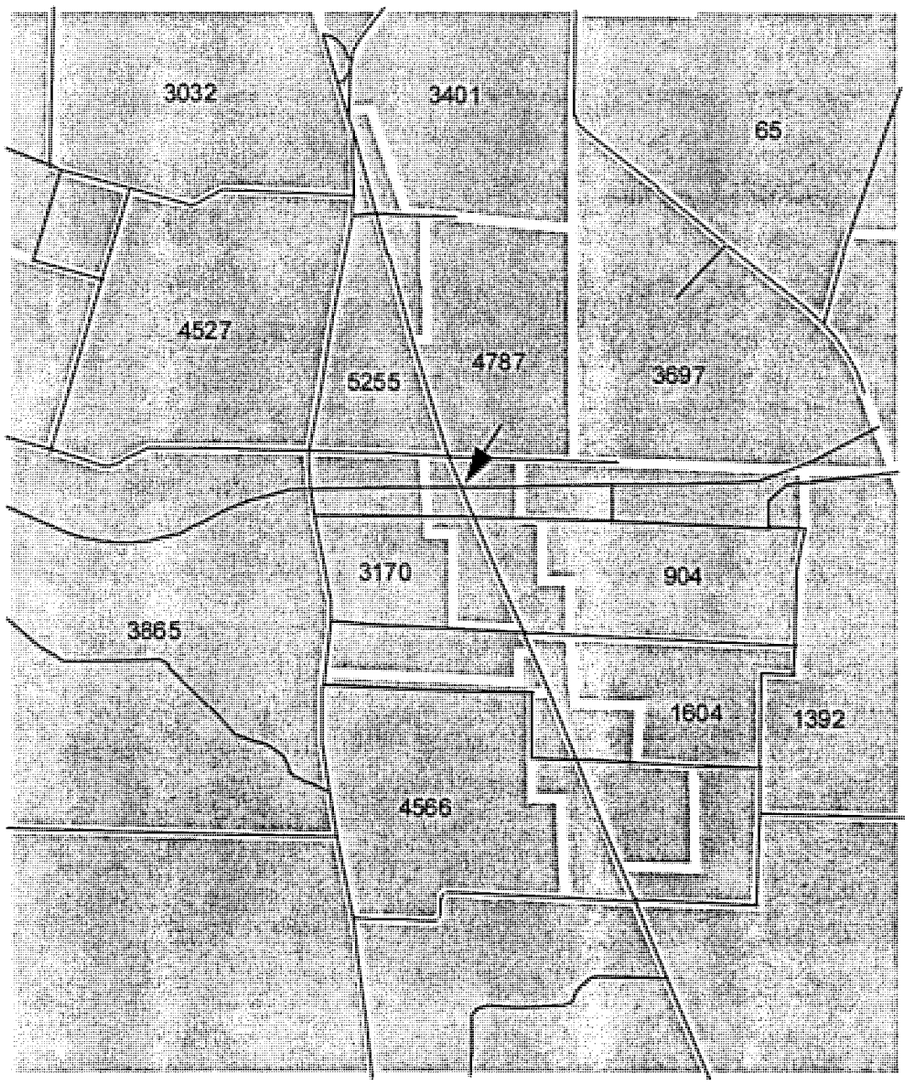
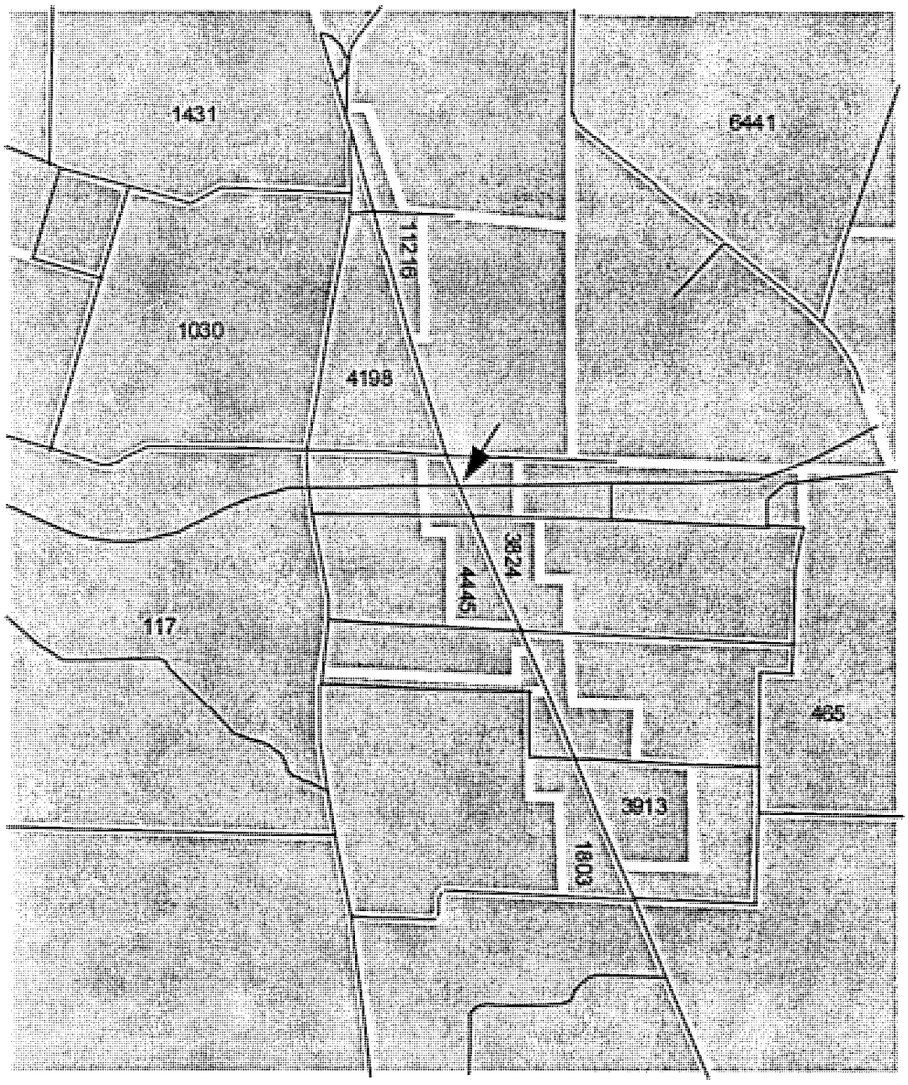
TAZ DENSITY AND AVERAGE DENSITY CALCULATIONS

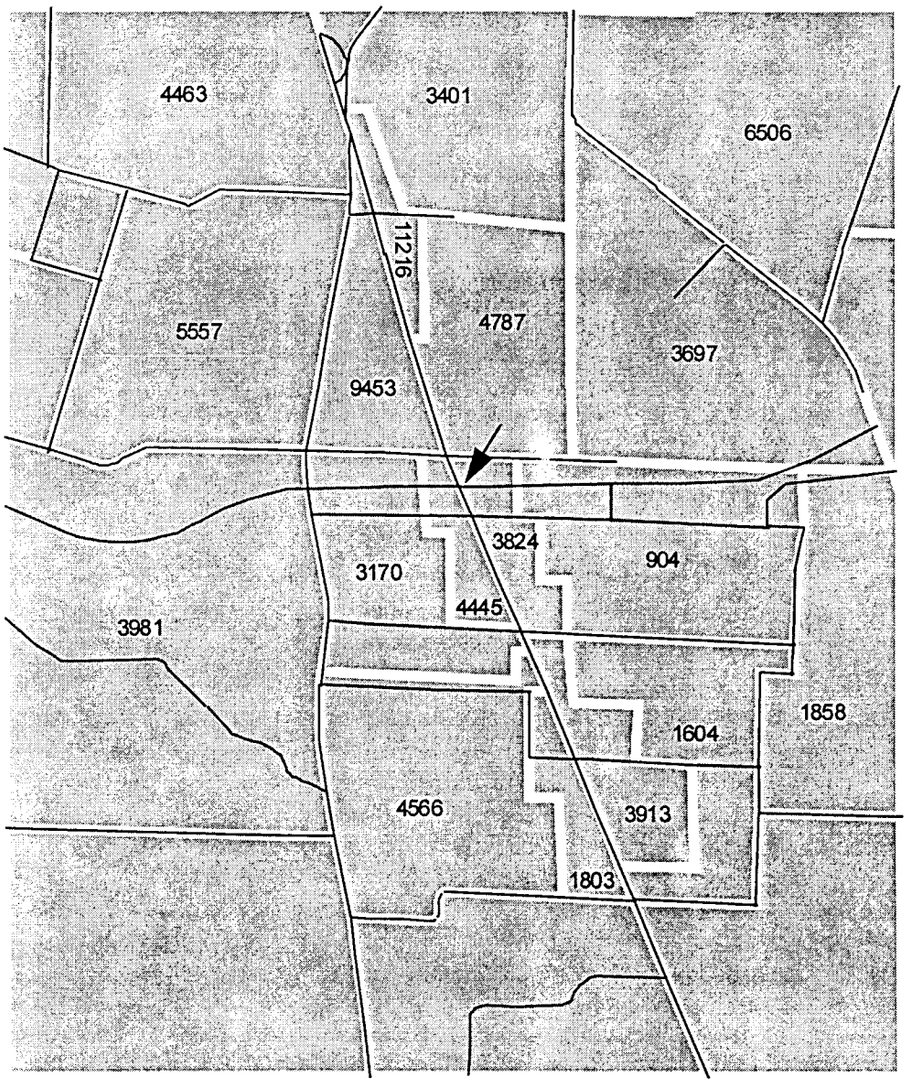
Commercial @ Kuebler
Population Density
(people per square mile)



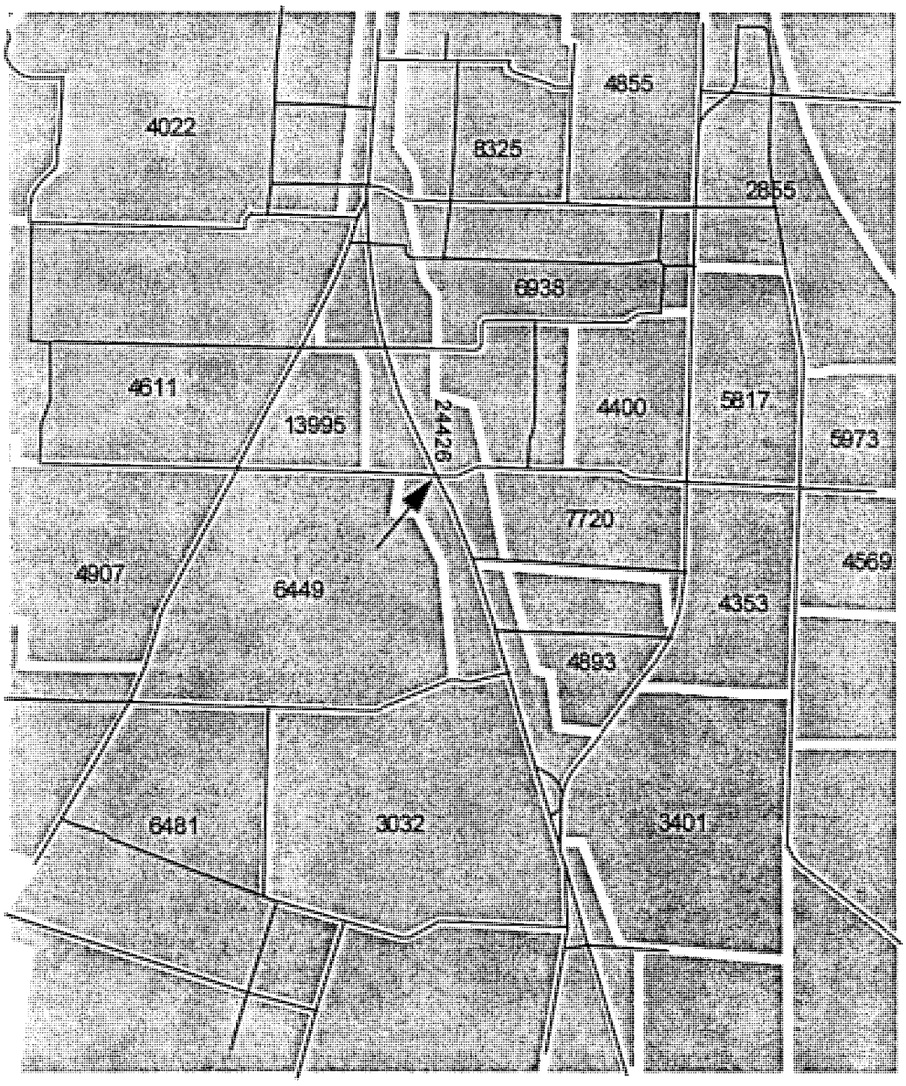
Commercial @ Kuebler
Employment Density
(employees per square mile)



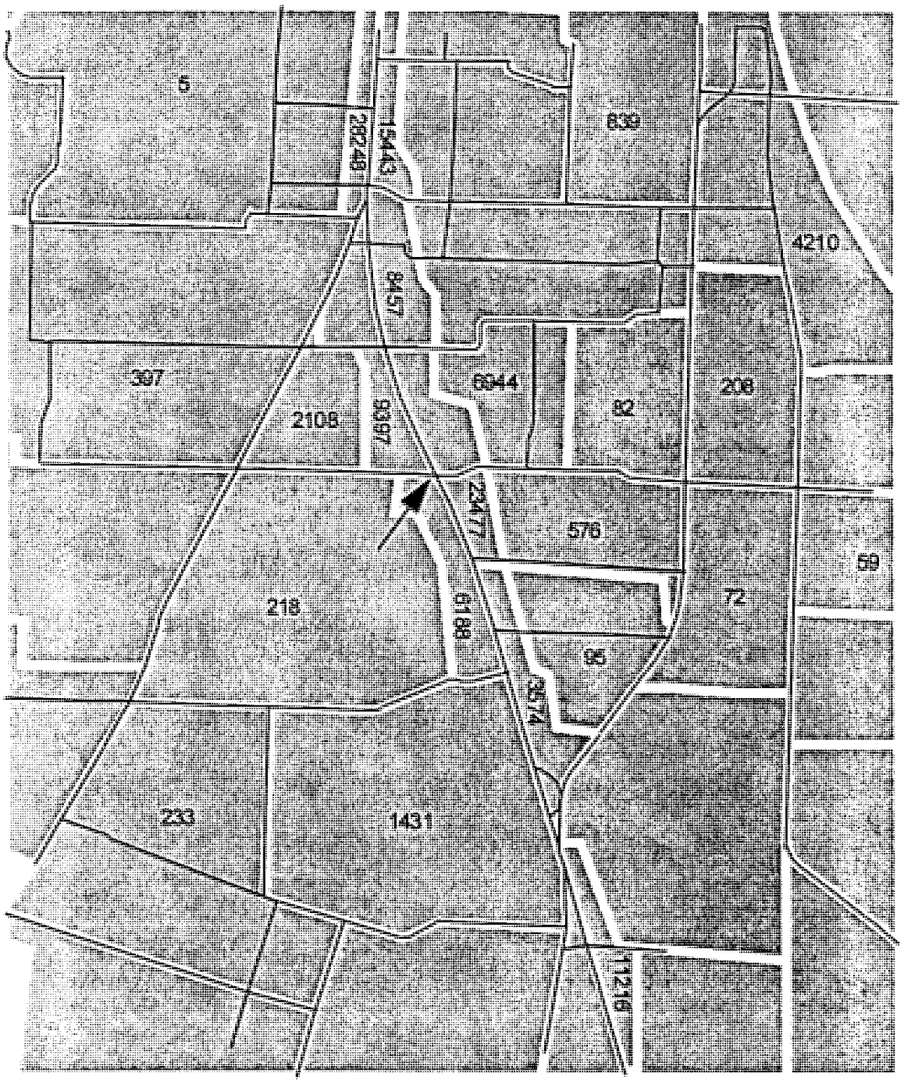
Commercial @ Kuebler
Population and Employment Density
(people and employees per square mile)



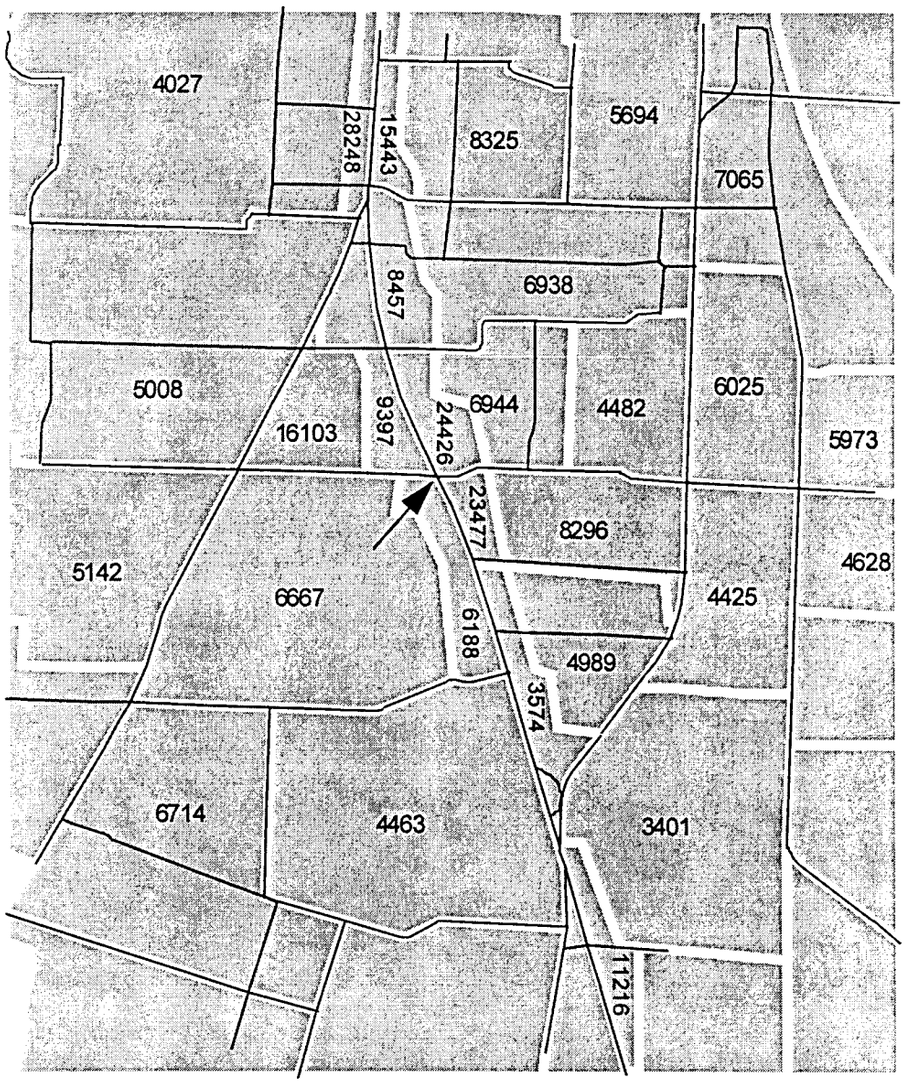
Commercial @ Madrona
Population Density
(people per square mile)



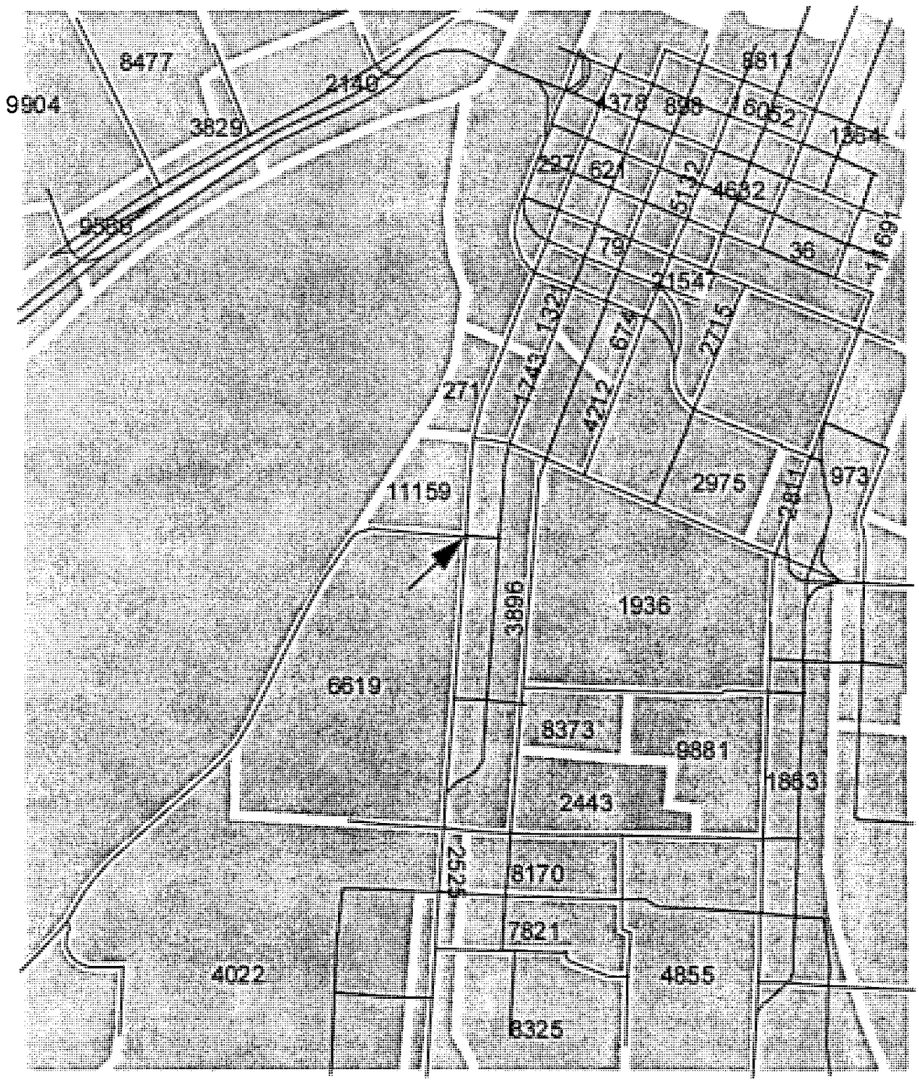
Commercial @ Madrona
Employment Density
(employees per square mile)



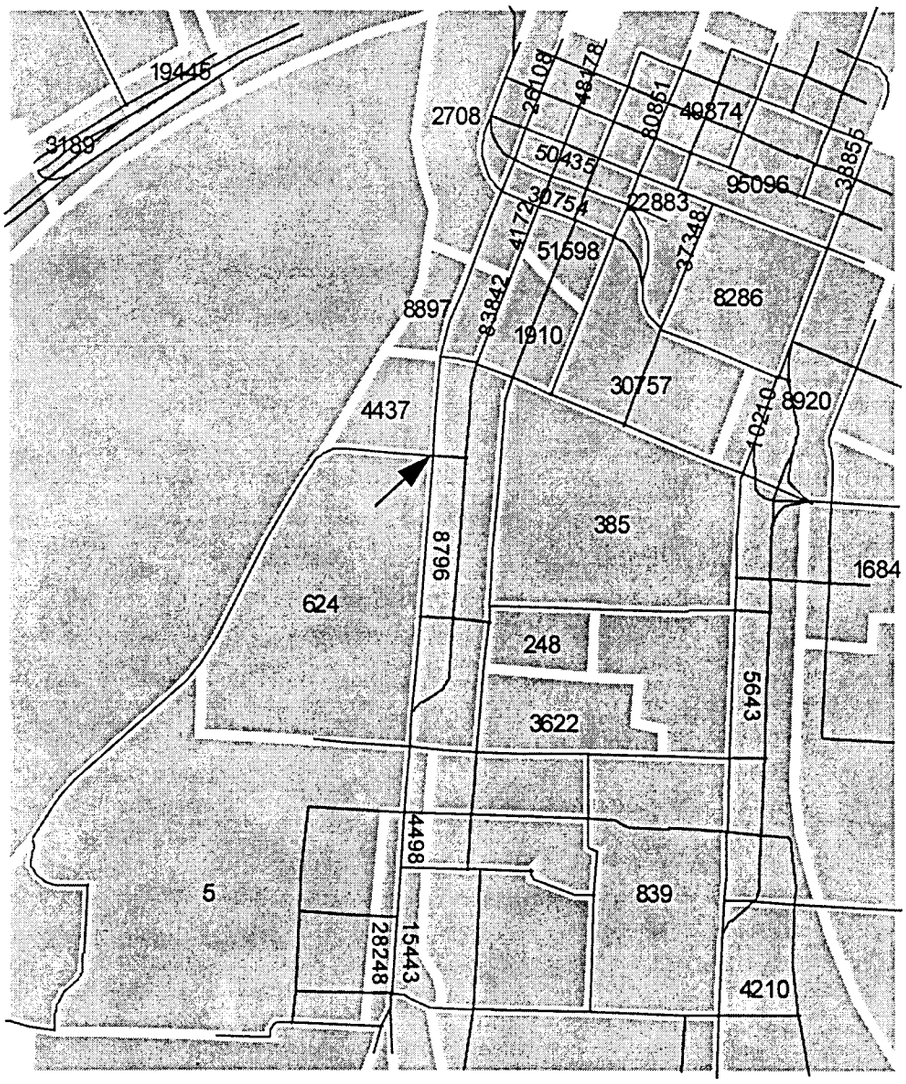
Commercial @ Madrona
Population and Employment Density
(people and employees per square mile)



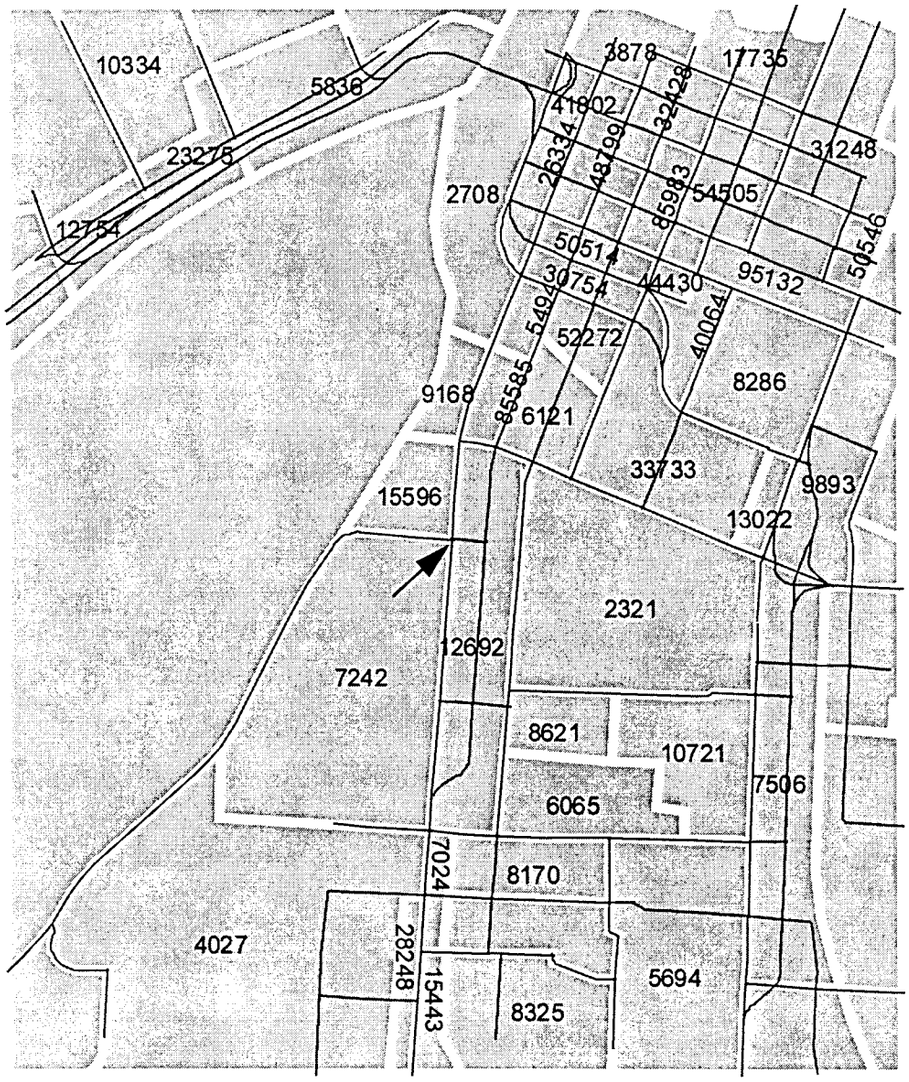
Commercial @ Owens
Population Density
(people per square mile)



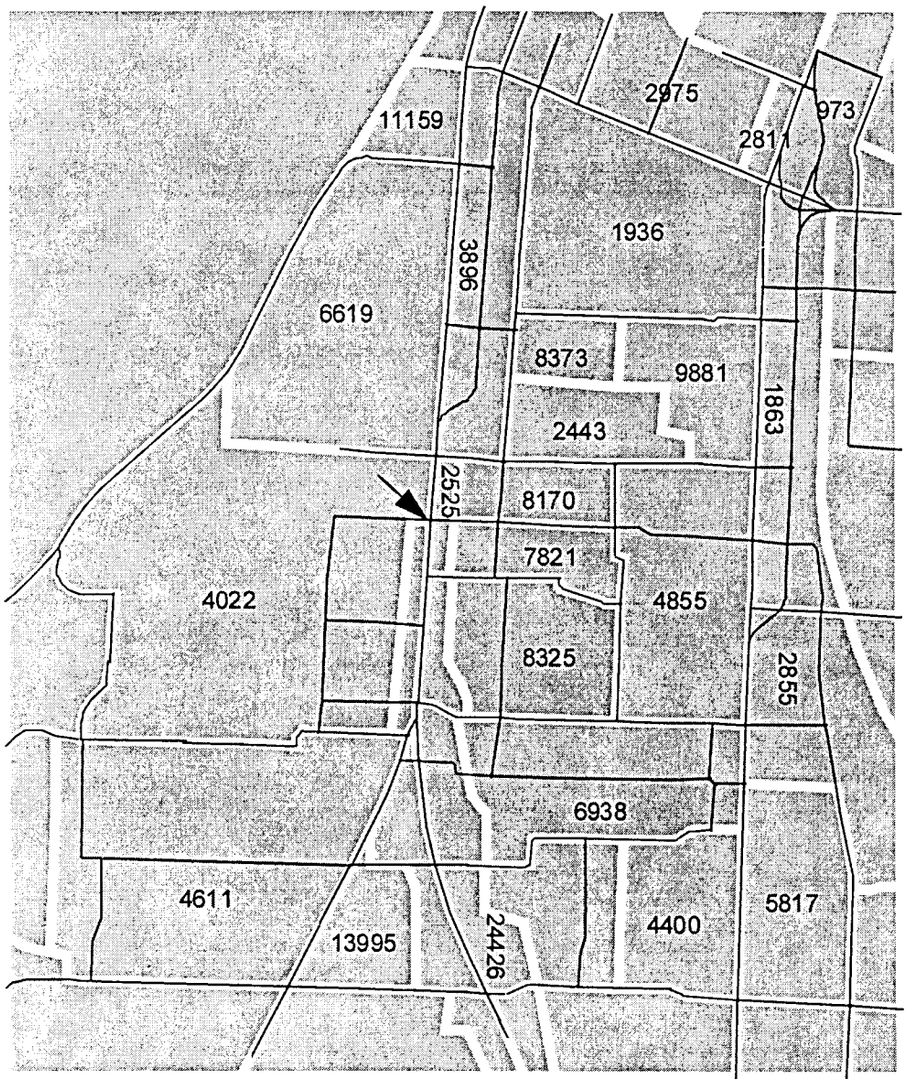
Commercial @ Owens
Employment Density
(employees per square mile)



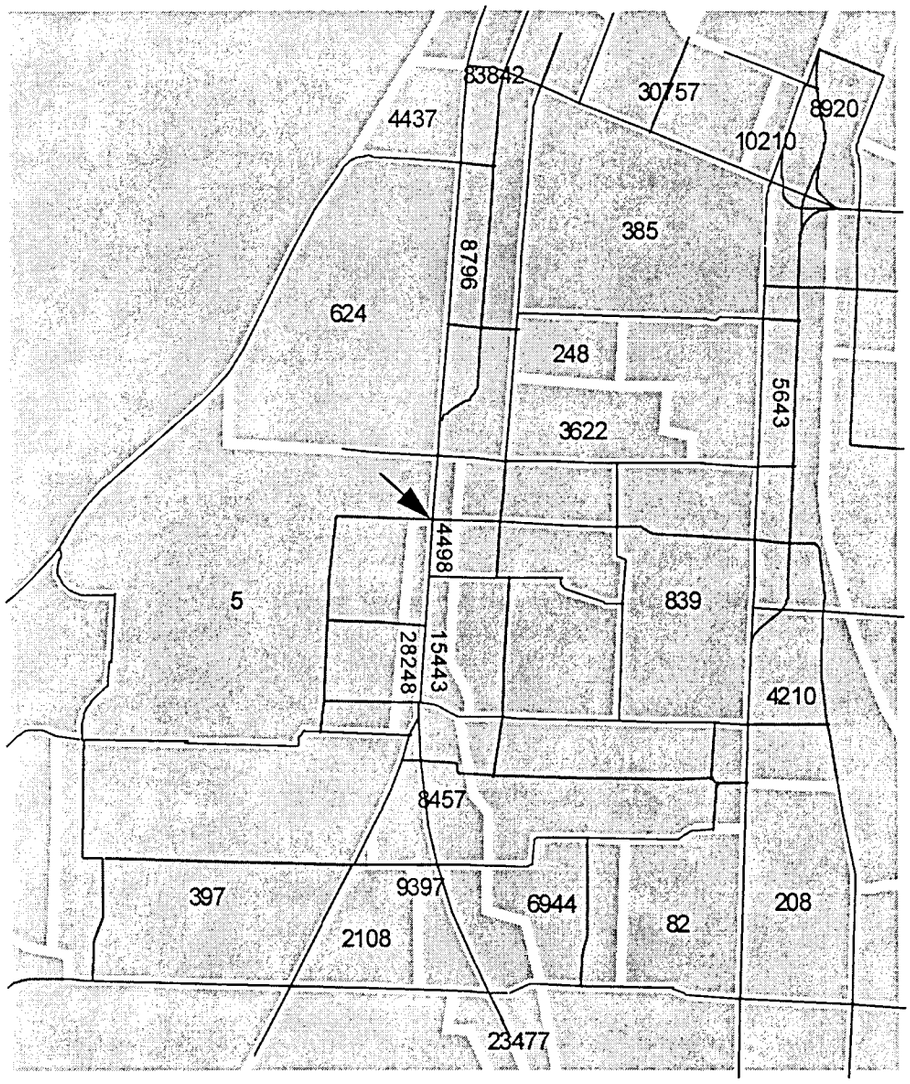
Commercial @ Owens
Population and Employment Density
(people and employees per square mile)



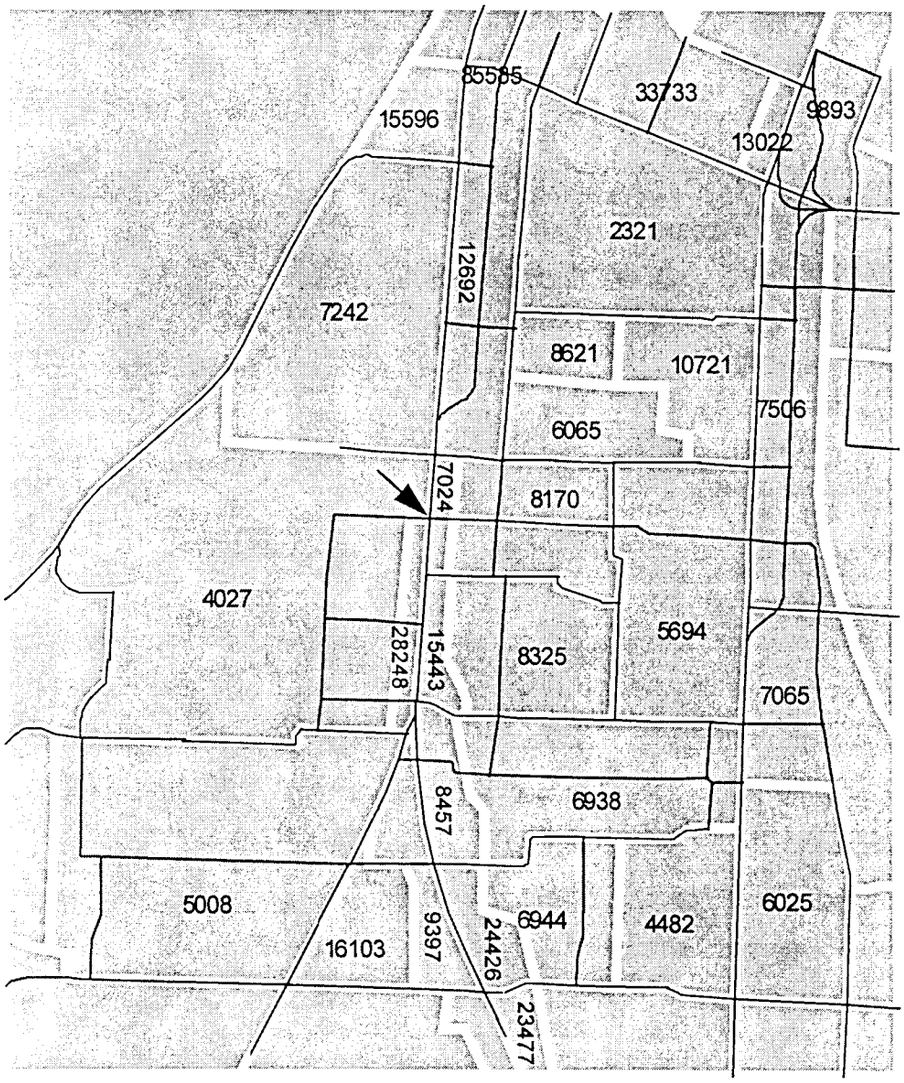
Commercial @ Hoyt
Population Density
(people per square mile)



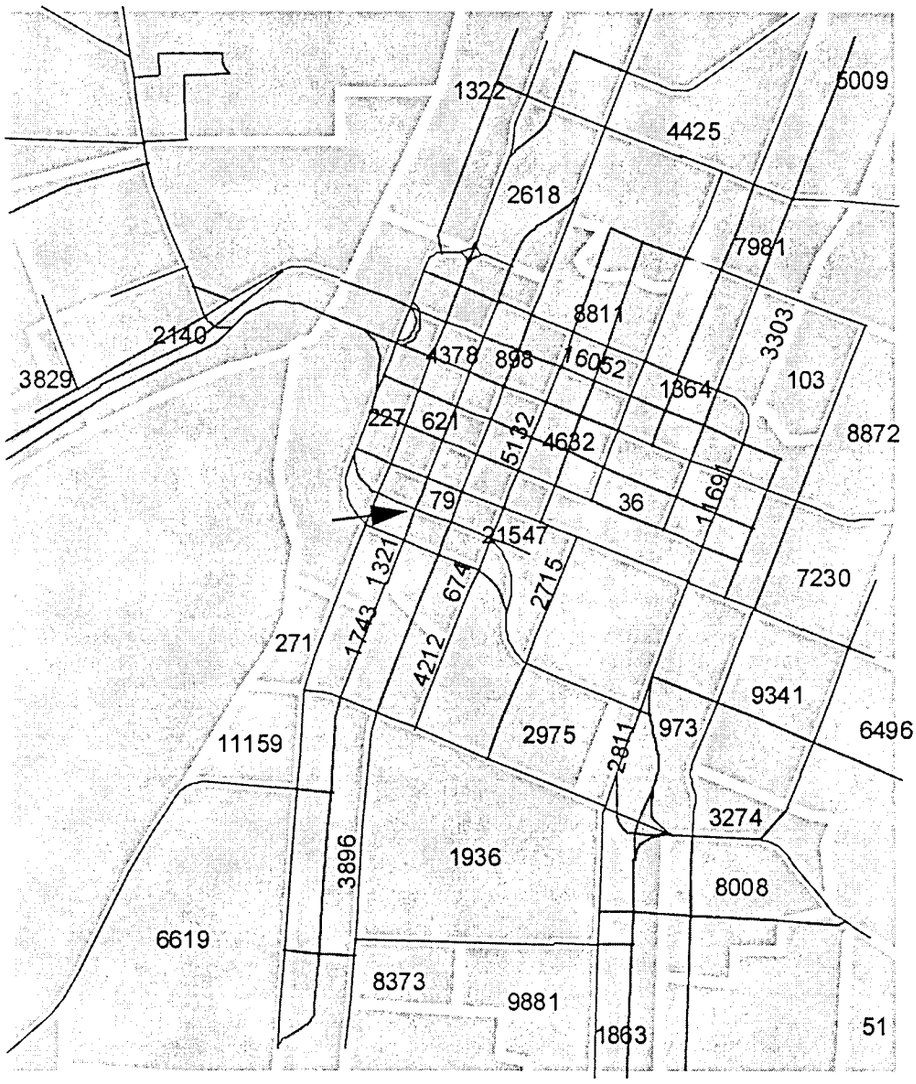
Commercial @ Hoyt
Employment Density
(employees per square mile)



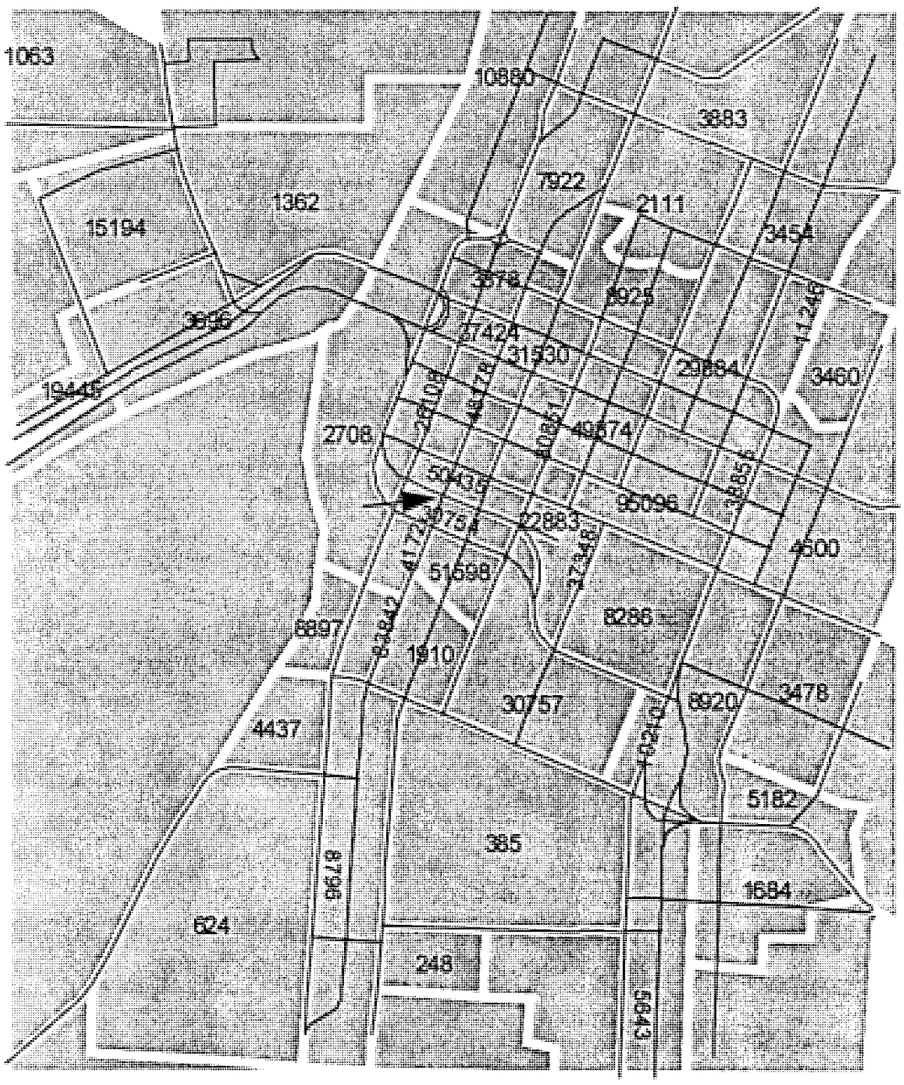
Commercial @ Hoyt
Population and Employment Density
(people and employees per square mile)



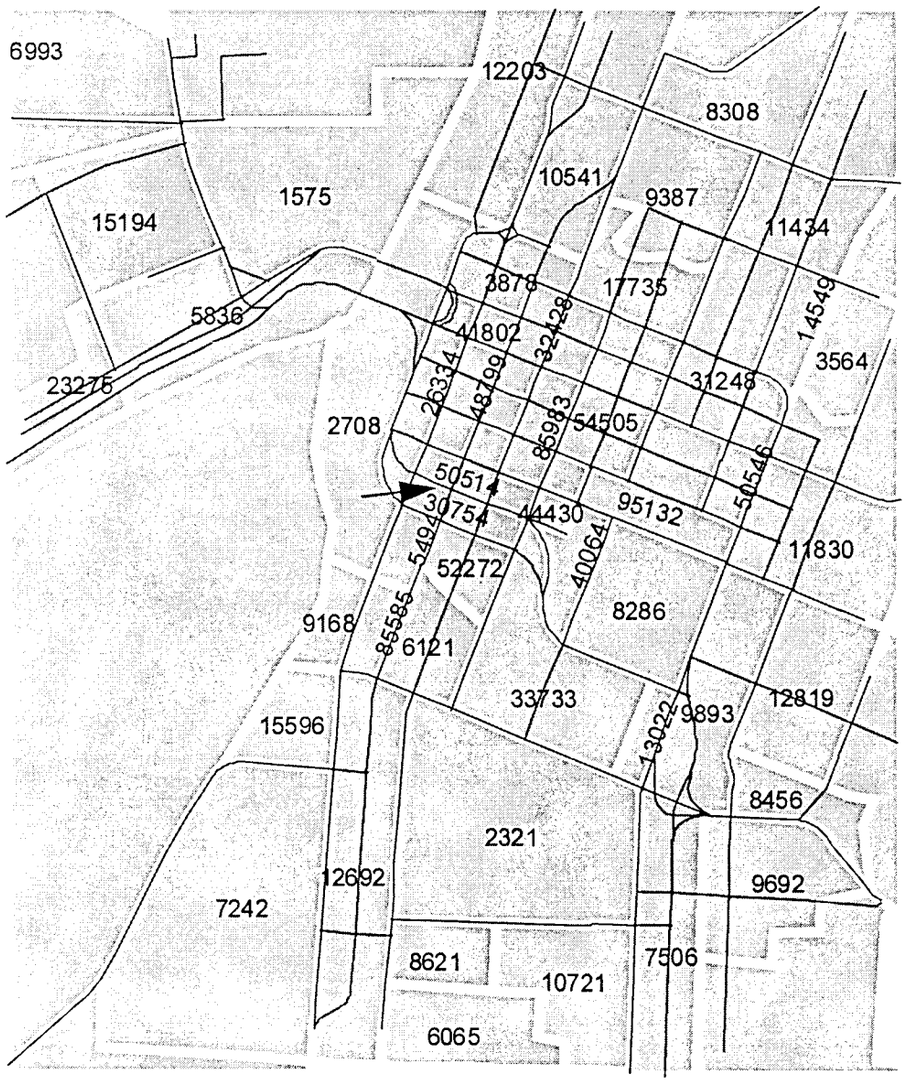
Ferry @ Liberty
Population Density
(people per square mile)



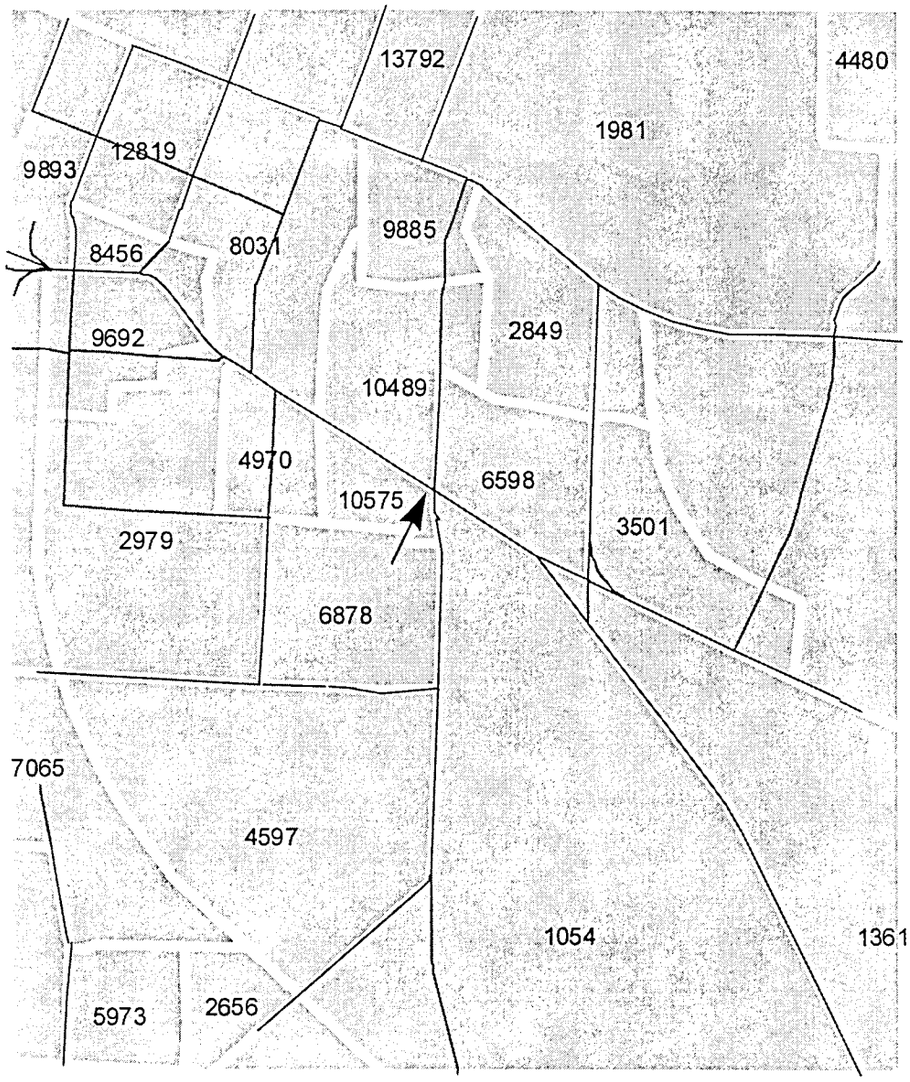
Ferry @ Liberty
Employment Density
(employees per square mile)



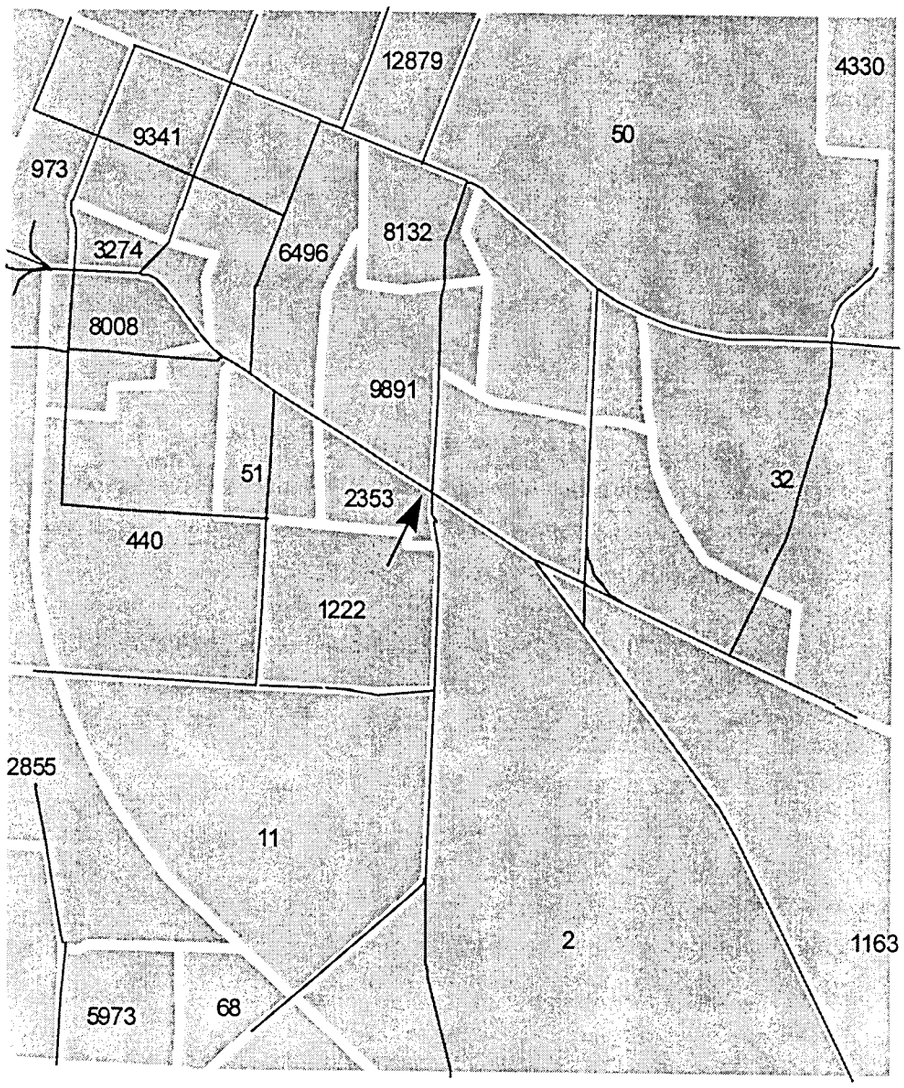
Ferry @ Liberty
Population and Employment Density
(people and employees per square mile)



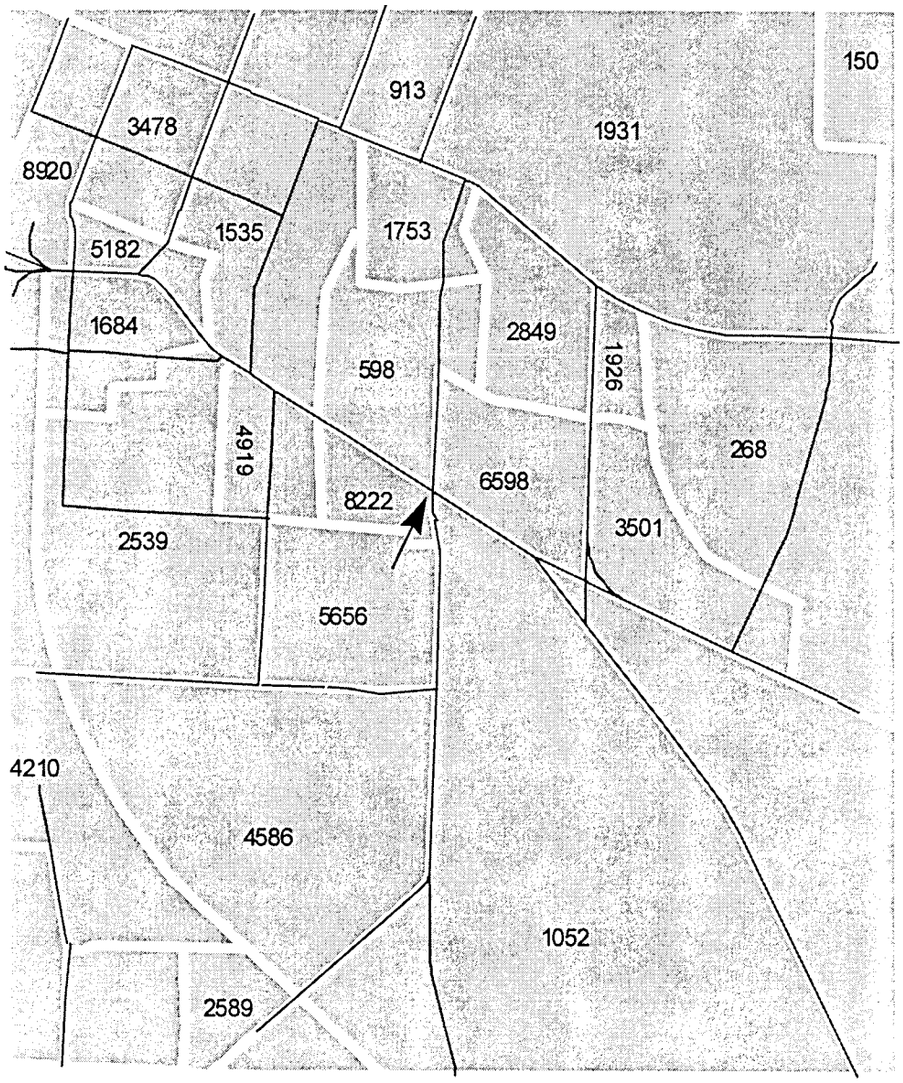
Mission @ 25th
Population and Employment Density
(people and employees per square mile)



Mission @ 25th
Population Density
(people per square mile)



Mission @ 25th
Employment Density
(employees per square mile)



Calculation of Average Densities

For each intersection, average density of the adjacent TAZ's was weighted by TAZ area.

Location 1: SB Commercial at Kuebler

		All density per sq. mile.		
TAZ	**Area (sq. mile)**	**Pop.Density**	**Emp. Density**	**Comb. Density**
NW quad.	0.09362	5255	4198	9453
NE quad.	0.15719	4787	0	4787
SW quad.	0.03397	0	4445	4445
SE quad.	0.04498	0	3824	3824
	Weighted Average:	**3774**	**2171**	**5945**

Location 2: NB Commercial at Madrona

		All density per sq. mile.		
TAZ	**Area (sq. mile)**	**Pop.Density**	**Emp. Density**	**Comb. Density**
NW quad.	0.04906	0	9397	9397
NE quad.	0.02997	24426	0	24426
SW quad.	0.03960	0	6188	6188
SE quad.	0.01712	0	23477	23477
	Weighted Average:	**5393**	**8162**	**13555**

Location 3: SB Commercial at Owens

		All density per sq. mile.		
TAZ	**Area (sq. mile)**	**Pop.Density**	**Emp. Density**	**Comb. Density**
NW quad.	0.03764	11159	437	11596
East Side	0.12141	3896	8796	12692
SW quad.	0.23570	6619	624	7243
	Weighted Average:	**6214**	**3120**	**9334**

Location 4: NB Commercial at Hoyt

		All density per sq. mile.		
TAZ	**Area (sq. mile)**	**Pop.Density**	**Emp. Density**	**Comb. Density**
NW quad.	0.42915	4022	5	4027
East Side	0.01267	2525	4498	7023
SW quad.	0.02121	0	28248	28248
	Weighted Average:	**3797**	**1422**	**5218**

Location 5: WB Ferry at Liberty

		All density per sq. mile.		
TAZ	**Area (sq. mile)**	**Pop.Density**	**Emp. Density**	**Comb. Density**
North Side	0.02528	79	50345	50424
South Side	0.01863	0	30754	30754
	Weighted Average:	**45**	**42033**	**42078**

Location 4: NB Commercial at Hoyt

		All density per sq. mile.		
TAZ	**Area (sq. mile)**	**Pop.Density**	**Emp. Density**	**Comb. Density**
NW quad.	0.11536	9891	598	10489
NE quad.	0.09897	0	6598	6598
SW quad.	0.04038	2353	8222	10575
	Weighted Average:	**4853**	**4138**	**8991**

Note: SE quad. not included. This TAZ is represents the airport, which has relatively low densities and a large area. Inclusion of this zone would skew the average density. The arterial approaches are adjacent to the NE and SW quads, which were included.