Grand Avenue
Northwest Corridor Study

WORKING PAPER NO. 2

CURRENT AND PROJECTED SOCIOECONOMIC CONDITIONS

April 12, 2001

Prepared for

MARICOPA ASSOCIATION of GOVERNMENTS

Prepared by

URS

In association with BRW and A. Dye Design

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EXECUTIVE SUMMARY

This working paper presents the current and projected socioeconomic conditions for the Grand Avenue Northwest Corridor influence area bounded by SR 74 on the north, Northern Avenue on the south, 67th Avenue on the east and Rooks Road on the west.

The official Maricopa Association of Government (MAG) socioeconomic projections of population and employment are documented in this paper. A sensitivity analysis will be conducted later in the study that will determine the impact to future Grand Avenue traffic volumes if population and employment growth in the influence area are higher than the MAG projections for year 2025. To conduct the sensitivity analysis, an alternative higher growth scenario for year 2025 was developed for the influence area based on MAG 303 Alternative Alignment Projections for the years 2020 and 2040.

As shown in the table below, the MAG population projections for the influence area are expected to almost double between the years 2000 and 2025, while employment is expected to increase 166%. The total study area population for the Alternative Higher Growth Projections exceeds the MAG 2025 Projections estimate by 20 percent. Total study area employment for the Alternative Higher Growth Projections exceeds the MAG 2025 Projections estimate by 40 percent.

Comparison of Socioeconomic Projections
Grand Avenue Northwest Corridor Area of Influence

Projections	Population	Employment
2000 MAG Adopted	223,000	45,000
2025 MAG Design	437,000	120,000
2025 Alternative Higher Growth	526,000	167,000

Both the MAG 2025 Design Projections and the 2025 Alternative Higher Growth Projections will be an input into the MAG regional traffic forecast model. The two sets of traffic forecasts will then be used to choose appropriate year 2025 design volumes for the corridor. These design volumes will be used to identify transportation improvements that provide adequate capacity in the corridor.

1.0 Introduction and Purpose

This working paper presents the current and projected socioeconomic conditions for the Grand Avenue Northwest Corridor influence area bounded by SR 74 on the north, Northern Avenue on the south, 67th Avenue on the east and Rooks Road on the west.

The official Maricopa Association of Government (MAG) socioeconomic projections of population and employment, documented in this paper, will be an input into the MAG regional traffic forecast model to develop traffic forecasts for the corridor. The resulting traffic forecasts will be presented in Working Paper #6. In addition to the MAG forecasts, an alternative higher growth scenario for year 2025 was developed for the influence area to be used in a sensitivity analysis. Traffic forecasts will also be generated using the alternative higher growth projections. These traffic forecasts when compared to the MAG traffic forecasts provide a means of determining the impact to future Grand Avenue traffic volumes if population and employment growth in the influence area are higher than the MAG projections.

The two sets of traffic forecasts will be used to choose appropriate year 2025 design volumes for the corridor. The design volumes will be used to identify transportation improvements that provide adequate capacity in the corridor.

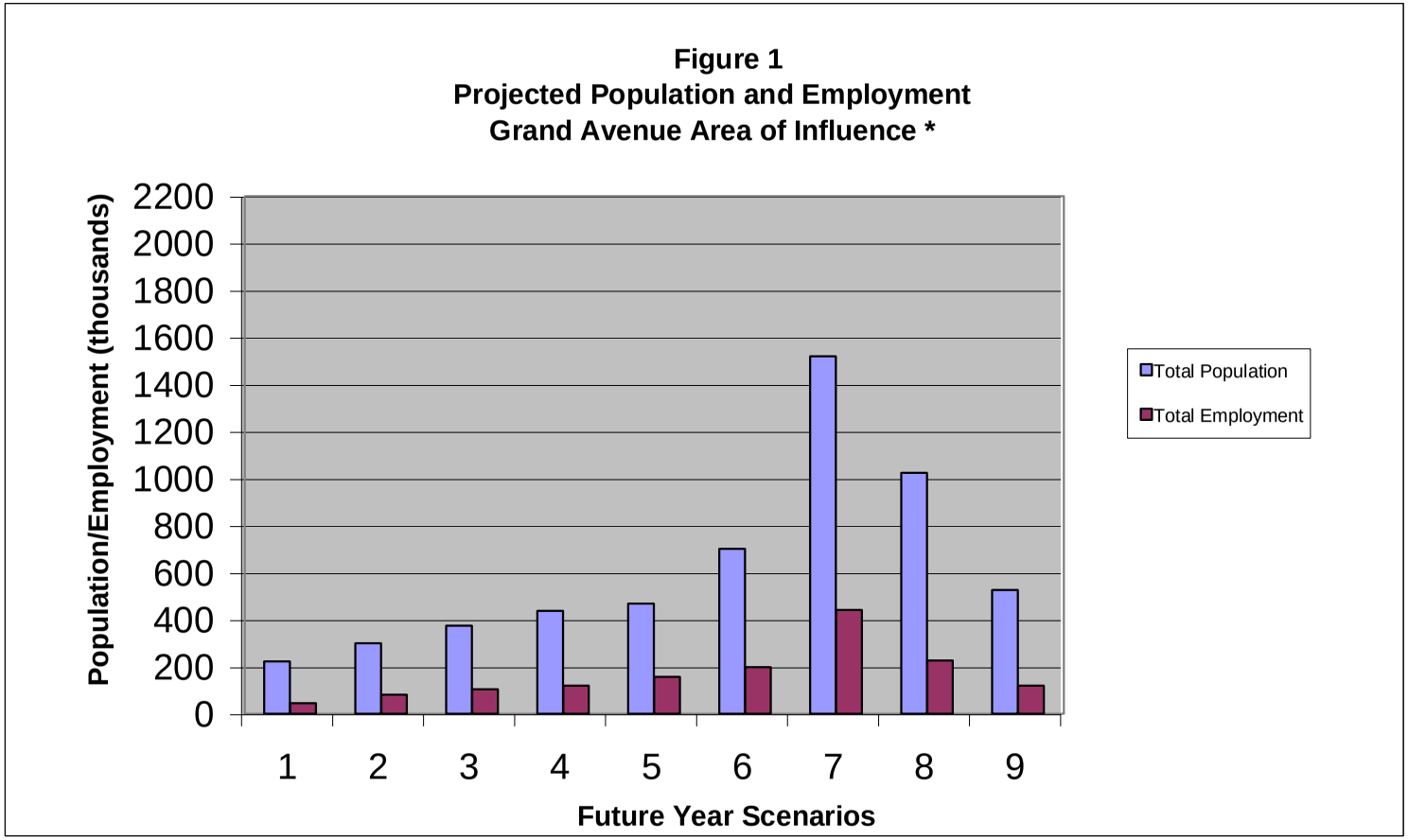
2.0 Comparison of Socioeconomic Projections

The following currently available socioeconomic projections were reviewed in this study. The forecasts are based on the 1995 Special Census for Maricopa County. Census 2000 based forecasts were not available at the time of preparation of this paper.

- Year 2000, 2010, and 2020 official MAG Adopted Projections
- Year 2025 MAG Design Projections (based on MAG Adopted Projections at the Regional Analysis Zone level)
- Year 2020, 2040 and buildout projections from the MAG 303 Alignment Alternative Study
- Year 2020 “sensitivity” projections from the Northwest Valley Transportation Study (Maricopa County Department of Transportation, June 2000)

In the Appendix, Figures A-1 through A-14 illustrate population and employment density by Traffic Analysis Zone (TAZ) for each scenario listed above except the Northwest Valley Transportation Study sensitivity projections (which had a larger study area bounded by the Yavapai County line, Camelback Road, 67th Avenue and Rooks Road). Figures A-15 through A-17 provide maps of the TAZs within the influence area used for the various projections. Tables A-1 through A-16 break down the total population and employment numbers by TAZ.

Figure 1 compares various projected population and employment totals for the Grand Avenue area of influence defined in Section 1.0. The buildout scenario, which reflects the



* Area bounded by SR 74 on north; Northern Avenue on south; 67th Avenue on east; Rooks Road on west.

Notes:
1 - Year 2000 MAG Adopted Projection.
2 - Year 2010 MAG Adopted Projection.
3 - Year 2020 MAG Adopted Projection.
4 - Year 2025 MAG Design Projection.
5 - Year 2020 MAG 303 Alignment Alternative Projection.
6 - Year 2040 MAG 303 Alignment Alternative Projection.
7 - Buildout MAG 303 Alignment Alternative Projection.
8 - Year 2020 Sensitivity Analysis (Northwest Valley Transportation Study - represents a larger study area than the other projections).
9 - Year 2025 Alternative Higher Growth Projection.

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ultimate carrying capacity of the area and is not tied to a particular year, has by far the highest population and employment levels. The 2040 MAG 303 Alignment Alternative Projections are also substantially higher than those for earlier years, however, are less than half of the buildout projections. These projections show that most of the northwest portion of the area of influence will remain sparsely developed through 2040, but not at buildout. Figure 1 shows that the 2025 population for the influence area is expected to approximately double over year 2000 projections. Employment totals are expected to more than double by 2025.

The Alternative Higher Growth Projections are also shown in Figure 1. The development of these projections is discussed in the next section.

3.0 Alternative Higher Growth Projections

The MAG 303 Alignment Alternative Projections for the year 2020 and 2040 (Scenarios 5 and 6 from Figure 1) were utilized as the basis for creating Alternative Higher Growth Projections for the sensitivity analysis. As Figures A-5 through A-10 illustrate, the 2020 MAG 303 Alignment Alternative scenario generally shows higher population and employment densities in the currently undeveloped northern and western portions of the area of influence than either Scenario 3 (2020 MAG Adopted Projections) or Scenario 4 (2025 MAG Design Projections). It therefore represents a conservative choice for traffic forecasting purposes. Scenario 8 (based on the Northwest Valley Transportation Study sensitivity analysis), although higher, is not directly comparable because it covers a larger area.

Alternative Higher Growth Projections were developed for the area of influence. The control total for this area was a linear interpolation between the 2020 and 2040 population and employment estimates from the MAG 303 Alignment Alternative Study. One-fourth of the 2020-2040 growth in both population and employment in the area of influence is assumed to occur between 2020 and 2025. Table 1 shows the resulting 2025 alternative higher growth population and employment totals for the area of influence, along with the projected growth in number of residents and jobs from 2020 to 2025.

TABLE 1
Interpolated Year 2025 "MAG 303 Alignment Alternative"
Population and Employment Estimates
Grand Avenue Northwest Corridor Area of Influence

	2020	2040	2025*	2020-2025 Growth
Population	468,075	700,684	526,227	58,152
Employment	156,708	198,267	167,098	10,390

*Estimated by linear interpolation between 2020 and 2040 projections.
Source: BRW, Inc., January 2001.

Table 2 compares existing population and employment totals for the area of influence with the 2025 Alternative Higher Growth Projections. It shows a projected 136% increase in population and a 269% increase in employment.

TABLE 2
Projected Population And Employment Growth, 2000-2025
Alternative Higher Growth Scenario
Grand Avenue Northwest Corridor Area of Influence

	2000	2025 Alternative Higher Growth Projection	2000-2025 Growth	
			Total	Percent Increase
Population	223,166	526,227	303,061	136 %
Employment	45,234	167,098	121,864	269 %

Source: BRW, Inc., January 2001.

Because the MAG traffic forecasting model utilizes population and employment numbers by TAZ, the interpolated 2025 population and employment totals for the area of influence were broken down into TAZ-level 2025 projections. The following methodology using the consultant's judgement was followed to develop TAZ-level projections.

- For each individual TAZ, the MAG 2020 303 Alignment Alternative Projections were used unless the 2025 MAG Design Projections were higher, then they were used.
- Next, the sum of these preliminary TAZ values was compared to the corresponding control total (for population or employment) from Table 1. As expected using this methodology, both the population and employment totals in Table 1 exceeded the sum of the preliminary TAZ values.
- For both population and employment, the difference between the control total and the TAZ-level sum was distributed using the consultant's judgement among TAZs whose 303 Alignment Alternative Projection for 2040 exceeded the preliminary 2025 projection by a large amount. Thus, most of the population and employment growth during the period 2020-2025 was allocated to those zones with a high growth potential for the years 2020-2040.

Tables 3 and 4 show the resulting TAZ-level population and employment projections for 2025. Figures 2 and 3 illustrate population and employment density per square mile by TAZ, according to the 2025 Alternative Higher Growth Projections.

TABLE 3
YEAR 2025 ALTERNATIVE HIGHER GROWTH
POPULATION PROJECTIONS BY TAZ

TAZ	TOTAL POPULATION 2025 (based on 303 Alignment Alternative Projections)	TAZ	TOTAL POPULATION 2025 (based on 303 Alignment Alternative Projections)	TAZ	TOTAL POPULATION 2025 (based on 303 Alignment Alternative Projections)
146	0	246	119	345	4378
147	2477	247	5	346	3111
148	4	248	3653	347	4751
151	2079	249	1462	348	5303
152	1453	250	5405	349	1042
153	5985	251	2199	350	3494
154	2235	252	197	351	7410
155	22	253	1557	352	8149
156	258	254	4382	353	2866
157	2071	255	4061	354	4708
158	1020	256	5786	355	7329
159	0	257	4572	356	6150
160	6987	258	3717	357	5823
161	0	259	3721	358	5240
162	5973	260	6201	359	2255
163	2342	296	0	360	7917
164	4808	297	0	361	5404
165	353	298	2798	362	2250
166	7559	299	808	363	511
167	9807	301	0	364	331
168	8968	303	2207	365	7020
169	5580	307	187	366	61
170	1366	308	1738	367	68
171	2421	309	5523	368	0
172	4256	310	8448	369	5121
173	16271	311	2615	370	4278
174	5973	312	76	371	9052
175	99	313	672	372	8697
176	2	314	2150	373	9513
177	0	315	4977	374	4231
178	7635	316	19	382	3260
179	2	317	1001	392	108
180	0	318	592	396	2007
181	0	319	995	400	0
182	7383	320	2283	404	39
183	2316	321	0	405	20
184	1024	322	3199	409	0
185	6572	323	8349	410	156
186	1629	324	4463	436	5106
187	4	325	17	1609	2768
188	16	326	817	1610	175
189	7601	327	3	1611	1
190	7137	329	14	1612	0
191	4244	330	5591	1622	3354
192	2511	331	2201	1636	386
193	592	332	3015	1638	1485
194	3993	333	5340	1639	389
195	2662	334	2823	1640	3173
196	6894	335	5183	1641	1360
197	7111	336	5700	STUDY AREA TOTAL	526227
198	4530	337	9868		
199	2254	338	3699		
240	1663	339	3906		
241	1399	340	9931		
242	2535	341	7001		
243	3372	342	3390		
244	1124	343	2444		
245	2	344	8323		

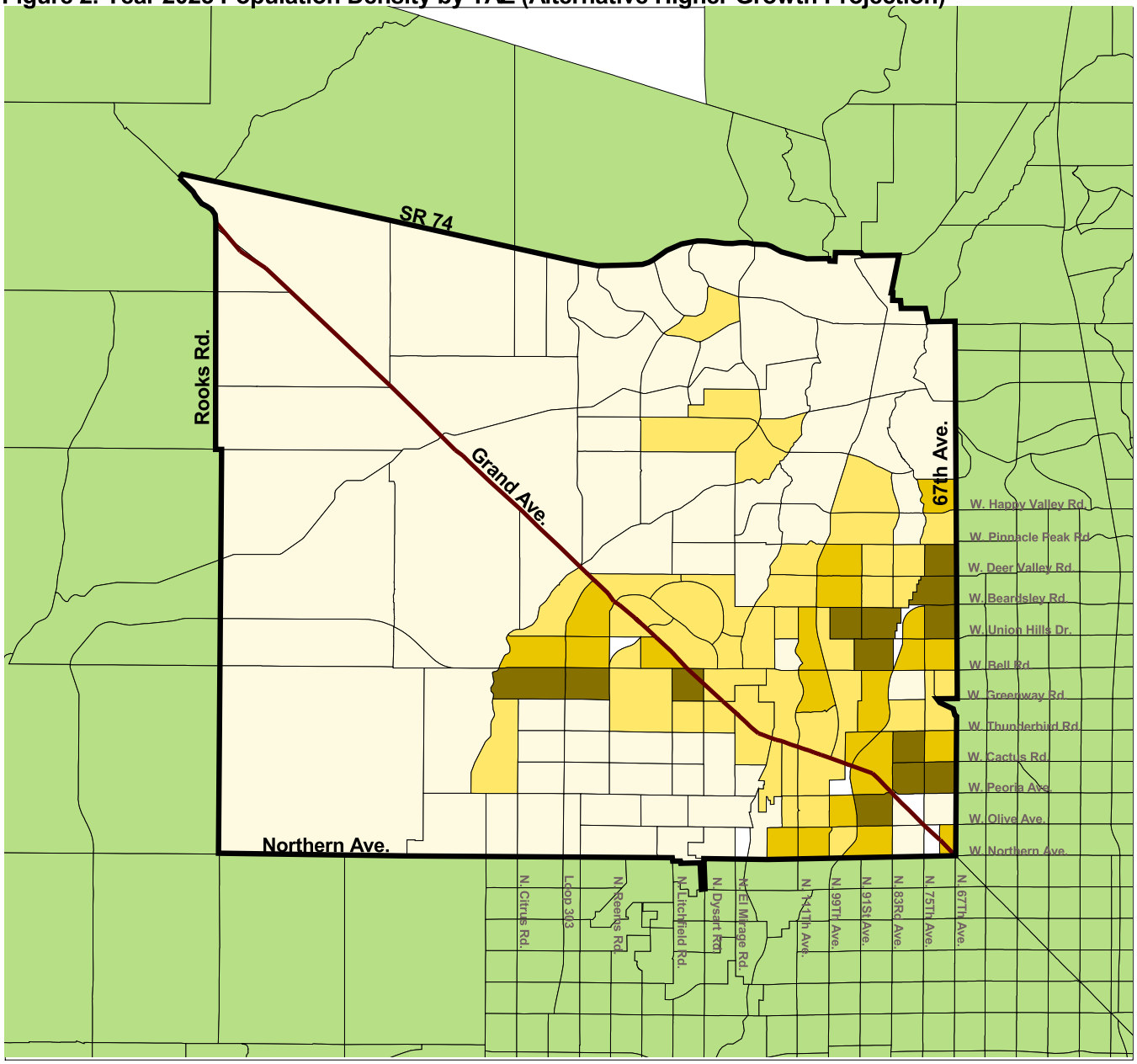
Source: URS, January 2001.

TABLE 4
YEAR 2025 ALTERNATIVE HIGHER GROWTH
EMPLOYMENT PROJECTIONS BY TAZ

TAZ	TOTAL EMPLOYMENT 2025 (based on 303 Alignment Alternative Projections)	TAZ	TOTAL EMPLOYMENT 2025 (based on 303 Alignment Alternative Projections)	TAZ	TOTAL EMPLOYMENT 2025 (based on 303 Alignment Alternative Projections)
146	0	246	1716	345	2304
147	78	247	93	346	914
148	0	248	1341	347	518
151	808	249	192	348	1861
152	5459	250	835	349	2127
153	2008	251	307	350	673
154	517	252	73	351	276
155	127	253	86	352	335
156	593	254	1232	353	865
157	107	255	941	354	501
158	622	256	3753	355	1171
159	96	257	1012	356	84
160	2077	258	529	357	436
161	12	259	557	358	180
162	279	260	493	359	134
163	57	296	1	360	1889
164	124	297	23	361	506
165	124	298	2506	362	1354
166	1180	299	34	363	1094
167	2233	301	18	364	1027
168	1688	303	1186	365	648
169	204	307	3227	366	810
170	88	308	1468	367	292
171	137	309	496	368	189
172	2620	310	2783	369	243
173	3279	311	1219	370	2293
174	152	312	37	371	534
175	84	313	33	372	2036
176	8	314	1785	373	650
177	3	315	1752	374	2487
178	430	316	2376	382	560
179	37	317	107	392	2
180	1	318	3133	396	41
181	5	319	1156	400	4
182	3059	320	313	404	8176
183	51	321	500	405	11546
184	158	322	808	409	86
185	1661	323	1733	410	288
186	45	324	462	436	842
187	0	325	38	1609	117
188	1258	326	57	1610	5154
189	359	327	0	1611	974
190	4191	329	27	1612	3313
191	85	330	379	1622	2752
192	58	331	54	1636	3690
193	11	332	82	1638	64
194	24	333	840	1639	17
195	984	334	666	1640	3941
196	1208	335	1152	1641	2890
197	753	336	1131	STUDY AREA TOTAL	167098
198	66	337	513		
199	23	338	170		
240	1123	339	908		
241	1492	340	229		
242	256	341	1347		
243	277	342	362		
244	44	343	213		
245	1776	344	1527		

Source: URS, January 2001.

Figure 2. Year 2025 Population Density by TAZ (Alternative Higher Growth Projection)



Grand Avenue Northwest Corridor Study

Population Density Per Square Mile

Population Density
- 0 - 1499
- 1500 - 3999
- 4000 - 6499
- 6500 +
- No Data

Base Map Features
- Area of Influence
- Grand Avenue
- TAZ Boundaries

N

5 0 5 Miles

Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

File: R:/Mag/GrandNW/grand_nw2pho.apr

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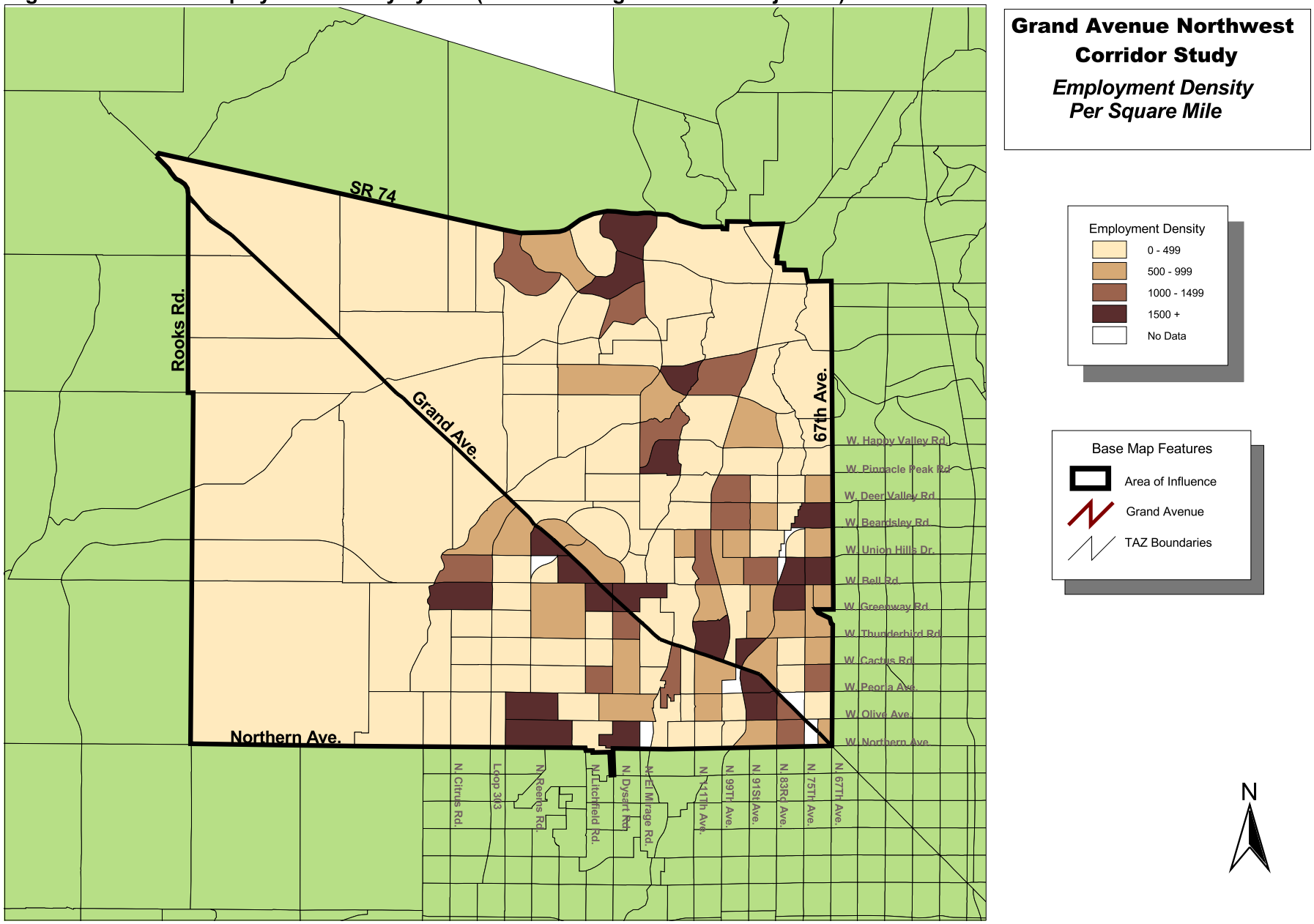
Figure 3. Year 2025 Employment Density by TAZ (Alternative Higher Growth Projection)



Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

File: R:/Mag/GrandNW/grand_nw2pho.apr

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4.0 Summary

As shown in Table 5, the total study area population for the Alternative Higher Growth Projections exceeds the MAG 2025 Projections estimate by 20 percent. Total study area employment for the Alternative Higher Growth Projections exceeds the MAG 2025 Projections estimate by 40 percent. As shown in Figures 2 and 3, more TAZs are shown with high population densities (6,500 or more residents per square mile) and high employment densities (1,500 or more per square mile) when compared with the MAG Design Projections (Figures A-7 and A-8).

TABLE 5
Comparison of Socioeconomic Projections
Grand Avenue Northwest Corridor Area of Influence

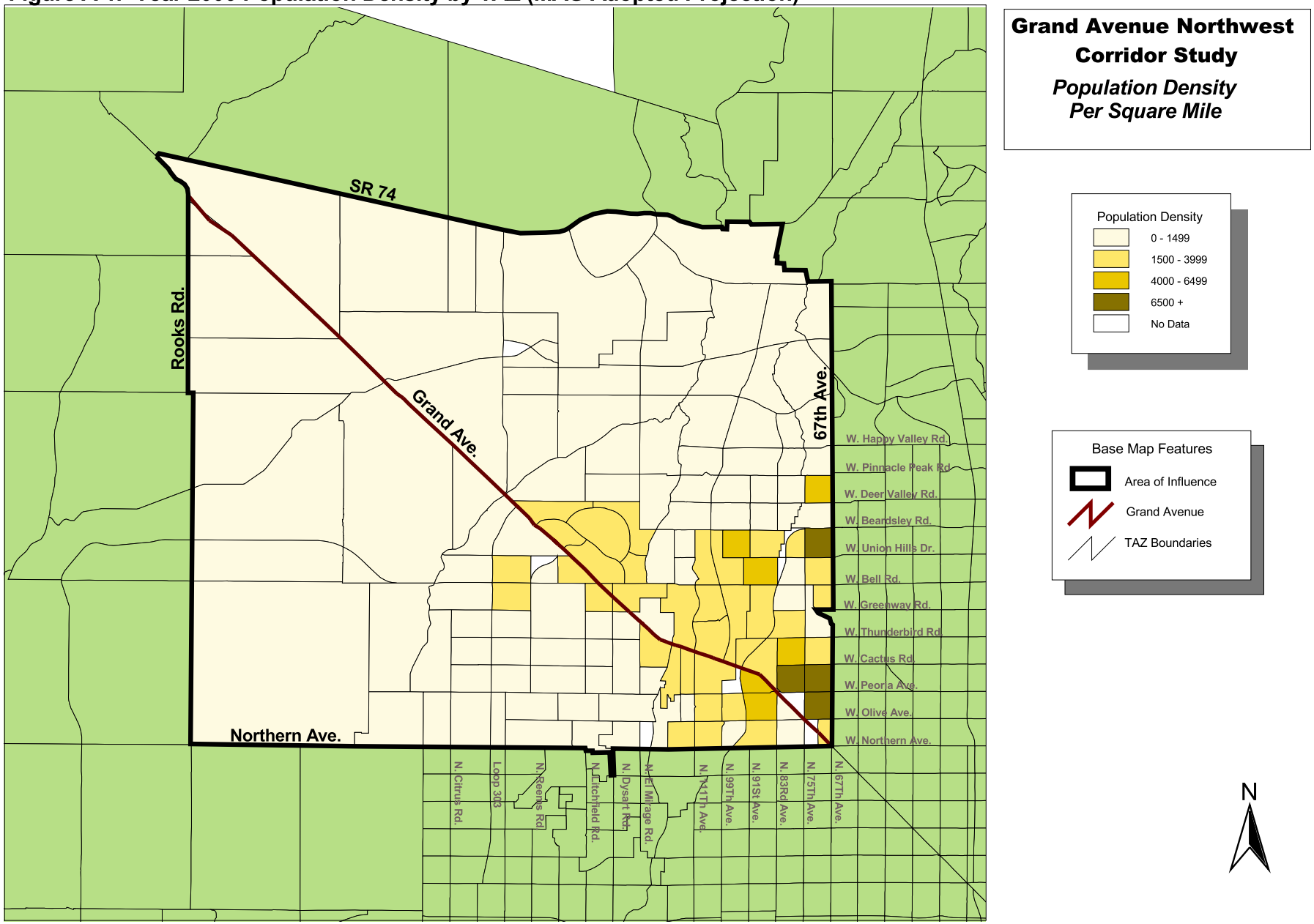
Projections	Population	Employment
2000 MAG Adopted	223,000	45,000
2025 MAG Design	437,000	120,000
2025 Alternative Higher Growth	526,000	167,000

Both the official MAG 2025 Design Projections and the 2025 Alternative Higher Growth Projections will be an input into the MAG regional traffic forecast model. The two sets of traffic forecasts will then be used to choose appropriate year 2025 design volumes for the corridor. These design volumes will be used to identify transportation improvements that provide adequate capacity in the corridor.

APPENDIX

Supplementary Figures and Tables

Figure A-1. Year 2000 Population Density by TAZ (MAG Adopted Projection)



Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

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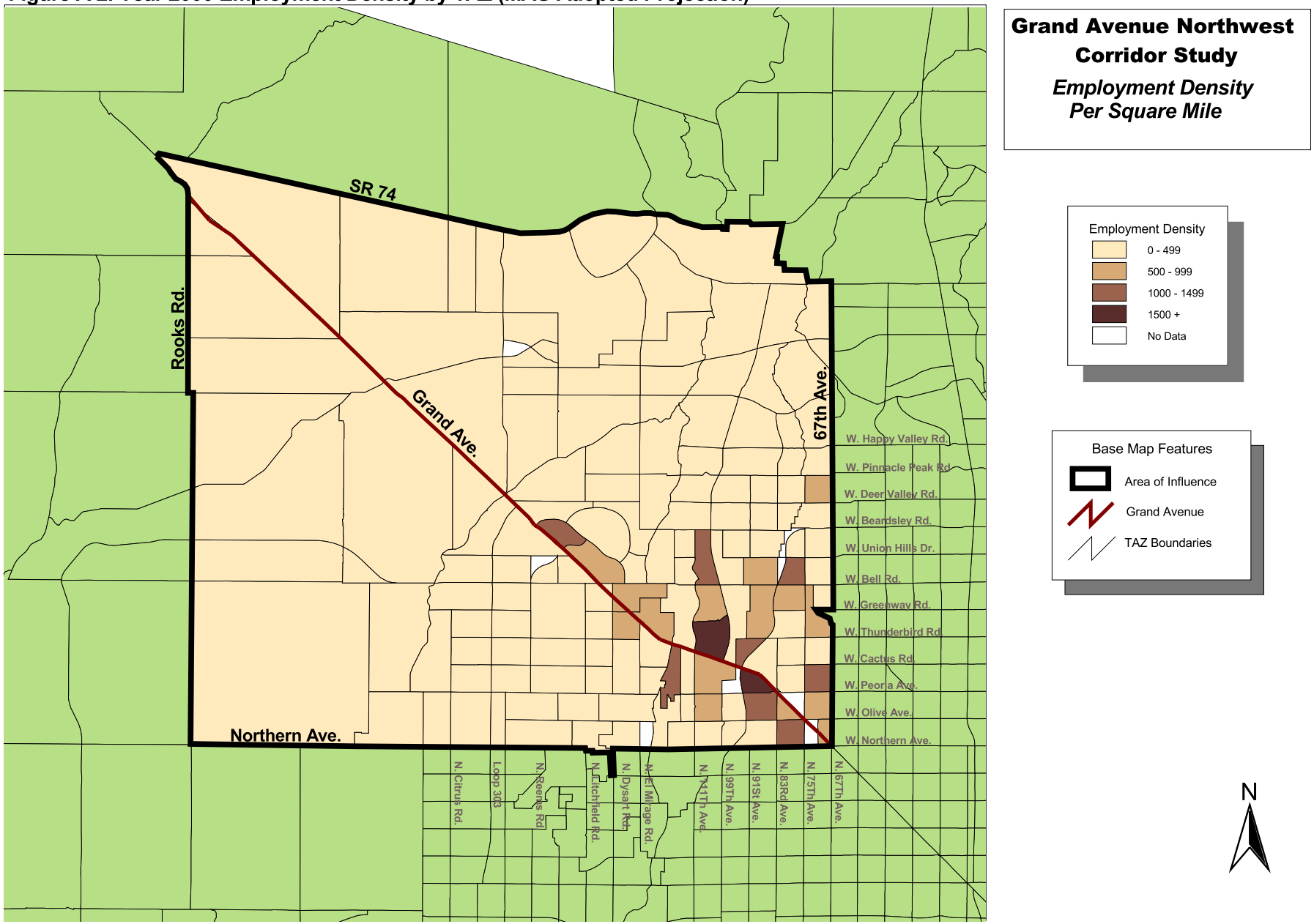
Figure A-2. Year 2000 Employment Density by TAZ (MAG Adopted Projection)



Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

File: R:/Mag/GrandNW/grand_nw2pho.apr

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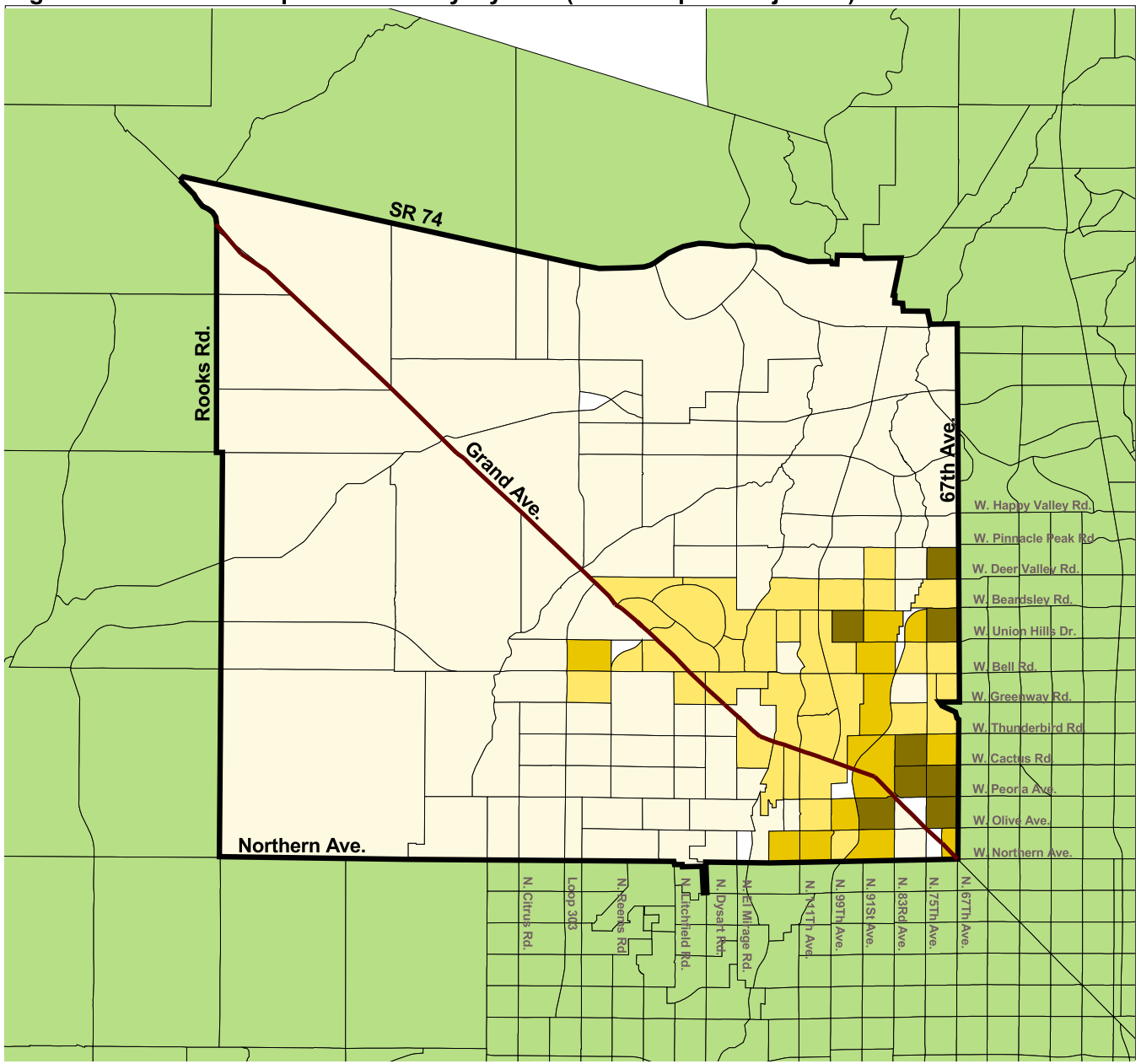
Figure A-3. Year 2010 Population Density by TAZ (MAG Adopted Projection)



Grand Avenue Northwest Corridor Study

Population Density Per Square Mile

Population Density
- 0 - 1499
- 1500 - 3999
- 4000 - 6499
- 6500 +
- No Data

Base Map Features
- Area of Influence
- Grand Avenue
- TAZ Boundaries

N

5 0 5 Miles

Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

File: R:/Mag/GrandNW/grand_nw2pho.apr

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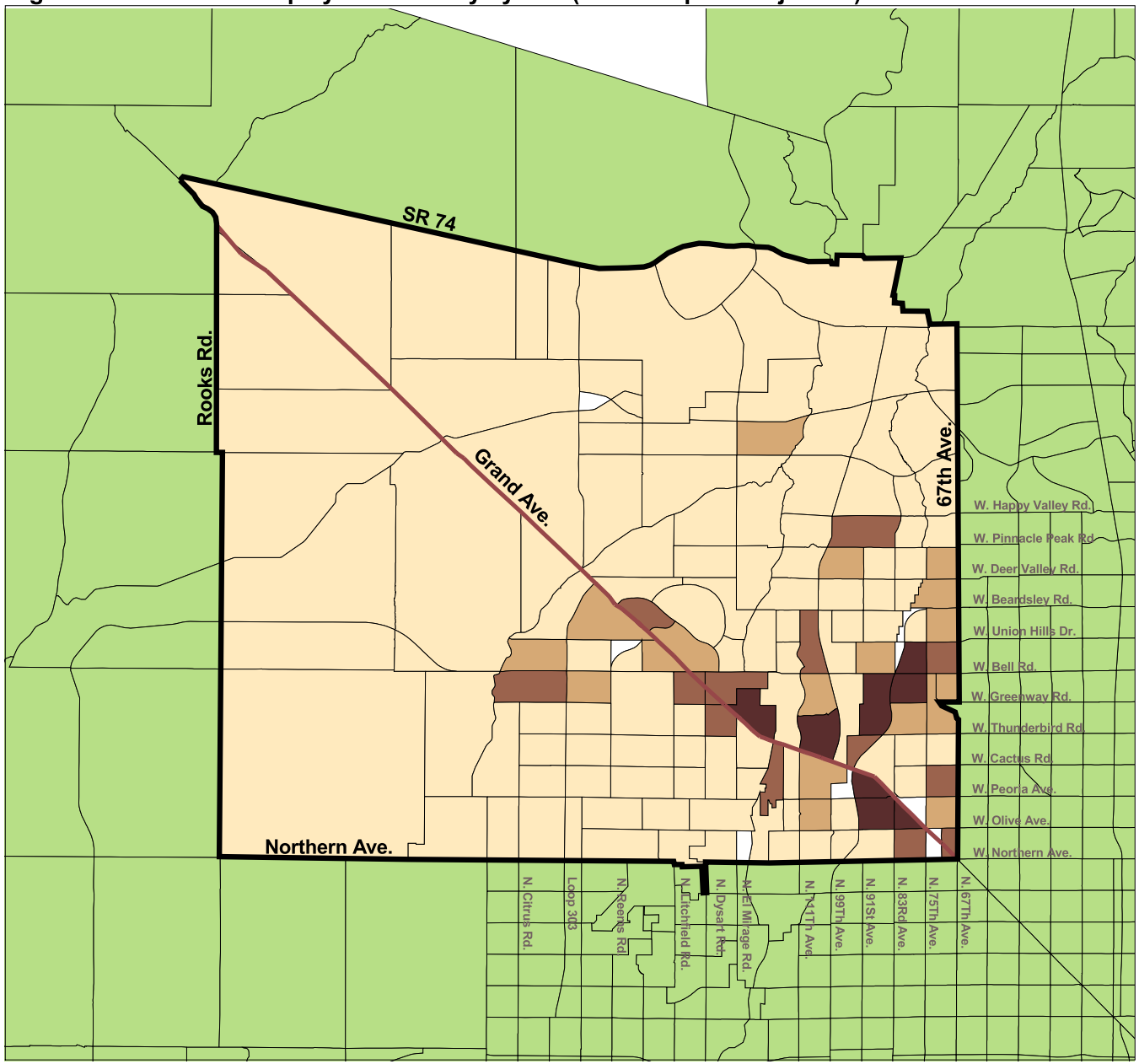
Figure A-4. Year 2010 Employment Density by TAZ (MAG Adopted Projection)



Grand Avenue Northwest Corridor Study

Employment Density Per Square Mile

Employment Density
- 0 - 499
- 500 - 999
- 1000 - 1499
- 1500 +
- No Data

Base Map Features
- Area of Influence
- **Grand Avenue**
- **TAZ Boundaries**

N

Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

5 0 5 Miles

File: R:/Mag/GrandNW/grand_nw2pho.apr

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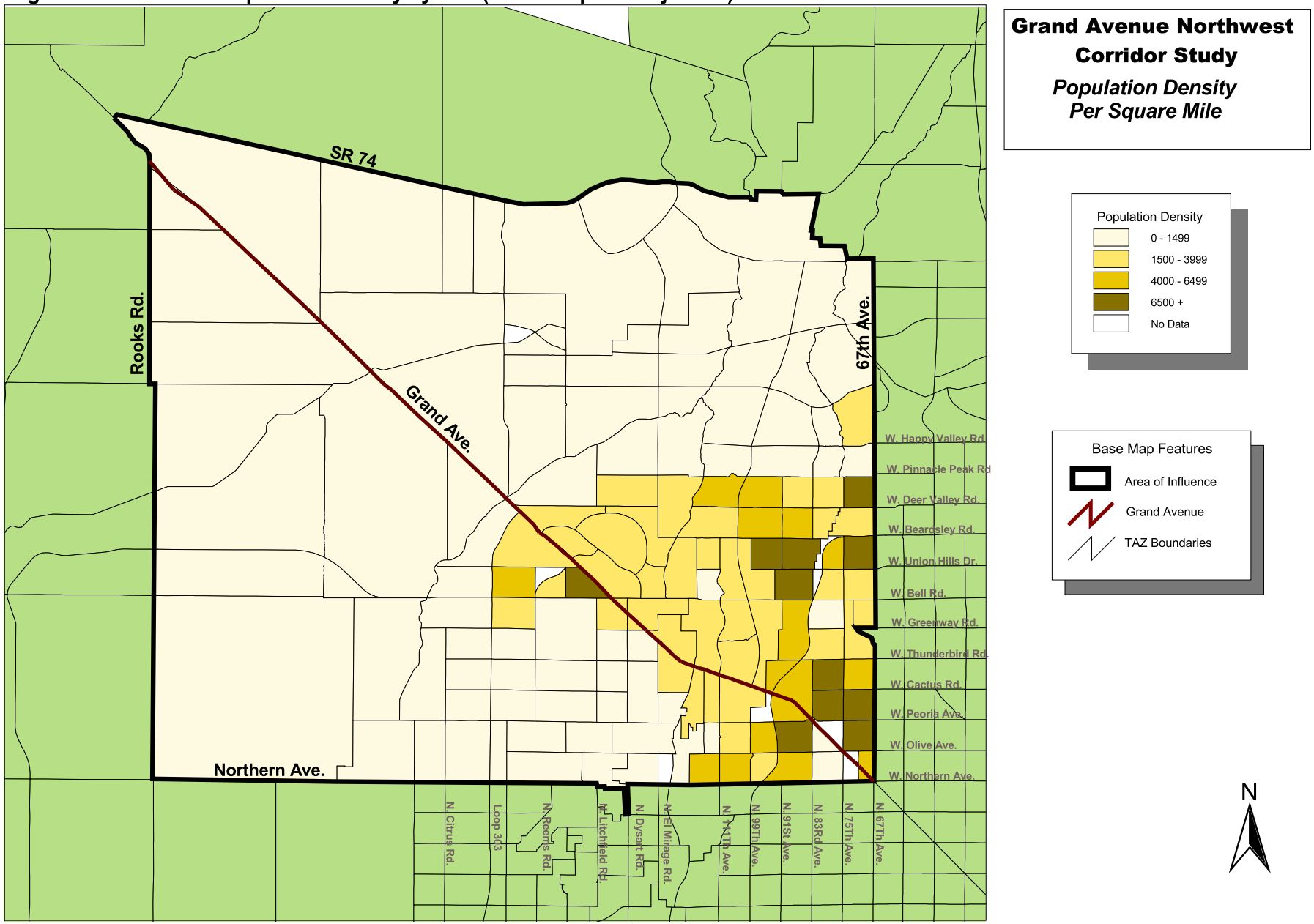
Figure A-5. Year 2020 Population Density by TAZ (MAG Adopted Projection)



Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

File: R:/Mag/GrandNW/grand_nw2pho.apr

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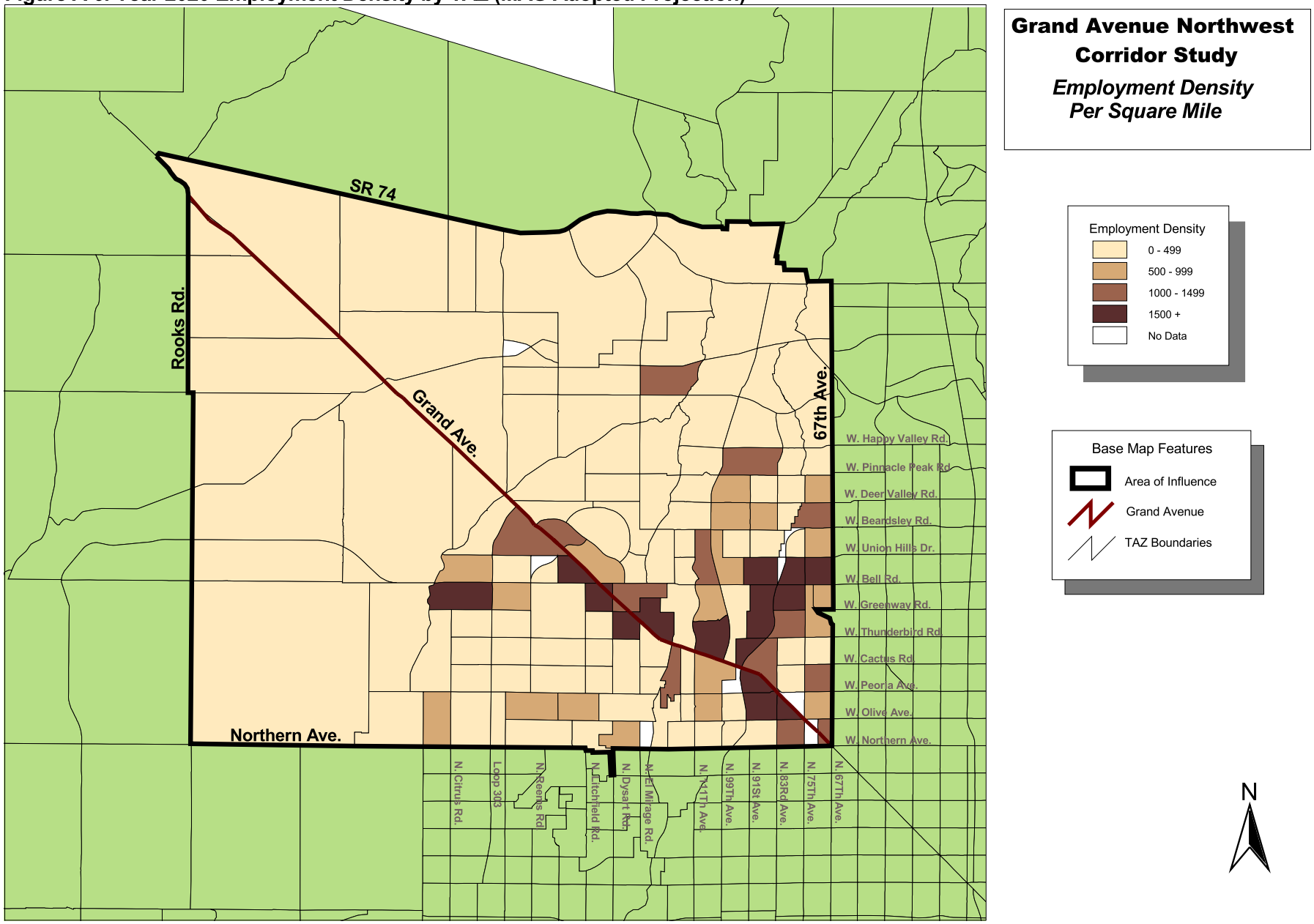
Figure A-6. Year 2020 Employment Density by TAZ (MAG Adopted Projection)



Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

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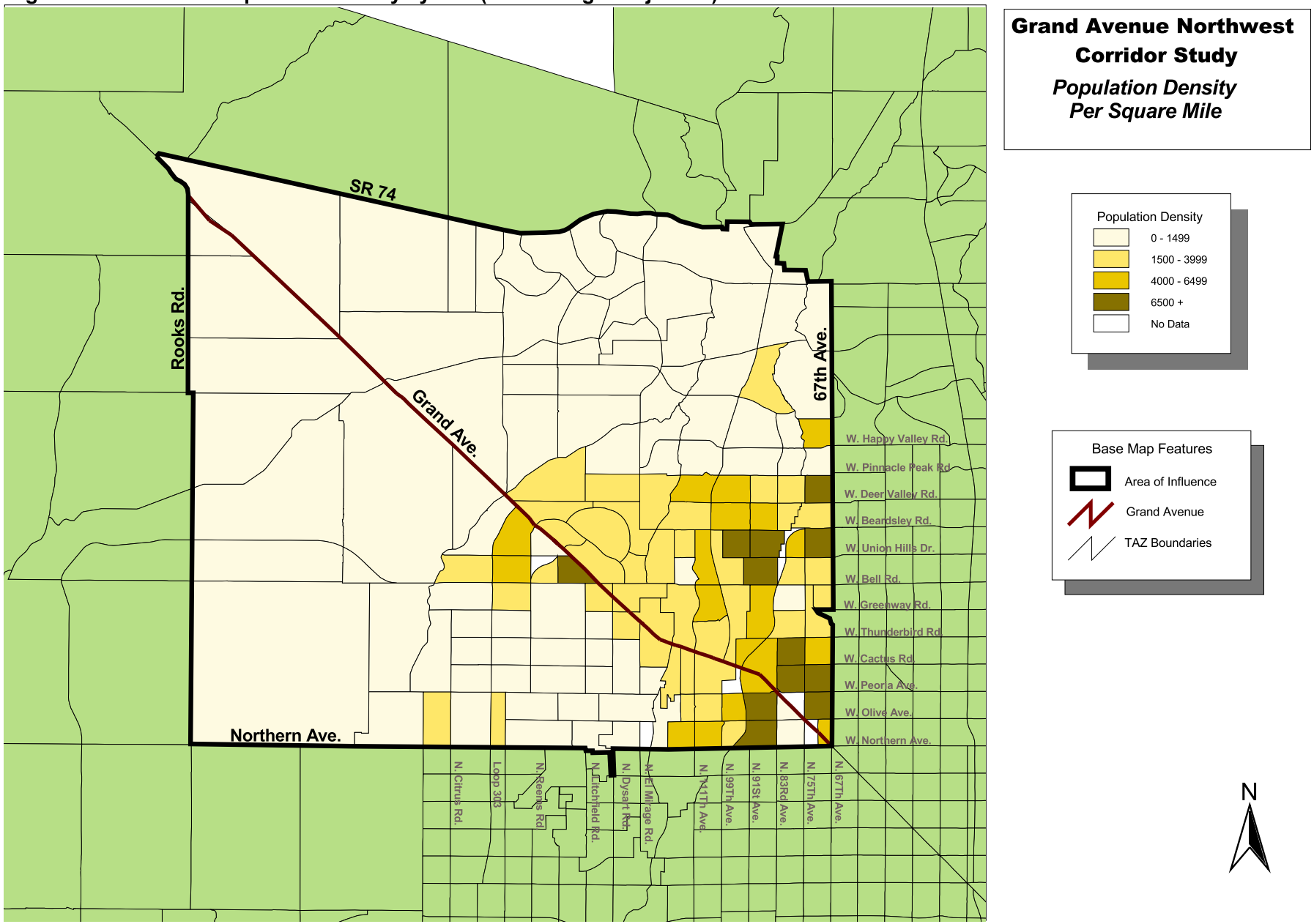
Figure A-7. Year 2025 Population Density by TAZ (MAG Design Projection)



Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

File: R:/Mag/GrandNW/grand_nw2pho.apr

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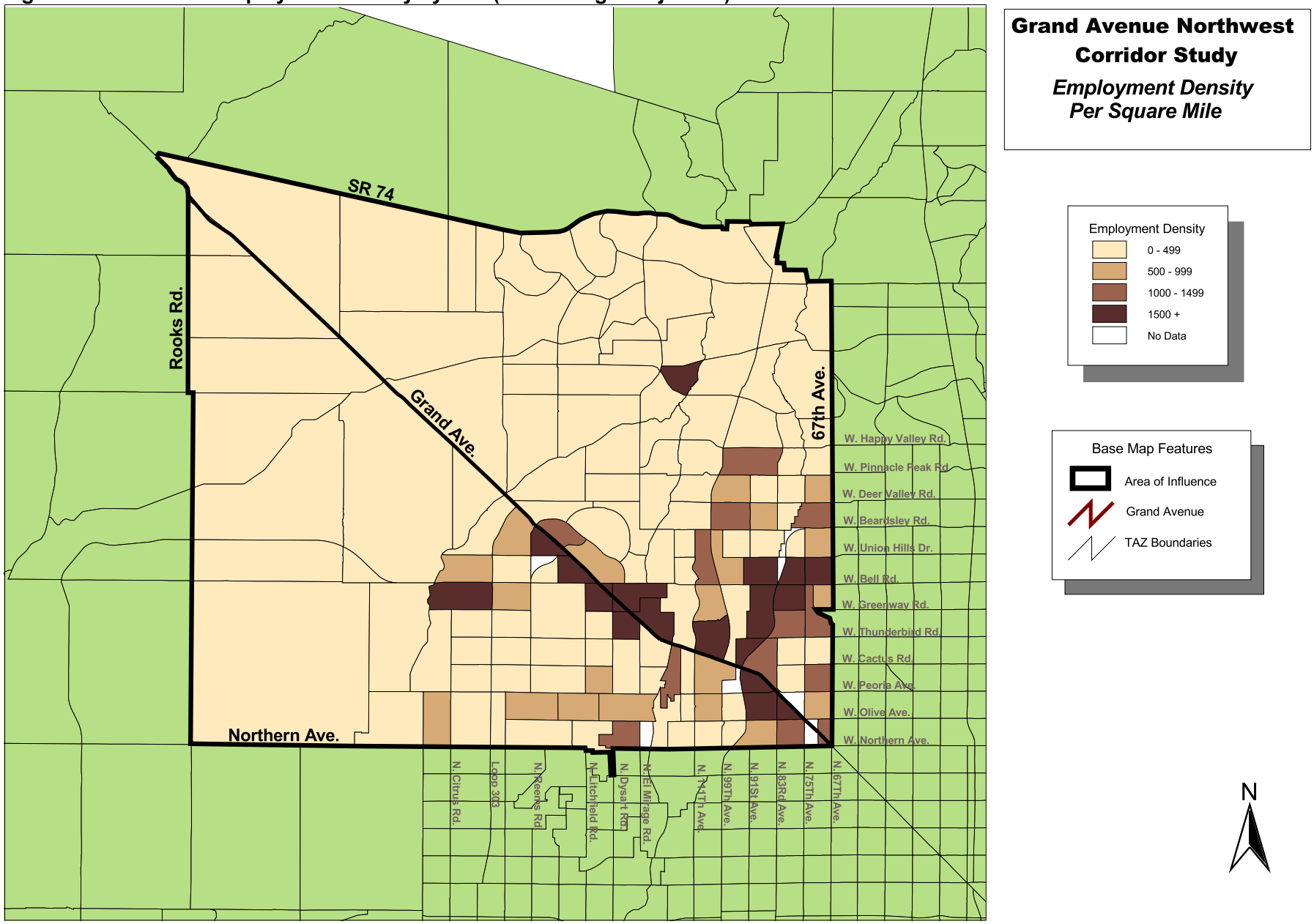
Figure A-8. Year 2025 Employment Density by TAZ (MAG Design Projection)



Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

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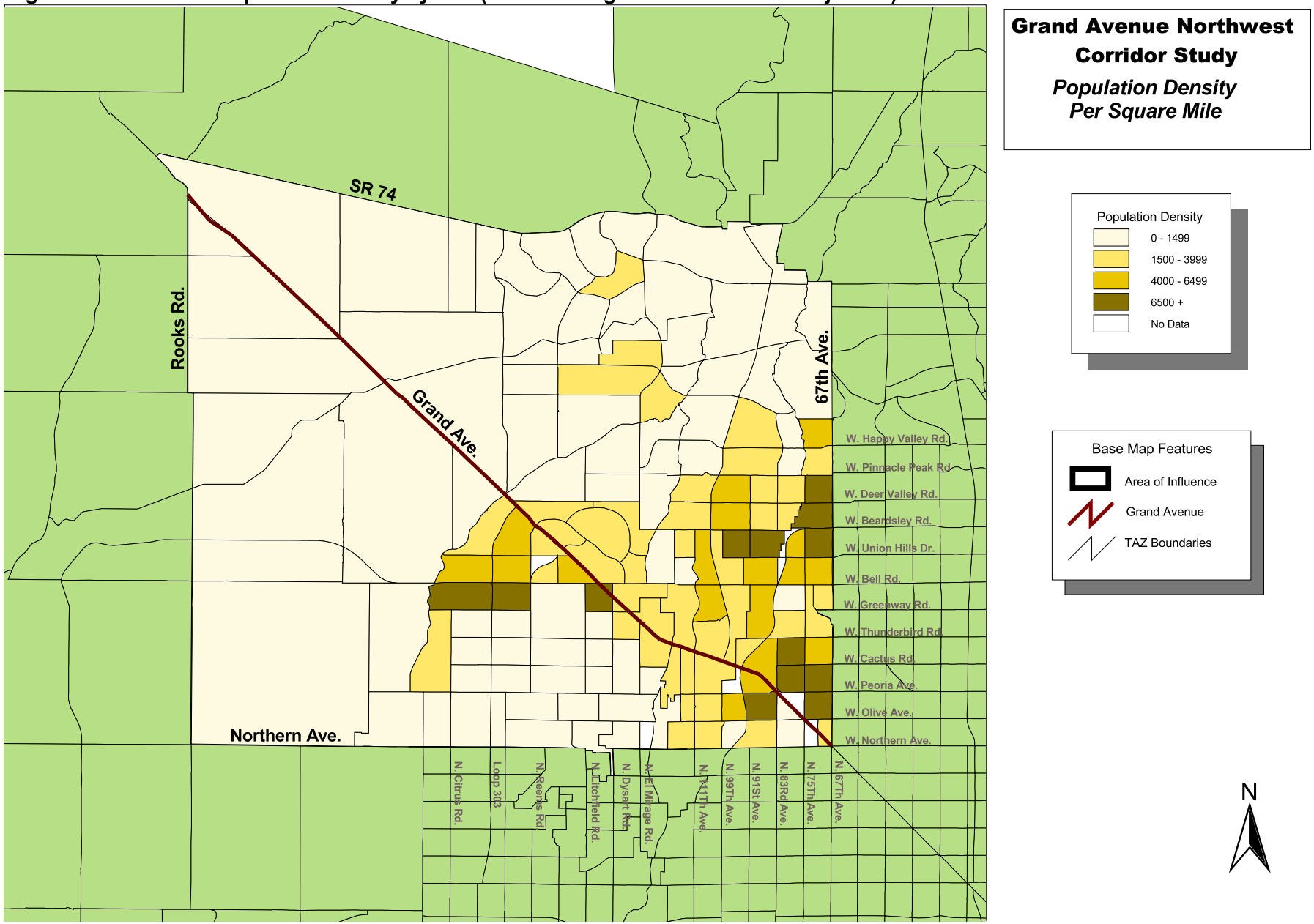
Figure A-9. Year 2020 Population Density by TAZ (MAG 303 Alignment Alternative Projection)

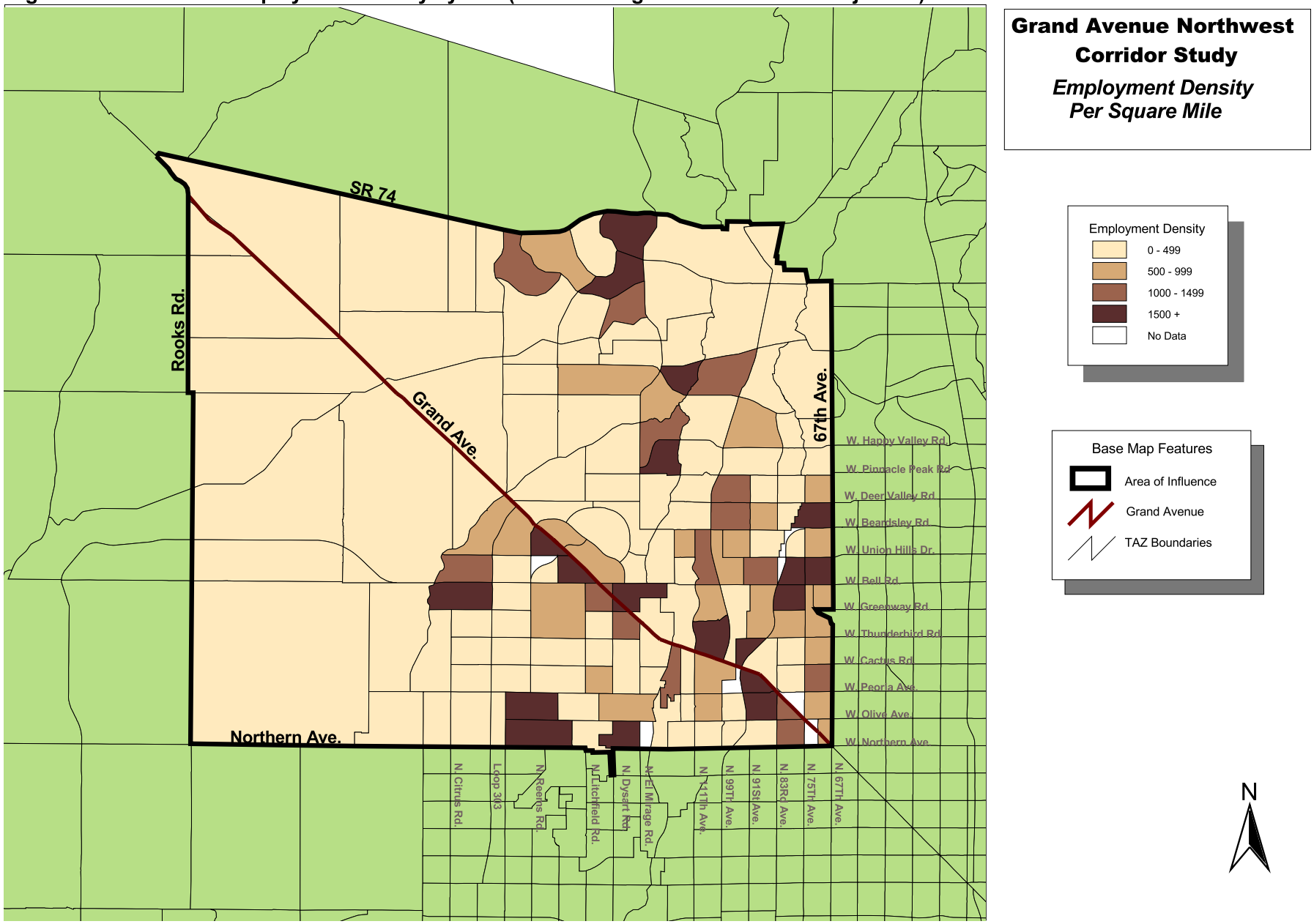


Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

File: R:/Mag/GrandNW/grand_nw2pho.apr

MARICOPA ASSOCIATION of GOVERNMENTS

Figure A-10. Year 2020 Employment Density by TAZ (MAG 303 Alignment Alternative Projection)

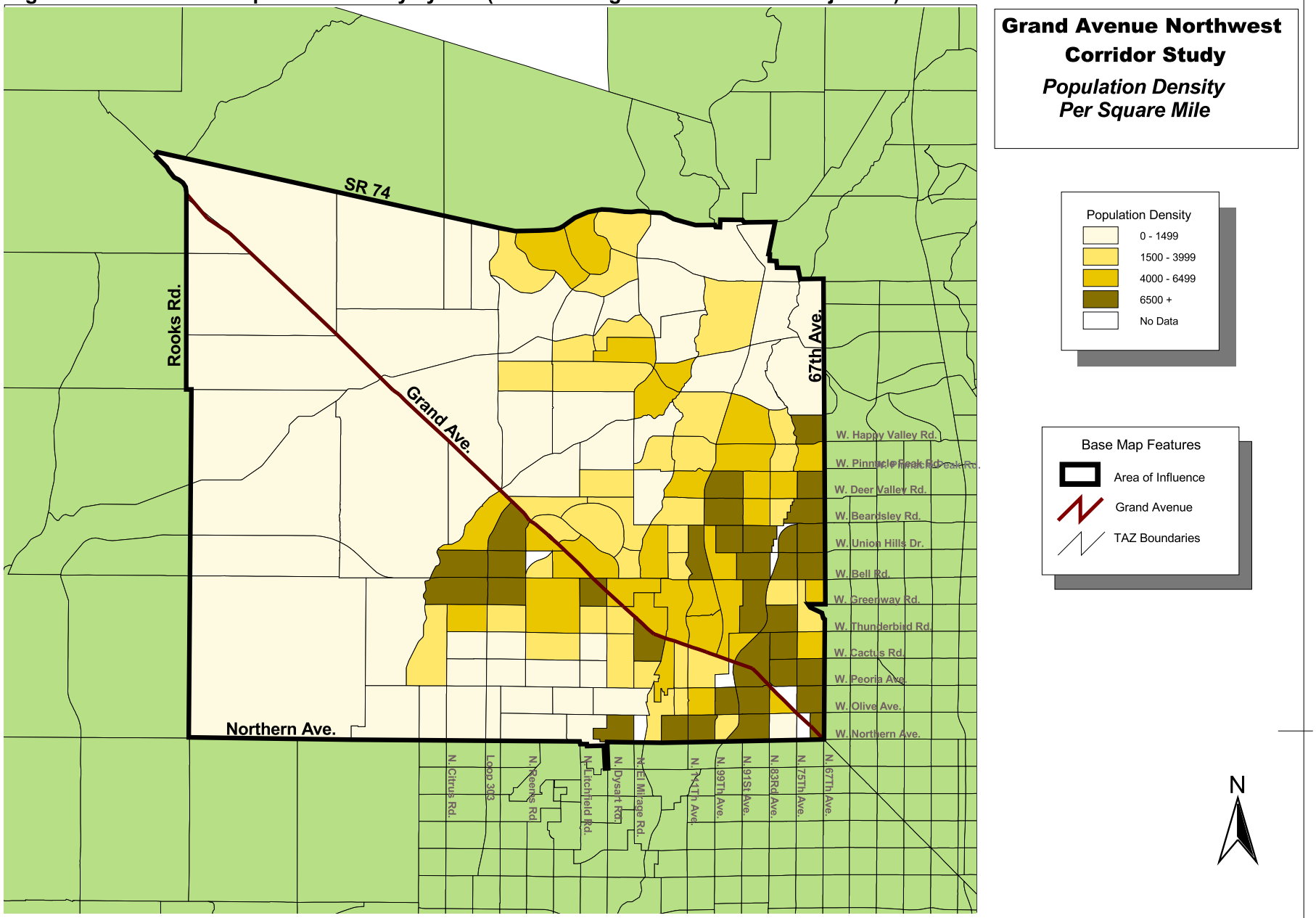


Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

File: R:/Mag/GrandNW/grand_nw2pho.apr

MARICOPA ASSOCIATION of GOVERNMENTS

Figure A-11. Year 2040 Population Density by TAZ (MAG 303 Alignment Alternative Projection)

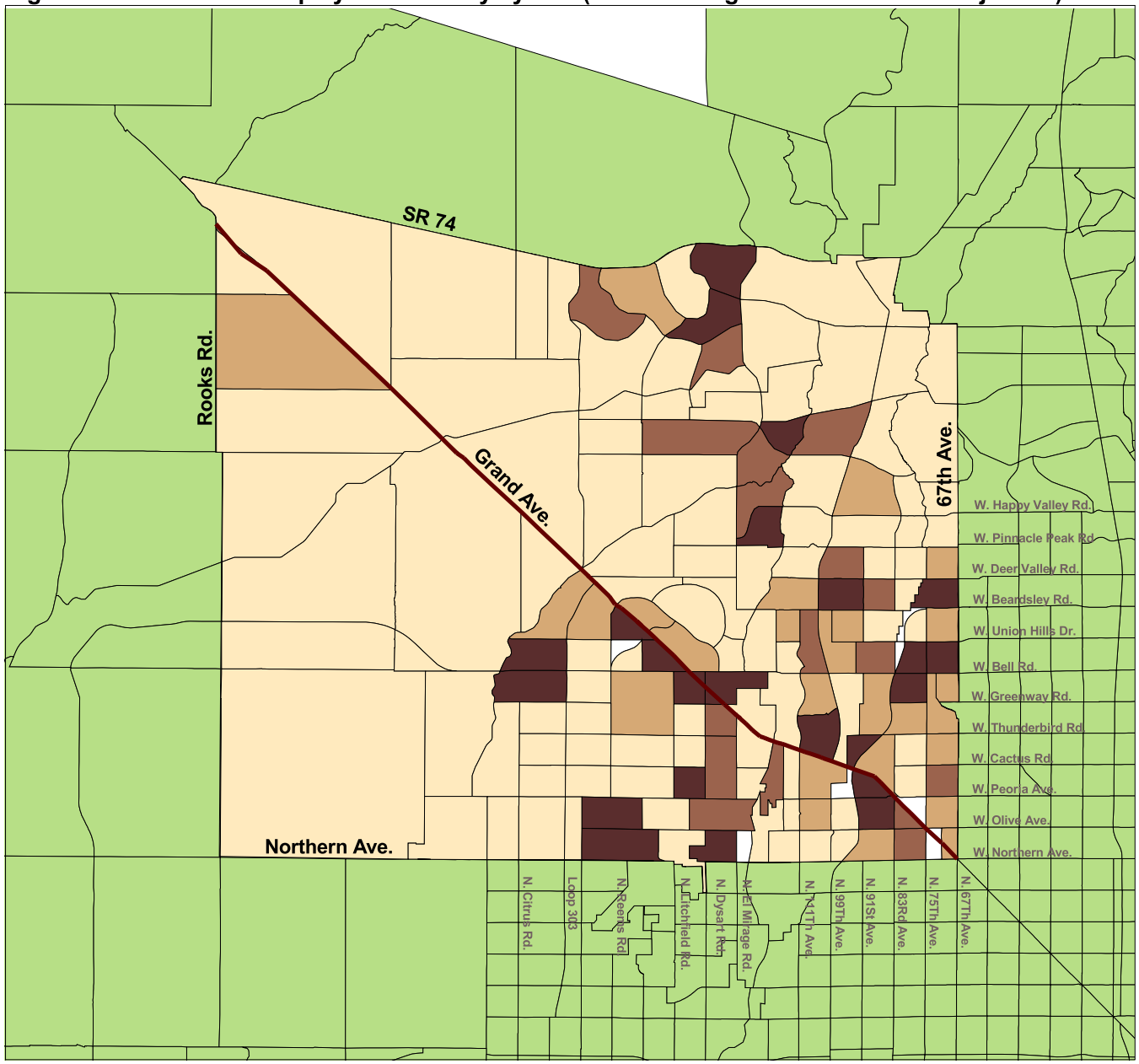


Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

File: R:/Mag/GrandNW/grand_nw2pho.apr

MARICOPA ASSOCIATION of GOVERNMENTS

Figure A-12. Year 2040 Employment Density by TAZ (MAG 303 Alignment Alternative Projection)



Grand Avenue Northwest Corridor Study

Employment Density Per Square Mile

Employment Density
- 0 - 499
- 500 - 999
- 1000 - 1499
- 1500 +
- No Data

Base Map Features
- Area of Influence
- Grand Avenue
- TAZ Boundaries

N

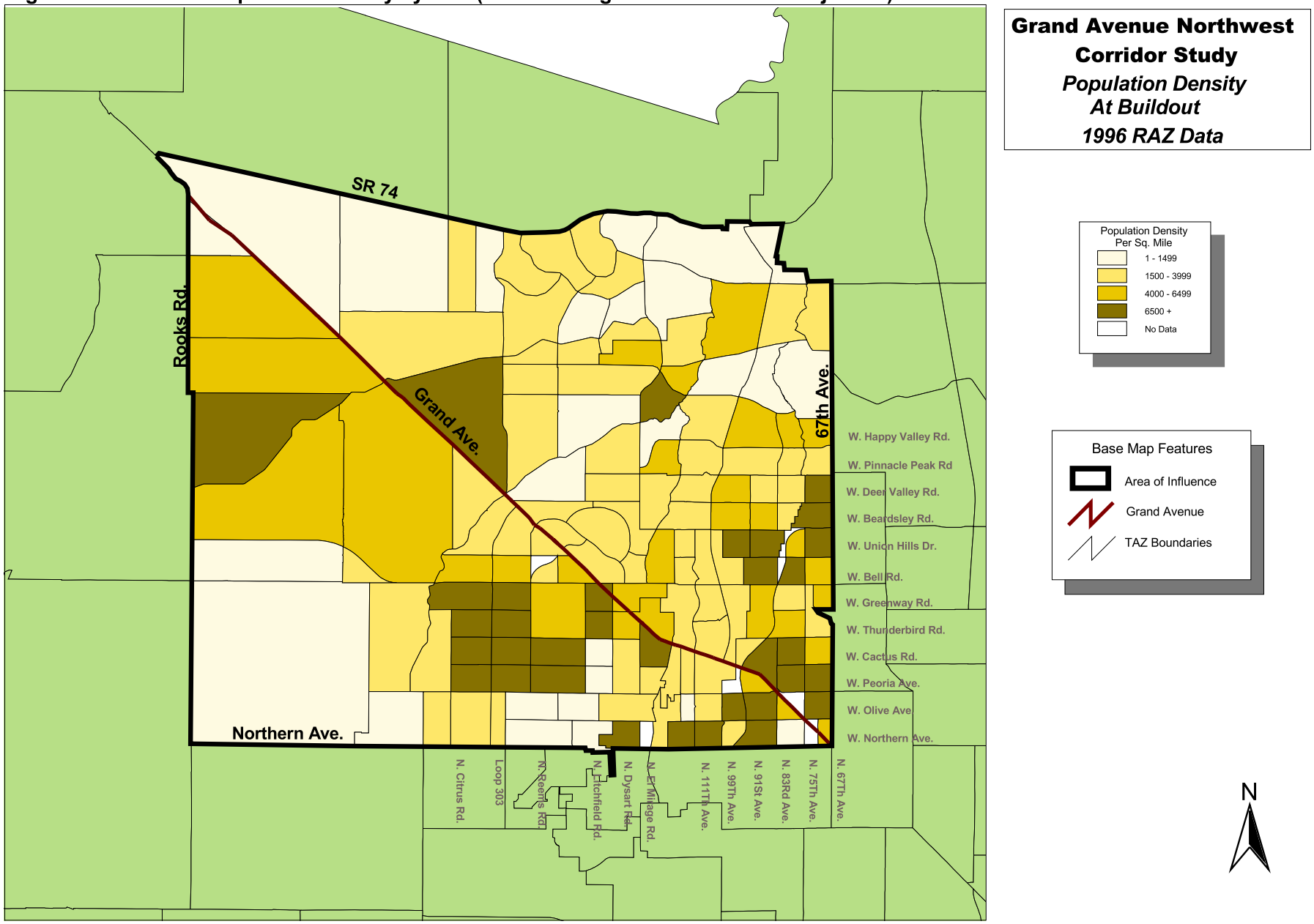
5 0 5 Miles

Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

File: R:/Mag/GrandNW/grand_nw2pho.apr

MARICOPA ASSOCIATION of GOVERNMENTS

Figure A-13 Buildout Population Density by RAZ (MAG 303 Alignment Alternative Projection)

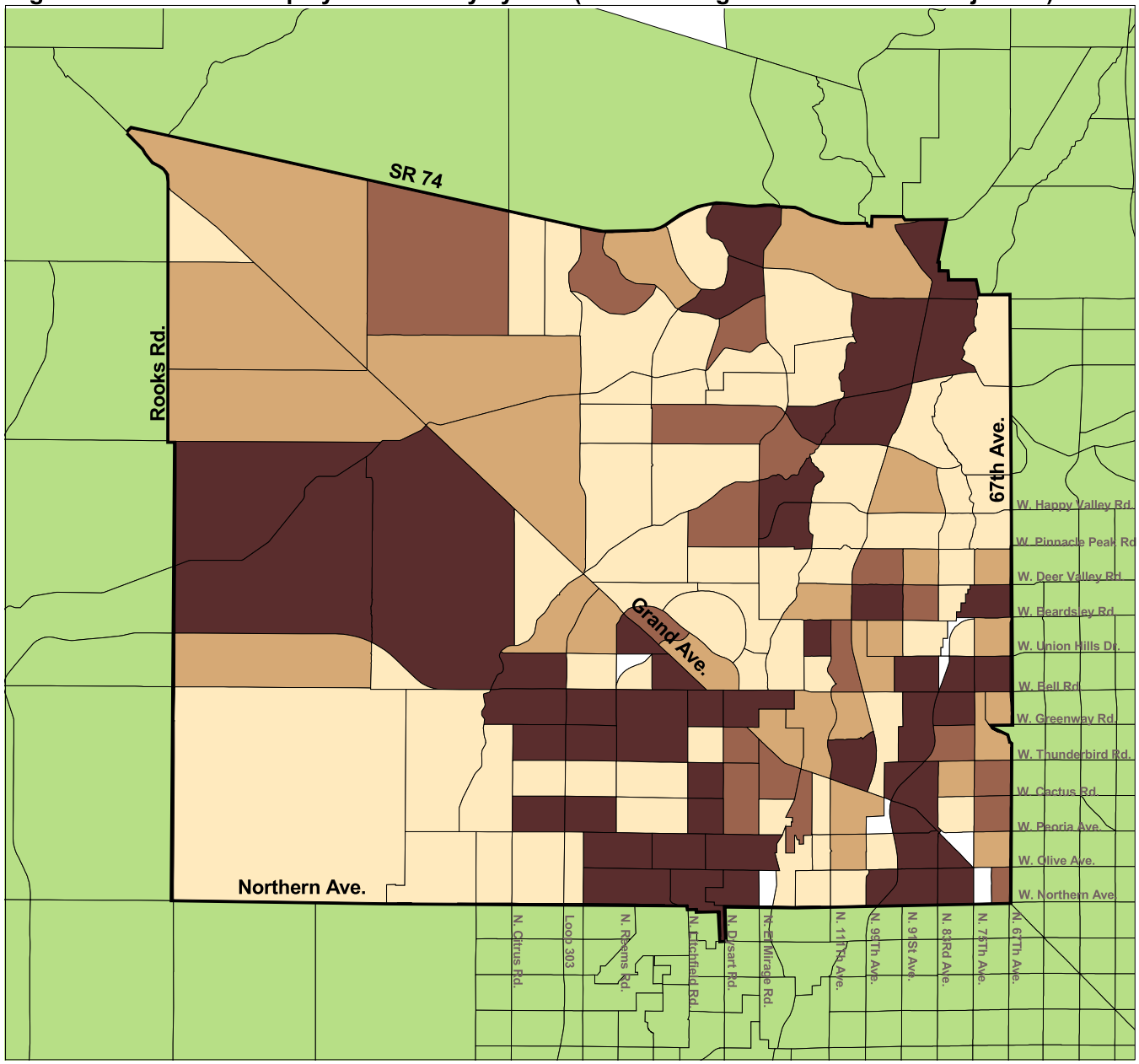


Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

File: R:/Mag/GrandNW/grand_nw2pho.apr

MARICOPA ASSOCIATION of GOVERNMENTS

Figure A-14. Buildout Employment Density by RAZ (MAG 303 Alignment Alternative Projection)



Grand Avenue Northwest Corridor Study

Employment Density At Buildout 1996 RAZ Data

Employment Density Persons Per Sq. Mile
- 0 - 499
- 500 - 999
- 1000 - 1499
- 1500 +
- No Data

Base Map Features
- Area of Influence
- Grand Avenue
- TAZ Boundaries

N

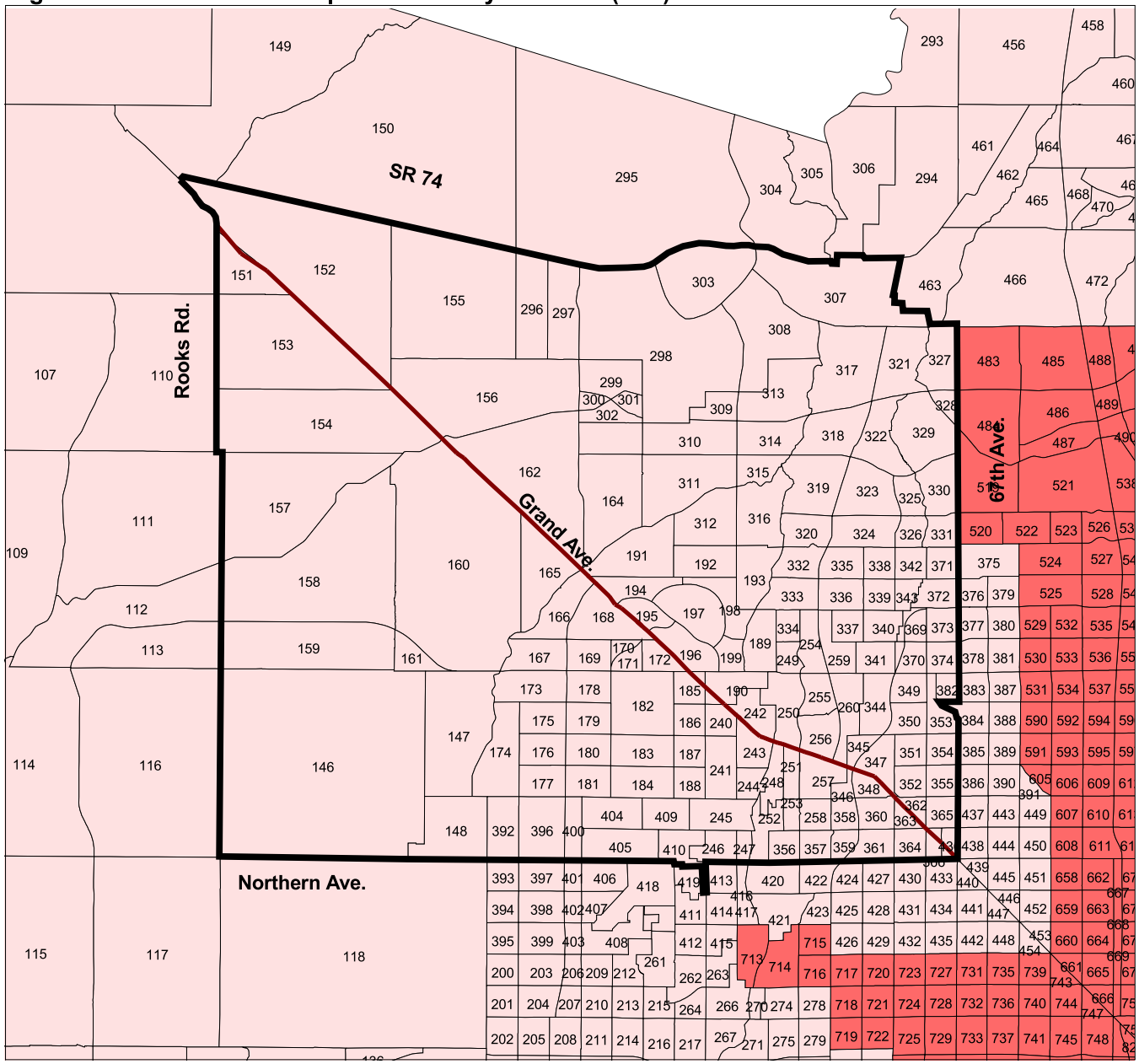
5 0 5 Miles

Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

File: R:/Mag/GrandNW/grand_nw2pho.apr

MARICOPA ASSOCIATION of GOVERNMENTS

Figure A-15. Year 1996 Transportation Analysis Zones (TAZ) Structure



Grand Avenue Northwest Corridor Study

1996 TAZ Data

Base Map Features

- Area of Influence
- Grand Avenue
- TAZ Boundaries
- XXX TAZ Number

N

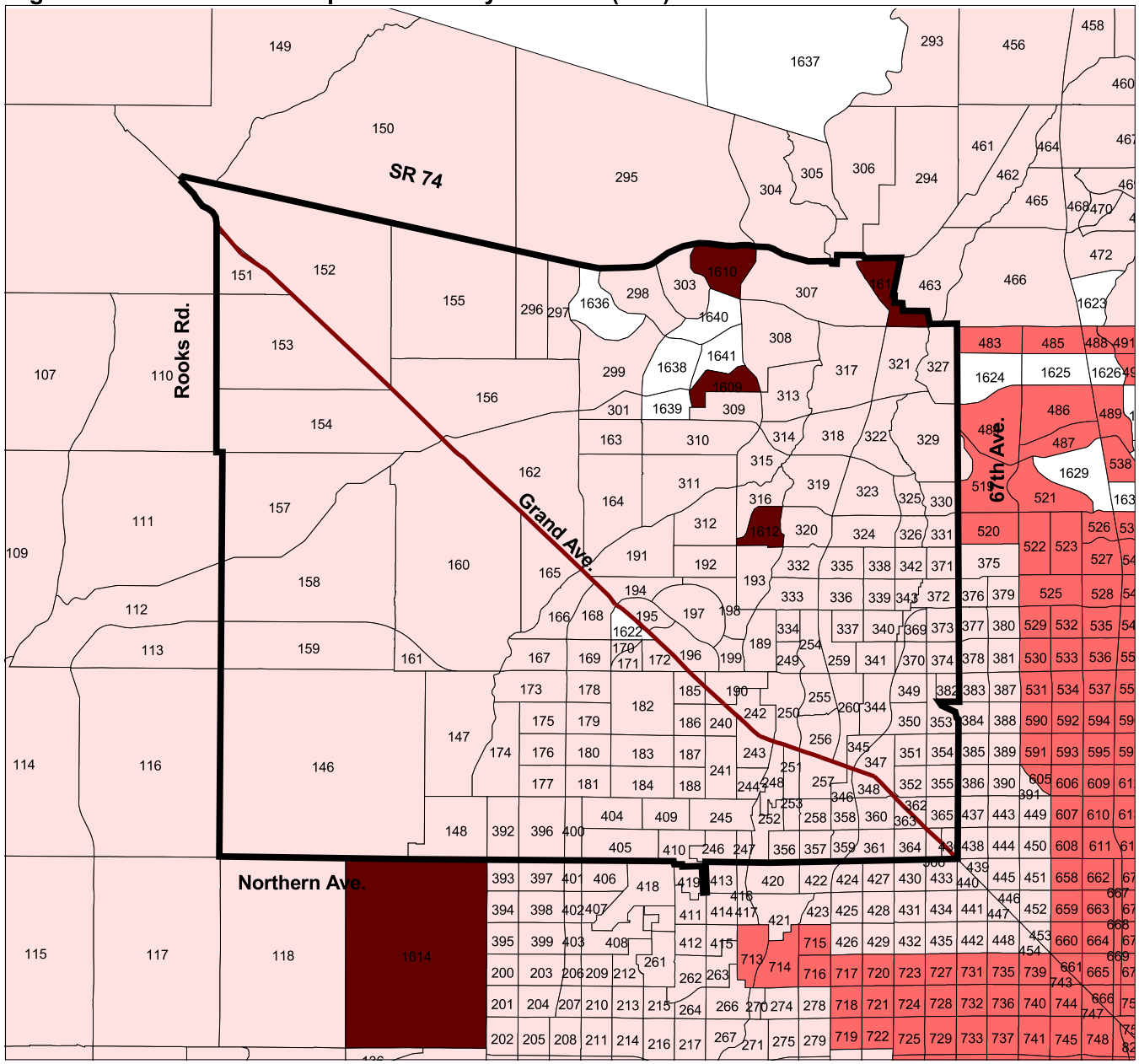
5 0 5 Miles

Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

File: R:/Mag/GrandNW/grand_nw2pho.apr

MARICOPA ASSOCIATION of GOVERNMENTS

Figure A-16. Year 2000 Transportation Analysis Zones (TAZ) Structure



Grand Avenue Northwest Corridor Study

2000 TAZ Data

Base Map Features

- Area of Influence
- Grand Avenue
- TAZ Boundaries
- XXX TAZ Number

N

5 0 5 Miles

Source: 2000 TAZ Data, Maricopa Association of Governments
URS Corporation, January, 2001

File: R:/Mag/GrandNW/grand_nw2pho.apr

MARICOPA ASSOCIATION of GOVERNMENTS

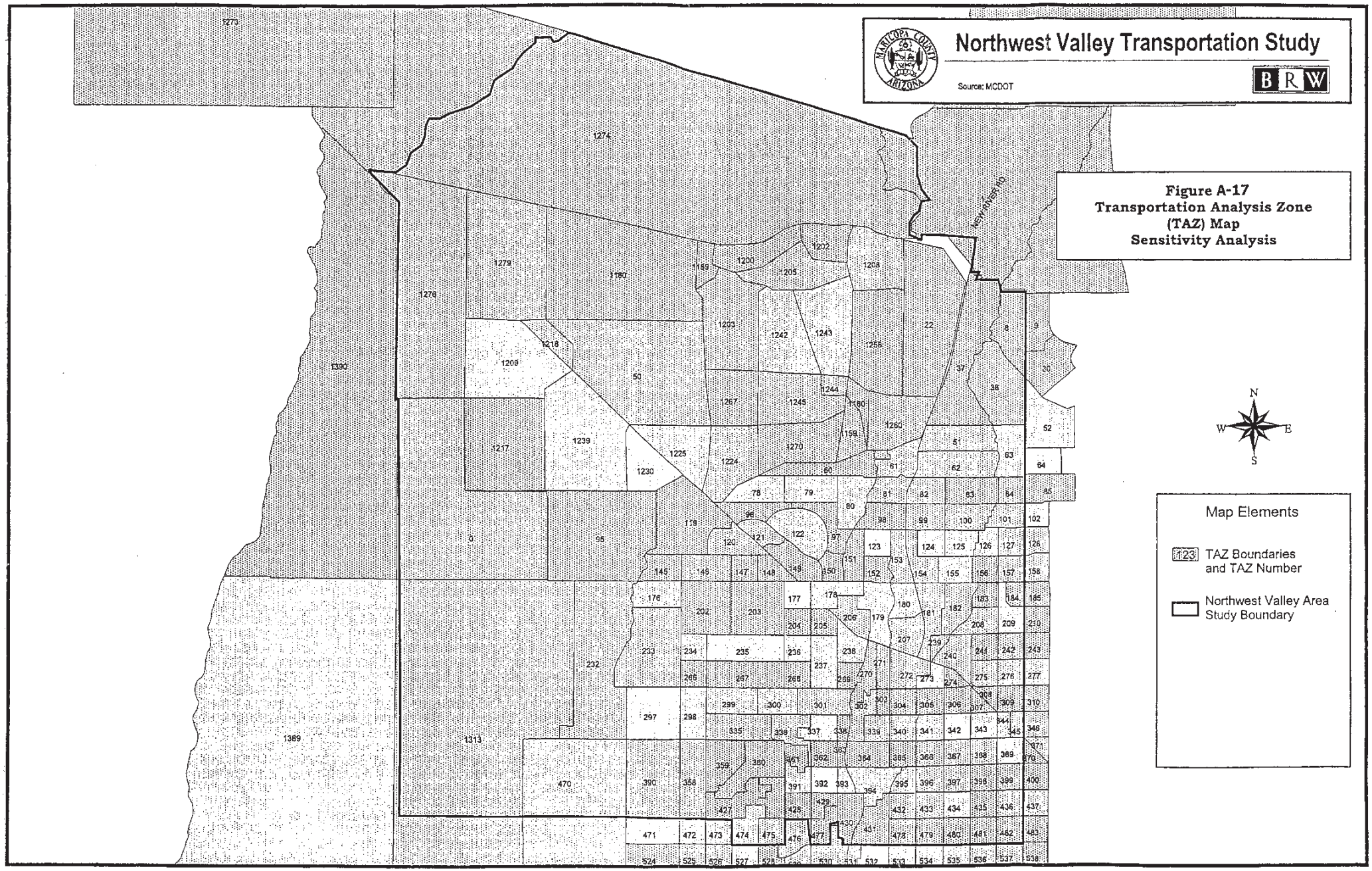

Northwest Valley Transportation Study
Source: MCDOT
BRW
MARICOPA COUNTY ARIZONA
Figure A-17
Transportation Analysis Zone
(TAZ) Map
Sensitivity Analysis
Map Elements
TAZ Boundaries and TAZ Number
Northwest Valley Area Study Boundary
N
S
E
W

TABLE A-1
YEAR 2000 TOTAL POPULATION BY 1996 TAZ
(MAG Adopted Projection)

TAZ (1996 Data)	TOTAL POPULATION 2000	TAZ (1996 Data)	TOTAL POPULATION 2000	TAZ (1996 Data)	TOTAL POPULATION 2000
146	0	241	290	332	0
147	4	242	1164	333	2017
148	0	243	2483	334	1090
151	409	244	438	335	35
152	335	245	0	336	814
153	662	246	0	337	4818
154	235	247	0	338	1334
155	15	248	2739	339	0
156	0	249	1208	340	2740
157	32	250	4781	341	4638
158	32	251	1970	342	267
159	0	252	117	343	7
160	1617	253	1411	344	5569
161	0	254	3924	345	2309
162	388	255	3689	346	2140
163	441	256	5060	347	3548
164	19	257	4024	348	4462
165	358	258	3423	349	551
166	34	259	3309	350	2231
167	1067	260	5645	351	6419
168	2472	296	0	352	6516
169	1626	297	0	353	1353
170	363	298	34	354	3541
171	1127	299	0	355	6839
172	2389	300	0	356	3167
173	484	301	0	357	3501
174	500	302	0	358	3156
175	0	303	0	359	386
176	0	307	5	360	5749
177	0	308	0	361	2905
178	2011	309	0	362	1664
179	0	310	0	363	158
180	0	311	0	364	158
181	0	312	0	365	7135
182	25	313	27	366	42
183	0	314	0	367	24
184	6	315	0	368	0
185	1602	316	0	369	3906
186	591	317	0	370	1382
187	3	318	0	371	4721
188	16	319	18	372	1217
189	2178	320	75	373	6674
190	5459	321	0	374	2423
191	1227	322	0	382	2081
192	258	323	144	392	48
193	146	324	1967	396	1652
194	3762	325	0	400	811
195	2506	326	39	404	16
196	6669	327	0	405	1
197	6392	328	3	409	0
198	4464	329	0	410	100
199	2237	330	15	436	3132
240	1471	331	85	**STUDY AREA TOTAL:**	**223166**

TABLE A-2
YEAR 2000 TOTAL EMPLOYMENT BY 1996 TAZ
(MAG Adopted Projection)

TAZ (1996 Data)	TOTAL EMPLOYMENT 2000	TAZ (1996 Data)	TOTAL EMPLOYMENT 2000	TAZ (1996 Data)	TOTAL EMPLOYMENT 2000
146	2	241	8	332	0
147	14	242	775	333	3
148	2	243	1016	334	254
151	52	244	181	335	2
152	16	245	0	336	0
153	491	246	0	337	527
154	32	247	0	338	862
155	5	248	3	339	0
156	0	249	495	340	1
157	241	250	5	341	92
158	54	251	228	342	0
159	12	252	158	343	0
160	0	253	527	344	661
161	0	254	5	345	0
162	56	255	622	346	241
163	420	256	85	347	1726
164	76	257	5	348	157
165	180	258	1597	349	197
166	475	259	30	350	414
167	34	260	1027	351	103
168	308	296	57	352	61
169	401	297	9	353	945
170	0	298	186	354	1486
171	1847	299	0	355	43
172	290	300	0	356	182
173	842	301	46	357	76
174	1481	302	53	358	918
175	249	303	73	359	38
176	134	307	63	360	134
177	13	308	0	361	330
178	464	309	2	362	736
179	0	310	0	363	499
180	6	311	0	364	177
181	0	312	1	365	16
182	24	313	60	366	662
183	54	314	51	367	76
184	22	315	0	368	0
185	3	316	0	369	0
186	0	317	0	370	1157
187	0	318	0	371	123
188	213	319	76	372	491
189	0	320	362	373	378
190	782	321	0	374	1336
191	606	322	0	382	0
192	1088	323	49	392	1013
193	1236	324	3768	396	0
194	0	325	0	400	0
195	1167	326	630	404	580
196	12	327	0	405	115
197	463	328	2	409	0
198	728	329	0	410	24
199	1454	330	0	436	2
240	9	331	83	**STUDY AREA TOTAL:**	**45234**

TABLE A-3
YEAR 2010 TOTAL POPULATION BY 1996 TAZ
(MAG Adopted Projection)

TAZ (1996 Data)	TOTAL POPULATION 2010	TAZ (1996 Data)	TOTAL POPULATION 2010	TAZ (1996 Data)	TOTAL POPULATION 2010
146	1012	241	0	332	0
147	2093	242	4793	333	0
148	229	243	4045	334	1881
151	2164	244	1208	335	72
152	2237	245	75	336	457
153	571	246	0	337	3423
154	5630	247	11	338	1033
155	1583	248	0	339	358
156	428	249	5645	340	0
157	3777	250	0	341	0
158	3376	251	2550	342	0
159	1201	252	5683	343	1040
160	0	253	1164	344	60
161	0	254	2930	345	3
162	3449	255	7402	346	7599
163	3494	256	1411	347	2240
164	313	257	1137	348	16
165	1283	258	4794	349	0
166	2122	259	438	350	4750
167	52	260	158	351	1902
168	1970	296	15	352	100
169	3492	297	412	353	3689
170	5111	298	1817	354	7741
171	5463	299	205	355	6143
172	291	300	0	356	16
173	5966	301	662	357	122
174	1917	302	16	358	2456
175	1971	303	726	359	622
176	2379	307	2478	360	1
177	41	308	0	361	7321
178	4988	309	0	362	1484
179	174	310	3	363	3309
180	19	311	0	364	8202
181	18	312	683	365	0
182	3762	313	4464	366	6392
183	51	314	253	367	34
184	83	315	0	368	0
185	44	316	0	369	2110
186	0	317	5	370	8309
187	75	318	0	371	4420
188	59	319	1805	372	2081
189	0	320	7061	373	4655
190	4795	321	0	374	2875
191	2831	322	231	382	0
192	6669	323	1789	392	2506
193	3947	324	5084	396	591
194	17	325	0	400	2330
195	7276	326	4193	404	6988
196	0	327	0	405	736
197	5722	328	109	409	0
198	158	329	0	410	4493
199	4498	330	507	436	6
240	500	331	24	**STUDY AREA TOTAL:**	**299853**

TABLE A-4
YEAR 2010 TOTAL EMPLOYMENT BY 1996 TAZ
(MAG Adopted Projection)

TAZ (1996 Data)	TOTAL EMPLOYMENT 2010	TAZ (1996 Data)	TOTAL EMPLOYMENT 2010	TAZ (1996 Data)	TOTAL EMPLOYMENT 2010
146	38	241	12	332	22
147	45	242	881	333	88
148	742	243	1016	334	1205
151	87	244	183	335	91
152	88	245	60	336	43
153	2455	246	19	337	527
154	35	247	70	338	1629
155	40	248	86	339	34
156	257	249	495	340	113
157	585	250	790	341	499
158	351	251	399	342	20
159	271	252	451	343	22
160	139	253	1597	344	1293
161	1039	254	250	345	0
162	660	255	658	346	246
163	1102	256	85	347	1732
164	307	257	7	348	672
165	1369	258	1597	349	200
166	890	259	38	350	430
167	632	260	1028	351	109
168	308	296	90	352	70
169	733	297	19	353	945
170	146	298	426	354	1916
171	2521	299	72	355	59
172	450	300	78	356	229
173	874	301	116	357	92
174	1914	302	190	358	1309
175	637	303	159	359	62
176	169	307	2480	360	360
177	74	308	75	361	331
178	465	309	514	362	1182
179	47	310	4	363	499
180	134	311	12	364	372
181	5	312	4	365	16
182	24	313	64	366	677
183	572	314	103	367	172
184	40	315	1	368	183
185	147	316	17	369	590
186	0	317	147	370	3254
187	23	318	32	371	128
188	752	319	78	372	772
189	184	320	639	373	390
190	1200	321	49	374	1336
191	920	322	53	382	113
192	1141	323	59	392	1264
193	1398	324	3768	396	153
194	16	325	175	400	514
195	1167	326	2058	404	799
196	36	327	83	405	203
197	474	328	19	409	57
198	2255	329	28	410	163
199	1472	330	40	436	204
240	258	331	182	**STUDY AREA TOTAL:**	**80633**

TABLE A-5
YEAR 2020 TOTAL POPULATION BY 1996 TAZ
(MAG Adopted Projection)

TAZ (1996 Data)	TOTAL POPULATION 2020	TAZ (1996 Data)	TOTAL POPULATION 2020	TAZ (1996 Data)	TOTAL POPULATION 2020
146	1372	241	0	332	0
147	3696	242	4806	333	2
148	2072	243	4068	334	2078
151	3922	244	1215	335	2595
152	2237	245	161	336	2168
153	1137	246	11	337	3423
154	9431	247	75	338	1033
155	3512	248	0	339	470
156	2602	249	5645	340	0
157	6750	250	0	341	2
158	6241	251	2811	342	0
159	2309	252	7597	343	4077
160	2	253	2113	344	60
161	0	254	2930	345	3
162	7479	255	7403	346	7599
163	3542	256	1411	347	2241
164	3529	257	1137	348	16
165	2050	258	4800	349	0
166	2952	259	438	350	4750
167	187	260	158	351	1903
168	1970	296	89	352	268
169	3492	297	416	353	3689
170	5111	298	4094	354	7795
171	5468	299	1403	355	6146
172	291	300	0	356	16
173	6844	301	663	357	132
174	2141	302	159	358	2764
175	4366	303	1591	359	651
176	4734	307	2488	360	9
177	131	308	379	361	7763
178	4993	309	0	362	1498
179	998	310	3	363	3309
180	475	311	0	364	8214
181	135	312	4132	365	4
182	3762	313	4464	366	6392
183	938	314	303	367	96
184	83	315	0	368	0
185	96	316	0	369	2110
186	0	317	5	370	8309
187	159	318	0	371	4423
188	5591	319	2135	372	2081
189	0	320	7169	373	4678
190	4811	321	0	374	3032
191	2831	322	650	382	0
192	6669	323	2742	392	2507
193	3970	324	5108	396	629
194	17	325	88	400	2330
195	7277	326	6681	404	7894
196	118	327	0	405	1901
197	5755	328	122	409	33
198	158	329	0	410	4639
199	4524	330	3901	436	6
240	601	331	134	**STUDY AREA TOTAL:**	**374967**

TABLE A-6
YEAR 2020 TOTAL EMPLOYMENT BY 1996 TAZ
(MAG Adopted Projection)

TAZ (1996 Data)	TOTAL EMPLOYMENT 2020	TAZ (1996 Data)	TOTAL EMPLOYMENT 2020	TAZ (1996 Data)	TOTAL EMPLOYMENT 2020
146	62	241	15	332	36
147	66	242	889	333	144
148	746	243	1016	334	1512
151	110	244	186	335	176
152	92	245	100	336	72
153	3154	246	32	337	527
154	37	247	117	338	2212
155	63	248	141	339	90
156	429	249	508	340	185
157	619	250	874	341	885
158	854	251	412	342	33
159	444	252	485	343	36
160	243	253	2140	344	1348
161	2120	254	563	345	19
162	1835	255	659	346	250
163	1539	256	85	347	1759
164	319	257	8	348	1073
165	1465	258	1877	349	200
166	1274	259	74	350	1394
167	1119	260	1028	351	114
168	308	296	112	352	80
169	1232	297	26	353	945
170	240	298	698	354	2552
171	2530	299	120	355	69
172	626	300	128	356	470
173	1580	301	162	357	108
174	1914	302	322	358	1684
175	888	303	216	359	79
176	193	307	2942	360	536
177	93	308	125	361	332
178	466	309	940	362	2275
179	78	310	7	363	543
180	219	311	21	364	373
181	9	312	53	365	16
182	25	313	68	366	678
183	633	314	138	367	228
184	52	315	1	368	330
185	243	316	29	369	1346
186	0	317	355	370	3281
187	278	318	53	371	131
188	774	319	80	372	879
189	307	320	907	373	413
190	1413	321	82	374	1341
191	942	322	252	382	188
192	1159	323	66	392	1305
193	1399	324	3768	396	267
194	27	325	312	400	828
195	1167	326	3132	404	955
196	745	327	138	405	255
197	481	328	30	409	95
198	3130	329	47	410	209
199	1729	330	67	436	324
240	424	331	254	**STUDY AREA TOTAL:**	**103934**

TABLE A-7
YEAR 2025 TOTAL POPULATION BY 2000 TAZ
(MAG Design Projection)

TAZ (2000 Data)	TOTAL POPULATION 2025	TAZ (2000 Data)	TOTAL POPULATION 2025	TAZ (2000 Data)	TOTAL POPULATION 2025
146	1	246	119	345	4992
147	2642	247	5	346	3111
148	495	248	3883	347	4751
151	418	249	1462	348	5303
152	1772	250	5405	349	1042
153	914	251	2215	350	3494
154	501	252	197	351	7599
155	90	253	1557	352	8149
156	189	254	4382	353	2866
157	1548	255	4061	354	4997
158	712	256	5786	355	7553
159	1	257	4572	356	6150
160	4987	258	3717	357	5823
161	0	259	3721	358	4511
162	2918	260	6201	359	2720
163	1799	296	1	360	7917
164	1168	297	1	361	7208
165	1903	298	770	362	2487
166	1642	299	573	363	159
167	3308	301	1	364	160
168	8632	303	1005	365	7463
169	6031	307	6	366	61
170	820	308	1738	367	142
171	3926	309	348	368	0
172	7649	310	474	369	4643
173	2030	311	1035	370	2287
174	685	312	76	371	8190
175	99	313	672	372	3200
176	2	314	70	373	7221
177	0	315	373	374	3547
178	2622	316	19	382	2081
179	2	317	2	392	4357
180	0	318	592	396	3155
181	0	319	236	400	3384
182	226	320	160	404	403
183	1	321	1	405	396
184	6	322	5600	409	3
185	2342	323	3304	410	270
186	629	324	2489	436	5106
187	4	325	17	1609	1295
188	16	326	84	1610	175
189	7601	327	4	1611	2
190	6560	329	1	1612	14
191	7261	330	6051	1622	955
192	6849	331	123	1636	261
193	7170	332	4079	1638	209
194	4283	333	6769	1639	261
195	2964	334	3396	1640	1006
196	7836	335	5593	1641	480
197	7145	336	6244	**STUDY AREA TOTAL:**	**436825**
198	4947	337	9868		
199	2627	338	2139		
240	1629	339	4096		
241	399	340	10872		
242	2535	341	8002		
243	2942	342	3531		
244	1124	343	2641		
245	2	344	8323		

TABLE A-8
YEAR 2025 TOTAL EMPLOYMENT BY 2000 TAZ
(MAG Design Projection)

TAZ (2000 Data)	TOTAL EMPLOYMENT 2025	TAZ (2000 Data)	TOTAL EMPLOYMENT 2025	TAZ (2000 Data)	TOTAL EMPLOYMENT 2025
146	30	246	1047	345	1734
147	114	247	21	346	1688
148	74	248	1341	347	1399
151	36	249	192	348	1883
152	281	250	998	349	2542
153	252	251	317	350	1269
154	209	252	117	351	253
155	127	253	96	352	335
156	1071	254	1409	353	1318
157	574	255	955	354	470
158	622	256	3777	355	1171
159	96	257	1026	356	78
160	1577	258	536	357	436
161	18	259	551	358	140
162	470	260	516	359	134
163	81	296	142	360	2561
164	244	297	86	361	511
165	254	298	17	362	1770
166	235	299	5	363	3940
167	1487	301	64	364	1038
168	1168	303	135	365	667
169	243	307	434	366	1765
170	78	308	138	367	263
171	110	309	496	368	362
172	2038	310	839	369	219
173	3187	311	640	370	2592
174	429	312	120	371	966
175	248	313	259	372	1322
176	147	314	2137	373	961
177	145	315	165	374	1883
178	859	316	89	382	884
179	250	317	134	392	1365
180	492	318	103	396	579
181	190	319	54	400	24
182	1478	320	283	404	1082
183	313	321	1106	405	917
184	331	322	173	409	889
185	1661	323	1209	410	86
186	287	324	2947	436	1430
187	24	325	38	1609	51
188	552	326	57	1610	37
189	492	327	57	1611	228
190	3799	329	33	1612	17
191	74	330	296	1622	2100
192	73	331	34	1636	385
193	77	332	44	1638	5
194	24	333	840	1639	5
195	1305	334	69	1640	137
196	1159	335	923	1641	17
197	676	336	1131	**STUDY AREA TOTAL:**	**119713**
198	66	337	375		
199	90	338	81		
240	2690	339	908		
241	992	340	39		
242	2478	341	1808		
243	477	342	324		
244	77	343	213		
245	1276	344	3954		

TABLE A-9
YEAR 2020 TOTAL POPULATION BY 2000 TAZ
(MAG 303 Alignment Alternative Projection)

TAZ (2000 Data)	TOTAL POPULATION 2020	TAZ (2000 Data)	TOTAL POPULATION 2020	TAZ (2000 Data)	TOTAL POPULATION 2020
146	0	245	1	343	2205
147	34	246	106	344	8160
148	4	247	0	345	2799
151	2079	248	3048	346	2816
152	665	249	1434	347	4047
153	5985	250	5336	348	5073
154	2235	251	2193	349	781
155	1	252	191	350	2949
156	258	253	1542	351	6610
157	2071	254	4327	352	7599
158	1020	255	4021	353	1506
159	0	256	5718	354	4720
160	3306	257	4517	355	7338
161	0	258	3681	356	3555
162	5973	259	3705	357	3643
163	2342	260	6142	358	5240
164	4808	296	0	359	383
165	2	297	0	360	6848
166	7559	298	2798	361	2957
167	9807	299	808	362	1890
168	8968	301	0	363	511
169	5560	303	2207	364	331
170	1366	307	187	365	7020
171	2357	308	1705	366	42
172	4052	309	5523	367	32
173	16271	310	8448	368	0
174	4973	311	2615	369	5121
175	52	312	1	370	4278
176	0	313	381	371	9052
177	0	314	1150	372	8697
178	6635	315	3977	373	9513
179	0	316	0	374	4231
180	0	317	1	382	3260
181	0	318	367	392	109
182	5383	319	995	396	2018
183	381	320	2283	400	0
184	24	321	0	404	16
185	6572	322	2439	405	20
186	0	323	8349	409	0
187	1	324	4463	410	100
188	16	325	6	436	3370
189	2886	326	817	1609	2768
190	7137	327	3	1610	169
191	2983	329	14	1611	1
192	739	330	4820	1612	0
193	2	331	2201	1622	3354
194	3914	332	2402	1636	386
195	2647	333	4557	1638	1485
196	6793	334	2248	1639	389
197	7117	335	4884	1640	3173
198	4188	336	5438	1641	1360
199	1937	337	9777	**STUDY AREA TOTAL**	**468075**
240	1663	338	3699		
241	396	339	3022		
242	2514	340	8910		
243	3372	341	6084		
244	1108	342	2453		

TABLE A-10
YEAR 2020 TOTAL EMPLOYMENT BY 2000 TAZ
(MAG 303 Alignment Alternative Projection)

TAZ (2000 Data)	TOTAL EMPLOYMENT 2020	TAZ (2000 Data)	TOTAL EMPLOYMENT 2020	TAZ (2000 Data)	TOTAL EMPLOYMENT 2020
146	0	245	1024	343	124
147	1	246	1716	344	1474
148	0	247	93	345	2304
151	808	248	1329	346	914
152	5459	249	179	347	472
153	2008	250	785	348	1846
154	517	251	307	349	1907
155	57	252	15	350	632
156	569	253	86	351	276
157	45	254	1232	352	330
158	406	255	941	353	522
159	0	256	3753	354	501
160	236	257	1012	355	1171
161	8	258	525	356	84
162	145	259	557	357	407
163	50	260	492	358	180
164	117	296	0	359	121
165	114	297	0	360	1858
166	1180	298	2506	361	461
167	2233	299	34	362	1348
168	1688	301	0	363	1036
169	204	303	1186	364	1027
170	88	307	3227	365	646
171	137	308	1468	366	808
172	2620	309	373	367	292
173	3279	310	2683	368	189
174	112	311	1219	369	243
175	4	312	0	370	1815
176	3	313	11	371	534
177	3	314	1701	372	2036
178	146	315	1752	373	577
179	0	316	2376	374	2487
180	0	317	0	382	544
181	1	318	3133	392	2
182	2059	319	1156	396	41
183	12	320	313	400	4
184	126	321	499	404	8176
185	1469	322	808	405	11546
186	0	323	1733	409	86
187	0	324	416	410	288
188	758	325	0	436	669
189	259	326	41	1609	117
190	4191	327	0	1610	5154
191	85	329	0	1611	974
192	22	330	379	1612	3313
193	0	331	54	1622	2752
194	24	332	82	1636	3690
195	984	333	792	1638	64
196	1208	334	666	1639	17
197	753	335	1096	1640	3941
198	58	336	1105	1641	2890
199	14	337	513	**STUDY AREA TOTAL:**	**156708**
240	1106	338	170		
241	280	339	581		
242	156	340	229		
243	244	341	1032		
244	30	342	362		

TABLE A-11
YEAR 2040 TOTAL POPULATION BY 2000 TAZ
(MAG 303 Alignment Alternative MAG Projection)

TAZ (2000 Data)	TOTAL POPULATION 2040	TAZ (2000 Data)	TOTAL POPULATION 2040	TAZ (2000 Data)	TOTAL POPULATION 2040
146	0	245	710	343	2444
147	2477	246	7350	344	11025
148	4	247	4	345	4378
151	2498	248	3653	346	3297
152	1453	249	2224	347	6565
153	8249	250	7018	348	5895
154	4308	251	2199	349	2233
155	22	252	1998	350	5318
156	752	253	1546	351	7410
157	4826	254	4402	352	8885
158	2279	255	4025	353	2872
159	0	256	5797	354	4708
160	15030	257	4585	355	7329
161	3	258	3820	356	9319
162	10830	259	3763	357	8029
163	2720	260	6177	358	6590
164	5178	296	37	359	2255
165	353	297	686	360	8731
166	7637	298	10104	361	5404
167	11540	299	2632	362	2250
168	11138	301	558	363	3520
169	5580	303	8671	364	334
170	1358	307	2771	365	7083
171	2421	308	2391	366	100
172	4256	309	8024	367	133
173	16897	310	9020	368	0
174	7295	311	2832	369	5092
175	4722	312	1751	370	8668
176	329	313	991	371	9139
177	0	314	4355	372	9375
178	12713	315	7744	373	10150
179	2301	316	774	374	4875
180	77	317	5580	382	4162
181	234	318	593	392	108
182	14092	319	5261	396	2007
183	2556	320	4578	400	0
184	2035	321	47	404	39
185	6849	322	3199	405	20
186	2615	323	12168	409	13
187	4	324	7009	410	156
188	16	325	2264	436	5410
189	8440	326	1973	1609	3859
190	9890	327	3	1610	3414
191	4244	329	1405	1611	1
192	2511	330	5591	1612	2730
193	592	331	3179	1622	3566
194	3993	332	3015	1636	6479
195	2662	333	5340	1638	1719
196	6894	334	2823	1639	927
197	7111	335	5183	1640	4538
198	4530	336	5700	1641	1399
199	2254	337	10904	**STUDY AREA TOTAL**	**700684**
240	2668	338	3706		
241	5776	339	3906		
242	3438	340	9931		
243	5663	341	7001		
244	2057	342	3390		

TABLE A-12
YEAR 2040 TOTAL EMPLOYMENT BY 2000 TAZ
(MAG 303 Alignment Alternative MAG Projection)

TAZ (2000 Data)	TOTAL EMPLOYMENT 2040	TAZ (2000 Data)	TOTAL EMPLOYMENT 2040	TAZ (2000 Data)	TOTAL EMPLOYMENT 2040
146	0	244	44	341	1347
147	78	245	2905	342	384
148	0	246	1888	343	233
151	818	247	126	344	1527
152	8060	248	1348	345	2327
153	7772	249	202	346	914
154	3930	250	835	347	518
155	698	251	307	348	1861
156	593	252	73	349	2127
157	107	253	86	350	673
158	4563	254	1232	351	291
159	864	255	941	352	337
160	4854	256	3753	353	865
161	12	257	1012	354	501
162	279	258	529	355	1171
163	57	259	618	356	191
164	124	260	493	357	488
165	124	296	1	358	205
166	1181	297	23	359	155
167	3866	298	2736	360	1889
168	1877	299	91	361	506
169	205	301	18	362	1354
170	88	303	1388	363	1094
171	139	307	3341	364	1027
172	2987	308	1490	365	648
173	4248	309	847	366	818
174	152	310	4144	367	294
175	84	311	1423	368	189
176	8	312	37	369	243
177	3	313	33	370	2293
178	430	314	1785	371	534
179	37	315	2001	372	2050
180	1	316	2391	373	650
181	5	317	107	374	2600
182	2254	318	3137	382	560
183	51	319	1245	392	2
184	158	320	353	396	41
185	1964	321	500	400	4
186	45	322	822	404	8176
187	0	323	1808	405	11583
188	2555	324	462	409	86
189	359	325	39	410	289
190	4235	326	63	436	842
191	113	327	0	1609	151
192	58	329	27	1610	5256
193	11	330	393	1611	974
194	26	331	73	1612	3367
195	984	332	97	1622	2754
196	1275	333	1098	1636	3882
197	753	334	678	1638	72
198	68	335	1475	1639	34
199	23	336	1589	1640	3984
240	1123	337	513	1641	2891
241	2149	338	170	**STUDY AREA TOTAL:**	**198267**
242	256	339	1015		
243	277	340	229		

TABLE A-13
BUILDOUT TOTAL POPULATION BY 2000 TAZ
(MAG 303 Alignment Alternative Projection)

TAZ (2000 Data)	TOTAL POPULATION BUILDOUT	TAZ (2000 Data)	TOTAL POPULATION BUILDOUT	TAZ (2000 Data)	TOTAL POPULATION BUILDOUT
146	21	246	10580	345	3487
147	12625	247	4	346	2074
148	5072	248	3025	347	7496
151	3867	249	2048	348	5528
152	22328	250	6190	349	2224
153	58718	251	1970	350	5316
154	63222	252	1972	351	7410
155	8804	253	1411	352	7240
156	24677	254	3693	353	2863
157	88551	255	3689	354	4652
158	101372	256	4710	355	7020
159	9225	257	3859	356	11115
160	99558	258	3512	357	7611
161	1509	259	3376	358	8526
162	81820	260	5645	359	2944
163	3877	296	5594	360	8092
164	9541	297	4253	361	6575
165	12884	298	10435	362	2478
166	7492	299	7777	363	4405
167	11003	301	1858	364	333
168	7529	303	8955	365	7021
169	5570	307	10539	366	100
170	1356	308	4259	367	161
171	2578	309	8913	368	0
172	5032	310	13553	369	5117
173	21182	311	6760	370	8522
174	8411	312	11066	371	8787
175	23013	313	5935	372	9574
176	19725	314	4459	373	10067
177	11862	315	13476	374	4786
178	16964	316	774	382	4162
179	15082	317	20764	392	3826
180	21744	318	1004	396	4511
181	11602	319	6729	400	2048
182	25011	320	5301	404	606
183	17275	321	5234	405	627
184	13758	322	3841	409	13
185	8566	323	13565	410	159
186	8504	324	7221	436	6265
187	25	325	5715	1609	4093
188	16	326	2658	1610	3414
189	8437	327	7564	1611	1914
190	9047	329	5977	1612	4227
191	3930	330	5591	1622	3793
192	3512	331	3179	1636	6754
193	3901	332	3180	1638	1812
194	3837	333	5323	1639	1987
195	2415	334	2151	1640	4841
196	6669	335	5419	1641	1414
197	6696	336	5875	STUDY AREA TOTAL	**1518903**
198	4464	337	8400		
199	2243	338	3670		
240	5279	339	4167		
241	7793	340	7754		
242	4068	341	6886		
243	13941	342	3635		
244	1686	343	2620		
245	3300	344	11011		

TABLE A-14
BUILDOUT TOTAL EMPLOYMENT BY 2000 TAZ
(MAG 303 Alignment Alternative Projection)

TAZ (2000 Data)	TOTAL POPULATION BUILDOUT	TAZ (2000 Data)	TOTAL POPULATION BUILDOUT	TAZ (2000 Data)	TOTAL POPULATION BUILDOUT
146	1	246	119	345	4992
147	2642	247	5	346	3111
148	495	248	3883	347	4751
151	418	249	1462	348	5303
152	1772	250	5405	349	1042
153	914	251	2215	350	3494
154	501	252	197	351	7599
155	90	253	1557	352	8149
156	189	254	4382	353	2866
157	1548	255	4061	354	4997
158	712	256	5786	355	7553
159	1	257	4572	356	6150
160	4987	258	3717	357	5823
161	0	259	3721	358	4511
162	2918	260	6201	359	2720
163	1799	296	1	360	7917
164	1168	297	1	361	7208
165	1903	298	770	362	2487
166	1642	299	573	363	159
167	3308	301	1	364	160
168	8632	303	1005	365	7463
169	6031	307	6	366	61
170	820	308	1738	367	142
171	3926	309	348	368	0
172	7649	310	474	369	4643
173	2030	311	1035	370	2287
174	685	312	76	371	8190
175	99	313	672	372	3200
176	2	314	70	373	7221
177	0	315	373	374	3547
178	2622	316	19	382	2081
179	2	317	2	392	4357
180	0	318	592	396	3155
181	0	319	236	400	3384
182	226	320	160	404	403
183	1	321	1	405	396
184	6	322	5600	409	3
185	2342	323	3304	410	270
186	629	324	2489	436	5106
187	4	325	17	1609	1295
188	16	326	84	1610	175
189	7601	327	4	1611	2
190	6560	329	1	1612	4169
191	7261	330	6051	1622	955
192	6849	331	123	1636	261
193	7170	332	4079	1638	209
194	4283	333	6769	1639	261
195	2964	334	3396	1640	1006
196	7836	335	5593	1641	480
197	7145	336	6244	**STUDY AREA TOTAL**	**440980**
198	4947	337	9868		
199	2627	338	2139		
240	1629	339	4096		
241	399	340	10872		
242	2535	341	8002		
243	2942	342	3531		
244	1124	343	2641		
245	2	344	8323		

TABLE A-15
YEAR 2020 POPULATION
(Northwest Valley Transportation Study Sensitivity Projection and TAZ Structure)

TAZ	Total Population 2020	TAZ	Total Population 2020	TAZ	Total Population 2020
0	0	209	3689	398	7868
1	2385	210	5286	399	13744
2	1315	232	4625	400	8056
8	3	233	10894	427	3876
9	64	234	3781	428	479
22	23932	235	11344	429	2221
30	31	236	0	430	2926
37	4839	237	290	431	7795
38	2272	238	2777	432	9207
50	4512	239	2785	433	3976
51	16317	240	6245	434	5591
52	15289	241	7599	435	6591
60	0	242	4951	436	8401
61	0	243	1804	437	7975
62	6216	266	578	470	10987
63	11396	267	7309	471	10
64	5093	268	4108	472	2
78	2587	269	438	473	423
79	6066	270	2748	474	1251
80	3901	271	1970	475	2741
81	4077	272	3859	476	3151
82	5591	273	3747	477	6933
83	5632	274	3093	478	7610
84	7894	275	6848	479	3937
85	2233	276	7268	480	8963
95	23101	277	5818	481	8263
96	3762	297	4132	482	8254
97	4464	298	2045	483	5811
98	6617	299	16	524	1
99	6222	300	2	525	626
100	6689	301	0	526	2547
101	6356	302	132	527	5620
102	4368	303	1411	528	3590
119	20829	304	3423	529	3707
120	10152	305	5543	530	3817
121	2389	306	6361	531	780
122	6392	307	158	532	8825
123	3806	308	2241	533	4595
124	8214	309	7403	534	2843
125	9431	310	4033	535	8772
126	4773	335	9	536	7535
127	7169	336	268	537	10601
128	965	337	118	538	7007
145	8034	338	4	1159	1295
146	6745	339	6141	1160	0
147	4473	340	4452	1180	0
148	7479	341	3225	1189	1181
149	6669	342	4427	1200	2361
150	2237	343	158	1202	2361
151	5470	344	60	1203	2361
152	6486	345	4811	1205	3542
153	3682	346	11407	1208	2134
154	3309	358	704	1209	1623
155	6761	359	274	1217	1623
156	4346	360	116	1218	1623
157	3474	361	2955	1224	4512
158	4935	362	1554	1225	4512
176	16920	363	107	1230	4512
177	7332	364	2701	1239	4512
178	5922	365	4	1242	12517
179	4660	366	3078	1243	8280
180	3689	367	4900	1244	1603
181	5645	368	5402	1245	10256

TABLE A-15
YEAR 2020 POPULATION
(Northwest Valley Transportation Study Sensitivity Projection and TAZ Structure)

TAZ	Total Population 2020	TAZ	Total Population 2020	TAZ	Total Population 2020
182	7674	369	7454	1256	710
183	837	370	1366	1260	2818
184	2862	371	1681	1267	1228
185	4794	390	3678	1270	6066
202	36863	391	3978	1273	0
203	10395	392	1076	1274	0
204	8262	393	140	1275	0
205	1399	394	261	1276	0
206	2113	395	25	1279	0
207	4710	396	3651	1313	0
208	4323	397	7495	1389	0
1390	0	**STUDY AREA TOTAL**			**1023876**

TABLE A-16
YEAR 2020 EMPLOYMENT
(Northwest Valley Transportation Study Sensitivity Projection and TAZ Structure)

TAZ	Total Employment 2020	TAZ	Total Employment 2020	TAZ	Total Employment 2020
0	0	209	1089	398	670
1	200	210	1069	399	1427
2	2973	232	700	400	1446
8	54	233	847	427	229
9	103	234	701	428	37
22	69	235	2000	429	476
30	120	236	5000	430	125
37	1198	237	606	431	480
38	164	238	400	432	332
50	2668	239	1090	433	216
51	0	240	1939	434	474
52	1285	241	242	435	705
60	0	242	453	436	1326
61	0	243	1338	437	850
62	0	266	0	470	320
63	0	267	1100	471	14
64	651	268	5400	472	1065
78	45	269	72	473	517
79	118	270	1301	474	731
80	67	271	299	475	383
81	36	272	986	476	1301
82	751	273	2272	477	1654
83	387	274	1183	478	838
84	926	275	322	479	297
85	378	276	1133	480	439
95	18000	277	2239	481	770
96	24	297	1682	482	643
97	67	298	178	483	999
98	600	299	1041	524	159
99	828	300	858	525	638
100	848	301	847	526	46
101	1236	302	104	527	160
102	930	303	83	528	2390
119	5814	304	512	529	2361
120	1293	305	498	530	2687
121	1266	306	2104	531	5
122	657	307	3037	532	372
123	130	308	1706	533	2242
124	362	309	639	534	314
125	36	310	1674	535	878
126	449	335	520	536	738
127	879	336	78	537	1465
128	524	337	723	538	993
145	0	338	16	1159	0
146	1292	339	66	1160	0
147	183	340	401	1180	0
148	1780	341	218	1189	9
149	1124	342	359	1200	17
150	90	343	997	1202	17
151	339	344	1308	1203	27
152	247	345	1370	1205	17
153	1357	346	3985	1208	0
154	527	358	527	1209	0
155	1533	359	880	1217	0
156	2051	360	6974	1218	0
157	1492	361	9	1224	2668
158	2544	362	34	1225	2668
176	266	363	20	1230	2668
177	3400	364	954	1239	2668
178	2544	365	2018	1242	104
179	862	366	587	1243	147
180	917	367	442	1244	161

TABLE A-16
YEAR 2020 EMPLOYMENT
(Northwest Valley Transportation Study Sensitivity Projection and TAZ Structure)

TAZ	Total Employment 2020	TAZ	Total Employment 2020	TAZ	Total Employment 2020
181	493	368	219	1245	120
182	3271	369	2729	1256	0
183	1738	370	2448	1260	220
184	852	371	804	1267	206
185	2375	390	282	1270	0
202	1292	391	844	1273	0
203	3000	392	103	1274	0
204	700	393	1	1275	0
205	2207	394	1677	1276	0
206	2076	395	382	1279	0
207	3655	396	447	1313	0
208	1512	397	814	1389	0
1390	0	**STUDY AREA TOTAL**			**225824**