	.0	10.0
E. StudebakeSBD	-11	0	-11	-150	AG	0	6.4	.0	10.0
F. StudebakeSBL	-9	150	0	0	AG	401	6.4	.0	10.0
G. 2nd St.EBA	-150	-11	0	-11	AG	325	6.4	.0	10.0
H. 2nd St.EBD	0	-11	150	-11	AG	726	6.4	.0	10.0
I. 2nd St.EBL	-150	-9	0	0	AG	1586	6.4	.0	10.0
J. 2nd St.WBA	150	5	0	5	AG	722	6.4	.0	13.5
K. 2nd St.WBD	0	5	-150	5	AG	1730	6.4	.0	10.0
L. 2nd St.WBL	150	2	0	0	AG	0	6.4	.0	10.0
M. StudebakeNBA	0	-750	0	-150	AG	0	6.4	.0	10.0
N. StudebakeNBD	0	150	0	750	AG	1861	6.4	.0	10.0
O. StudebakeSBA	-11	750	-11	150	AG	1684	6.4	.0	10.0
P. StudebakeSBD	-11	-150	-11	-750	AG	0	6.4	.0	10.0
Q. 2nd St.EBAX	-750	-11	-150	-11	AG	1911	6.4	.0	10.0
R. 2nd St.EBDX	150	-11	750	-11	AG	726	6.4	.0	10.0
S. 2nd St.WBAX	750	5	150	5	AG	722	6.4	.0	13.5
T. 2nd St.WBDX	-150	5	-750	5	AG	1730	6.4	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-10 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	7	-17	1.8
2. NW	-17	12	1.8
3. SW	-17	-17	1.8
4. NE	7	14	1.8
5. ES mdblk	150	-17	1.8
6. WN mdblk	-150	12	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	7	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-17	-150	1.8
12. NE mdblk	7	150	1.8
13. ES blk	600	-17	1.8
14. WN blk	-600	12	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	14	1.8
17. SE blk	7	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-17	-600	1.8
20. NE blk	7	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wPW-10 (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. SE	353.	2.8	.0	1.1	.0	.4	.0	.3	.0	.3
2. NW	261.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	6.	2.9	.0	.4	.0	.8	.0	.2	.1	.0
4. NE	261.	3.4	.0	.8	.0	.3	.0	.2	.0	.0
5. ES mdblk	277.	1.7	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mdblk	98.	2.3	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	278.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	265.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	357.	1.1	.0	.2	.0	.2	.0	.0	.0	.0
10. NW mdblk	8.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	2.	1.1	.0	.2	.0	.2	.0	.0	.0	.0
12. NE mdblk	193.	2.5	.0	1.5	.0	.5	.0	.2	.0	.0
13. ES blk	277.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	358.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	360.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.6	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-10 (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. SE	.0	.2	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
2. NW	.5	.0	1.4	.0	.0	.0	.0	.0	.4	.0	.0	.2
3. SW	.4	.0	.3	.0	.0	.3	.2	.0	.0	.0	.0	.0
4. NE	.5	.0	1.1	.0	.0	.0	.0	.0	.3	.0	.0	.2
5. ES mdblk	.2	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.2
6. WN mdblk	.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	1.7	.0	.0	.6
8. EN mdblk	.2	.5	.2	.0	.0	.0	.0	.0	.2	.0	.0	.2
9. SE mdblk	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.8	1.5	.0	.0	.0	.0	.0
11. SW mdblk	.1	.0	.1	.0	.0	.2	.2	.0	.0	.0	.0	.0
12. NE mdblk	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.3	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	1.5
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.7	.0	.0	.6
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.7	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.7	1.5	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.6	.7	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-11 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	3. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. StudebakeNBA	5	-150	5	0	AG	1909	5.1	.0	13.5
B. StudebakeNBD	5	0	5	150	AG	1909	5.1	.0	10.0
C. StudebakeNBL	2	-150	0	0	AG	0	5.1	.0	10.0
D. StudebakeSBA	-7	150	-7	0	AG	1951	5.1	.0	10.0
E. StudebakeSBD	-7	0	-7	-150	AG	1951	5.1	.0	10.0
F. StudebakeSBL	-5	150	0	0	AG	1	5.1	.0	10.0
G. AES PlantEBA	-150	0	0	0	AG	0	5.1	.0	10.0
H. AES PlantEBD	0	0	150	0	AG	1	5.1	.0	10.0
I. AES PlantEBL	-150	-2	0	0	AG	0	5.1	.0	10.0
J. AES PlantWBA	150	2	0	2	AG	0	5.1	.0	10.0
K. AES PlantWBD	0	2	-150	2	AG	0	5.1	.0	10.0
L. AES PlantWBL	150	2	0	0	AG	0	5.1	.0	10.0
M. StudebakeNBA	5	-750	5	-150	AG	1909	5.1	.0	13.5
N. StudebakeNBD	5	150	5	750	AG	1909	5.1	.0	10.0
O. StudebakeSBA	-7	750	-7	150	AG	1952	5.1	.0	10.0
P. StudebakeSBD	-7	-150	-7	-750	AG	1951	5.1	.0	10.0
Q. AES PlantEBA	-750	0	-150	0	AG	0	5.1	.0	10.0
R. AES PlantEBD	150	0	750	0	AG	1	5.1	.0	10.0
S. AES PlantWBA	750	2	150	2	AG	0	5.1	.0	10.0
T. AES PlantWBD	-150	2	-750	2	AG	0	5.1	.0	10.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-11 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	8	1.8
3. SW	-14	-7	1.8
4. NE	12	8	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	8	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Long Beach Home Depot
RUN: 2006wPW-11 (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. SE	188.	1.9	1.1	.0	.0	.0	.3	.0	.0	.0
2. NW	173.	2.0	.3	.0	.0	.0	1.1	.0	.0	.0
3. SW	172.	2.1	.4	.0	.0	.0	1.2	.0	.0	.0
4. NE	187.	2.1	1.2	.0	.0	.0	.3	.0	.0	.0
5. ES mdblk	337.	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	158.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	23.	.3	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	203.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	1.9	1.2	.1	.0	.2	.3	.0	.0	.0
10. NW mdblk	173.	2.0	.2	.3	.0	1.2	.1	.0	.0	.0
11. SW mdblk	8.	2.1	.4	.2	.0	.0	1.2	.0	.0	.0
12. NE mdblk	187.	2.0	.1	1.2	.0	.3	.2	.0	.0	.0
13. ES blk	232.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	129.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	128.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	232.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.1	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Long Beach Home Depot
RUN: 2006wPW-11 (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. SE	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	1.3	.0	.0	.5	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.5	1.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.6	.0	.0	1.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.3	.5	.0	.0	.0	.0	.0