

Thursday, June 5, 2008 (Revised)

Tony J. Loyd, Traffic Engineer
City of Albuquerque Transportation Development Section
600 2nd St. NW
Albuquerque, NM 87102

Re: Cibola Loop Traffic Analysis

Dear Tony:

Attached to this letter is the additional analysis that you require for the Cibola Loop Development located along the north side of Ellison Rd. encompassed within the Cibola Loop roadway. The development of this land was proposed a few years ago, but was a significantly higher trip generator than what is currently being proposed. A trip generation rate comparison table is on Page A-4 in the Appendix of this letter of analysis.

As you requested, attached are the following items for your review:

Page A-1:	Vicinity Map
Page A-2:	Cibola Loop Site Plan for Subdivision
Page A-3:	Aerial Photo of Adjacent Transportation System
Page A-4:	Trip Generation Comparison Table
Page A-5 thru A-8:	Trip Generation Worksheets (Residential land uses)
Page A-9:	Trip Distribution Subarea Map (Residential Trips)
Page A-10 thru A-13:	Trip Distribution Worksheets for Residential Trips
Page A-14:	Trip Distribution Map (Residential Trips)
Page A-15 thru A-16:	Trip Assignments Maps (Residential Trips)
Page A-17:	Trip Distribution Data Analysis Subzone Map (Commercial Trips)
Page A-18 thru A-21:	Trip Distribution Worksheets (Commercial land uses)
Page A-22:	Trip Distribution Map (Commercial Trips)
Page A-23 thru A-24:	Trip Assignments Maps (Commercial Trips)
Page A-25 thru A-48:	Trip Assignments Volumes Worksheets and Intersection Diagrams

Please call me if you have questions or if you need additional information.

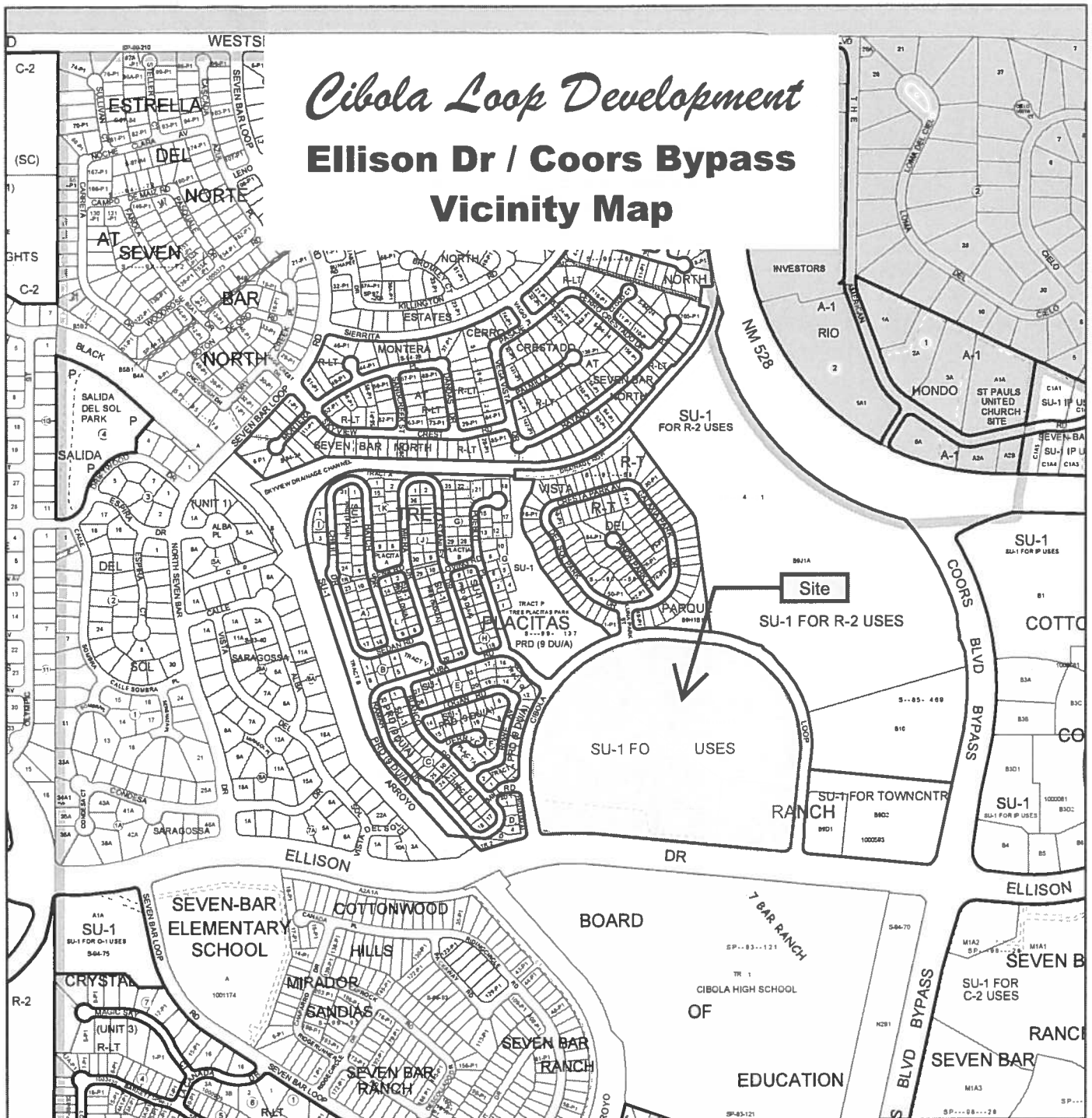
Sincerely,



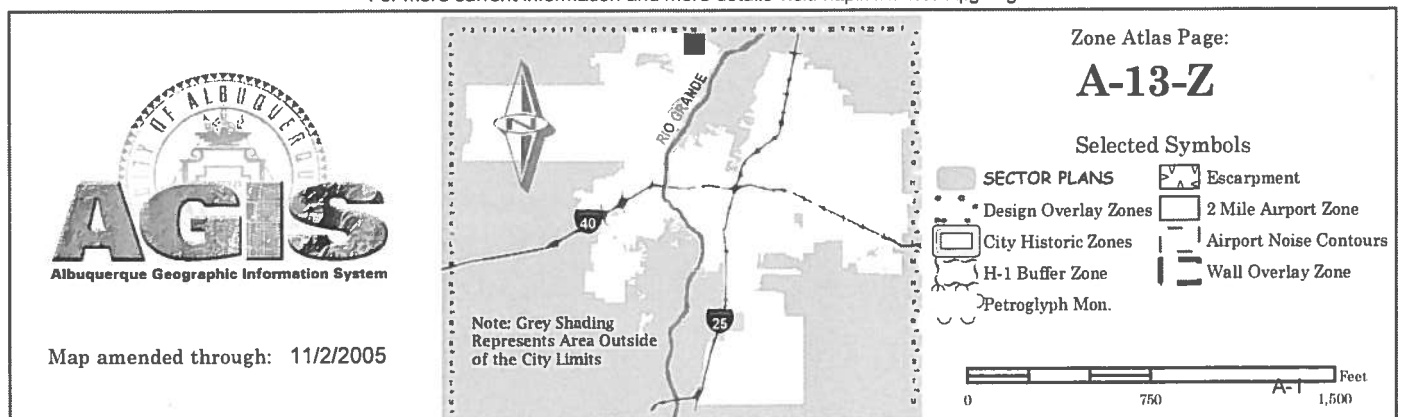
Terry O. Brown, P.E.

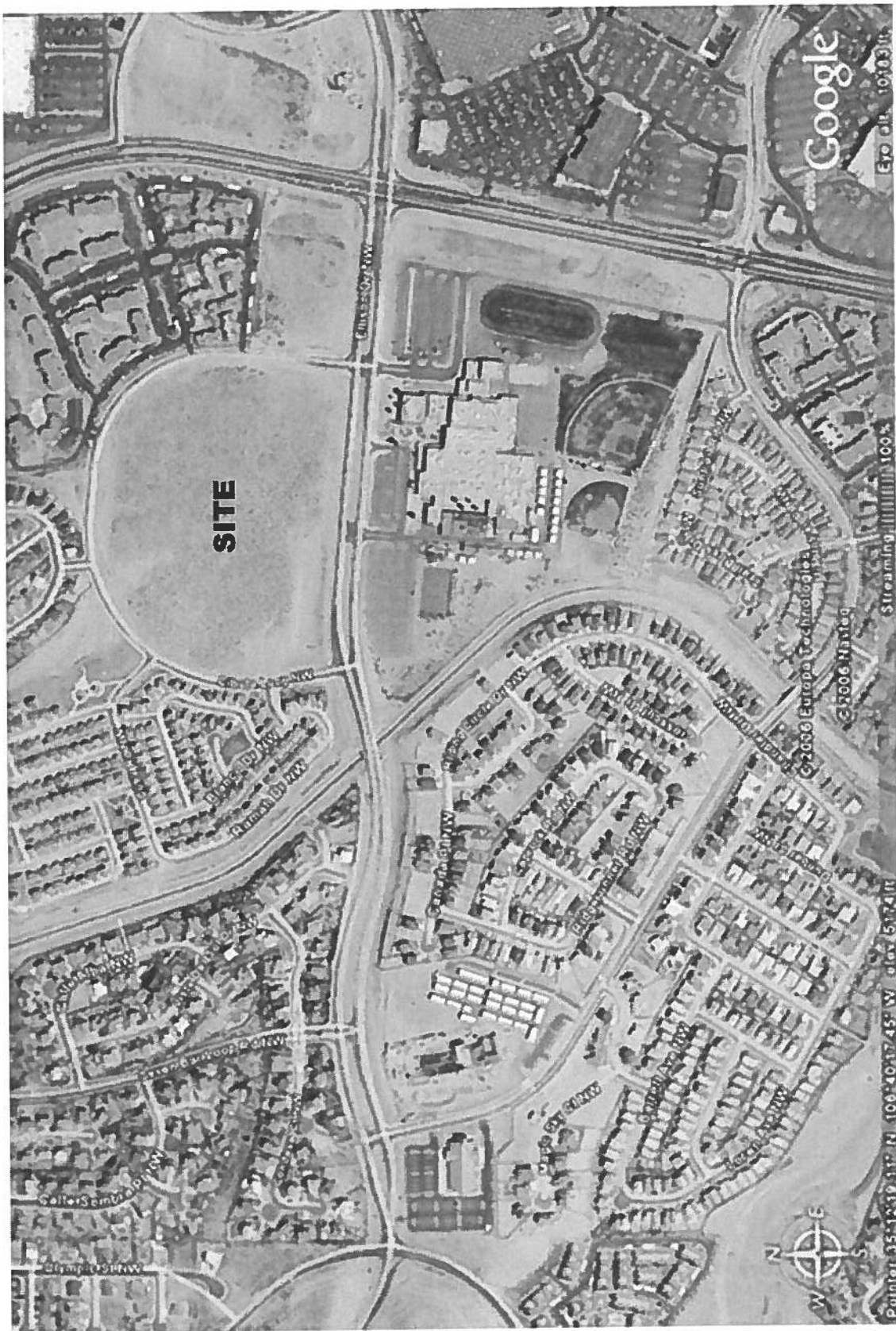
cc: John MacKenzie, Mark Goodwin & Associates

attachments as noted



For more current information and more details visit: <http://www.cabq.gov/gis>





Cihola Loop Development

Ellison Dr / Coors Bypass

Aerial Photo

Cibola Loop

Trip Generation Data

USE (ITE CODE)	DESCRIPTION	24 HR VOL		A. M. PEAK HR.		P. M. PEAK HR.	
		GROSS		ENTER	EXIT	ENTER	EXIT
Summary Sheet							
			Units				
	Shopping Center (820)	6.00	1,091	18	11	47	51
	Senior Adult Housing - Attached (252)	674	2,346	24	30	45	29
	Congregate Care Facility (253)	126	255	4	3	12	10
	Trai Fast Food Restaurant w/ Drive-Thru Window (934)	8.00	3,969	217	208	144	133
	Subtotal		7,661	263	252	248	223
Trip Generation Rates Utilized in TIS (10/07/2006)							
			17,484	381	175	749	929
Increase (+) or Reduction (-) in Trips Generated by New Plan			-56%	-31%	44%	-67%	-76%

Cibola Loop

Trip Generation Data

USE (ITE CODE)	24 HOUR TWO-WAY VOLUME	A. M. PEAK HOUR		P. M. PEAK HOUR	
		ENTER	EXIT	ENTER	EXIT
Units					
Shopping Center (820)					

Shopping Center (820)

ITE Trip Generation Equations:

Average Vehicle Trip Ends on a Weekday (24 HOUR TWO-WAY VOLUME)

$$\text{Ln}(\bar{T}) = 0.65 \text{ Ln}(X) + 5.83$$

50% Enter, 50% Exit

Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7am and 9am (A.M. PEAK HOUR)

$$\text{Ln}(\bar{T}) = 0.6 \text{ Ln}(X) + 2.26$$

61% Enter, 39% Exit

Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4pm and 6pm (P.M. PEAK HOUR)

$$\text{Ln}(\bar{T}) = 0.66 \text{ Ln}(X) + 3.403$$

48% Enter, 52% Exit

Comments:

Tract No.

Based on ITE Trip Generation Manual - 7th Edition

Cibola Loop

Trip Generation Data

USE (ITE CODE)	24 HOUR TWO-WAY VOLUME	A. M. PEAK HOUR		P. M. PEAK HOUR		
		ENTER	EXIT	ENTER	EXIT	
Units						
	674.00	2,346	24	30	45	29
Senior Adult Housing - Attached (252)						

Senior Adult Housing - Attached (252)

ITE Trip Generation Equations:

Average Vehicle Trip Ends on a Weekday (24 HOUR TWO-WAY VOLUME)

$$T = 3.48 (X) + 0$$

50% Enter, 50% Exit

Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7am and 9am (A.M. PEAK HOUR)

$$T = 0.08 (X) + 0$$

45% Enter, 55% Exit

Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4pm and 6pm (P.M. PEAK HOUR)

$$T = 0.11 (X) + 0$$

61% Enter, 39% Exit

Comments:

Tract No.

Based on ITE Trip Generation Manual - 7th Edition

Cibola Loop

Trip Generation Data

USE (ITE CODE)	24 HOUR TWO-WAY VOLUME	A. M. PEAK HOUR		P. M. PEAK HOUR		
		ENTER	EXIT	ENTER	EXIT	
Units						
Congregate Care Facility (253)		255	4	3	12	10
Dwelling Units						

ITE Trip Generation Equations:

Average Vehicle Trip Ends on a Weekday (24 HOUR TWO-WAY VOLUME)

$$T = \frac{2.02 (X) + 0}{50\% \text{ Enter, } 50\% \text{ Exit}}$$

Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7am and 9am (A.M. PEAK HOUR)

$$T = \frac{0.06 (X) + 0}{50\% \text{ Enter, } 41\% \text{ Exit}}$$

Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4pm and 6pm (P.M. PEAK HOUR)

$$T = \frac{0.17 (X) + 0}{55\% \text{ Enter, } 45\% \text{ Exit}}$$

Comments:

Tract No.

Based on ITE Trip Generation Manual - 7th Edition

Cibola Loop

Trip Generation Data

USE (ITE CODE)	24 HOUR TWO-WAY VOLUME	A. M. PEAK HOUR		P. M. PEAK HOUR		
		ENTER	EXIT	ENTER	EXIT	
Units						
Fast Food Restaurant w/ Drive-Thru Window (934)		3,969	217	208	144	133
8.00						
1,000 S.F.						

ITE Trip Generation Equations:

Average Vehicle Trip Ends on a Weekday (24 HOUR TWO-WAY VOLUME)

$$T = 496.12 (X)^{.50} + 0$$

50% Enter, 50% Exit

Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7am and 9am (A.M. PEAK HOUR)

$$T = 53.11 (X)^{.51} + 0$$

51% Enter, 49% Exit

Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4pm and 6pm (P.M. PEAK HOUR)

$$T = 34.64 (X)^{.52} + 0$$

52% Enter, 48% Exit

Comments:

Tract No.

Based on ITE Trip Generation Manual - 7th Edition

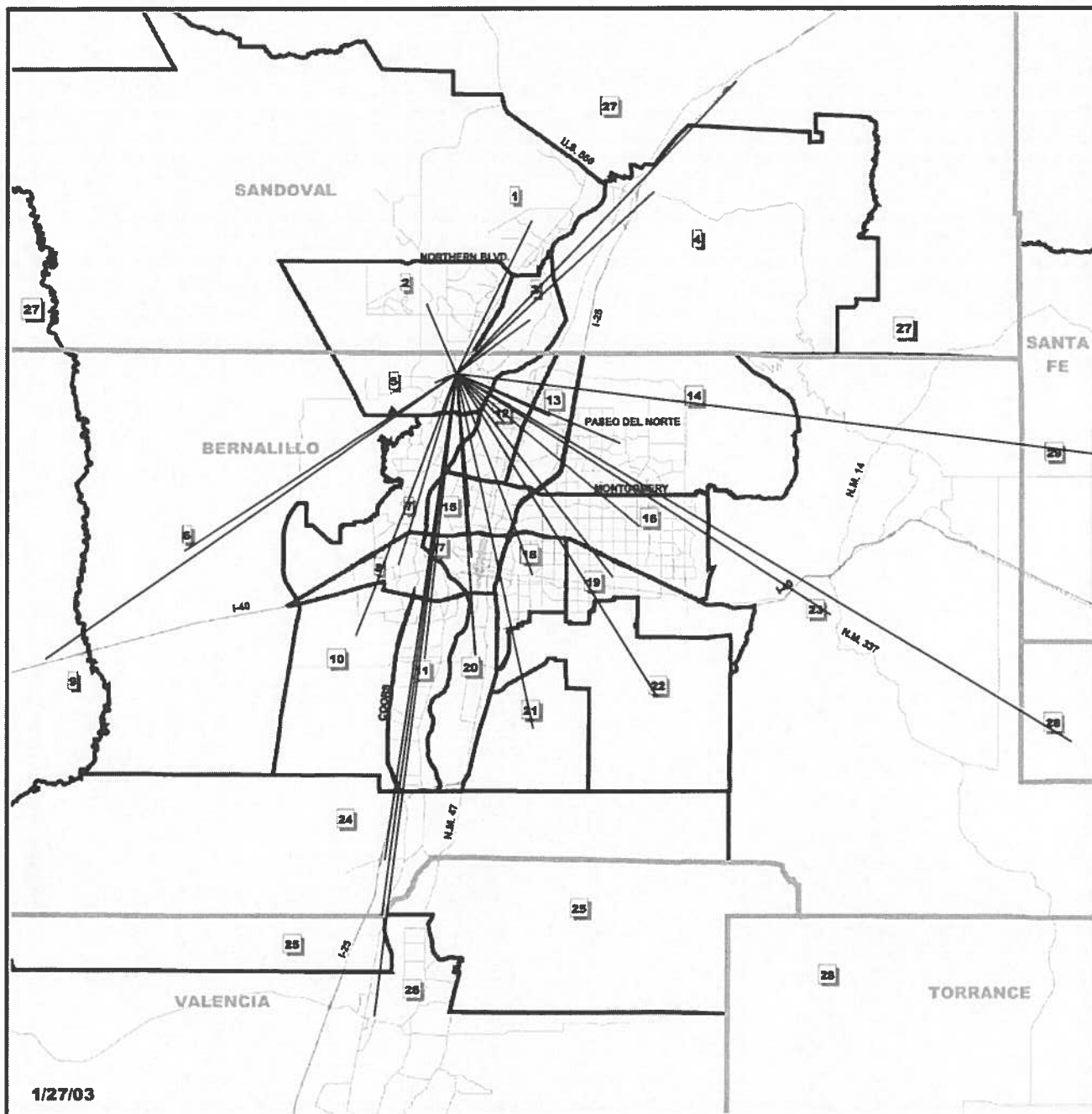


Figure 6

22 Subarea Identification Number

Subareas of the MRCOG Region



**Mid-Region
Council of Governments**
317 Commercial NE, Suite 104
Albuquerque, NM 87102
505-247-1750

Subarea boundaries extend to county boundary
where full extent of subarea not shown except for Subarea 29
which only includes southern Santa Fe County.

Cibola Loop Development (Ellison Blvd / Coors Bypass) Trip Distribution Subarea Map

Trip Distribution Table

Cibola Loop Development (Ellison Dr / Coors Bypass)

Sub Area Employment Data

For determination of Trip Distribution for Proposed **Residential Development Trips**

2004 and 2030 Data Taken from Mid-Region Council of Governments' 2031 Socioeconomic

Forecasts by Data Analysis Subzones for the Mid-Region of New Mexico

Sub Area I.D.#	% Sub Area In Study	2004 Employment	2030 Employment	Interpolated Employment for the Year	Employment in Study	Dist. (Mi.)	Employment / Distance	(7N)			(CN)			(EE)		
								% Utilizing	Employment / Dist. Utilizing	Employment	% Utilizing	Employment / Dist. Utilizing	Employment	% Utilizing	Employment / Dist. Utilizing	Employment
1	100%	4,903	21,902	10,133	10,133	7.2	1,407	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
2	100%	16,736	23,706	18,881	18,881	3.2	5,900	0%	0.00%	0	25%	1.98%	1,475	0%	0.00%	0
3	100%	1,267	1,648	1,384	1,384	3.9	355	0%	0.00%	0	0%	0.00%	0	100%	0.48%	355
4	100%	2,935	4,943	3,553	3,553	11.3	314	0%	0.00%	0	0%	0.00%	0	100%	0.42%	314
5*	100%	13,877	28,079	18,247	18,247	1	18,247	3%	0.73%	547	2%	0.49%	365	14%	3.43%	2,555
6	100%	712	11,759	4,111	4,111	13.7	300	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
7	100%	8,372	19,146	11,687	11,687	5.5	2,125	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
8	100%	8,058	15,002	10,195	10,195	8.4	1,214	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
9	100%	781	1,498	1,002	1,002	21	48	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
10	100%	3,342	8,902	5,053	5,053	11.8	428	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
11	100%	5,555	7,264	6,081	6,081	12.1	503	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
12	100%	6,929	7,741	7,179	7,179	2.8	2,564	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
13	100%	38,326	49,804	41,858	41,858	4.3	9,734	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
14	100%	35,837	44,920	38,632	38,632	7.5	5,151	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
15	100%	18,228	22,077	19,412	19,412	5.6	3,466	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
16	100%	60,444	63,459	61,372	61,372	10.1	6,076	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
17	100%	33,936	37,420	35,008	35,008	7.8	4,488	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
18	100%	44,662	51,256	46,691	46,691	9.1	5,131	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
19	100%	27,971	31,533	29,067	29,067	10.8	2,691	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
20	100%	7,090	11,147	8,338	8,338	11.9	701	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
21	100%	49	10,028	3,119	3,119	15.3	204	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
22	100%	29,284	30,169	29,556	29,556	16.1	1,836	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
23	100%	2,651	5,057	3,391	3,391	18.9	179	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
24	100%	1,727	2,244	1,886	1,886	20.7	91	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
25	100%	161	215	178	178	23	8	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
26	100%	17,290	32,326	21,916	21,916	27.3	803	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
27	100%	4,520	6,134	5,017	5,017	17.1	293	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
28	100%	4,545	6,685	5,203	5,203	30.3	172	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
29	100%	1,451	3,796	2,173	2,173	27.2	80	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
		401,639	559,860	450,322	450,322		74,510		100.00%	547		0.73%	1,840		4.33%	3,224
										0.73%		2.47%	2,47%			4.33%

* - Subarea in which the site is located.

Trip Distribution Table

Cibola Loop Development (Ellison Dr / Coors Bypass)

Sub Area Employment Data

For determination of Trip Distribution for Proposed Residential Development Trips

2004 and 2030 Data Taken from Mid-Region Council of Governments 2031 Socioeconomic

Forecasts by Data Analysis Subzones for the Mid-Region of New Mexico

Sub Area I.D.#	% Sub Area in Study	2004 Employment	2030 Employment	Interpolated Employment for the Year	Employment in Study	Dist. (Mi.)	Employment / Distance	(CS)			(7S)			(GS)		
								% Utilizing	% Employment / Dist. Utilizing	Employment	% Utilizing	% Employment / Dist. Utilizing	Employment	% Utilizing	% Employment / Dist. Utilizing	Employment
1	100%	4,903	21,902	10,133	10,133	7.2	1,407	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
2	100%	16,736	23,706	18,881	18,881	3.2	5,900	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
3	100%	1,267	1,648	1,384	1,384	3.9	355	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
4	100%	2,935	4,943	3,553	3,553	11.3	314	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
5*	100%	13,877	28,079	18,247	18,247	1	18,247	18%	4.41%	3,284	3%	0.73%	547	29%	7.10%	5,292
6	100%	712	11,759	4,111	4,111	13.7	300	0%	0.00%	0	0%	0.00%	0	50%	0.20%	150
7	100%	8,372	19,146	11,887	11,887	5.5	2,125	75%	2.14%	1,594	0%	0.00%	0	25%	0.71%	531
8	100%	8,058	15,002	10,195	10,195	8.4	1,214	75%	1.22%	910	0%	0.00%	0	25%	0.41%	303
9	100%	781	1,498	1,002	1,002	21	48	0%	0.00%	0	0%	0.00%	0	50%	0.03%	24
10	100%	3,342	8,902	5,053	5,053	11.8	428	0%	0.00%	0	0%	0.00%	0	50%	0.29%	214
11	100%	5,555	7,264	6,081	6,081	12.1	503	75%	0.51%	377	0%	0.00%	0	25%	0.17%	126
12	100%	6,929	7,741	7,179	7,179	2.8	2,564	100%	3.44%	2,564	0%	0.00%	0	0%	0.00%	0
13	100%	38,326	49,804	41,858	41,858	4.3	9,734	100%	13.06%	9,734	0%	0.00%	0	0%	0.00%	0
14	100%	35,837	44,920	38,632	38,632	7.5	5,151	100%	6.91%	5,151	0%	0.00%	0	0%	0.00%	0
15	100%	18,228	22,077	19,412	19,412	5.6	3,466	100%	4.65%	3,466	0%	0.00%	0	0%	0.00%	0
16	100%	60,444	63,459	61,372	61,372	10.1	6,076	100%	8.16%	6,076	0%	0.00%	0	0%	0.00%	0
17	100%	33,936	37,420	35,008	35,008	7.8	4,488	30%	1.81%	1,346	0%	0.00%	0	35%	2.11%	1,571
18	100%	44,662	51,256	46,691	46,691	9.1	5,131	30%	2.07%	1,539	0%	0.00%	0	35%	2.41%	1,796
19	100%	27,971	31,533	29,067	29,067	10.8	2,691	30%	1.08%	807	0%	0.00%	0	35%	1.26%	942
20	100%	7,090	11,147	8,338	8,338	11.9	701	30%	0.28%	210	0%	0.00%	0	35%	0.33%	245
21	100%	49	10,028	3,119	3,119	15.3	204	30%	0.08%	61	0%	0.00%	0	35%	0.10%	71
22	100%	29,284	30,169	29,556	29,556	16.1	1,836	30%	0.74%	551	0%	0.00%	0	35%	0.86%	643
23	100%	2,651	5,057	3,391	3,391	18.9	179	30%	0.07%	54	0%	0.00%	0	35%	0.08%	63
24	100%	1,727	2,244	1,866	1,866	20.7	91	30%	0.04%	27	0%	0.00%	0	35%	0.04%	32
25	100%	161	215	178	178	23	8	30%	0.00%	2	0%	0.00%	0	35%	0.00%	3
26	100%	17,290	32,326	21,916	21,916	27.3	803	30%	0.32%	241	0%	0.00%	0	35%	0.38%	281
27	100%	4,520	6,134	5,017	5,017	17.1	293	30%	0.12%	88	0%	0.00%	0	35%	0.14%	103
28	100%	4,545	6,685	5,203	5,203	30.3	172	30%	0.07%	52	0%	0.00%	0	35%	0.08%	60
29	100%	1,451	3,796	2,173	2,173	27.2	80	100%	0.11%	80	0%	0.00%	0	0%	0.00%	0
		401,639	559,860	450,322	450,322	74,510	38,216	51.29%	51.29%	51,296	0.73%	0.73%	547	16.71%	16.71%	12,449
																16,71%

* - Subarea in which the site is located.

Trip Distribution Table

Cibola Loop Development (Ellison Dr / Coors Bypass)

Sub Area Employment Data

For determination of Trip Distribution for Proposed Residential Development Trips

2004 and 2030 Data Taken from Mid-Region Council of Governments' 2030 Socioeconomic

Forecast by Data Analysis Subzones for the Mid-Region of New Mexico

Sub Area I.D.#	% Sub Area In Study	2004 Employment	2030 Employment	Interpolated Employment for the Year	Employment in Study	Dist. (Mi.)	Employment / Distance	(NW)			(GN)			(GuN)		
								% Utilizing	% Employment / Dist. Utilizing	Employment	% Utilizing	% Employment / Dist. Utilizing	Employment	% Utilizing	% Employment / Dist. Utilizing	Employment
1	100%	4,903	21,902	10,133	10,133	7.2	1,407	50%	0.94%	704	50%	0.94%	704	0%	0.00%	0
2	100%	16,736	23,706	18,881	18,881	3.2	5,900	40%	3.17%	2,360	35%	2.77%	2,065	0%	0.00%	0
3	100%	1,267	1,648	1,384	1,384	3.9	355	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
4	100%	2,935	4,943	3,553	3,553	11.3	314	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
5*	100%	13,877	28,079	18,247	18,247	1	18,247	27%	6.61%	4,927	1%	0.24%	182	0%	0.00%	182
6	100%	712	11,759	4,111	4,111	13.7	300	50%	0.20%	150	0%	0.00%	0	0%	0.00%	0
7	100%	8,372	19,146	11,687	11,687	5.5	2,125	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
8	100%	8,058	15,002	10,195	10,195	8.4	1,214	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
9	100%	781	1,498	1,002	1,002	21	48	50%	0.03%	24	0%	0.00%	0	0%	0.00%	0
10	100%	3,342	8,902	5,053	5,053	11.8	428	50%	0.29%	214	0%	0.00%	0	0%	0.00%	0
11	100%	5,555	7,264	6,081	6,081	12.1	503	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
12	100%	6,929	7,741	7,179	7,179	2.8	2,564	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
13	100%	38,326	49,804	41,858	41,858	4.3	9,734	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
14	100%	35,837	44,920	38,632	38,632	7.5	5,151	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
15	100%	18,228	22,077	19,412	19,412	5.6	3,466	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
16	100%	60,444	63,459	61,372	61,372	10.1	6,076	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
17	100%	33,936	37,420	35,008	35,008	7.8	4,488	35%	2.11%	1,571	0%	0.00%	0	0%	0.00%	0
18	100%	44,962	51,256	46,691	46,691	9.1	5,131	35%	2.41%	1,796	0%	0.00%	0	0%	0.00%	0
19	100%	27,971	31,533	29,067	29,067	10.8	2,691	35%	1.26%	942	0%	0.00%	0	0%	0.00%	0
20	100%	7,090	11,147	8,338	8,338	11.9	701	35%	0.33%	245	0%	0.00%	0	0%	0.00%	0
21	100%	49	10,028	3,119	3,119	15.3	204	35%	0.10%	71	0%	0.00%	0	0%	0.00%	0
22	100%	29,284	30,169	29,556	29,556	16.1	1,836	35%	0.86%	643	0%	0.00%	0	0%	0.00%	0
23	100%	2,651	5,057	3,391	3,391	18.9	179	35%	0.08%	63	0%	0.00%	0	0%	0.00%	0
24	100%	1,727	2,244	1,886	1,886	20.7	91	35%	0.04%	32	0%	0.00%	0	0%	0.00%	0
25	100%	161	215	178	178	23	8	35%	0.00%	3	0%	0.00%	0	0%	0.00%	0
26	100%	17,290	32,326	21,916	21,916	27.3	803	35%	0.38%	281	0%	0.00%	0	0%	0.00%	0
27	100%	4,520	6,134	5,017	5,017	17.1	293	35%	0.14%	103	0%	0.00%	0	0%	0.00%	0
28	100%	4,545	6,685	5,203	5,203	30.3	172	35%	0.08%	60	0%	0.00%	0	0%	0.00%	0
29	100%	1,451	3,796	2,173	2,173	27.2	80	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
		401,639	559,860	450,322	450,322		74,510		19.04%	14,187		3.96%	2,951		0.24%	182
										19.04%			3.96%			0.24%

* - Subarea in which the site is located.

Trip Distribution Table

Cibola Loop Development (Elision Dr / Coors Bypass)

Sub Area Employment Data

For Determination of Trip Distribution for Proposed Residential Development Trips

2004 and 2020 Data Taken from Mid-Region Council of Governments' 2021 Socioeconomic

Forecasts by Data Analysis Subzones for the Mid-Region of New Mexico

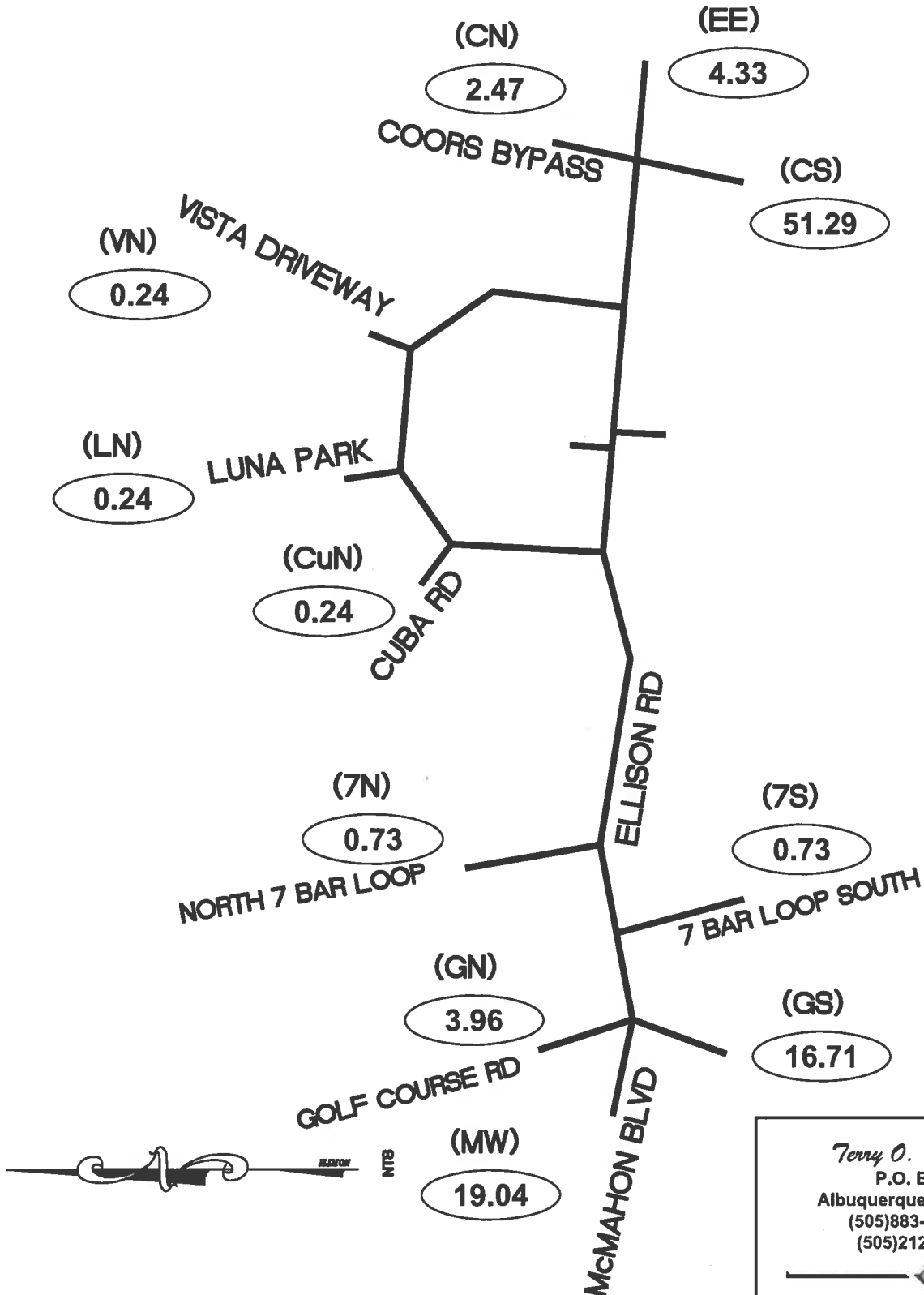
Sub Area I.D.#	% Sub Area in Study	2004 Employment	2020 Employment	Interpolated Employment for the Year	Employment in Study	Dist. (Mi.)	Employment / Distance	(LN)			(VN)		
								% Utilizing	% Employment / Dist. Utilizing	Employment	% Utilizing	% Employment / Dist. Utilizing	Employment
1	100%	4,903	21,902	10,133	10,133	7.2	1,407	0%	0.00%	0	0%	0.00%	0
2	100%	16,736	23,706	18,881	18,881	3.2	5,900	0%	0.00%	0	0%	0.00%	0
3	100%	1,267	1,648	1,384	1,384	3.9	355	0%	0.00%	0	0%	0.00%	0
4	100%	2,935	4,943	3,553	3,553	11.3	314	0%	0.00%	0	0%	0.00%	0
5*	100%	13,877	28,079	18,247	18,247	1	18,247	1%	0.24%	182	1%	0.24%	182
6	100%	712	11,759	4,111	4,111	13.7	300	0%	0.00%	0	0%	0.00%	0
7	100%	8,372	19,146	11,687	11,687	5.5	2,125	0%	0.00%	0	0%	0.00%	0
8	100%	8,058	15,002	10,195	10,195	8.4	1,214	0%	0.00%	0	0%	0.00%	0
9	100%	781	1,498	1,002	1,002	21	48	0%	0.00%	0	0%	0.00%	0
10	100%	3,342	8,902	5,053	5,053	11.8	428	0%	0.00%	0	0%	0.00%	0
11	100%	5,555	7,264	6,081	6,081	12.1	503	0%	0.00%	0	0%	0.00%	0
12	100%	6,929	7,741	7,179	7,179	2.8	2,564	0%	0.00%	0	0%	0.00%	0
13	100%	38,326	49,804	41,858	41,858	4.3	9,734	0%	0.00%	0	0%	0.00%	0
14	100%	35,837	44,920	38,632	38,632	7.5	5,151	0%	0.00%	0	0%	0.00%	0
15	100%	18,228	22,077	19,412	19,412	5.6	3,466	0%	0.00%	0	0%	0.00%	0
16	100%	60,444	63,459	61,372	61,372	10.1	6,076	0%	0.00%	0	0%	0.00%	0
17	100%	33,936	37,420	35,008	35,008	7.8	4,488	0%	0.00%	0	0%	0.00%	0
18	100%	44,662	51,256	46,691	46,691	9.1	5,131	0%	0.00%	0	0%	0.00%	0
19	100%	27,971	31,533	29,067	29,067	10.8	2,691	0%	0.00%	0	0%	0.00%	0
20	100%	7,090	11,147	8,338	8,338	11.9	701	0%	0.00%	0	0%	0.00%	0
21	100%	49	10,028	3,119	3,119	15.3	204	0%	0.00%	0	0%	0.00%	0
22	100%	29,284	30,169	29,556	29,556	16.1	1,836	0%	0.00%	0	0%	0.00%	0
23	100%	2,651	5,057	3,391	3,391	18.9	179	0%	0.00%	0	0%	0.00%	0
24	100%	1,727	2,244	1,886	1,886	20.7	91	0%	0.00%	0	0%	0.00%	0
25	100%	161	215	178	178	23	8	0%	0.00%	0	0%	0.00%	0
26	100%	17,290	32,326	21,916	21,916	27.3	803	0%	0.00%	0	0%	0.00%	0
27	100%	4,520	6,134	5,017	5,017	17.1	293	0%	0.00%	0	0%	0.00%	0
28	100%	4,545	6,685	5,203	5,203	30.3	172	0%	0.00%	0	0%	0.00%	0
29	100%	1,451	3,796	2,173	2,173	27.2	80	0%	0.00%	0	0%	0.00%	0
		401,639	559,860	450,322	450,322	74,510			0.24%	182		0.24%	182
										0.24%			0.24%

* - Subarea in which the site is located.

Cibola Loop Development

(Ellison Dr / Coors Bypass)

Residential Trip Distribution Map (%)



Terry O. Brown, P.E.

P.O. Box 92051

Albuquerque, NM 87199-2051

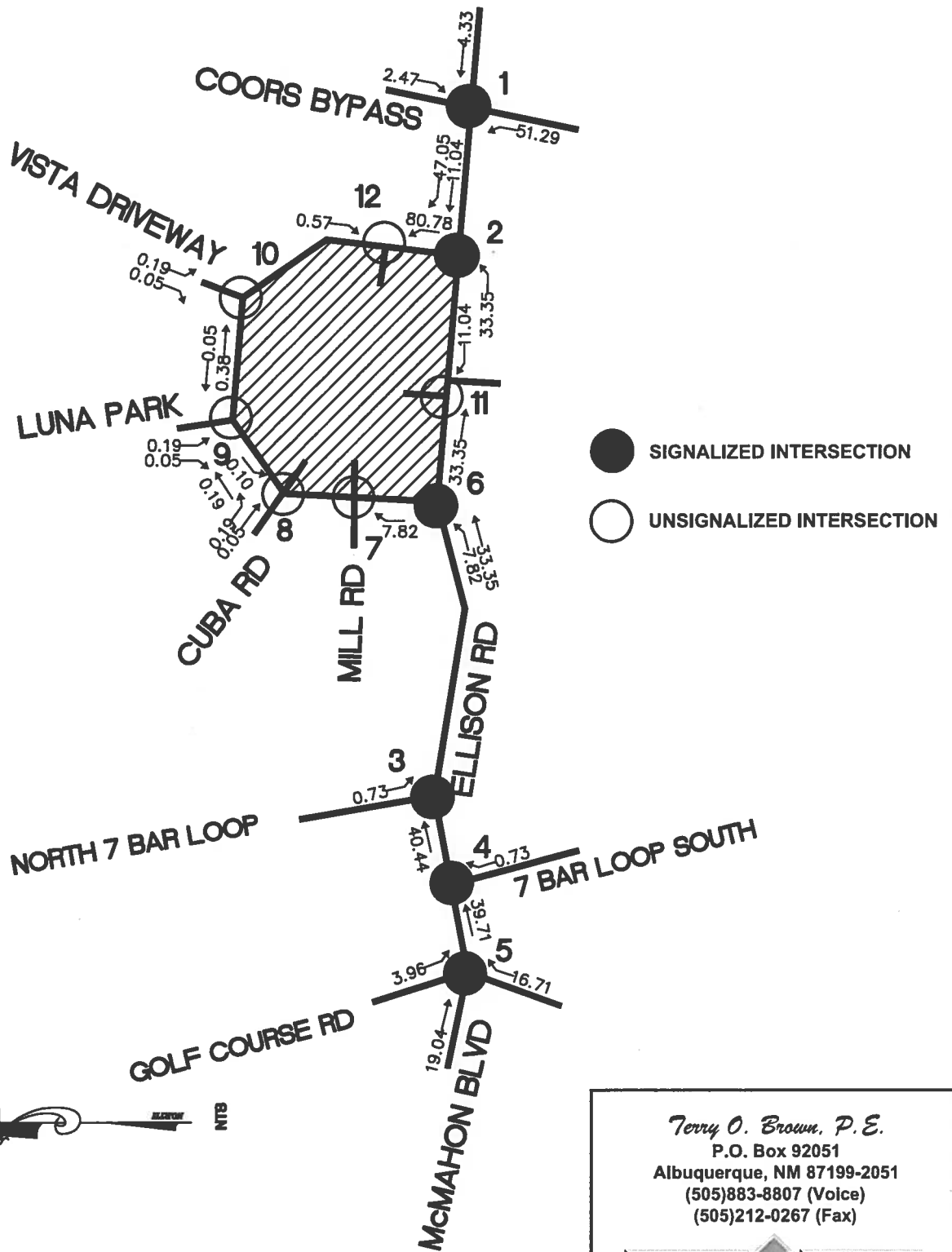
(505)883-8807 (Voice)

(505)212-0267 (Fax)

Cibola Loop Development

(Ellison Dr / Coors Bypass)

Residential Trip Assignments (% Entering)



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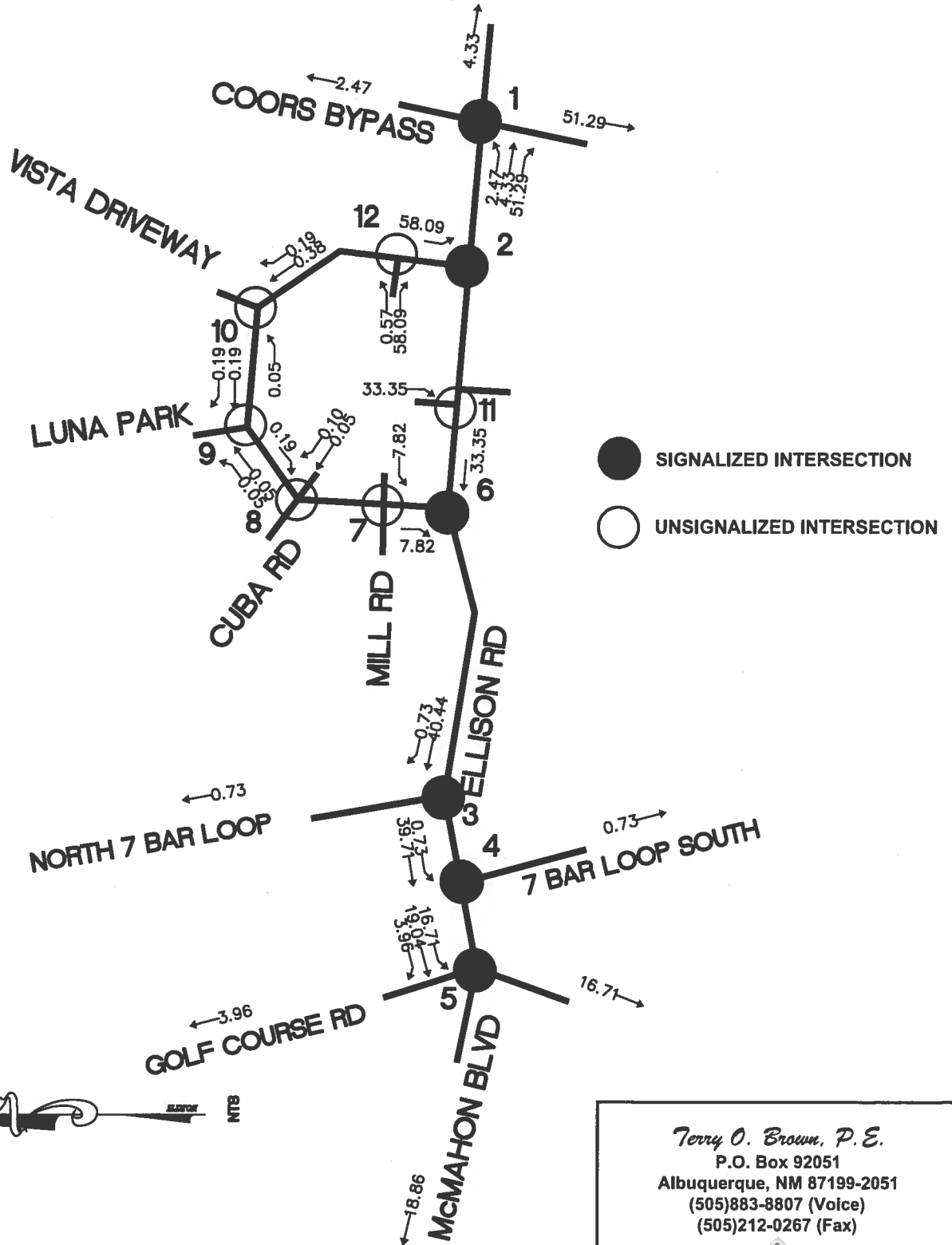
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Cibola Loop Development

(Ellison Dr / Coors Bypass)

Residential Trip Assignments (% Exiting)



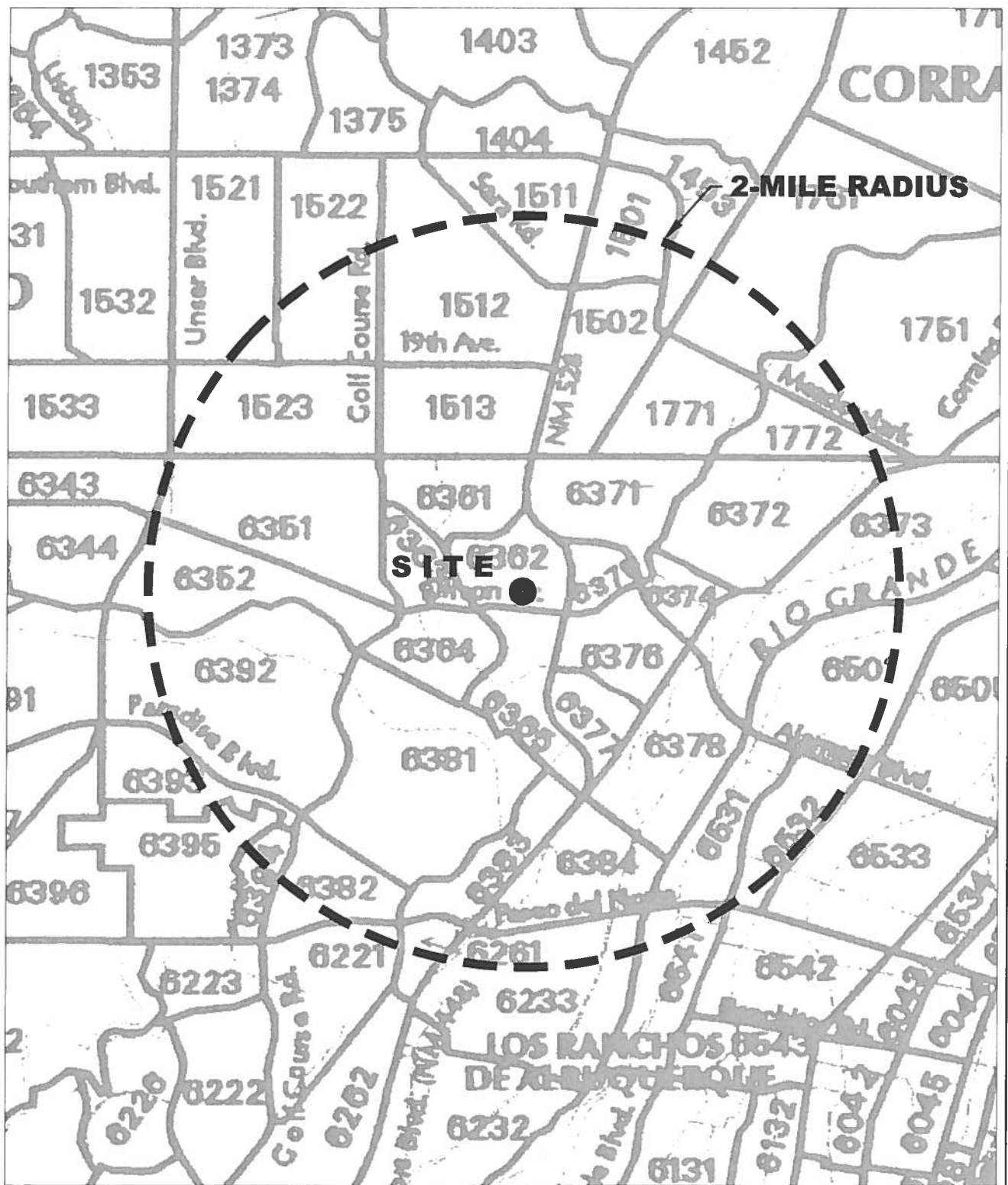
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DATA ANALYSIS SUBZONE (DASZ) MAP
Cibola Loop Development (Ellison Blvd / Coors Bypass)

Trip Distribution Table

Cibola Loop Development (Ellison Dr / Coors Bypass)

Data Analysis: Subzone Population Data for determination of Local Trip Distribution for Proposed **Retail Commercial Trips**

2004 and 2030 Data Taken from Mid-Region Council of Governments' 2030 Socioeconomic

2030 Socioeconomic Forecasts by Data Analysis Subzones for the Mid-Region of New Mexico

DASZ #	% Sub Area in Study	2004		2030 Population	Interpolated Population for the Year 2012	Population In Study	Percent Population	(7N)			(CN)			(EE)		
		2004 Population	2030					% Utilizing	% Population Utilizing	Population	% Utilizing	% Population Utilizing	Population	% Utilizing	% Population Utilizing	Population
Boundary Specified on DASZ Map																
1453	25%	2253	2821	2428	607	607	1.91%	0%	0.00%	0	100%	1.91%	607	0%	0.00%	0
1501	45%	173	447	257	116	116	0.37%	0%	0.00%	0	100%	0.37%	116	0%	0.00%	0
1502	100%	0	448	138	138	138	0.44%	0%	0.00%	0	100%	0.44%	138	0%	0.00%	0
1511	40%	926	910	921	368	368	1.16%	0%	0.00%	0	75%	0.87%	276	0%	0.00%	0
1512	80%	2037	1969	2016	1,613	1,613	5.09%	0%	0.00%	0	50%	2.54%	807	0%	0.00%	0
1513	100%	995	985	992	992	992	3.13%	0%	0.00%	0	50%	1.56%	496	0%	0.00%	0
1521	5%	0	3465	1,066	53	53	0.17%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1522	45%	46	2384	765	344	344	1.08%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1523	90%	9	1072	336	302	302	0.95%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1751	5%	1240	1551	1,336	67	67	0.21%	0%	0.00%	0	0%	0.00%	0	100%	0.21%	67
1761	25%	1079	1107	1,088	272	272	0.86%	0%	0.00%	0	0%	0.00%	0	100%	0.86%	272
1771	100%	571	536	560	560	560	1.77%	0%	0.00%	0	0%	0.00%	0	100%	1.77%	560
1772	95%	153	211	171	162	162	0.51%	0%	0.00%	0	0%	0.00%	0	100%	0.51%	162
6221	5%	2669	2549	2,632	132	132	0.42%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6233	20%	941	972	951	190	190	0.60%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6261	55%	143	333	201	111	111	0.35%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6351	100%	2475	3009	2,639	2,639	2,639	8.32%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6352	95%	2310	2326	2,315	2,199	2,199	6.93%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6361	100%	1355	1255	1,324	1,324	1,324	4.17%	50%	2.09%	662	50%	2.09%	662	0%	0.00%	0
6362	100%	1984	3354	2,406	2,406	2,406	7.59%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6363	100%	767	760	765	765	765	2.41%	70%	1.69%	536	0%	0.00%	0	0%	0.00%	0
6364	100%	1446	1389	1,428	1,428	1,428	4.50%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6365	100%	1350	1253	1,320	1,320	1,320	4.16%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6371	100%	406	386	400	400	400	1.26%	0%	0.00%	0	0%	0.00%	0	100%	1.26%	400
6372	100%	351	6372	389	389	389	1.23%	0%	0.00%	0	0%	0.00%	0	100%	1.23%	389
6373	50%	332	347	337	169	169	0.53%	0%	0.00%	0	0%	0.00%	0	100%	0.53%	169
6374	100%	1085	1020	1,065	1,065	1,065	3.36%	0%	0.00%	0	0%	0.00%	0	100%	3.36%	1,065
6375	100%	0	0	0	0	0	0.00%	0%	0.00%	0	50%	0.00%	0	50%	0.00%	0
6376	100%	2	432	134	134	134	0.42%	0%	0.00%	0	0%	0.00%	0	50%	0.21%	67
6377	100%	0	0	0	0	0	0.00%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6378	100%	244	257	248	248	248	0.78%	0%	0.00%	0	0%	0.00%	0	75%	0.59%	186
6381	100%	5299	6017	5,520	5,520	5,520	17.40%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6382	75%	757	910	804	603	603	1.90%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6383	100%	636	647	639	639	639	2.01%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6384	100%	97	190	126	126	126	0.40%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6392	85%	3664	3717	3,680	3,128	3,128	9.86%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6393	20%	998	1394	1,120	224	224	0.71%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6394	30%	391	447	408	122	122	0.38%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6395	5%	0	0	0	0	0	0.00%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6501	55%	707	751	721	397	397	1.25%	0%	0.00%	0	0%	0.00%	0	100%	1.25%	397
6531	100%	103	96	101	101	101	0.32%	0%	0.00%	0	0%	0.00%	0	100%	0.32%	101
6532	90%	379	342	368	331	331	1.04%	0%	0.00%	0	0%	0.00%	0	100%	1.04%	331
6541	10%	134	130	133	13	13	0.04%	0%	0.00%	0	0%	0.00%	0	100%	0.04%	13
						31,717	100.00%						3,102		4,179	
						44,248							9,78%		13,18%	

Trip Distribution Table

Cibola Loop Development (Ellison Dr / Coors Bypass)

Data Analysis Subzone Population Data for determination of Local Trip Distribution for Proposed **Retail Commercial 1**

2004 and 2010 Data Taken from Mid-Region Council of Governments' 2036 Socioeconomic

2030 Socioeconomic Forecasts by Data Analysis Subzones for the Mid-Region of New Mexico

DASZ #	% Sub Area in Study	2004 Population		2030 Population	Interpolated Population for the Year 2012	Population In Study	Percent Population	(CS)			(7S)			(GS)		
		Coors Bypass South						Seven Bar Loop South			Golf Course Rd South					
		% Utilizing	% Population Utilizing					Population	% Utilizing	% Population Utilizing	Population	% Utilizing	% Population Utilizing	Population		
Boundary Specified on DASZ Map																
1453	25%	2253	2821	2,428	607	1.91%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1501	45%	173	447	257	116	0.37%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1502	100%	0	448	138	138	0.44%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1511	40%	926	910	921	368	1.16%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1512	80%	2037	1969	2,016	1,613	5.09%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1513	100%	995	985	992	992	3.13%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1521	5%	0	3465	1,066	53	0.17%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1522	45%	46	2384	765	344	1.08%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1523	90%	9	1072	336	302	0.95%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1761	25%	1079	1107	1,088	272	0.86%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1771	100%	571	536	560	560	1.77%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1772	95%	153	211	171	162	0.51%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6232	5%	2669	2549	2,632	132	0.42%	66	0.21%	66	0%	0.00%	0	0%	0.00%	0	
6233	20%	941	972	951	190	0.60%	100%	0.60%	190	0%	0.00%	0	0%	0.00%	66	
6261	55%	143	333	201	111	0.35%	100%	0.35%	111	0%	0.00%	0	0%	0.00%	0	
6351	100%	2475	3009	2,639	2,639	8.32%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6352	95%	2315	2326	2,315	2,199	6.93%	0	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6361	100%	1355	1255	1,324	1,324	4.17%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6362	100%	1984	3354	2,406	2,406	7.59%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6363	100%	767	760	765	765	2.41%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6364	100%	1446	1389	1,428	1,428	4.50%	0%	0.00%	0	100%	4.50%	1,428	0%	0.00%	0	
6365	100%	1350	1253	1,320	1,320	4.16%	100%	4.16%	1,320	0%	0.00%	0	0%	0.00%	0	
6371	100%	406	385	400	400	1.26%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6372	100%	351	475	389	389	1.23%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6373	50%	337	347	337	337	0.53%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6374	100%	1085	1020	1,065	1,065	3.36%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6375	100%	0	0	0	0	0.00%	0	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6376	100%	2	432	134	134	0.42%	50%	0.21%	67	0%	0.00%	0	0%	0.00%	0	
6377	100%	0	6377	0	0	0.00%	100%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6378	100%	244	257	248	248	0.78%	25%	0.20%	62	0%	0.00%	0	0%	0.00%	0	
6381	100%	5299	6017	5,520	5,520	17.40%	50%	8.70%	2,760	0%	0.00%	0	50%	8.70%	2,760	
6382	75%	757	910	804	603	1.90%	50%	0.95%	302	0%	0.00%	0	50%	0.95%	302	
6383	100%	636	647	639	639	2.01%	100%	2.01%	639	0%	0.00%	0	0%	0.00%	0	
6384	100%	97	190	126	126	0.40%	100%	0.40%	126	0%	0.00%	0	0%	0.00%	0	
6392	85%	3664	3717	3,680	3,128	9.86%	0%	0.00%	0	0%	0.00%	0	100%	9.86%	3,128	
6393	20%	998	1394	1,120	224	0.71%	0	0.00%	0	0%	0.00%	0	100%	0.71%	224	
6394	30%	391	447	408	122	0.38%	0	0.00%	0	0%	0.00%	0	100%	0.38%	122	
6395	5%	0	0	0	0	0.00%	0%	0.00%	0	0%	0.00%	0	100%	0.00%	0	
6501	55%	707	751	721	397	1.25%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6531	100%	103	96	101	101	0.32%	0	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6532	90%	379	342	368	331	1.04%	0	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6541	10%	134	130	133	13	0.04%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
							100.00%				5,643				1,428	6,602
							31,717				17.79%				4,501	20,81%

Trip Distribution Table **Cibola Loop Development (Ellison Dr / Coors Bypass)**

Data Analysis Subzone Population Data for determination of Local Trip Distribution for Proposed **Retail Commercial**

2004 and 2030 Data Taken from Mid-Region Council of Governments' 2030 Socioeconomic
 2030 Socioeconomic Forecasts by Data Analysis Subzones for the Mid-Region of New Mexico

DASZ #	% Sub Area In Study	2004 Population		Interpolated Population for the Year 2012	Population in Study	Percent Population	(MW)			(GN)			(CuN)		
		2030	2030 Population				% Utilizing	% Population Utilizing	Population	% Utilizing	% Population Utilizing	Population	% Utilizing	% Population Utilizing	
Boundary Specified on DASZ Map															
1453	25%	2253	2821	2,428	607	1.91%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1501	45%	173	447	257	116	0.37%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1502	100%	0	448	138	138	0.44%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1511	40%	926	910	921	368	1.16%	0%	0.00%	0	25%	0.29%	92	0%	0.00%	0
1512	80%	2037	1969	2,016	1,613	5.09%	0%	0.00%	0	50%	2.54%	807	0%	0.00%	0
1513	100%	995	985	992	992	3.13%	0%	0.00%	0	50%	1.56%	496	0%	0.00%	0
1521	5%	0	3465	1,066	53	0.17%	50%	0.08%	27	50%	0.08%	27	0%	0.00%	0
1522	45%	46	2384	765	344	1.08%	0%	0.00%	0	100%	1.08%	344	0%	0.00%	0
1523	90%	9	1072	336	302	0.95%	25%	0.24%	76	75%	0.71%	227	0%	0.00%	0
1751	5%	1240	1551	1,336	67	0.21%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1761	25%	1079	1107	1,088	272	0.86%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1771	100%	571	536	560	560	1.77%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1772	95%	153	1772	211	162	0.51%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6221	5%	2669	2549	2,632	132	0.42%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6233	20%	941	972	951	190	0.60%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6261	55%	143	333	201	111	0.35%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6351	100%	2475	3009	2,639	2,639	8.32%	50%	4.16%	1,320	50%	4.16%	1,320	0%	0.00%	0
6352	95%	2310	2326	2,315	2,199	6.93%	100%	6.93%	2,199	0	0.00%	0	0%	0.00%	0
6361	100%	1355	1255	1,324	1,324	4.17%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6362	100%	1984	3354	2,406	2,406	7.59%	0%	0.00%	0	0%	0.00%	0	40%	3.03%	962
6363	100%	767	760	765	765	2.41%	0%	0.00%	0	30%	0.72%	230	0%	0.00%	0
6364	100%	1446	1389	1,428	1,428	4.50%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6365	100%	1350	1253	1,320	1,320	4.16%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6371	100%	406	386	400	400	1.26%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6372	100%	351	475	389	389	1.23%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6373	50%	332	347	337	169	0.53%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6374	100%	1085	1020	1,065	1,065	3.36%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6375	100%	0	0	0	0	0.00%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6376	100%	2	432	134	134	0.42%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6377	100%	0	0	0	0	0.00%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6378	100%	244	257	248	248	0.78%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6381	100%	5299	6017	5,520	5,520	17.40%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6382	75%	757	910	804	603	1.90%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6383	100%	636	647	639	639	2.01%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6384	100%	97	190	126	126	0.40%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6392	85%	3664	3717	3,680	3,128	9.85%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6393	20%	998	1394	1,120	224	0.71%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6394	30%	391	447	408	122	0.38%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6395	5%	0	0	0	0	0.00%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6501	55%	707	751	721	397	1.25%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6531	100%	103	96	101	101	0.32%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6532	90%	379	342	368	331	1.04%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6541	10%	134	130	133	13	0.04%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
					31,717	100.00%	3,621			11.42%			3,541		
					44,248								962		
													3.03%		

Trip Distribution Table

Cibola Loop Development (Ellison Dr / Coors Bypass)

Data Analysis Subzone Population Data for determination of Local Trip Distribution for Proposed **Retail Commercial 1**

2004 and 2030 Data Taken from Mid-Region Council of Governments' 2030 Socioeconomic

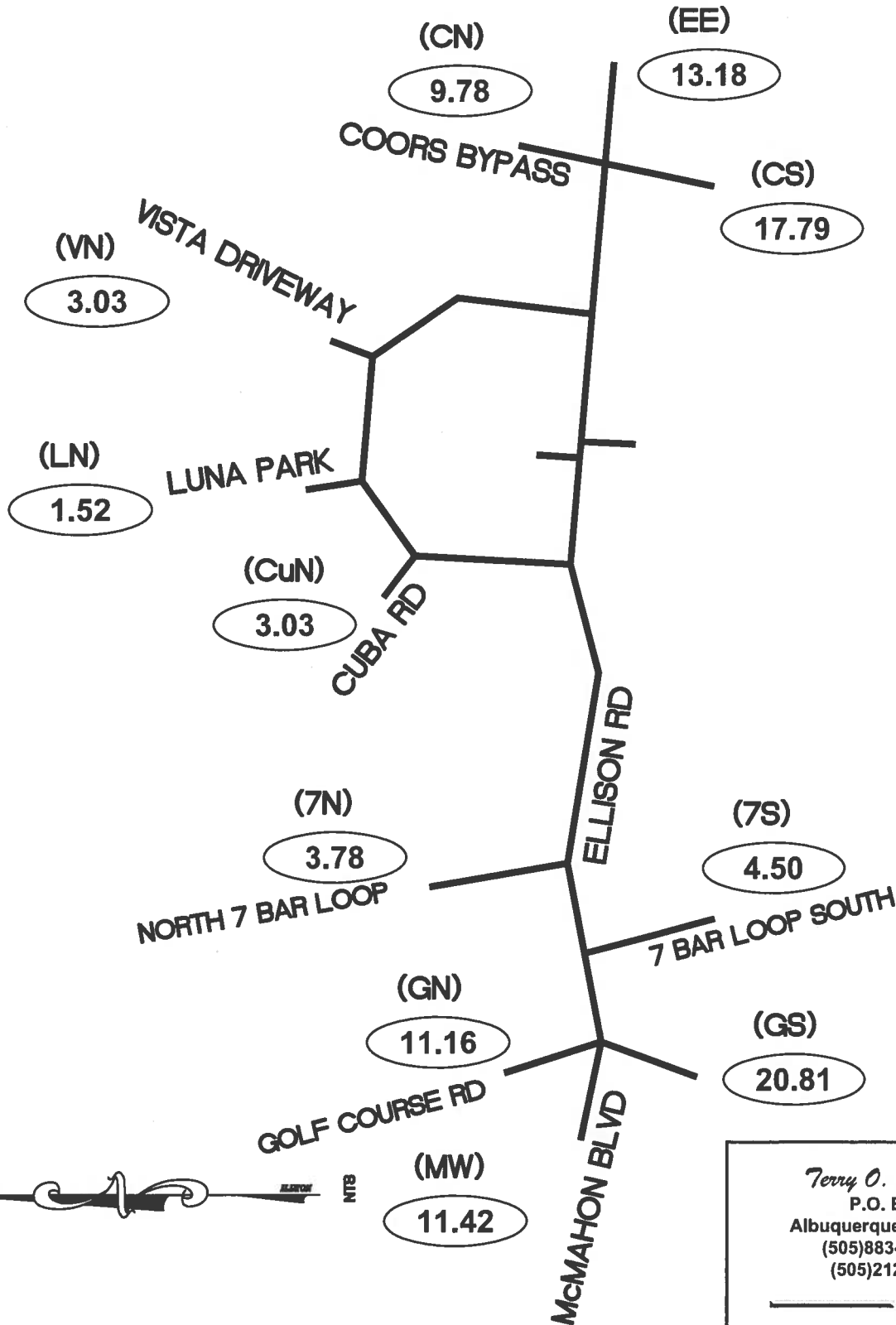
2030 Socioeconomic Forecast by Data Analysis Subzones for the Mid-Region of New Mexico

DASZ #	% Sub Area in Study	2004 Population		2030 Population	Interpolated Population for the Year 2012	Population In Study	Percent Population	(LN) Luna Park		(VN) Vista Drive North			
		2004	2030					% Utilizing	Population	% Utilizing	Population		
Boundary Specified on DASZ Map													
1453	25%	2253	2821		2,428	607							
1501	45%	173	447		257	116	1.91%	0%	0.00%	0	0%	0.00%	0
1502	100%	0	448		138	138	0.44%	0%	0.00%	0	0%	0.00%	0
1511	40%	926	910		921	368	1.16%	0%	0.00%	0	0%	0.00%	0
1512	80%	2037	1969		2,016	1,613	5.09%	0%	0.00%	0	0%	0.00%	0
1513	100%	995	985		992	992	3.13%	0%	0.00%	0	0%	0.00%	0
1521	5%	0	3465		1,066	53	0.17%	0%	0.00%	0	0%	0.00%	0
1522	45%	46	2384		765	344	1.08%	0%	0.00%	0	0%	0.00%	0
1523	90%	9	1072		336	302	0.95%	0%	0.00%	0	0%	0.00%	0
1751	5%	1240	1551		1,336	67	0.21%	0%	0.00%	0	0%	0.00%	0
1761	25%	1079	1107		1,088	272	0.86%	0%	0.00%	0	0%	0.00%	0
1771	100%	571	536		560	560	1.77%	0%	0.00%	0	0%	0.00%	0
1772	95%	153	211		171	162	0.51%	0%	0.00%	0	0%	0.00%	0
6221	5%	2669	2549		2,632	132	0.42%	0%	0.00%	0	0%	0.00%	0
6233	20%	941	972		951	190	0.60%	0%	0.00%	0	0%	0.00%	0
6261	55%	143	333		201	111	0.35%	0%	0.00%	0	0%	0.00%	0
6351	100%	2475	3009		2,639	2,639	8.32%	0%	0.00%	0	0%	0.00%	0
6352	95%	2310	2326		2,315	2,199	6.93%	0%	0.00%	0	0%	0.00%	0
6361	100%	1355	1255		1,324	1,324	4.17%	0%	0.00%	0	0%	0.00%	0
6362	100%	1984	3354		2,406	2,406	7.59%	20%	1.52%	481	40%	3.03%	962
6363	100%	767	760		765	765	2.41%	0%	0.00%	0	0%	0.00%	0
6364	100%	1446	1389		1,428	1,428	4.50%	0%	0.00%	0	0%	0.00%	0
6365	100%	1350	1253		1,320	1,320	4.16%	0%	0.00%	0	0%	0.00%	0
6371	100%	406	386		400	400	1.26%	0%	0.00%	0	0%	0.00%	0
6372	100%	351	475		389	389	1.23%	0%	0.00%	0	0%	0.00%	0
6373	50%	332	347		337	169	0.53%	0%	0.00%	0	0%	0.00%	0
6374	100%	1085	1020		1,065	1,065	3.36%	0%	0.00%	0	0%	0.00%	0
6375	100%	0	0		0	0	0.00%	0%	0.00%	0	0%	0.00%	0
6376	100%	2	432		134	134	0.42%	0%	0.00%	0	0%	0.00%	0
6377	100%	0	0		0	0	0.00%	0%	0.00%	0	0%	0.00%	0
6378	100%	244	257		248	248	0.78%	0%	0.00%	0	0%	0.00%	0
6381	100%	5299	6017		5,520	5,520	17.40%	0%	0.00%	0	0%	0.00%	0
6382	75%	757	910		804	603	1.90%	0%	0.00%	0	0%	0.00%	0
6383	100%	636	647		639	639	2.01%	0%	0.00%	0	0%	0.00%	0
6384	100%	97	190		126	126	0.40%	0%	0.00%	0	0%	0.00%	0
6392	85%	3664	3717		3,680	3,128	9.86%	0%	0.00%	0	0%	0.00%	0
6393	20%	998	1394		1,120	224	0.71%	0%	0.00%	0	0%	0.00%	0
6394	30%	391	447		408	122	0.38%	0%	0.00%	0	0%	0.00%	0
6395	5%	0	0		0	0	0.00%	0%	0.00%	0	0%	0.00%	0
6501	55%	707	751		721	397	1.25%	0%	0.00%	0	0%	0.00%	0
6531	100%	103	96		101	101	0.32%	0%	0.00%	0	0%	0.00%	0
6532	90%	379	342		368	331	1.04%	0%	0.00%	0	0%	0.00%	0
6541	10%	134	130		133	13	0.04%	0%	0.00%	0	0%	0.00%	0
					44,248	31,717	100.00%			481			962
										1.52%			3.03%

Cibola Loop Development

(Ellison Dr / Coors Bypass)

Commercial Trip Distribution Map (%)

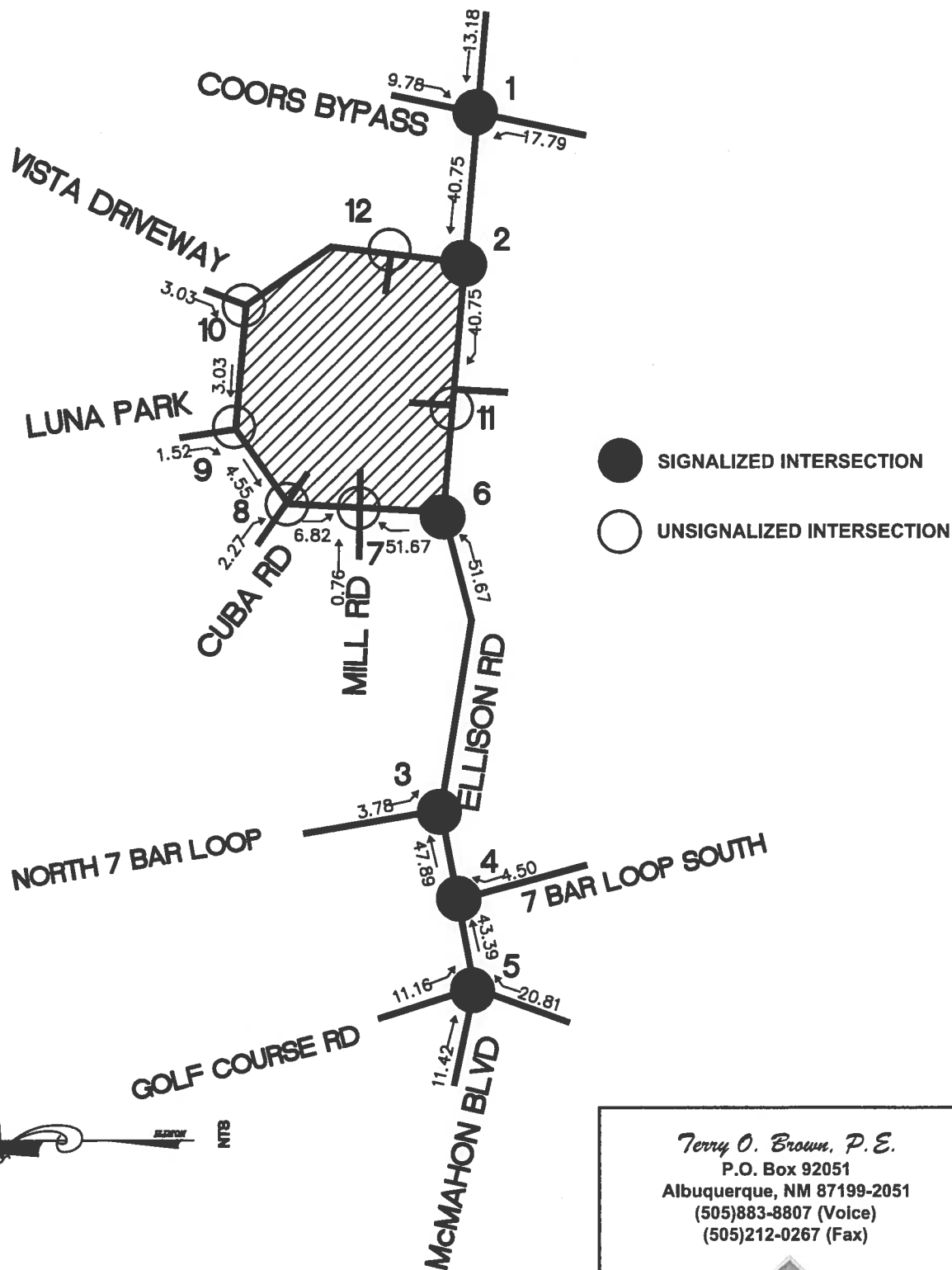


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(505)212-0267 (Fax)

Cibola Loop Development

(Ellison Dr / Coors Bypass)

Commercial Trip Assignments (% Entering)

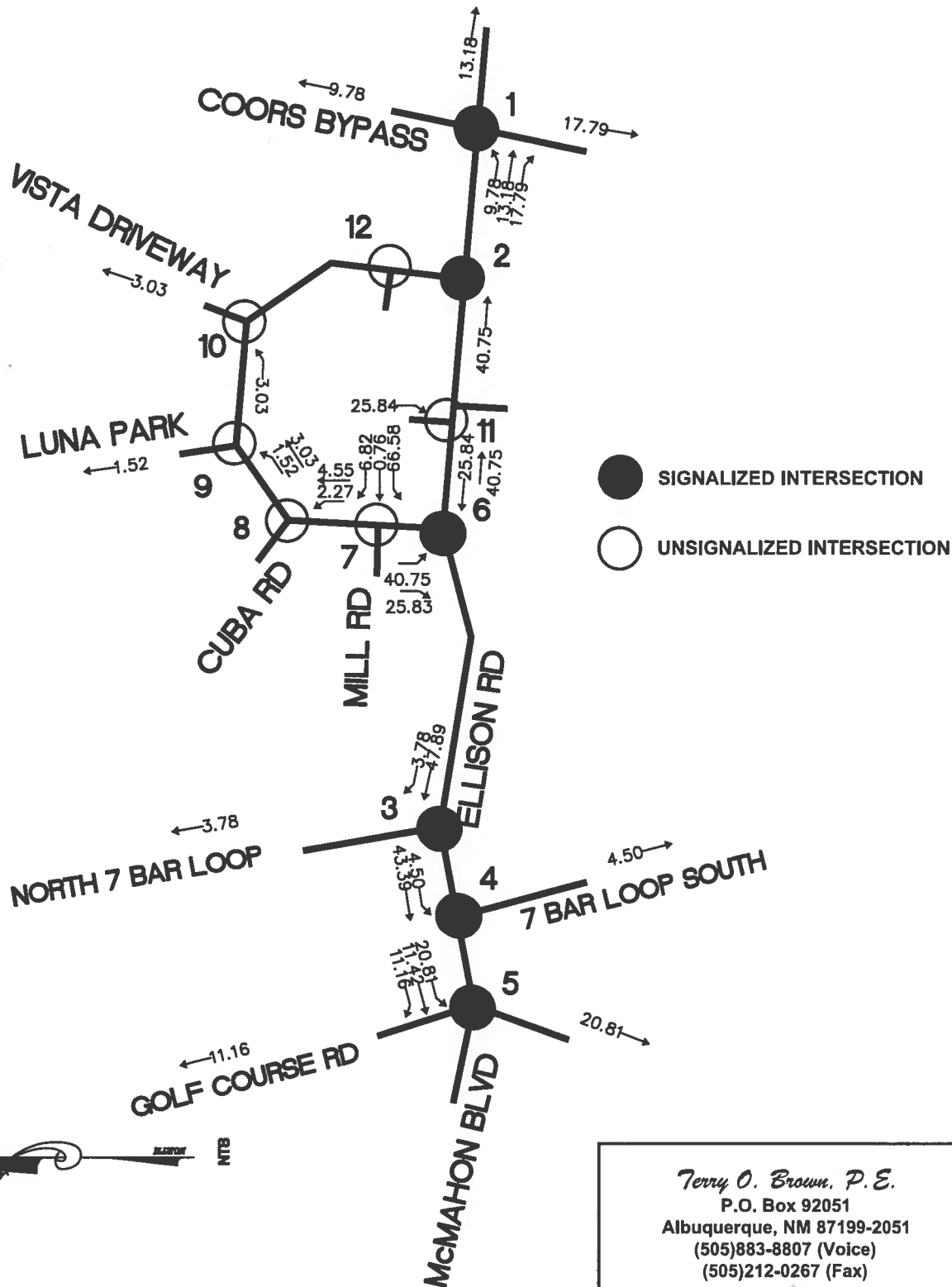


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Cibola Loop Development

(Ellison Dr / Coors Bypass)

Commercial Trip Assignments (% Exiting)



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Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Ellison Dr / Coors Bypass

INTERSECTION: Ellison Dr

(1)

E-W Street:

N-S Street:

Coors Bypass

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (Coors Bypass)			Southbound (Coors Bypass)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.00%	0.00%	0.00%	4.33%	0.00%	51.29%	0.00%	0.00%	0.00%	0.00%	2.47%
2.47%	4.33%	51.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	13.18%	0.00%	17.79%	0.00%	0.00%	0.00%	0.00%	9.78%
9.77%	13.30%	17.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22	30	56	0	32	0	56	0	0	0	0	24

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (Coors Bypass)			Southbound (Coors Bypass)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.00%	0.00%	0.00%	4.33%	0.00%	51.29%	0.00%	0.00%	0.00%	0.00%	2.47%
2.47%	4.33%	51.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	13.18%	0.00%	17.79%	0.00%	0.00%	0.00%	0.00%	9.78%
9.77%	13.30%	17.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19	26	53	0	27	0	63	0	0	0	0	20

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

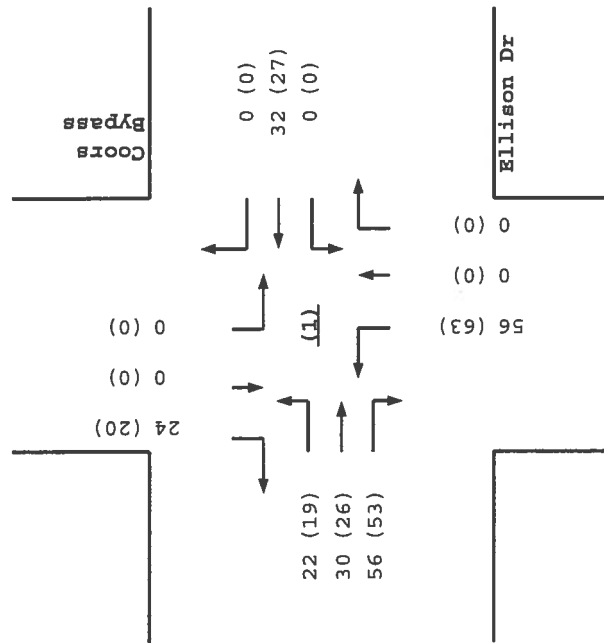
Total Trips Generated

Entering	Exiting	
28	33	A.M.
57	39	P.M.
235	219	A.M.
191	184	P.M.
		100% Residential Development
		100% Commercial Development

Number of Residential Trips Generated

Number of Commercial Trips Generated

Trips



Ellison Dr / Coors Bypass

Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Ellison Dr / Cibola Loop E.

INTERSECTION: Ellison Dr
E-W Street:
N-S Street:

(2)

Cibola Loop E.

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (Cibola Loop E.)			Southbound (Cibola Loop E.)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
33.35%	0.00%	0.00%	0.00%	11.04%	47.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	58.09%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	40.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	40.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
9	89	0	0	99	13	0	0	0	19	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (Cibola Loop E.)			Southbound (Cibola Loop E.)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
33.35%	0.00%	0.00%	0.00%	11.04%	47.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	58.09%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	40.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	40.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19	75	0	0	84	27	0	0	0	23	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

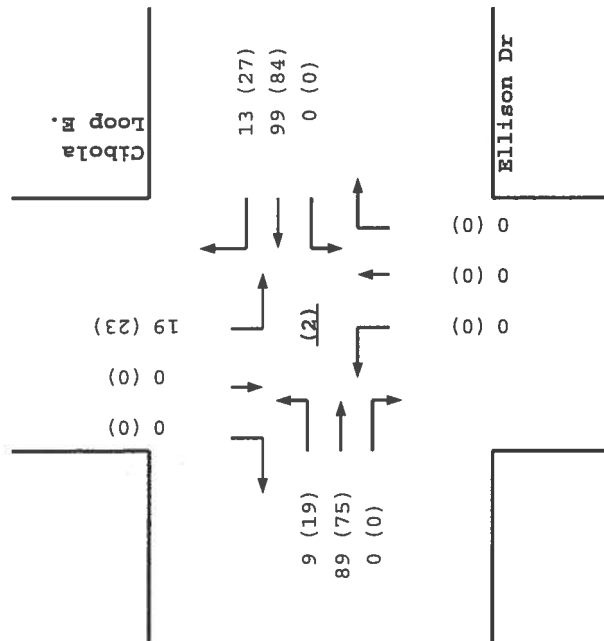
Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Entering	Exiting	
28	33	A.M.
57	39	P.M.
235	219	A.M.
191	184	P.M.
Number of Residential Trips Generated		100% Residential Development
Number of Commercial Trips Generated		100% Commercial Development

Trips



Ellison Dr / Cibola Loop E.

Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Ellison Dr / North 7 Bar Dr

INTERSECTION:

E-W Street:

N-S Street:

(3)

**Ellison Dr
North 7 Bar Dr**

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (North 7 Bar Dr)			Southbound (North 7 Bar Dr)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	40.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.73%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	40.44%	0.73%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	47.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.78%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	47.89%	3.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	124	0	0	118	8	0	0	0	9	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (North 7 Bar Dr)			Southbound (North 7 Bar Dr)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	40.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.73%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	40.44%	0.73%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	47.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.78%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	47.89%	3.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	114	0	0	104	7	0	0	0	7	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

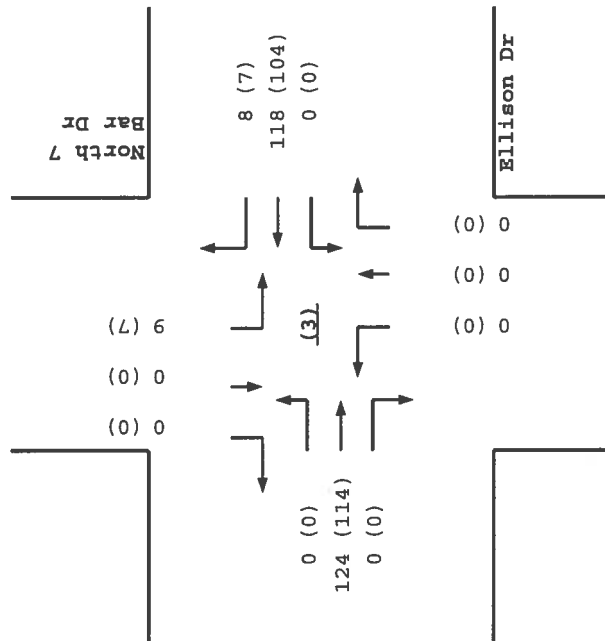
Total Trips Generated

Entering		Exiting			
28	33	33	A.M.	100% Residential Development	
57	39	39	P.M.		
235	219	219	A.M.	100% Commercial Development	
191	184	184	P.M.		

Number of Residential Trips Generated

Number of Commercial Trips Generated

Trips



Ellison Dr / North 7 Bar Dr

Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Ellison Dr / 7 Bar Loop Rd S.

INTERSECTION:

Ellison Dr

E-W Street:

(4)

N-S Street:

7 Bar Loop Rd S.

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (7 Bar Loop Rd S.)			Southbound (7 Bar Loop Rd S.)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	39.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.73%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.73%	39.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	43.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.50%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	4.50%	43.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	113	0	10	108	0	0	0	11	0	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (7 Bar Loop Rd S.)			Southbound (7 Bar Loop Rd S.)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	39.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.73%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.73%	39.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	43.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.50%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	4.50%	43.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	106	0	8	95	0	0	0	9	0	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

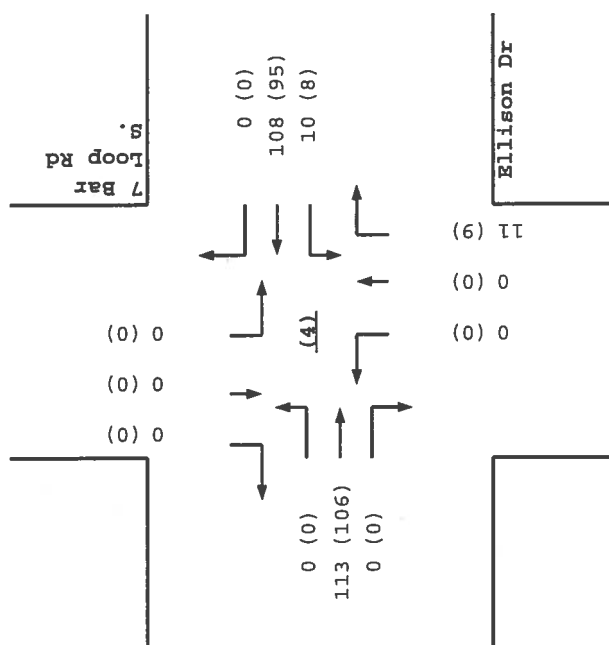
Total Trips Generated

Entering		Exiting			
28	33	33	A.M.	100% Residential Development	
57	39	39	P.M.		
235	219	219	A.M.	100% Commercial Development	
191	184	184	P.M.		

Number of Residential Trips Generated

Number of Commercial Trips Generated

Trips



Ellison Dr / 7 Bar Loop Rd S.

Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

McMahon Blvd / Golf Course Rd

INTERSECTION:

E-W Street:
N-S Street:

McMahon Blvd
Golf Course Rd

(5)

Eastbound (McMahon Blvd)			Westbound (McMahon Blvd)			Northbound (Golf Course Rd)			Southbound (Golf Course Rd)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	19.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.71%	3.96%	0.00%	0.00%
0.00%	0.00%	0.00%	16.71%	19.04%	3.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	11.42%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.81%	11.16%	0.00%	0.00%
0.00%	0.00%	0.00%	20.81%	11.42%	11.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	32	0	52	31	25	0	0	54	27	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (McMahon Blvd)			Westbound (McMahon Blvd)			Northbound (Golf Course Rd)			Southbound (Golf Course Rd)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	19.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.71%	3.96%	0.00%	0.00%
0.00%	0.00%	0.00%	16.71%	19.04%	3.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	11.42%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.81%	11.16%	0.00%	0.00%
0.00%	0.00%	0.00%	20.81%	11.42%	11.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	33	0	45	28	23	0	0	50	23	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

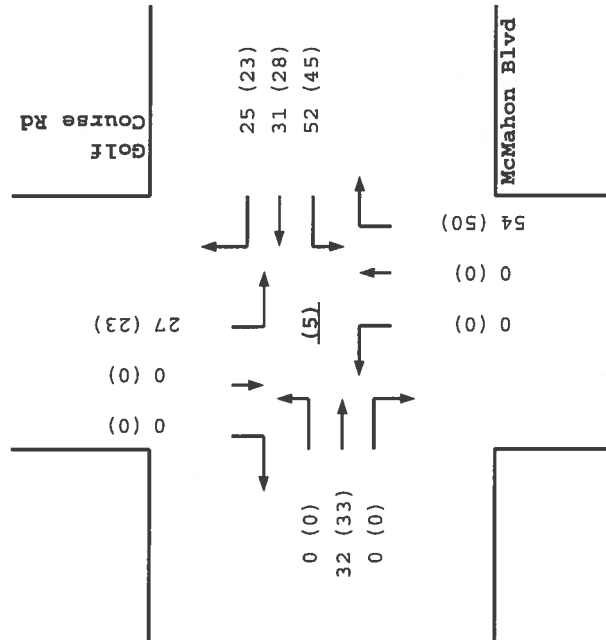
Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Entering		Exiting			
28	33	33	A.M.	100% Residential Development	
57	39	39	P.M.		
235	219	219	A.M.	100% Commercial Development	
191	184	184	P.M.		

Trips



McMahon Blvd / Golf Course Rd

Cibola Loop Development (Ellison Dr / Coors Bypass)
 Projected Turning Movements Worksheet
Ellison Dr / Cibola Loop W.

INTERSECTION: Ellison Dr
 E-W Street: Cibola Loop W.
 N-S Street: (6)

		Eastbound (Ellison Dr)		Westbound (Ellison Dr)		Northbound (Cibola Loop W.)		Southbound (Cibola Loop W.)	
		Thru	Right	Left	Thru	Left	Thru	Left	Right
Percent Residential Trips Generated(Entering)	7.82%	33.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Percent Residential Trips Generated(Exiting)	0.00%	0.00%	0.00%	0.00%	33.35%	0.00%	0.00%	0.00%	7.82%
Percent Commercial Trips Generated(Entering)	51.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Percent Commercial Trips Generated(Exiting)	0.00%	0.00%	0.00%	0.00%	25.85%	0.00%	0.00%	40.75%	25.83%
Total Trips Generated	123	9	0	0	68	0	0	89	60

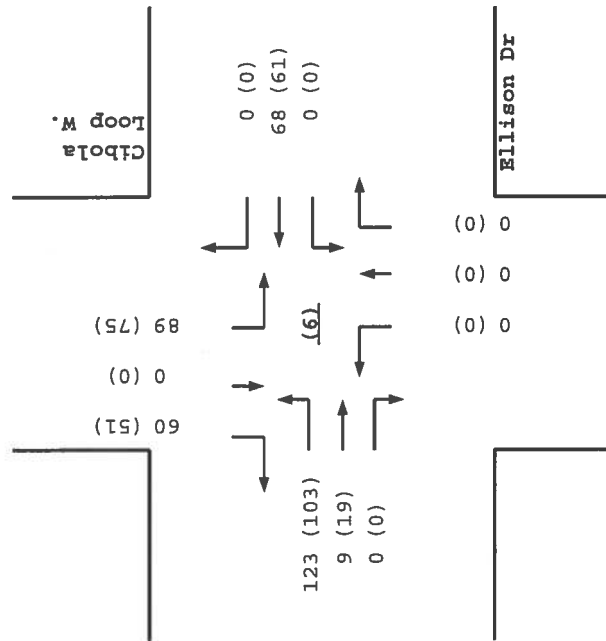
Percent Residential Trips Generated(Entering)
 Percent Residential Trips Generated(Exiting)
 Percent Commercial Trips Generated(Entering)
 Percent Commercial Trips Generated(Exiting)
 Total Trips Generated

		Eastbound (Ellison Dr)		Westbound (Ellison Dr)		Northbound (Cibola Loop W.)		Southbound (Cibola Loop W.)	
		Thru	Right	Left	Thru	Left	Thru	Left	Right
Percent Residential Trips Generated(Entering)	7.82%	33.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Percent Residential Trips Generated(Exiting)	0.00%	0.00%	0.00%	0.00%	33.35%	0.00%	0.00%	0.00%	7.82%
Percent Commercial Trips Generated(Entering)	51.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Percent Commercial Trips Generated(Exiting)	0.00%	0.00%	0.00%	0.00%	25.85%	0.00%	0.00%	40.75%	25.83%
Total Trips Generated	103	19	0	0	61	0	0	75	51

Percent Residential Trips Generated(Entering)
 Percent Residential Trips Generated(Exiting)
 Percent Commercial Trips Generated(Entering)
 Percent Commercial Trips Generated(Exiting)
 Total Trips Generated

Entering	28	33	A.M.	100% Residential Development
Exiting	57	39	P.M.	
Number of Residential Trips Generated	235	219	A.M.	100% Commercial Development
Number of Commercial Trips Generated	191	184	P.M.	

Trips



Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Mill Rd / Cibola Loop

INTERSECTION: E-W Street:
N-S Street:

Mill Rd (7)

Cibola Loop

Eastbound (Mill Rd)			Westbound (Mill Rd)			Northbound (Cibola Loop)			Southbound (Cibola Loop)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.82%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	7.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	51.67%	6.82%	0.00%	0.00%
0.00%	0.00%	0.00%	66.58%	0.76%	6.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	2	0	149	2	15	0	0	123	16	0	0

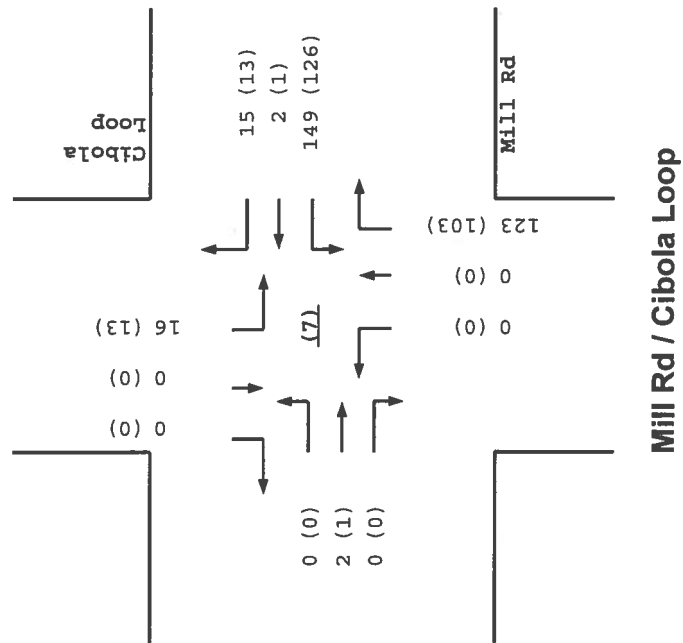
Percent Residential Trips Generated(Entering)
Percent Residential Trips Generated(Exiting)
Percent Commercial Trips Generated(Entering)
Percent Commercial Trips Generated(Exiting)
Total Trips Generated

Eastbound (Mill Rd)			Westbound (Mill Rd)			Northbound (Cibola Loop)			Southbound (Cibola Loop)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.82%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	7.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	51.67%	6.82%	0.00%	0.00%
0.00%	0.00%	0.00%	66.58%	0.76%	6.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	1	0	126	1	13	0	0	103	13	0	0

Percent Residential Trips Generated(Entering)
Percent Residential Trips Generated(Exiting)
Percent Commercial Trips Generated(Entering)
Percent Commercial Trips Generated(Exiting)
Total Trips Generated

Entering	Exiting	
28	33	A.M.
57	39	P.M.
235	219	A.M.
191	184	P.M.
Number of Residential Trips Generated		100% Residential Development
Number of Commercial Trips Generated		100% Commercial Development

Trips



Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Cuba Rd / Cibola Loop

INTERSECTION: E-W Street:
N-S Street:

Cuba Rd (8)
Cibola Loop

		Eastbound (Cuba Rd)			Westbound (Cuba Rd)			Northbound (Cibola Loop)			Southbound (Cibola Loop)		
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Percent Residential Trips Generated(Entering)		0.19%	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.10%	0.00%	0.00%
Percent Residential Trips Generated(Exiting)		0.00%	0.00%	0.00%	0.00%	0.05%	0.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.19%
Percent Commercial Trips Generated(Entering)		0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%
Percent Commercial Trips Generated(Exiting)		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.27%	4.55%	0.00%	0.00%	0.00%	0.00%
Total Trips Generated		0	0	0	0	0	0	0	0	0	0	0	0

Percent Residential Trips Generated(Entering)
Percent Residential Trips Generated(Exiting)
Percent Commercial Trips Generated(Entering)
Percent Commercial Trips Generated(Exiting)
Total Trips Generated

		Eastbound (Cuba Rd)			Westbound (Cuba Rd)			Northbound (Cibola Loop)			Southbound (Cibola Loop)		
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Percent Residential Trips Generated(Entering)		0.19%	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.10%	0.00%	0.00%
Percent Residential Trips Generated(Exiting)		0.00%	0.00%	0.00%	0.00%	0.05%	0.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.19%
Percent Commercial Trips Generated(Entering)		0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%
Percent Commercial Trips Generated(Exiting)		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.27%	4.55%	0.00%	0.00%	0.00%	0.00%
Total Trips Generated		0	0	4	0	0	0	4	8	0	0	9	0

Percent Residential Trips Generated(Entering)
Percent Residential Trips Generated(Exiting)
Percent Commercial Trips Generated(Entering)
Percent Commercial Trips Generated(Exiting)
Total Trips Generated

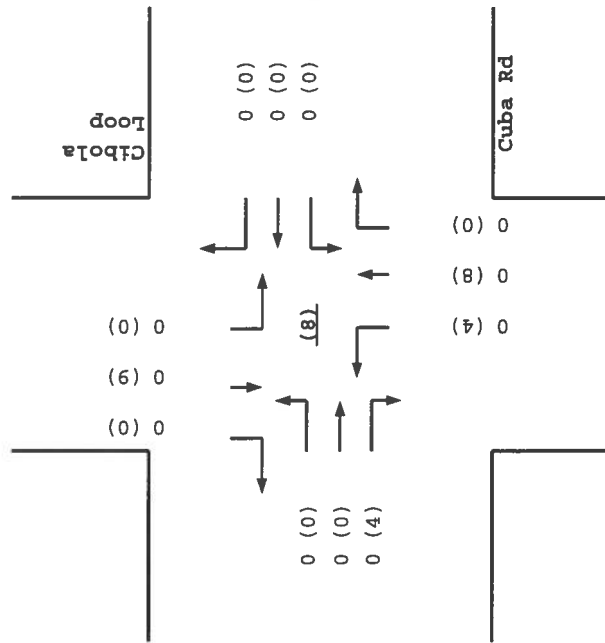
Number of Residential Trips Generated

28 33 A.M. 100% Residential Development

Number of Commercial Trips Generated

57 39 P.M.
235 219 A.M. 100% Commercial Development
191 184 P.M.

Trips



Cuba Rd / Cibola Loop

Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Cibola Loop / Luna Park

INTERSECTION :

E-W Street:
N-S Street:

Cibola Loop
Luna Park

(9)

Eastbound (Cibola Loop)			Westbound (Cibola Loop)			Northbound (Luna Park)			Southbound (Luna Park)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.19%	0.00%	0.00%	0.05%	0.00%	0.00%	0.00%	0.00%	0.19%	0.00%	0.05%
0.05%	0.05%	0.00%	0.00%	0.19%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	3.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.52%
1.52%	3.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3	7	0	0	7	0	0	0	0	0	0	4

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (Cibola Loop)			Westbound (Cibola Loop)			Northbound (Luna Park)			Southbound (Luna Park)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.19%	0.00%	0.00%	0.05%	0.00%	0.00%	0.00%	0.00%	0.19%	0.00%	0.05%
0.05%	0.05%	0.00%	0.00%	0.19%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	3.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.52%
1.52%	3.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3	6	0	0	6	0	0	0	0	0	0	3

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Number of Residential Trips Generated

100% Residential Development

Number of Commercial Trips Generated

100% Commercial Development

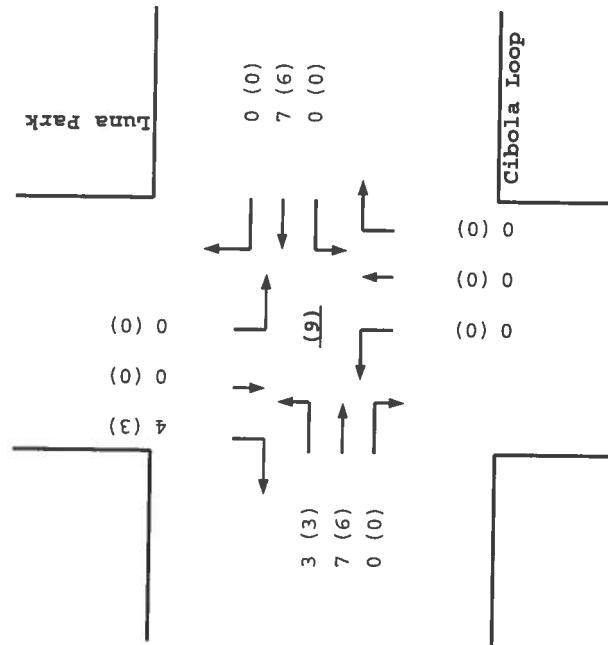
28 33 A.M.

57 39 P.M.

235 219 A.M.

191 184 P.M.

Trips



Cibola Loop / Luna Park

Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Cibola Loop / Vista Driveway

INTERSECTION:

E-W Street:

Cibola Loop

(10)

N-S Street:

Vista Driveway

Growth Rates

6.90%

6.90%

6.90%

6.90%

Eastbound (Cibola Loop)			Westbound (Cibola Loop)			Northbound (Vista Driveway)			Southbound (Vista Driveway)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.19%	0.00%	0.05%
0.05%	0.00%	0.00%	0.00%	0.38%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.03%
3.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
7	0	0	0	0	0	0	0	0	0	0	7

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (Cibola Loop)			Westbound (Cibola Loop)			Northbound (Vista Driveway)			Southbound (Vista Driveway)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.19%	0.00%	0.05%
0.05%	0.00%	0.00%	0.00%	0.38%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.03%
3.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
6	0	0	0	0	0	0	0	0	0	0	6

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Number of Residential Trips Generated

28 33 A.M.

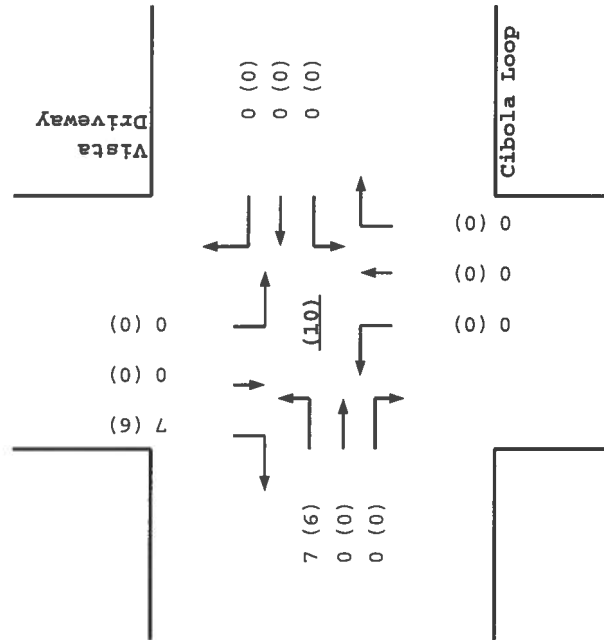
100% Residential Development

Number of Commercial Trips Generated

57 39 P.M.

100% Commercial Development

Trips



Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Ellison Dr / Driveway 'A'

INTERSECTION:

E-W Street:
N-S Street:

(11)

**Ellison Dr
Driveway 'A'**

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (Driveway 'A')			Southbound (Driveway 'A')		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	33.35%	0.00%	0.00%	0.00%	11.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.35%
0.00%	0.00%	0.00%	0.00%	0.00%	40.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	40.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.84%
0	98	0	0	0	99	0	0	0	0	0	68

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (Driveway 'A')			Southbound (Driveway 'A')		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	33.35%	0.00%	0.00%	0.00%	11.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.35%
0.00%	0.00%	0.00%	0.00%	0.00%	40.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	40.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.84%
0	94	0	0	0	84	0	0	0	0	0	61

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Number of Residential Trips Generated

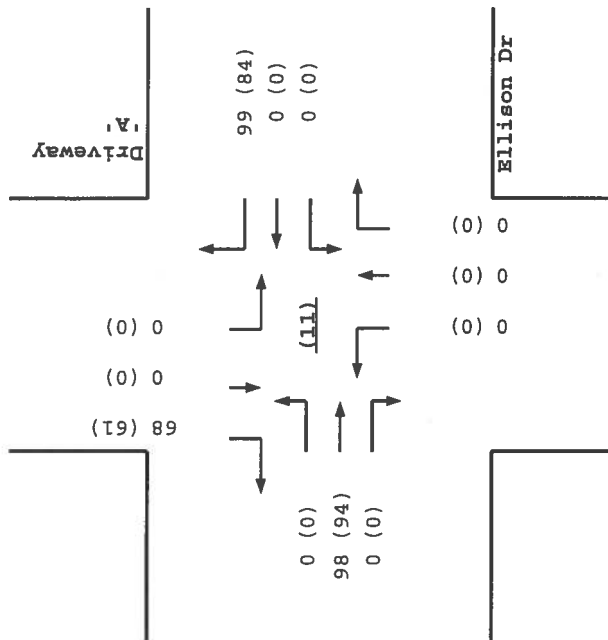
100% Residential Development

Number of Commercial Trips Generated

100% Commercial Development

28 33 A.M.
57 39 P.M.
235 219 A.M.
191 184 P.M.

Trips



Ellison Dr / Driveway 'A'

Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Driveway 'B' / Cibola Loop

INTERSECTION :

E-W Street:
N-S Street:

Driveway 'B'
Cibola Loop

(12)

Eastbound (Driveway 'B')			Westbound (Driveway 'B')			Northbound (Cibola Loop)			Southbound (Cibola Loop)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.78%	0.00%	0.00%	0.00%	0.00%	0.57%
0.57%	0.00%	58.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	19	0	0	0	23	0	0	0	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (Driveway 'B')			Westbound (Driveway 'B')			Northbound (Cibola Loop)			Southbound (Cibola Loop)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.78%	0.00%	0.00%	0.00%	0.00%	0.57%
0.57%	0.00%	58.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	23	0	0	0	46	0	0	0	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Number of Residential Trips Generated

Number of Commercial Trips Generated

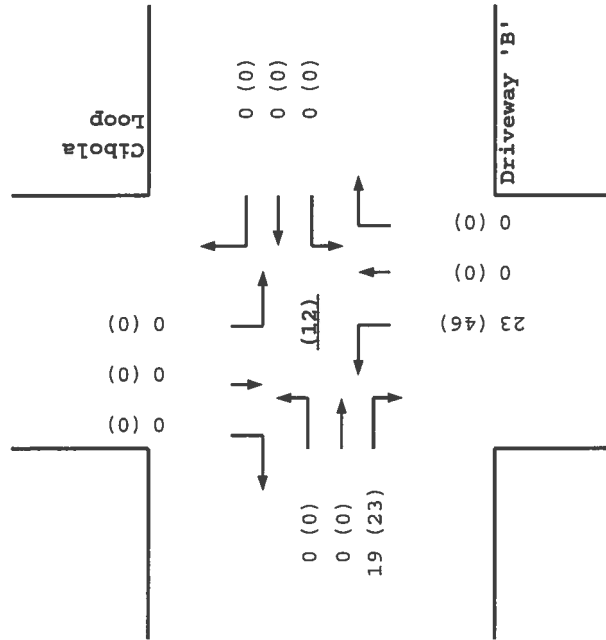
28 33 A.M. 100% Residential Development

57 39 P.M.

235 219 A.M. 100% Commercial Development

191 184 P.M.

Trips



Driveway 'B' / Cibola Loop

Wednesday, May 6, 2008

Tony J. Loyd, Traffic Engineer
City of Albuquerque Transportation Development Section
600 2nd St. NW
Albuquerque, NM 87102

Re: Cibola Loop Traffic Analysis

Dear Tony:

Attached to this letter is the additional analysis that you require for the Cibola Loop Development located along the north side of Ellison Rd. encompassed within the Cibola Loop roadway. The development of this land was proposed a few years ago, but was a significantly higher trip generator than what is currently being proposed. A trip generation rate comparison table is on Page A-4 in the Appendix of this letter of analysis.

As you requested, attached are the following items for your review:

Page A-1:	Vicinity Map
Page A-2:	Cibola Loop Site Plan for Subdivision
Page A-3:	Aerial Photo of Adjacent Transportation System
Page A-4:	Trip Generation Comparison Table
Page A-5 thru A-7:	Trip Generation Worksheets (Residential land uses)
Page A-8:	Trip Distribution Subarea Map (Residential Trips)
Page A-9 thru A-12:	Trip Distribution Worksheets for Residential Trips
Page A-13:	Trip Distribution Map (Residential Trips)
Page A-14 thru A-15:	Trip Assignments Maps (Residential Trips)
Page A-16:	Trip Distribution Data Analysis Subzone Map (Commercial Trips)
Page A-17 thru A-20:	Trip Distribution Worksheets (Commercial land uses)
Page A-21:	Trip Distribution Map (Commercial Trips)
Page A-22 thru A-23:	Trip Assignments Maps (Commercial Trips)
Page A-24 thru A-47:	Trip Assignments Volumes Worksheets and Intersection Diagrams

Please call me if you have questions or if you need additional information.

Sincerely,


Terry O. Brown, P.E.

cc: John MacKenzie, Mark Goodwin & Associates

attachments as noted



Cibola Loop

Trip Generation Data

USE (ITE CODE)	DESCRIPTION	24 HR VOL		A. M. PEAK HR.		P. M. PEAK HR.	
		GROSS		ENTER	EXIT	ENTER	EXIT
Summary Sheet		Units					
	Shopping Center (820)	14.00	1,892	29	19	82	89
	Senior Adult Housing - Attached (252)	674.00	2,346	24	30	45	29
	Congregate Care Facility (253)	126.00	255	4	3	12	10
	Subtotal		4,493	57	52	139	128
Trip Generation Rates Utilized in TIS (10/07/2006)			17,484	381	175	749	929
Increase (+) or Reduction (-) in Trips Generated by New Plan			-74%	-85%	-70%	-81%	-86%

Cibola Loop

Trip Generation Data

USE (ITE CODE)	24 HOUR TWO-WAY VOLUME		A.M. PEAK HOUR		P.M. PEAK HOUR	
	GROSS	ENTER	EXIT	ENTER	EXIT	EXIT
Shopping Center (820)	1,892	29	19	82	89	
Units						
14.00						
1,000 S.F.						

ITE Trip Generation Equations:

Average Vehicle Trip Ends on a Weekday (24 HOUR TWO-WAY VOLUME)

$$\ln(T) = 0.65 \ln(X) + 5.83$$

50% Enter, 50% Exit

Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7am and 9am (A.M. PEAK HOUR)

$$\ln(T) = 0.6 \ln(X) + 2.29$$

61% Enter, 39% Exit

Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4pm and 6pm (P.M. PEAK HOUR)

$$\ln(T) = 0.66 \ln(X) + 3.403$$

48% Enter, 52% Exit

Comments:

Tract No.

Based on ITE Trip Generation Manual - 7th Edition

Cibola Loop
Trip Generation Data

USE (ITE CODE)	24 HOUR TWO-WAY VOLUME		A.M. PEAK HOUR		P.M. PEAK HOUR	
	GROSS	ENTER	EXIT	ENTER	EXIT	ENTER
Senior Adult Housing - Attached (252)	2,346	24	30	45	29	
Units						
674.00						
Occupied Dwelling Units						

ITE Trip Generation Equations:

Average Vehicle Trip Ends on a Weekday (24 HOUR TWO-WAY VOLUME)

$$T = \frac{3.48 (X) + 0}{50\% \text{ Enter, } 50\% \text{ Exit}}$$

Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7am and 9am (A.M. PEAK HOUR)

$$T = \frac{0.08 (X) + 0}{45\% \text{ Enter, } 55\% \text{ Exit}}$$

Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4pm and 6pm (P.M. PEAK HOUR)

$$T = \frac{0.11 (X) + 0}{61\% \text{ Enter, } 39\% \text{ Exit}}$$

Comments:

Tract No.

Based on ITE Trip Generation Manual - 7th Edition

Cibola Loop

Trip Generation Data

USE (ITE CODE)	24 HOUR TWO-WAY VOLUME		A.M. PEAK HOUR		P.M. PEAK HOUR	
	GROSS	ENTER	EXIT	ENTER	EXIT	ENTER
Congregate Care Facility (253)	255	4	3	12	10	

Units
126.00

Dwelling Units

ITE Trip Generation Equations:

Average Vehicle Trip Ends on a Weekday (24 HOUR TWO-WAY VOLUME)

$$T = 50\% \text{ Enter, } 2.02 (X) + 0 \text{ 50\% Exit}$$

Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7am and 9am (A.M. PEAK HOUR)

$$T = 59\% \text{ Enter, } 0.06 (X) + 0 \text{ 41\% Exit}$$

Average Vehicle Trip Ends on a Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4pm and 6pm (P.M. PEAK HOUR)

$$T = 55\% \text{ Enter, } 0.17 (X) + 0 \text{ 45\% Exit}$$

Comments:

Tract No.

Based on ITE Trip Generation Manual - 7th Edition

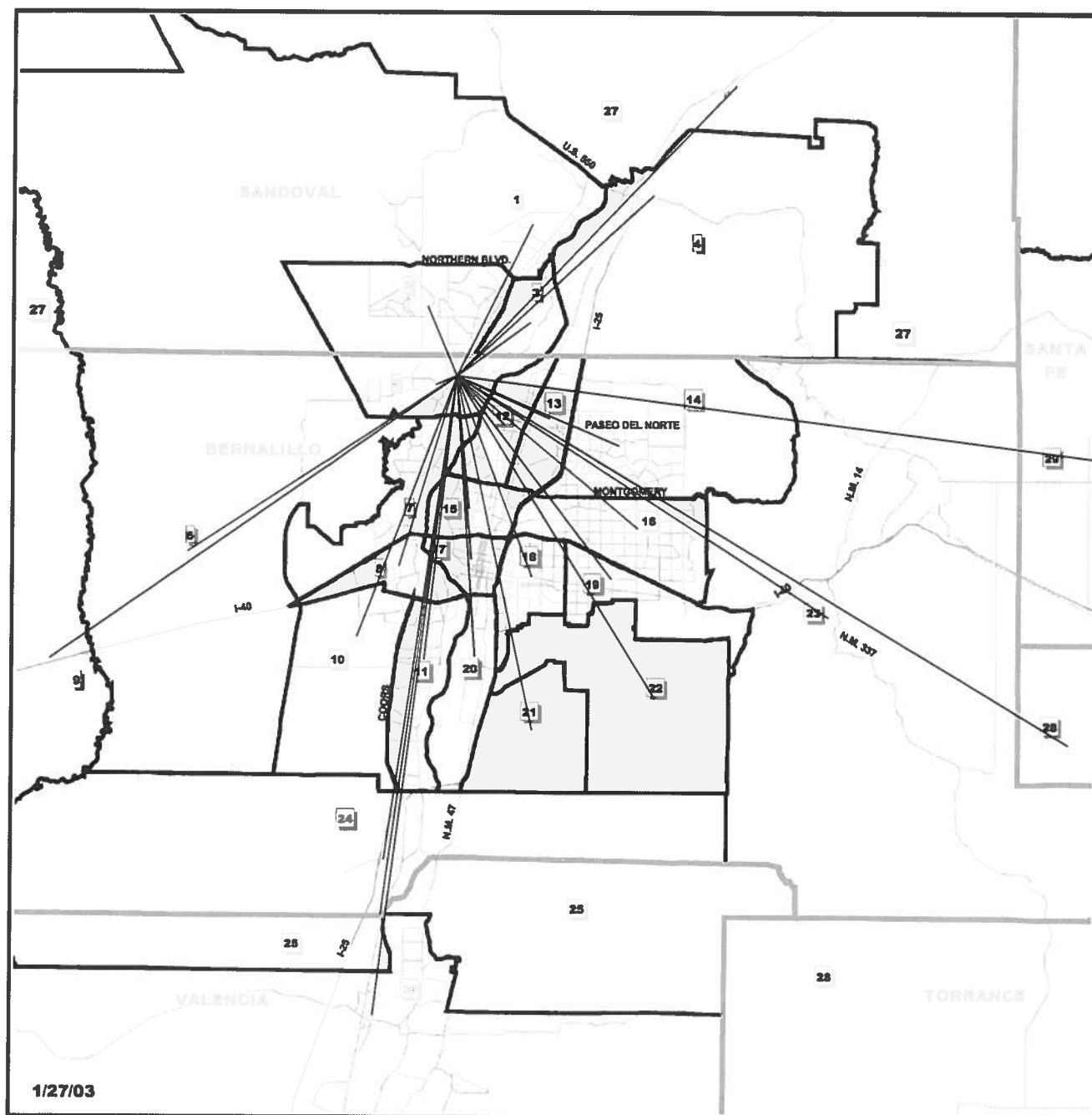


Figure 6

22 Subarea Identification Number

Subareas of the MRCOG Region

**Mid-Region
Council of Governments**
317 Commercial NE, Suite 04
Albuquerque, NM 87102
505-247-1750

Subarea boundaries extend to county boundary
where full extent of subarea not shown except for Subarea 28
which only includes southern Santa Fe County.

**Cibola Loop Development
(Ellison Blvd / Coors Bypass)
Trip Distribution Subarea Map**

Trip Distribution Table

Cibola Loop Development (Elison Dr / Coors Bypass)

Sub Area Employment Data:

For Determination of Trip Distribution for Proposed **Residential Development Trips**

2004 and 2030 Data Taken from Mid-Region Council of Governments 2030 Socioeconomic

Forecasts by Data Analysis Subzones for the Mid-Region of New Mexico

Sub Area I.D.#	% Sub Area in Study	2004 Employment		2030 Employment	Interpolated Employment for the Year 2012	Employment in Study	Dist. (Mi.)	Employment / Distance	% Employment / Distance	Seven Bar Loop North (7N)			Coors Bypass North (CN)			Elison Blvd East (EE)		
		2004	2030							% Utilizing	% Employment / Dist. Utilizing	Employment	% Utilizing	% Employment / Dist. Utilizing	Employment	% Utilizing	% Employment / Dist. Utilizing	Employment
1	100%	4,903	21,902	10,133	10,133	10,133	7.2	1,407	1.89%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
2	100%	16,736	23,706	18,881	18,881	18,881	3.2	5,900	7.92%	0%	0.00%	0	25%	1.98%	1,475	0%	0.00%	0
3	100%	1,267	1,648	1,384	1,384	1,384	3.9	355	0.48%	0%	0.00%	0	0%	0.00%	0	100%	0.48%	355
4	100%	2,935	4,943	3,553	3,553	3,553	11.3	314	0.42%	0%	0.00%	0	0%	0.00%	0	100%	0.42%	314
5*	100%	13,877	28,079	18,247	18,247	18,247	1	18,247	24.49%	3%	0.73%	547	2%	0.49%	365	14%	3.43%	2,555
6	100%	712	11,759	4,111	4,111	4,111	13.7	300	0.40%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
7	100%	8,372	19,146	11,687	11,687	11,687	5.5	2,125	2.85%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
8	100%	8,058	15,002	10,195	10,195	10,195	8.4	1,214	1.63%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
9	100%	781	1,498	1,002	1,002	1,002	21	48	0.06%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
10	100%	3,342	8,902	5,053	5,053	5,053	11.8	428	0.57%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
11	100%	5,555	7,264	6,081	6,081	6,081	12.1	503	0.67%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
12	100%	6,929	7,741	7,179	7,179	7,179	2.8	2,564	3.44%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
13	100%	38,326	49,804	41,858	41,858	41,858	4.3	9,734	13.06%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
14	100%	35,837	44,920	38,632	38,632	38,632	7.5	5,151	6.91%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
15	100%	18,228	22,077	19,412	19,412	19,412	5.6	3,466	4.65%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
16	100%	60,444	63,459	61,372	61,372	61,372	10.1	6,076	8.16%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
17	100%	33,936	37,420	35,008	35,008	35,008	7.8	4,488	6.02%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
18	100%	44,661	51,256	46,691	46,691	46,691	9.1	5,131	6.89%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
19	100%	27,971	31,533	29,067	29,067	29,067	10.8	2,691	3.61%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
20	100%	7,090	11,147	8,338	8,338	8,338	11.9	701	0.94%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
21	100%	49	10,028	3,119	3,119	3,119	15.3	204	0.27%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
22	100%	29,284	30,169	29,556	29,556	29,556	16.1	1,836	2.46%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
23	100%	2,651	5,057	3,391	3,391	3,391	18.9	179	0.24%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
24	100%	1,727	2,244	1,886	1,886	1,886	20.7	91	0.12%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
25	100%	161	215	178	178	178	23	8	0.01%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
26	100%	17,290	32,326	21,916	21,916	21,916	27.3	803	1.08%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
27	100%	4,520	6,134	5,017	5,017	5,017	17.1	293	0.39%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
28	100%	4,545	6,685	5,203	5,203	5,203	30.3	172	0.23%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
29	100%	1,451	3,796	2,173	2,173	2,173	27.2	80	0.11%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
		401,639	559,860	450,322	450,322	450,322		74,510	100.00%		0.73%	547	0%	2.47%	1,840	0%	4.33%	3,224
																2.47%	4.33%	

Trip Distribution Table

Cibola Loop Development (Ellison Dr / Coors Bypass)

Sub Area Employment Data:

For determination of Trip Distribution for Proposed **Residential Development Trips**

2004 and 2030 Data Taken from Mid-Region Council of Governments' 2030 [Socioeconomic](#)

[Forecasts by Data Analysis Subzones for the Mid-Region of New Mexico](#)

Sub Area I.D.#	% Sub Area in Study	2004 Employment	2030 Employment	Interpolated Employment for the Year	Employment in Study	Dist. (Mi.)	Employment / Distance	(CS) Coors Bypass South			(7S) Seven Bar Loop South			(GS) Golf Course Rd South		
								% Utilizing	% Employment / Dist. Utilizing	Employment	% Utilizing	% Employment / Dist. Utilizing	Employment	% Utilizing	% Employment / Dist. Utilizing	Employment
1	100%	4,903	21,902	10,133	10,133	7.2	1,407	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
2	100%	16,736	23,706	18,881	18,881	3.2	5,900	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
3	100%	1,267	1,648	1,384	1,384	3.9	355	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
4	100%	2,935	4,943	3,553	3,553	11.3	314	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
5*	100%	13,877	28,079	18,247	18,247	1	18,247	18%	4.41%	3,284	3%	0.73%	547	25%	7.10%	5,292
6	100%	712	11,759	4,111	4,111	13.7	300	0%	0.00%	0	0%	0.00%	0	50%	0.20%	150
7	100%	8,372	19,146	11,687	11,687	5.5	2,125	75%	2.14%	1,594	0%	0.00%	0	25%	0.71%	531
8	100%	8,058	15,002	10,195	10,195	8.4	1,214	75%	1.22%	910	0%	0.00%	0	25%	0.41%	303
9	100%	781	1,498	1,002	1,002	21	48	0%	0.00%	0	0%	0.00%	0	50%	0.03%	24
10	100%	3,342	8,902	5,053	5,053	11.8	428	0%	0.00%	0	0%	0.00%	0	50%	0.29%	214
11	100%	5,555	7,264	6,081	6,081	12.1	503	75%	0.51%	377	0%	0.00%	0	25%	0.17%	126
12	100%	6,929	7,741	7,179	7,179	2.8	2,564	100%	3.44%	2,564	0%	0.00%	0	0%	0.00%	0
13	100%	38,326	49,804	41,858	41,858	4.3	9,734	100%	13.06%	9,734	0%	0.00%	0	0%	0.00%	0
14	100%	35,837	44,920	38,632	38,632	7.5	5,151	100%	6.91%	5,151	0%	0.00%	0	0%	0.00%	0
15	100%	18,228	22,077	19,412	19,412	5.6	3,466	100%	4.65%	3,466	0%	0.00%	0	0%	0.00%	0
16	100%	60,444	63,459	61,372	61,372	10.1	6,076	100%	8.16%	6,076	0%	0.00%	0	0%	0.00%	0
17	100%	33,936	37,420	35,008	35,008	7.8	4,488	30%	1.81%	1,346	0%	0.00%	0	35%	2.11%	1,571
18	100%	44,662	51,256	46,691	46,691	9.1	5,131	30%	2.07%	1,539	0%	0.00%	0	35%	2.41%	1,796
19	100%	27,971	31,533	29,067	29,067	10.8	2,691	30%	1.08%	807	0%	0.00%	0	35%	1.26%	942
20	100%	7,090	11,147	8,338	8,338	11.9	701	30%	0.28%	210	0%	0.00%	0	35%	0.33%	245
21	100%	49	10,028	3,119	3,119	15.3	204	30%	0.08%	61	0%	0.00%	0	35%	0.10%	71
22	100%	29,284	30,169	29,556	29,556	16.1	1,836	30%	0.74%	551	0%	0.00%	0	35%	0.86%	643
23	100%	2,651	5,057	3,391	3,391	18.9	179	30%	0.07%	54	0%	0.00%	0	35%	0.08%	63
24	100%	1,727	2,244	1,886	1,886	20.7	91	30%	0.04%	27	0%	0.00%	0	35%	0.04%	32
25	100%	161	215	178	178	23	8	30%	0.00%	2	0%	0.00%	0	35%	0.00%	3
26	100%	17,290	32,326	21,916	21,916	27.3	803	30%	0.32%	241	0%	0.00%	0	35%	0.38%	281
27	100%	4,520	6,134	5,017	5,017	17.1	293	30%	0.12%	88	0%	0.00%	0	35%	0.14%	103
28	100%	4,545	6,685	5,203	5,203	30.3	172	30%	0.07%	52	0%	0.00%	0	35%	0.08%	60
29	100%	1,451	3,786	2,173	2,173	27.2	80	100%	0.11%	80	0%	0.00%	0	0%	0.00%	0
		401,639	559,860	450,322	450,322	74.510	38,216		51.29%	38,216		0.73%	547		16.71%	12,449
							51.29%			51.29%			0.73%			16.71%

* - Subarea in which the site is located.

Trip Distribution Table

Cibola Loop Development (Ellison Dr / Coors Bypass)

Sub Area Employment Data:

For Determination of Trip Distribution for Proposed **Residential Development Trips**

2004 and 2030 Data Taken from Mid-Region Council of Governments' 2030 Socioeconomic

Forecasts by Data Analysis Subzones for the Mid-Region of New Mexico

Sub Area I.D.#	% Sub Area in Study	2004 Employment	2030 Employment	Interpolated Employment for the Year 2012	Employment in Study	Dist. (Mi.)	Employment / Distance	(MW)			(GN)			(CuN)		
								% Utilizing	% Employment / Dist. Utilizing	Employment	% Utilizing	% Employment / Dist. Utilizing	Employment	% Utilizing	% Employment / Dist. Utilizing	Employment
1	100%	4,903	21,902	10,133	10,133	7.2	1,407	50%	0.94%	704	50%	0.94%	704	0%	0.00%	0
2	100%	16,736	23,706	18,881	18,881	3.2	5,900	40%	3.17%	2,360	35%	2.77%	2,065	0%	0.00%	0
3	100%	1,267	1,648	1,384	1,384	3.9	355	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
4	100%	2,935	4,943	3,553	3,553	11.3	314	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
5*	100%	13,877	28,079	18,247	18,247	1	18,247	27%	6.61%	4,927	1%	0.24%	182	1%	0.24%	182
6	100%	712	11,759	4,111	4,111	13.7	300	50%	0.20%	150	0%	0.00%	0	0%	0.00%	0
7	100%	8,372	19,146	11,687	11,687	5.5	2,125	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
8	100%	8,058	15,002	10,195	10,195	8.4	1,214	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
9	100%	781	1,498	1,002	1,002	21	48	50%	0.03%	24	0%	0.00%	0	0%	0.00%	0
10	100%	3,342	8,902	5,053	5,053	11.8	428	50%	0.29%	214	0%	0.00%	0	0%	0.00%	0
11	100%	5,555	7,264	6,081	6,081	12.1	503	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
12	100%	6,929	7,741	7,179	7,179	2.8	2,564	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
13	100%	38,326	49,804	41,858	41,858	4.3	9,734	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
14	100%	35,837	44,920	38,632	38,632	7.5	5,151	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
15	100%	18,228	22,077	19,412	19,412	5.6	3,466	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
16	100%	60,444	63,459	61,372	61,372	10.1	6,076	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
17	100%	33,936	37,420	35,008	35,008	7.8	4,488	35%	2.41%	1,571	0%	0.00%	0	0%	0.00%	0
18	100%	44,662	51,256	46,691	46,691	9.1	5,131	35%	2.41%	1,796	0%	0.00%	0	0%	0.00%	0
19	100%	27,971	31,533	29,067	29,067	10.8	2,691	35%	1.26%	942	0%	0.00%	0	0%	0.00%	0
20	100%	7,090	11,147	8,338	8,338	11.9	701	35%	0.33%	245	0%	0.00%	0	0%	0.00%	0
21	100%	49	10,028	3,119	3,119	15.3	204	35%	0.10%	71	0%	0.00%	0	0%	0.00%	0
22	100%	29,284	30,169	29,556	29,556	16.1	1,836	35%	0.86%	643	0%	0.00%	0	0%	0.00%	0
23	100%	2,651	5,057	3,391	3,391	18.9	179	35%	0.09%	63	0%	0.00%	0	0%	0.00%	0
24	100%	1,727	2,244	1,886	1,886	20.7	91	35%	0.04%	32	0%	0.00%	0	0%	0.00%	0
25	100%	161	215	178	178	23	8	35%	0.00%	3	0%	0.00%	0	0%	0.00%	0
26	100%	17,290	32,326	21,916	21,916	27.3	803	35%	0.38%	281	0%	0.00%	0	0%	0.00%	0
27	100%	4,520	6,134	5,017	5,017	17.1	293	35%	0.14%	103	0%	0.00%	0	0%	0.00%	0
28	100%	4,545	6,685	5,203	5,203	30.3	172	35%	0.08%	60	0%	0.00%	0	0%	0.00%	0
29	100%	1,451	3,796	2,173	2,173	27.2	80	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
		401,639	559,860	450,322	450,322		74,510		19.04%	14,187		3.96%	2,951		0.24%	182
																0.24%

* - Subarea in which the site is located.

Trip Distribution Table

Cibola Loop Development (Ellison Dr / Coors Bypass)

Sub Area Employment Data:

For determination of Trip Distribution for Proposed **Residential Development Trips**

2004 and 2030 Data Taken from Mid-Region Council of Governments' 2031 Socioeconomic

Forecasts by Data Analysis Subzones for the Mid-Region of New Mexico

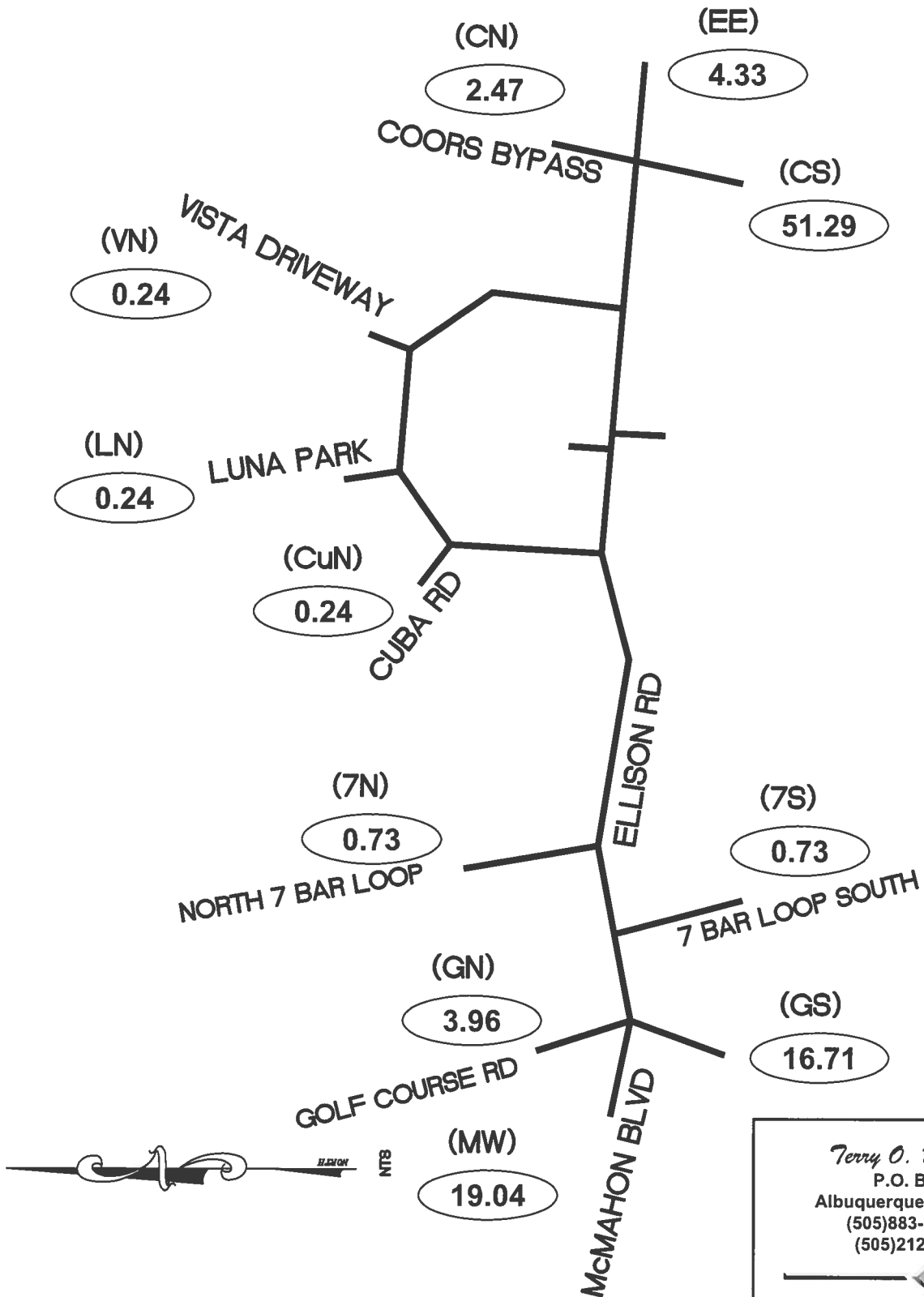
Sub Area ID.#	% Sub Area in Study	2004 Employment	2030 Employment	Interpolated Employment for the Year 2012	Employment in Study	Dist. (Mi.)	Employment / Distance	(LN)			(VN)		
								% Utilizing	% Employment / Dist. Utilizing	Employment	% Utilizing	% Employment / Dist. Utilizing	Employment
1	100%	4,903	21,902	10,133	10,133	7.2	1,407		0%	0	0%	0.00%	0
2	100%	16,736	23,706	18,881	18,881	3.2	5,900	0%	0%	0	0%	0.00%	0
3	100%	1,267	1,648	1,384	1,384	3.9	355	0%	0%	0	0%	0.00%	0
4	100%	2,935	4,943	3,553	3,553	11.3	314	0%	0%	0	0%	0.00%	0
5*	100%	13,877	28,079	18,247	18,247	1	18,247	1%	0.24%	182	1%	0.24%	182
6	100%	712	11,759	4,111	4,111	13.7	300	0%	0.00%	0	0%	0.00%	0
7	100%	8,372	19,146	11,687	11,687	5.5	2,125	0%	0%	0	0%	0.00%	0
8	100%	8,058	15,002	10,195	10,195	8.4	1,214	0%	0%	0	0%	0.00%	0
9	100%	781	1,498	1,002	1,002	21	48	0%	0.00%	0	0%	0.00%	0
10	100%	3,342	6,902	5,053	5,053	11.8	428	0%	0%	0	0%	0.00%	0
11	100%	5,555	7,264	6,081	6,081	12.1	503	0%	0%	0	0%	0.00%	0
12	100%	6,929	7,741	7,179	7,179	2.8	2,564	0%	0%	0	0%	0.00%	0
13	100%	35,326	49,804	41,858	41,858	4.3	9,734	0%	0%	0	0%	0.00%	0
14	100%	35,637	44,920	38,632	38,632	7.5	5,151	0%	0%	0	0%	0.00%	0
15	100%	18,228	22,077	19,412	19,412	5.6	3,466	0%	0%	0	0%	0.00%	0
16	100%	60,444	63,459	61,372	61,372	10.1	6,076	0%	0%	0	0%	0.00%	0
17	100%	33,936	37,420	35,008	35,008	7.8	4,488	0%	0%	0	0%	0.00%	0
18	100%	44,662	51,256	46,691	46,691	9.1	5,131	0%	0%	0	0%	0.00%	0
19	100%	27,971	31,533	29,067	29,067	10.8	2,691	0%	0%	0	0%	0.00%	0
20	100%	7,090	11,147	8,338	8,338	11.9	701	0%	0%	0	0%	0.00%	0
21	100%	49	10,028	3,119	3,119	15.3	204	0%	0%	0	0%	0.00%	0
22	100%	29,284	30,169	29,556	29,556	16.1	1,836	0%	0%	0	0%	0.00%	0
23	100%	2,651	5,057	3,391	3,391	18.9	179	0%	0%	0	0%	0.00%	0
24	100%	1,727	2,244	1,886	1,886	20.7	91	0%	0%	0	0%	0.00%	0
25	100%	161	215	178	178	23	8	0%	0%	0	0%	0.00%	0
26	100%	17,290	32,326	21,916	21,916	27.3	803	0%	0%	0	0%	0.00%	0
27	100%	4,520	6,134	5,017	5,017	17.1	293	0%	0%	0	0%	0.00%	0
28	100%	4,545	6,685	5,203	5,203	30.3	172	0%	0%	0	0%	0.00%	0
29	100%	1,451	3,796	2,173	2,173	27.2	80	0%	0%	0	0%	0.00%	0
		401,639	559,860	450,322	450,322	74,510	182	0.24%	0.24%	182	0%	0.24%	182
		0.24%											0.24%

* - Subarea in which the site is located.

Cibola Loop Development

(Ellison Dr / Coors Bypass)

Residential Trip Distribution Map (%)

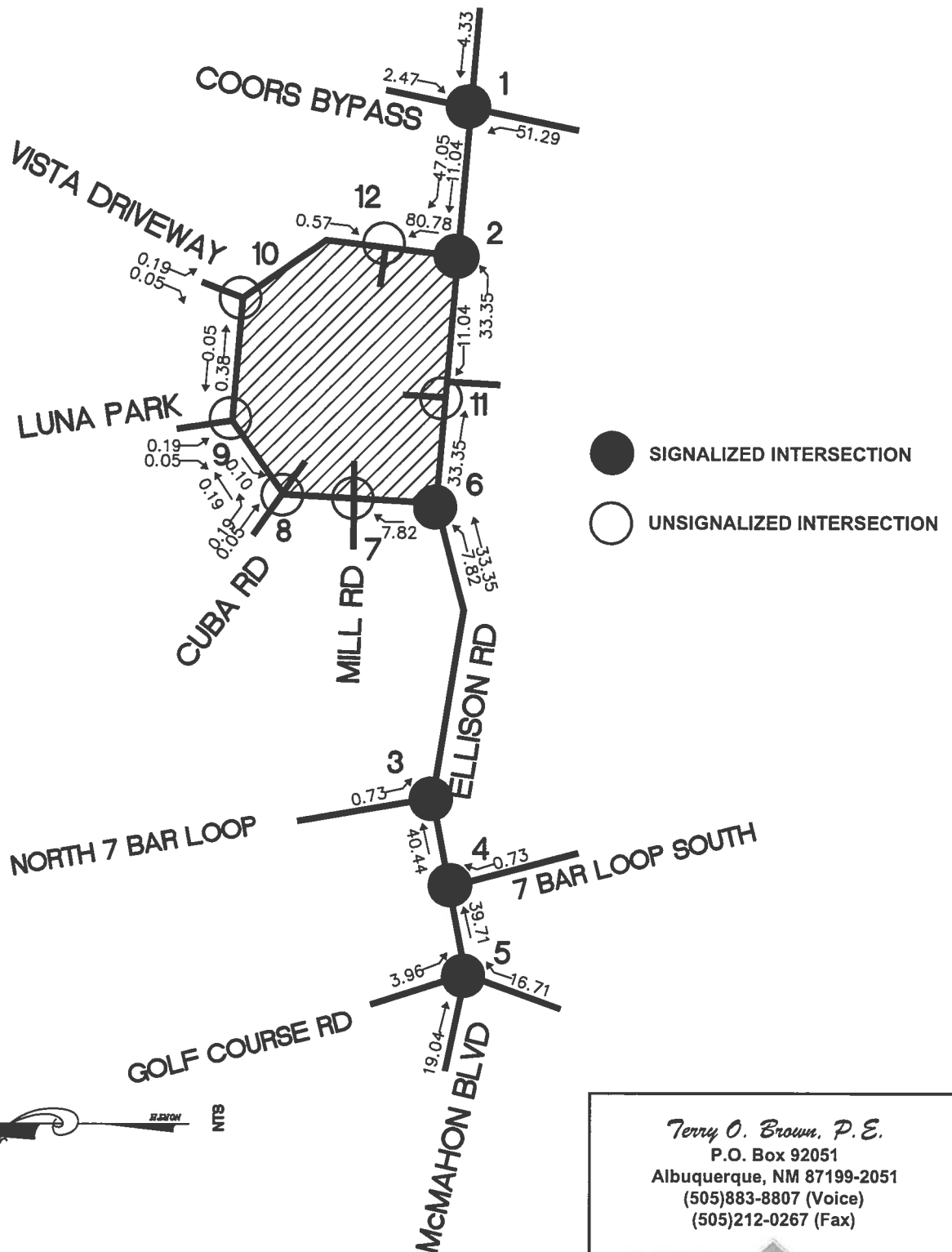


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Cibola Loop Development

(Ellison Dr / Coors Bypass)

Residential Trip Assignments (% Entering)

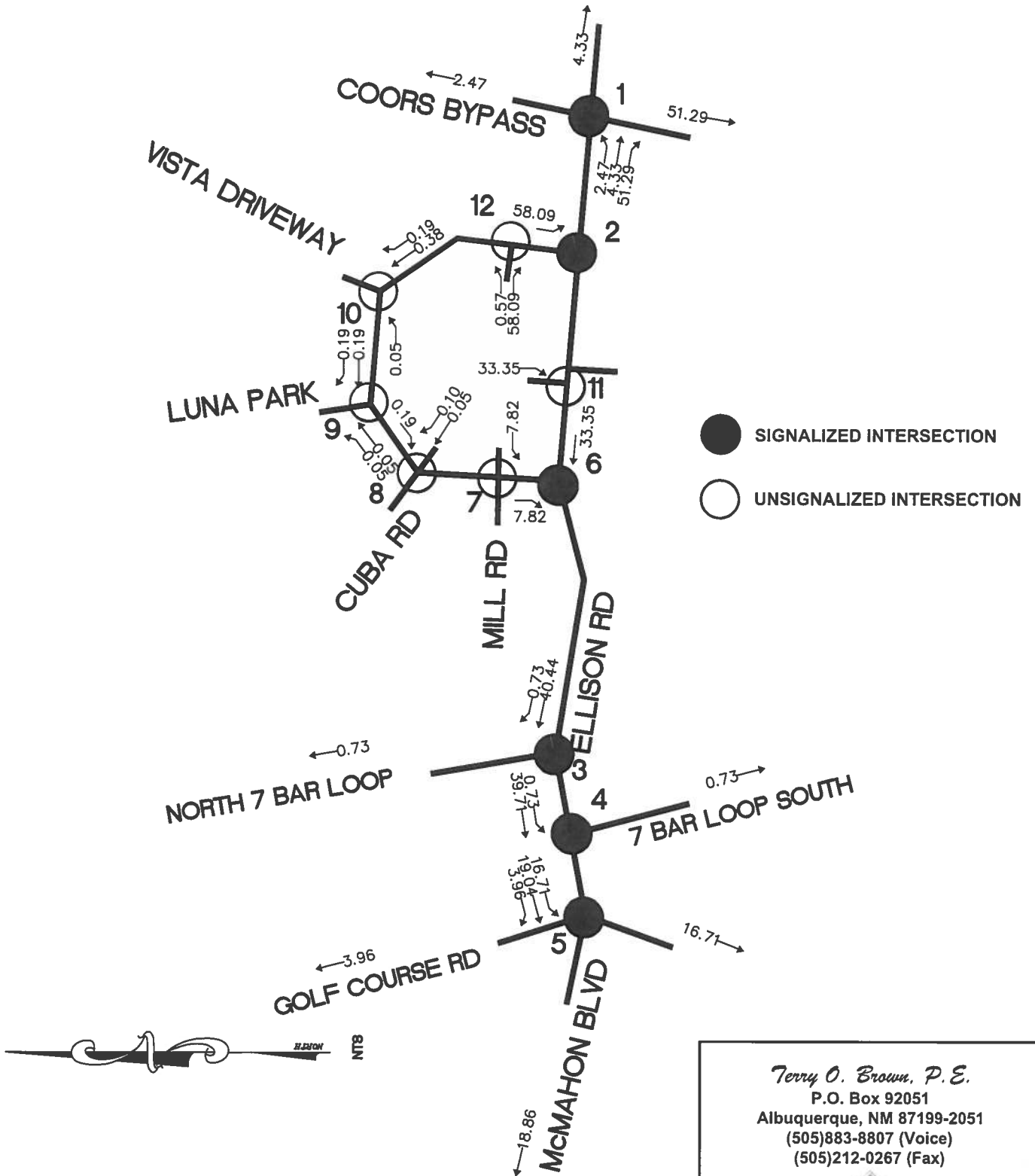


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Cibola Loop Development

(Ellison Dr / Coors Bypass)

Residential Trip Assignments (% Exiting)



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DATA ANALYSIS SUBZONE (DASZ) MAP
Cibola Loop Development (Ellison Blvd / Coors Bypass)

Trip Distribution Table Cibola Loop Development (Ellison Dr / Coors Bypass)

Data Analysis Subzone Population Data for determination of Local Trip Distribution for Proposed Retail Commercial Trips

2004 and 2030 Data Taken from Mid-Region Council of Governments' 2030 Socioeconomic
2030 Socioeconomic Forecasts by Data Analysis Subzones for the Mid-Region of New Mexico

DASZ #	% Sub Area in Study	Population		Interpolated Population for the Year	Population in Study	Percent Population	(7N) Seven Bar Loop North			(CN) Coors Bypass North			(EE) Ellison Blvd East		
		2004	2030				% Utilizing	% Population Utilizing	Population	% Utilizing	% Population Utilizing	Population	% Utilizing	% Population Utilizing	
Boundary Specified on DASZ Map															
1453	25%	2253	2821	2,428	607	1.91%	0%	0.00%	0	100%	1.91%	607	0%	0.00%	0
1501	45%	173	447	257	116	0.37%	0%	0.00%	0	100%	0.37%	116	0%	0.00%	0
1502	100%	0	448	138	138	0.44%	0%	0.00%	0	100%	0.44%	138	0%	0.00%	0
1511	40%	926	910	921	368	1.16%	0%	0.00%	0	75%	0.87%	276	0%	0.00%	0
1512	80%	2037	1969	2,016	1,613	5.09%	0%	0.00%	0	50%	2.54%	807	0%	0.00%	0
1513	100%	995	985	992	992	3.13%	0%	0.00%	0	50%	1.56%	496	0%	0.00%	0
1521	5%	0	3465	1,066	53	0.17%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1522	45%	46	2384	765	344	1.08%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1523	90%	9	1072	336	302	0.95%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1751	5%	1240	1551	1,336	67	0.21%	0%	0.00%	0	0%	0.00%	0	100%	0.21%	67
1761	25%	1079	1107	1,088	272	0.86%	0%	0.00%	0	0%	0.00%	0	100%	0.86%	272
1771	100%	571	536	560	560	1.77%	0%	0.00%	0	0%	0.00%	0	100%	1.77%	560
1772	95%	153	211	171	162	0.51%	0%	0.00%	0	0%	0.00%	0	100%	0.51%	162
6221	5%	2669	2549	2,632	132	0.42%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6233	20%	941	972	951	190	0.60%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6261	55%	143	333	201	111	0.35%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6351	100%	2475	3009	2,639	2,639	8.32%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6361	100%	2310	2326	2,315	2,199	6.93%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6362	100%	1355	1255	1,324	1,324	4.17%	50%	2.09%	662	50%	2.09%	662	0%	0.00%	0
6363	100%	1984	3354	2,406	2,406	7.59%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6364	100%	767	760	765	765	2.41%	70%	1.69%	536	0%	0.00%	0	0%	0.00%	0
6365	100%	1446	1389	1,428	1,428	4.50%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6371	100%	1350	1253	1,320	1,320	4.16%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6371	100%	406	386	400	400	1.26%	0%	0.00%	0	0%	0.00%	0	100%	1.26%	400
6372	100%	351	475	389	389	1.23%	0%	0.00%	0	0%	0.00%	0	100%	1.23%	389
6373	50%	332	347	337	169	0.53%	0%	0.00%	0	0%	0.00%	0	100%	0.53%	169
6374	100%	1085	1020	1,065	1,065	3.36%	0%	0.00%	0	0%	0.00%	0	100%	3.36%	1,065
6375	100%	0	0	0	0	0.00%	0%	0.00%	0	0%	50%	0	50%	0.00%	0
6376	100%	2	432	134	134	0.42%	0%	0.00%	0	0%	0.00%	0	50%	0.21%	67
6377	100%	0	0	0	0	0.00%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6378	100%	244	257	248	248	0.78%	0%	0.00%	0	0%	0.00%	0	75%	0.59%	186
6381	100%	5299	6017	5,520	5,520	17.40%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6382	75%	757	910	804	603	1.90%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6383	100%	636	647	639	639	2.01%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6384	100%	97	190	126	126	0.40%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6392	85%	3664	3717	3,680	3,128	9.86%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6393	20%	998	1394	1,120	224	0.71%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6394	30%	391	447	408	122	0.38%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6395	5%	0	0	0	0	0.00%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6501	55%	707	751	721	397	1.25%	0%	0.00%	0	0%	0.00%	0	100%	1.25%	397
6531	100%	103	96	101	101	0.32%	0%	0.00%	0	0%	0.00%	0	100%	0.32%	101
6532	90%	379	342	368	331	1.04%	0%	0.00%	0	0%	0.00%	0	100%	1.04%	331
6541	10%	134	130	133	13	0.04%	0%	0.00%	0	0%	0.00%	0	100%	0.04%	13
						100.00%	1,198 3.78%			3,102 9.78%			4,179 13.18%		

Trip Distribution Table
Cibola Loop Development (Ellison Dr / Coors Bypass)

Data Analysis Subzone Population Data for determination of Local Trip Distribution for Proposed **Retail Commercial 1**

2004 and 2030 Data Taken from Mid-Region Council of Governments' 2030 Socioeconomic
2030 Socioeconomic Forecasts by Data Analysis Subzones for the Mid-Region of New Mexico

DASZ #	% Sub Area in Study	2004 Population	2030 Population		Interpolated Population for the Year 2012	Population in Study	Percent Population	Coors Bypass South			Seven Bar Loop South			(GS)		
			2004	2030				% Utilizing	% Population Utilizing	Population	% Utilizing	% Population Utilizing	Population	% Utilizing	% Population Utilizing	
Boundary Specified on DASZ Map																
1453	25%	2253	2821	2428	607	1.91%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1501	45%	173	447	257	116	0.37%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1502	100%	0	448	138	138	100%	0%	0.44%	0	0%	0.00%	0	0%	0.00%	0	
1511	40%	926	910	921	368	1.16%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1512	80%	2037	1969	2016	1,613	5.09%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1521	100%	995	985	992	992	3.13%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1521	5%	0	3465	1,066	53	0.17%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1522	45%	46	2384	765	344	1.08%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1523	90%	9	1072	336	302	0.95%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1751	5%	1240	1551	1,336	67	0.21%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1761	25%	1079	1107	1,088	272	0.86%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1771	100%	571	536	560	560	1.77%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
1772	95%	153	211	171	162	0.51%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6221	2%	2869	2549	2,632	132	0.42%	50%	0.21%	66	0%	0.00%	0	50%	0.21%	66	
6233	50%	941	972	951	190	0.60%	100%	0.35%	190	0%	0.00%	0	0%	0.00%	0	
6261	55%	143	333	201	111	0.35%	100%	0.35%	111	0%	0.00%	0	0%	0.00%	0	
6351	100%	2475	3009	2,639	2,639	8.32%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6352	95%	2310	2326	2,315	2,199	6.93%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6361	100%	1355	1255	1,324	1,324	4.17%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6362	100%	1984	3354	2,406	2,406	7.59%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6363	100%	767	760	765	765	2.41%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6365	100%	1446	1389	1,428	1,428	4.50%	0%	0.00%	1,320	100%	4.50%	1,428	0%	0.00%	0	
6371	100%	406	386	400	400	1.25%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6372	100%	351	475	389	389	1.23%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6373	50%	332	6373	347	332	0.53%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6374	100%	1085	1020	1,065	1,065	3.36%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6375	100%	0	0	0	0	0.00%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6376	100%	2	432	134	134	0.42%	50%	0.21%	67	0%	0.00%	0	0%	0.00%	0	
6377	100%	0	6377	0	0	0.00%	100%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6378	100%	244	257	248	248	0.78%	25%	0.20%	62	0%	0.00%	0	0%	0.00%	0	
6381	100%	5299	6017	5,520	5,520	17.40%	50%	8.70%	2,760	0%	0.00%	0	50%	8.70%	2,760	
6382	75%	757	910	804	603	1.90%	50%	0.95%	302	0%	0.00%	0	50%	0.95%	302	
6383	100%	636	647	639	639	2.01%	100%	2.01%	639	0%	0.00%	0	0%	0.00%	0	
6384	100%	97	190	126	126	0.40%	100%	0.40%	126	0%	0.00%	0	0%	0.00%	0	
6392	85%	3664	3717	3,680	3,128	9.86%	0%	0.00%	0	0%	0.00%	0	100%	9.86%	3,128	
6393	20%	998	1394	1,120	224	0.71%	0%	0.00%	0	0%	0.00%	0	100%	0.71%	224	
6394	30%	391	447	408	122	0.36%	0%	0.00%	0	0%	0.00%	0	100%	0.36%	122	
6395	5%	0	0	0	0	0.00%	0%	0.00%	0	0%	0.00%	0	100%	0.00%	0	
6501	55%	707	751	721	397	1.25%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6531	100%	103	96	101	101	0.32%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6532	90%	379	342	368	331	1.04%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
6541	10%	134	130	133	13	0.04%	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0	
						31,717	100.00%	5,643	17.79%	1,428	4.50%	6,602	20.81%	6,602	20.81%	

2004 and 2030 Data Taken from Mid-Region Council of Governments' 2030 Socioeconomic
2030 Socioeconomic Forecasts by Data Analysis Subzones for the Mid-Region of New Mexico

DASZ #	% Sub Area In Study	2004 Population		2030 Population	Interpolated Population for the Year 2012	Population in Study	Percent Population	(MW)			(GN)			(CuN)		
		2004						% Utilizing	% Population Utilizing	Population	% Utilizing	% Population Utilizing	Population	% Utilizing	% Population Utilizing	Population
Boundary Specified on DASZ Map																
1453	25%	2253	2821	2,428	607	1.91%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1501	45%	173	447	257	116	0.37%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1502	138	100%	448	138	100%	0.44%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1511	40%	926	910	921	368	1.16%	0	0%	0.00%	0	25%	0.29%	92	0%	0.00%	0
1512	80%	2037	1969	2,016	1,613	5.09%	0	0%	0.00%	0	50%	2.54%	807	0%	0.00%	0
1513	100%	995	985	992	992	3.13%	0	0%	0.00%	0	50%	1.56%	496	0%	0.00%	0
1521	5%	0	3465	1,066	53	0.17%	27	50%	0.08%	0	50%	0.08%	27	0%	0.00%	0
1522	45%	46	2384	765	344	1.08%	0	0%	0.00%	0	100%	1.08%	344	0%	0.00%	0
1523	90%	9	1072	336	302	0.95%	76	25%	0.24%	0	75%	0.71%	227	0%	0.00%	0
1751	5%	1240	1551	1,336	67	0.21%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1761	25%	1079	1107	1,088	272	0.86%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1771	100%	571	536	560	560	1.77%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
1772	95%	153	211	171	162	0.51%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6221	2%	2869	2549	2,632	132	0.42%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6233	50%	941	972	951	190	0.60%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6261	55%	143	333	201	111	0.35%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6351	100%	2475	3009	2,639	2,639	8.32%	1,320	50%	4.16%	1,320	50%	4.16%	1,320	0%	0.00%	0
6352	95%	2310	2326	2,315	2,199	6.93%	2,199	100%	6.93%	2,199	0%	0.00%	0	0%	0.00%	0
6361	100%	1355	1255	1,324	1,324	4.17%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6362	100%	1984	3354	2,406	2,406	7.59%	0	0%	0.00%	0	0%	0.00%	0	40%	3.03%	962
6363	100%	767	760	765	765	2.41%	0	0%	0.00%	0	30%	0.72%	230	0%	0.00%	0
6364	100%	1446	1389	1,428	1,428	4.16%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6365	100%	1350	1253	1,320	1,320	4.15%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6371	100%	406	386	400	400	1.26%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6372	100%	351	475	389	389	1.23%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6373	50%	332	347	337	337	0.53%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6374	100%	1085	1020	1,065	1,065	3.36%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6375	100%	0	0	0	0	0.00%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6376	100%	2	432	134	134	0.42%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6377	100%	0	0	0	0	0.00%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6378	100%	244	257	248	248	0.78%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6381	100%	5299	6017	5,520	5,520	17.40%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6382	75%	757	6382	804	603	1.90%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6383	100%	636	639	639	639	2.01%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6384	100%	97	190	126	126	0.40%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6392	85%	3664	3717	3,680	3,128	9.86%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6393	20%	998	1394	1,120	639	0.71%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6394	30%	391	447	408	122	0.36%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6395	5%	0	0	0	0	0.00%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6501	55%	707	751	721	397	1.25%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6531	100%	103	96	101	101	0.32%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6532	90%	379	342	368	331	1.04%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
6541	10%	134	130	133	13	0.04%	0	0%	0.00%	0	0%	0.00%	0	0%	0.00%	0
							3,621	0	0.00%	3,541	0	0.00%	3,541	0	0.00%	962
							11.42%			11.16%			11.16%			3.03%

Trip Distribution Table

Cibola Loop Development (Ellison Dr / Coors Bypass)

Data Analysis Subzone Population Data for determination of Local Trip Distribution for Proposed **Retail Commercial** 1

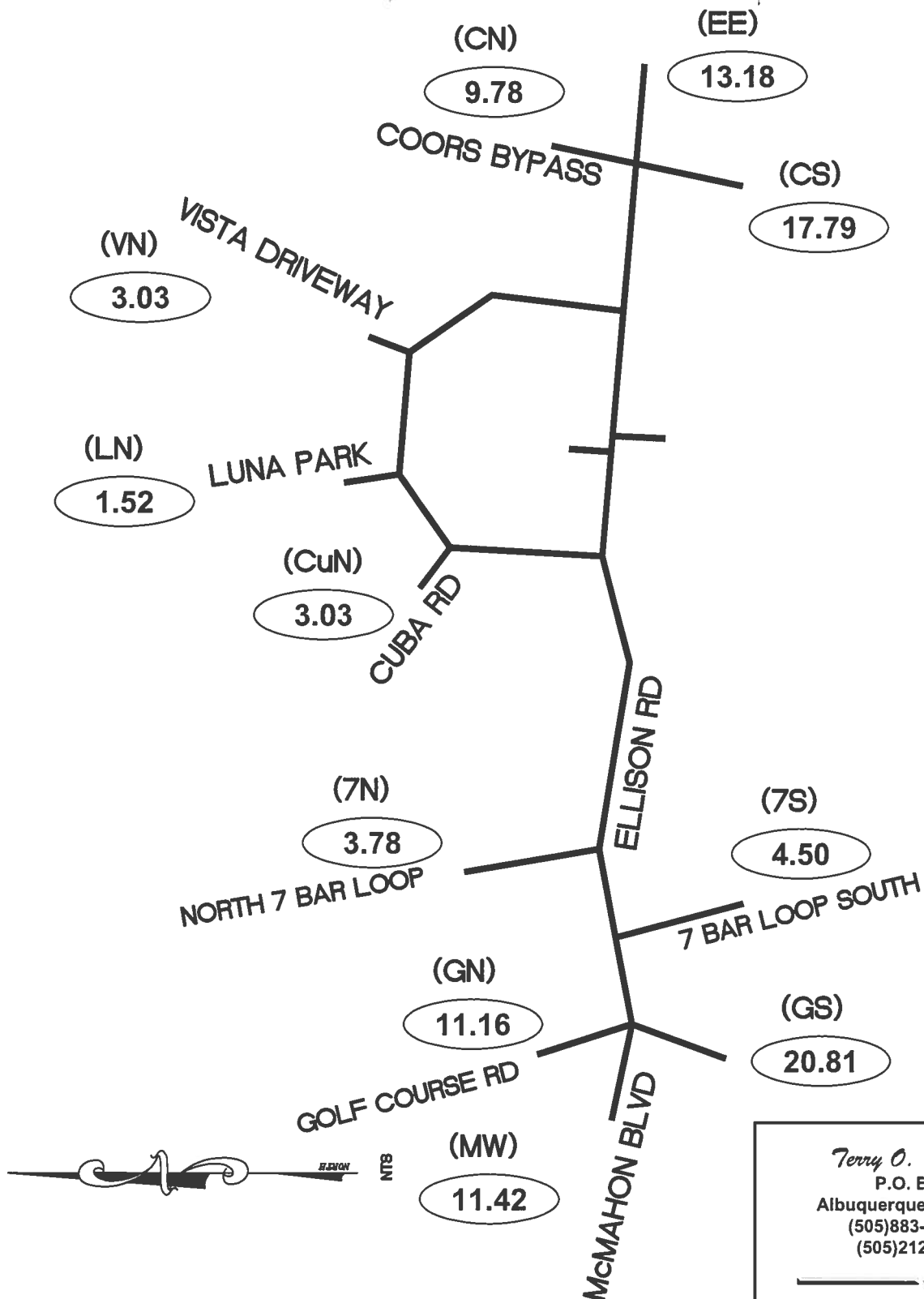
2004 and 2030 Data Taken from Mid-Region Council of Governments' 2030 Socioeconomic
2030 Socioeconomic Forecasts by Data Analysis Subzones for the Mid-Region of New Mexico

DASZ #	% Sub Area in Study	2004 Population		Interpolated Population for the Year 2012	Population in Study	Percent Population	(LN) Luna Park		(VN) Visia Drive North			
		2004	2030				% Utilizing	% Population Utilizing	Population	% Utilizing	% Population Utilizing	Population
Boundary Specified on DASZ Map												
1453	25%	2253	2821	2,428	607	1.91%	0%	0.00%	0	0%	0.00%	0
1501	45%	173	447	257	116	0.37%	0%	0.00%	0	0%	0.00%	0
1502	100%	0	448	138	138	0.44%	0%	0.00%	0	0%	0.00%	0
1511	40%	926	910	921	368	1.16%	0%	0.00%	0	0%	0.00%	0
1512	80%	2037	1969	2,016	1,613	5.09%	0%	0.00%	0	0%	0.00%	0
1513	100%	995	985	992	992	3.13%	0%	0.00%	0	0%	0.00%	0
1521	5%	0	3465	1,066	53	0.17%	0%	0.00%	0	0%	0.00%	0
1522	45%	46	2384	765	344	1.08%	0%	0.00%	0	0%	0.00%	0
1523	90%	9	1072	336	302	0.95%	0%	0.00%	0	0%	0.00%	0
1751	5%	1240	1551	1,336	67	0.21%	0%	0.00%	0	0%	0.00%	0
1761	25%	1079	1107	1,088	272	0.86%	0%	0.00%	0	0%	0.00%	0
1771	100%	571	536	560	560	1.77%	0%	0.00%	0	0%	0.00%	0
1772	95%	153	211	171	162	0.51%	0%	0.00%	0	0%	0.00%	0
6221	5%	2669	2549	2,632	132	0.42%	0%	0.00%	0	0%	0.00%	0
6233	20%	941	972	951	190	0.60%	0%	0.00%	0	0%	0.00%	0
6261	55%	143	333	201	111	0.35%	0%	0.00%	0	0%	0.00%	0
6351	100%	2475	3009	2,639	2,639	8.32%	0%	0.00%	0	0%	0.00%	0
6352	95%	2310	2326	2,315	2,199	6.93%	0%	0.00%	0	0%	0.00%	0
6361	100%	1355	1255	1,324	1,324	4.17%	0%	0.00%	0	0%	0.00%	0
6362	100%	1984	3354	2,406	2,406	7.59%	20%	1.52%	481	40%	3.03%	962
6363	100%	767	760	765	765	2.41%	0%	0.00%	0	0%	0.00%	0
6364	100%	1446	1389	1,428	1,428	4.50%	0%	0.00%	0	0%	0.00%	0
6365	100%	1350	1253	1,320	1,320	4.16%	0%	0.00%	0	0%	0.00%	0
6371	100%	406	386	400	400	1.26%	0%	0.00%	0	0%	0.00%	0
6372	100%	351	475	389	389	1.23%	0%	0.00%	0	0%	0.00%	0
6373	50%	332	347	337	169	0.53%	0%	0.00%	0	0%	0.00%	0
6374	100%	1085	1020	1,065	1,065	3.36%	0%	0.00%	0	0%	0.00%	0
6375	100%	0	0	0	0	0.00%	0%	0.00%	0	0%	0.00%	0
6376	100%	2	432	134	134	0.42%	0%	0.00%	0	0%	0.00%	0
6377	100%	0	0	0	0	0.00%	0%	0.00%	0	0%	0.00%	0
6378	100%	244	257	248	248	0.78%	0%	0.00%	0	0%	0.00%	0
6381	100%	5299	6017	5,520	5,520	17.40%	0%	0.00%	0	0%	0.00%	0
6382	75%	757	910	804	603	1.90%	0%	0.00%	0	0%	0.00%	0
6383	100%	636	647	639	639	2.01%	0%	0.00%	0	0%	0.00%	0
6384	100%	97	190	126	126	0.40%	0%	0.00%	0	0%	0.00%	0
6392	85%	3664	3717	3,680	3,128	9.86%	0%	0.00%	0	0%	0.00%	0
6393	20%	998	1394	1,120	224	0.71%	0%	0.00%	0	0%	0.00%	0
6394	30%	391	447	408	122	0.38%	0%	0.00%	0	0%	0.00%	0
6395	5%	0	0	0	0	0.00%	0%	0.00%	0	0%	0.00%	0
6501	55%	707	751	721	397	1.25%	0%	0.00%	0	0%	0.00%	0
6531	100%	103	96	101	101	0.32%	0%	0.00%	0	0%	0.00%	0
6532	90%	379	342	368	331	1.04%	0%	0.00%	0	0%	0.00%	0
6541	10%	134	130	133	13	0.04%	0%	0.00%	0	0%	0.00%	0
						100.00%			481			962
						31,717			1,52%			3,03%
						44,248						

Cibola Loop Development

(Ellison Dr / Coors Bypass)

Commercial Trip Distribution Map (%)

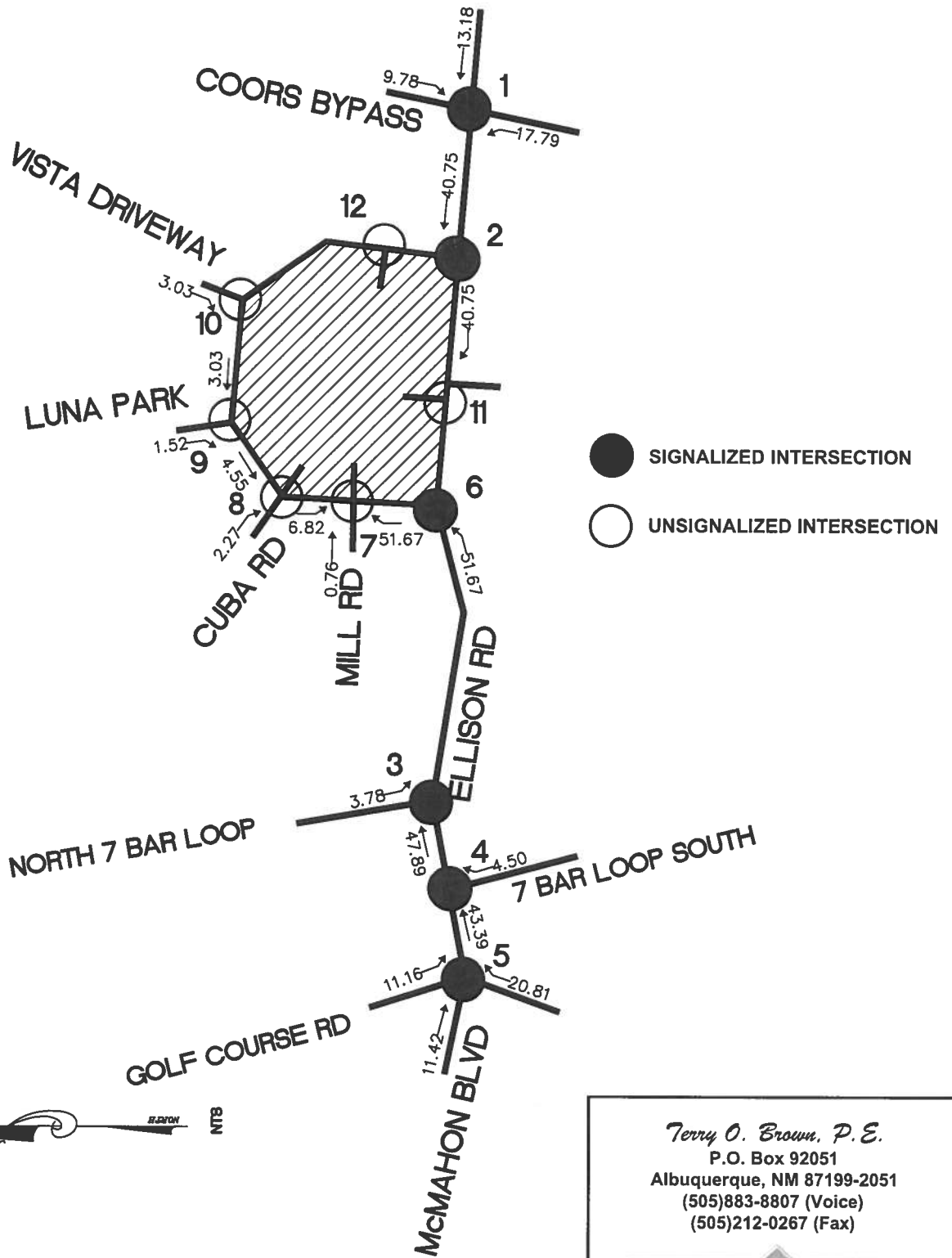


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Cibola Loop Development

(Ellison Dr / Coors Bypass)

Commercial Trip Assignments (% Entering)

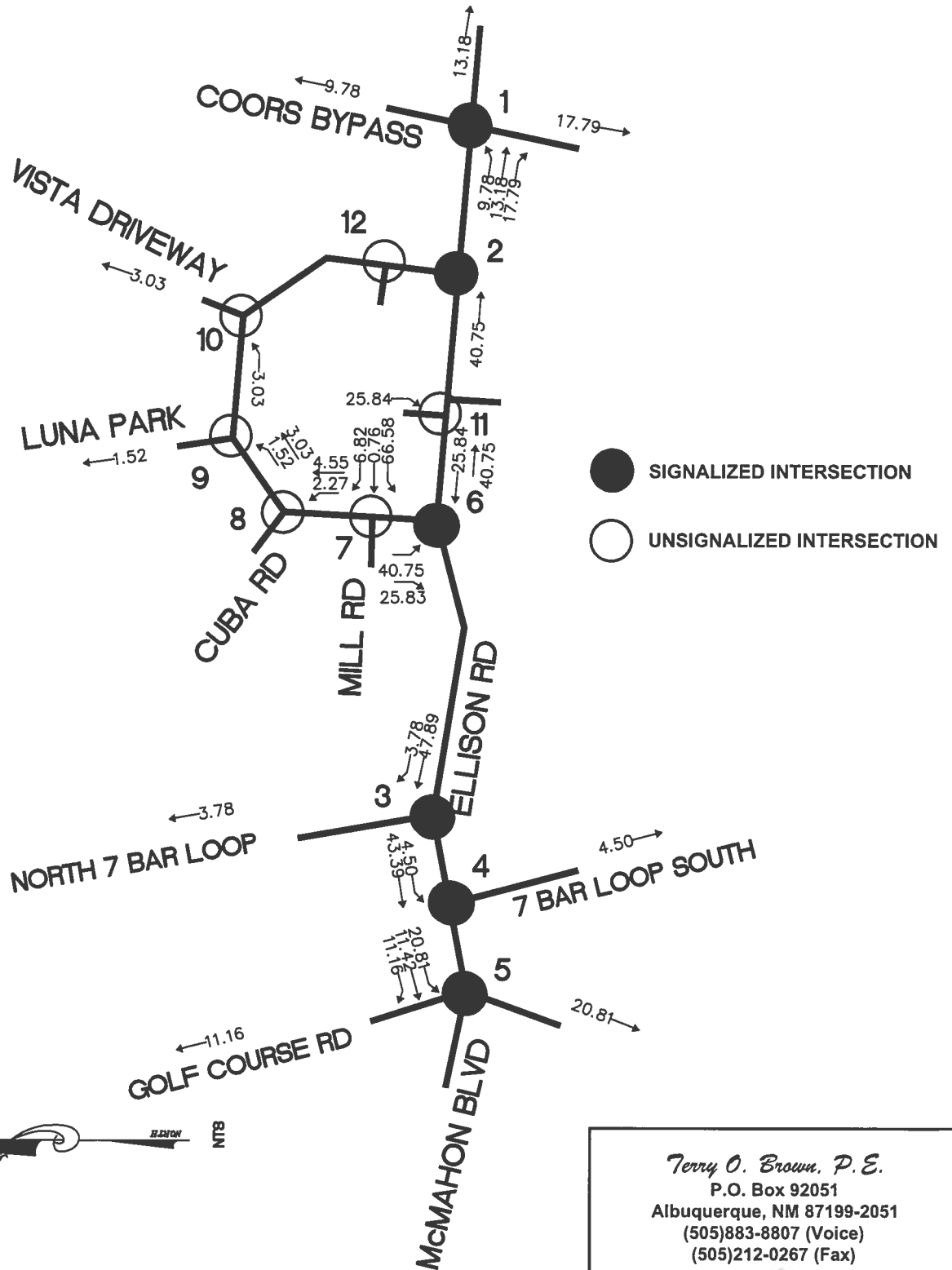


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Cibola Loop Development

(Ellison Dr / Coors Bypass)

Commercial Trip Assignments (% Exiting)



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Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Ellison Dr / Coors Bypass

INTERSECTION :

Ellison Dr

E-W Street:

(1)

N-S Street:

Coors Bypass

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (Coors Bypass)			Southbound (Coors Bypass)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.00%	0.00%	0.00%	4.33%	0.00%	51.29%	0.00%	0.00%	0.00%	0.00%	2.47%
2.47%	4.33%	51.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	13.18%	0.00%	17.79%	0.00%	0.00%	0.00%	0.00%	9.78%
9.77%	13.30%	17.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3	4	20	0	5	0	19	0	0	0	0	4

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (Coors Bypass)			Southbound (Coors Bypass)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.00%	0.00%	0.00%	4.33%	0.00%	51.29%	0.00%	0.00%	0.00%	0.00%	2.47%
2.47%	4.33%	51.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	13.18%	0.00%	17.79%	0.00%	0.00%	0.00%	0.00%	9.78%
9.77%	13.30%	17.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10	14	36	0	13	0	44	0	0	0	0	9

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

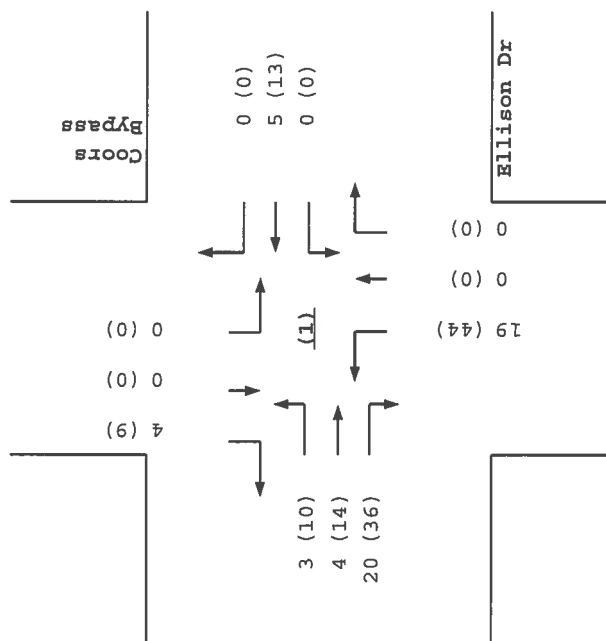
Total Trips Generated

Entering		Exiting			
28	33	A.M.	100% Residential Development		
57	39	P.M.			
29	19	A.M.	100% Commercial Development		
82	89	P.M.			

Number of Residential Trips Generated

Number of Commercial Trips Generated

Trips



Ellison Dr / Coors Bypass

Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Ellison Dr / Cibola Loop E.

INTERSECTION :

E-W Street:

Ellison Dr

(2)

N-S Street:

Cibola Loop E.

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (Cibola Loop E.)			Southbound (Cibola Loop E.)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
33.35%	0.00%	0.00%	0.00%	11.04%	47.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	58.09%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	40.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	40.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
9	8	0	0	15	13	0	0	0	19	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (Cibola Loop E.)			Southbound (Cibola Loop E.)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
33.35%	0.00%	0.00%	0.00%	11.04%	47.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	58.09%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	40.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	40.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19	36	0	0	39	27	0	0	0	23	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

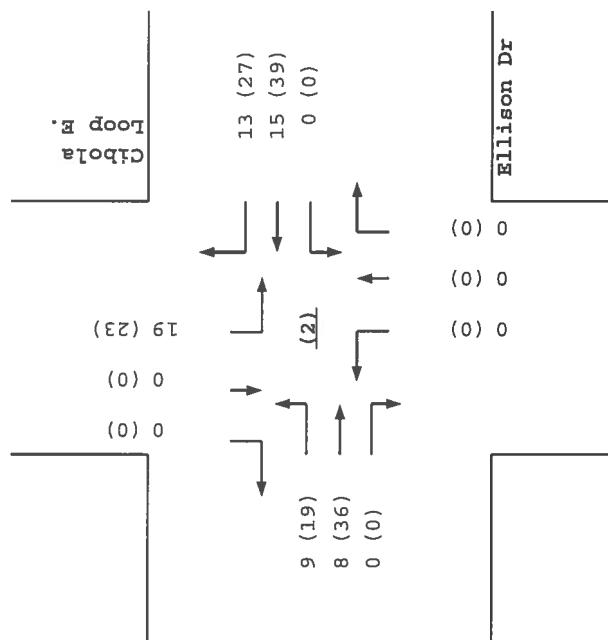
Total Trips Generated

Entering		Exiting			
28	33	33	A.M.	100% Residential Development	
57	39	39	P.M.		
29	19	19	A.M.	100% Commercial Development	
82	89	89	P.M.		

Number of Residential Trips Generated

Number of Commercial Trips Generated

Trips



Ellison Dr / Cibola Loop E.

Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Ellison Dr / North 7 Bar Dr

INTERSECTION :

E-W Street:

Ellison Dr

(3)

N-S Street:

North 7 Bar Dr

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (North 7 Bar Dr)			Southbound (North 7 Bar Dr)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	40.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.73%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	40.44%	0.73%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	47.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.78%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	47.89%	3.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	25	0	0	22	1	0	0	0	1	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (North 7 Bar Dr)			Southbound (North 7 Bar Dr)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	40.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.73%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	40.44%	0.73%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	47.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.78%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	47.89%	3.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	62	0	0	59	3	0	0	0	3	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

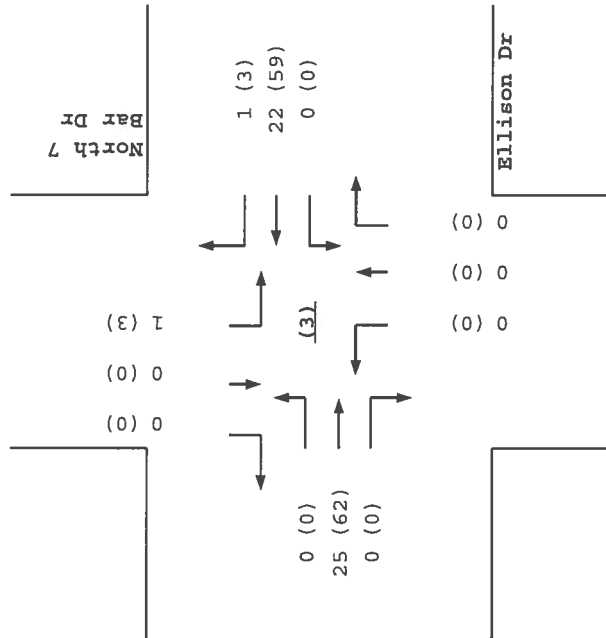
Total Trips Generated

Entering		Exiting			
28	33	A.M.	100% Residential Development		
57	39	P.M.			
29	19	A.M.	100% Commercial Development		
82	89	P.M.			

Number of Residential Trips Generated

Number of Commercial Trips Generated

Trips



Ellison Dr / North 7 Bar Dr

Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Ellison Dr / 7 Bar Loop Rd S.

INTERSECTION :

Ellison Dr

E-W Street:

(4)

N-S Street:

7 Bar Loop Rd S.

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (7 Bar Loop Rd S.)			Southbound (7 Bar Loop Rd S.)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	39.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.73%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.73%	39.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	43.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.50%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	4.50%	43.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	24	0	1	21	0	0	0	1	0	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (7 Bar Loop Rd S.)			Southbound (7 Bar Loop Rd S.)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	39.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.73%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.73%	39.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	43.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.50%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	4.50%	43.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	59	0	4	54	0	0	0	4	0	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

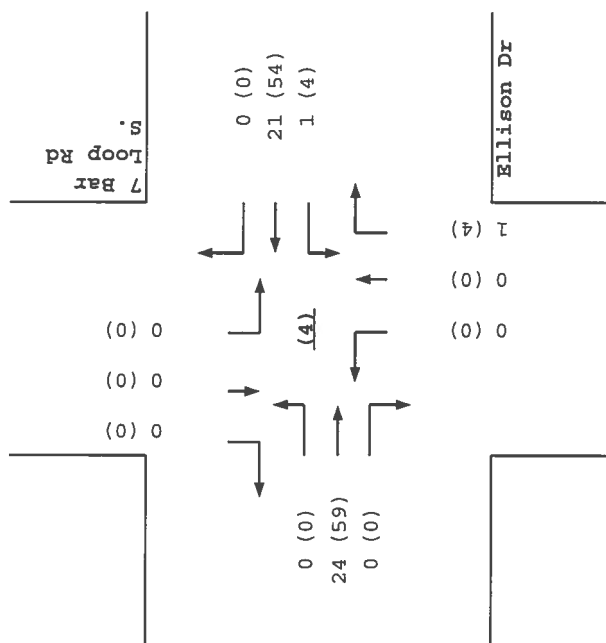
Total Trips Generated

Entering		Exiting			
28	33	33	A.M.	100% Residential Development	
57	39	39	P.M.		
29	19	19	A.M.	100% Commercial Development	
82	89	89	P.M.		

Number of Residential Trips Generated

Number of Commercial Trips Generated

Trips



Ellison Dr / 7 Bar Loop Rd S.

Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

McMahon Blvd / Golf Course Rd

INTERSECTION :

E-W Street:

McMahon Blvd

(5)

N-S Street:

Golf Course Rd

Eastbound (McMahon Blvd)			Westbound (McMahon Blvd)			Northbound (Golf Course Rd)			Southbound (Golf Course Rd)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	19.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.71%	3.96%	0.00%	0.00%
0.00%	0.00%	0.00%	16.71%	19.04%	3.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	11.42%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.81%	11.16%	0.00%	0.00%
0.00%	0.00%	0.00%	20.81%	11.42%	11.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	8	0	10	8	3	0	0	11	4	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (McMahon Blvd)			Westbound (McMahon Blvd)			Northbound (Golf Course Rd)			Southbound (Golf Course Rd)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	19.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.71%	3.96%	0.00%	0.00%
0.00%	0.00%	0.00%	16.71%	19.04%	3.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	11.42%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.81%	11.16%	0.00%	0.00%
0.00%	0.00%	0.00%	20.81%	11.42%	11.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	20	0	26	17	12	0	0	27	11	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Entering Exiting

28 33 A.M. 100% Residential Development

57 39 P.M.

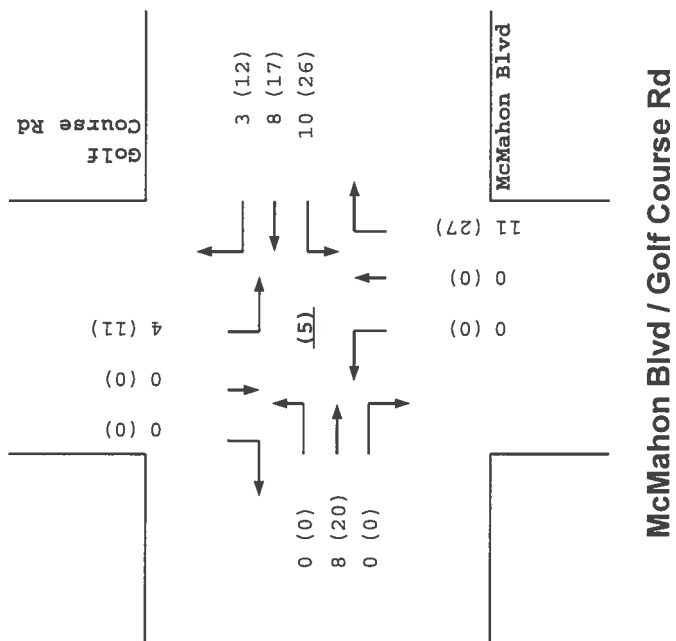
29 19 A.M. 100% Commercial Development

82 89 P.M.

Number of Residential Trips Generated

Number of Commercial Trips Generated

Trips



Cibola Loop Development (Ellison Dr / Coors Bypass)
 Projected Turning Movements Worksheet
Ellison Dr / Cibola Loop W.

INTERSECTION :

E-W Street:
N-S Street:

Ellison Dr
Cibola Loop W.

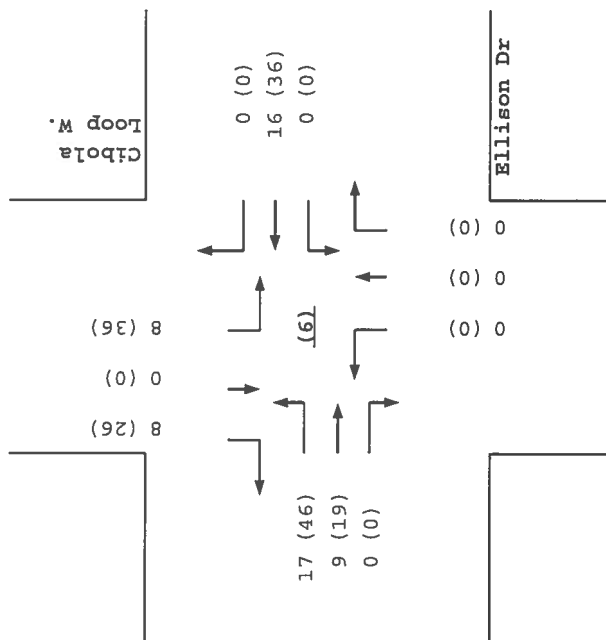
(6)

		Eastbound (Ellison Dr)		Westbound (Ellison Dr)		Northbound (Cibola Loop W.)		Southbound (Cibola Loop W.)	
		Thru	Right	Left	Thru	Left	Thru	Left	Right
Percent Residential Trips Generated(Entering)		33.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Percent Residential Trips Generated(Exiting)		0.00%	0.00%	0.00%	33.35%	0.00%	0.00%	0.00%	7.82%
Percent Commercial Trips Generated(Entering)		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Percent Commercial Trips Generated(Exiting)		0.00%	0.00%	0.00%	25.85%	0.00%	0.00%	40.75%	25.83%
Total Trips Generated	17	9	0	0	16	0	0	8	8

		Eastbound (Ellison Dr)		Westbound (Ellison Dr)		Northbound (Cibola Loop W.)		Southbound (Cibola Loop W.)	
		Thru	Right	Left	Thru	Left	Thru	Left	Right
Percent Residential Trips Generated(Entering)		33.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Percent Residential Trips Generated(Exiting)		0.00%	0.00%	0.00%	33.35%	0.00%	0.00%	0.00%	7.82%
Percent Commercial Trips Generated(Entering)		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Percent Commercial Trips Generated(Exiting)		0.00%	0.00%	0.00%	25.85%	0.00%	0.00%	40.75%	25.83%
Total Trips Generated	46	19	0	0	36	0	0	36	26

		Entering	Exiting	
Number of Residential Trips Generated	28	33	A.M.	100% Residential Development
	57	39	P.M.	
Number of Commercial Trips Generated	29	19	A.M.	100% Commercial Development
	82	89	P.M.	

Trips



Ellison Dr / Cibola Loop W.

Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Mill Rd / Cibola Loop

INTERSECTION : E-W Street: **Mill Rd**
N-S Street: **Cibola Loop**

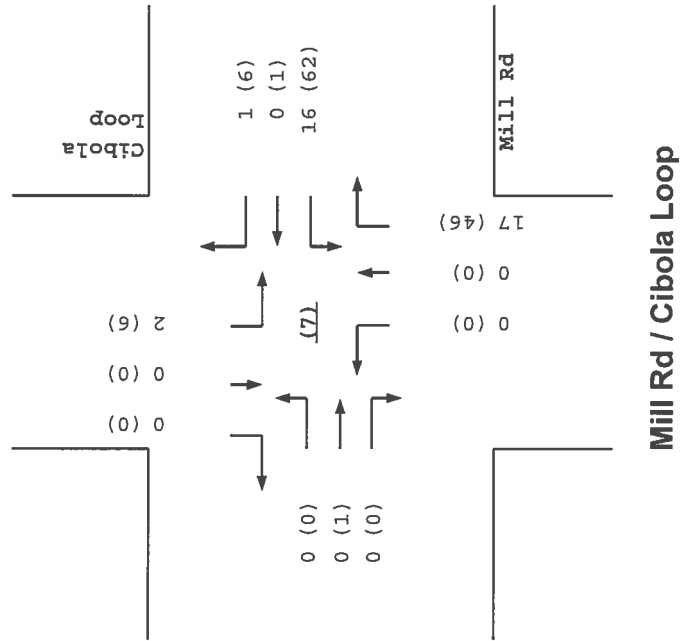
(7)

	Eastbound (Mill Rd)			Westbound (Mill Rd)			Northbound (Cibola Loop)			Southbound (Cibola Loop)		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Percent Residential Trips Generated(Entering)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.82%	0.00%	0.00%	0.00%
Percent Residential Trips Generated(Exiting)	0.00%	0.00%	0.00%	7.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Percent Commercial Trips Generated(Entering)	0.00%	0.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	51.67%	6.82%	0.00%	0.00%
Percent Commercial Trips Generated(Exiting)	0.00%	0.00%	0.00%	66.58%	0.76%	6.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Trips Generated	0	0	0	16	0	1	0	0	17	2	0	0

	Eastbound (Mill Rd)			Westbound (Mill Rd)			Northbound (Cibola Loop)			Southbound (Cibola Loop)		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Percent Residential Trips Generated(Entering)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.82%	0.00%	0.00%	0.00%
Percent Residential Trips Generated(Exiting)	0.00%	0.00%	0.00%	7.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Percent Commercial Trips Generated(Entering)	0.00%	0.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	51.67%	6.82%	0.00%	0.00%
Percent Commercial Trips Generated(Exiting)	0.00%	0.00%	0.00%	66.58%	0.76%	6.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Trips Generated	0	1	0	62	1	6	0	0	46	6	0	0

	Entering		Exiting		
	28	33	39	19	
Number of Residential Trips Generated	57	A.M.	100% Residential Development		
Number of Commercial Trips Generated	29	P.M.	100% Commercial Development		
	82	A.M.			
		P.M.			

Trips



Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Cuba Rd / Cibola Loop

INTERSECTION :

E-W Street:

Cuba Rd

(8)

N-S Street:

Cibola Loop

Eastbound (Cuba Rd)			Westbound (Cuba Rd)			Northbound (Cibola Loop)			Southbound (Cibola Loop)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.19%	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.10%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.05%	0.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.19%
0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.27%	4.55%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0	0	0	0	0	0	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (Cuba Rd)			Westbound (Cuba Rd)			Northbound (Cibola Loop)			Southbound (Cibola Loop)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.19%	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.10%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.05%	0.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.19%
0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.27%	4.55%	0.00%	0.00%	0.00%	0.00%
0	0	2	0	0	0	2	4	0	0	4	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Number of Residential Trips Generated

28 33 A.M. 100% Residential Development

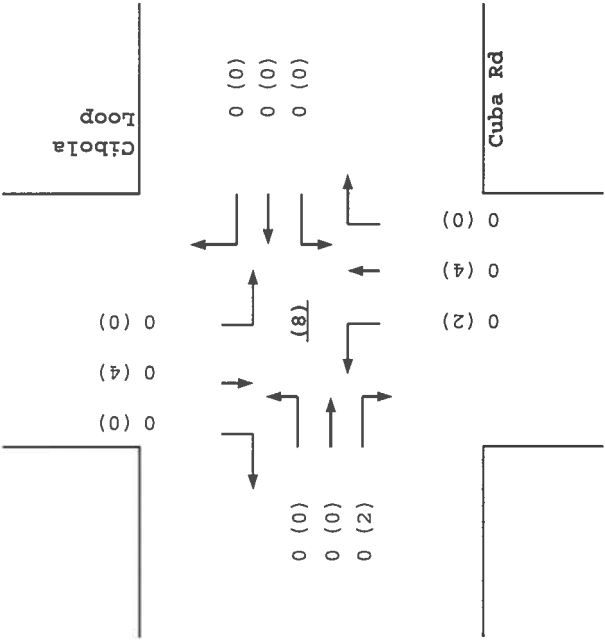
Number of Commercial Trips Generated

57 39 P.M. 100% Commercial Development

29 19 A.M.

82 89 P.M.

Trips



Cuba Rd / Cibola Loop

Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Cibola Loop / Luna Park

INTERSECTION :

E-W Street:
N-S Street:

**Cibola Loop
Luna Park**

(9)

Eastbound (Cibola Loop)			Westbound (Cibola Loop)			Northbound (Luna Park)			Southbound (Luna Park)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.19%	0.00%	0.00%	0.05%	0.00%	0.00%	0.00%	0.00%	0.19%	0.00%	0.05%
0.05%	0.05%	0.00%	0.00%	0.19%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	3.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.52%
1.52%	3.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	1	0	0	1	0	0	0	0	0	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (Cibola Loop)			Westbound (Cibola Loop)			Northbound (Luna Park)			Southbound (Luna Park)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.19%	0.00%	0.00%	0.05%	0.00%	0.00%	0.00%	0.00%	0.19%	0.00%	0.05%
0.05%	0.05%	0.00%	0.00%	0.19%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	3.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.52%
1.52%	3.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1	3	0	0	2	0	0	0	0	0	0	1

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Number of Residential Trips Generated

Number of Commercial Trips Generated

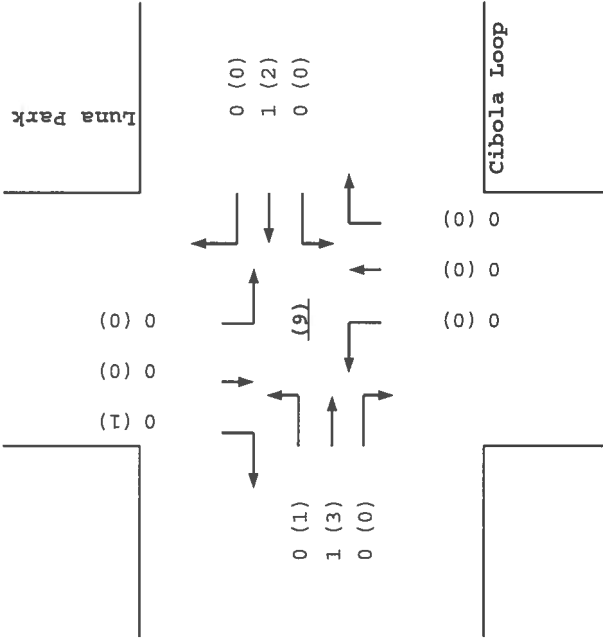
28 33 A.M. 100% Residential Development

57 39 P.M. 100% Commercial Development

29 19 A.M.

82 89 P.M.

Trips



Cibola Loop / Luna Park

Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Cibola Loop / Vista Driveway

INTERSECTION :

E-W Street: Cibola Loop

(10)

N-S Street: Vista Driveway

Growth Rates

6.90%			6.90%			6.90%			6.90%		
Eastbound (Cibola Loop)			Westbound (Cibola Loop)			Northbound (Vista Driveway)			Southbound (Vista Driveway)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.19%	0.00%	0.05%
0.05%	0.00%	0.00%	0.00%	0.38%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.03%
3.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1	0	0	0	0	0	0	0	0	0	0	1

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (Cibola Loop)			Westbound (Cibola Loop)			Northbound (Vista Driveway)			Southbound (Vista Driveway)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.19%	0.00%	0.05%
0.05%	0.00%	0.00%	0.00%	0.38%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.03%
3.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3	0	0	0	0	0	0	0	0	0	0	2

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

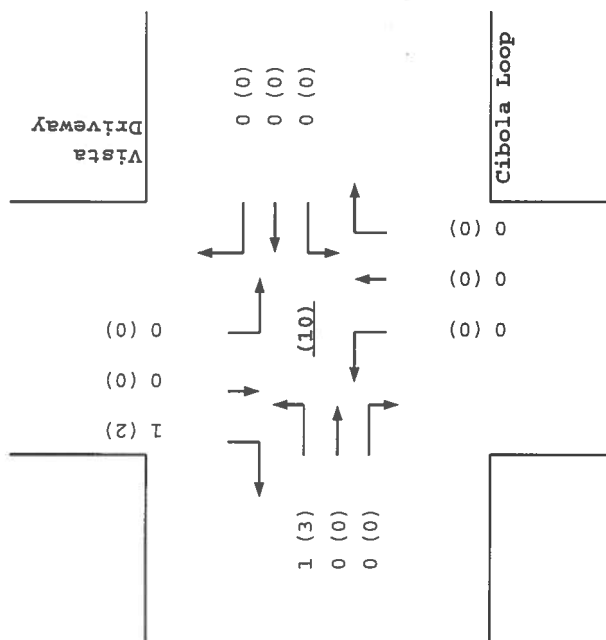
Number of Residential Trips Generated

28 33 A.M. 100% Residential Development

Number of Commercial Trips Generated

57 39 P.M.
29 19 A.M. 100% Commercial Development
82 89 P.M.

Trips



Cibola Loop / Vista Driveway

Cibola Loop Development (Ellison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Ellison Dr / Driveway 'A'

INTERSECTION : Ellison Dr (11)
E-W Street:
N-S Street:

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (Driveway 'A')			Southbound (Driveway 'A')		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	33.35%	0.00%	0.00%	0.00%	11.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.35%
0.00%	0.00%	0.00%	0.00%	0.00%	40.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	40.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.84%
0	17	0	0	0	15	0	0	0	0	0	16

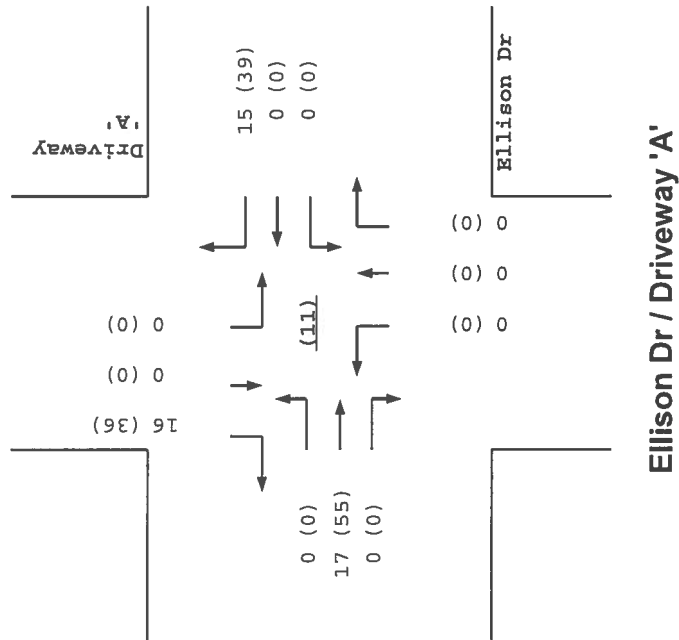
Percent Residential Trips Generated(Entering)
Percent Residential Trips Generated(Exiting)
Percent Commercial Trips Generated(Entering)
Percent Commercial Trips Generated(Exiting)
Total Trips Generated

Eastbound (Ellison Dr)			Westbound (Ellison Dr)			Northbound (Driveway 'A')			Southbound (Driveway 'A')		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	33.35%	0.00%	0.00%	0.00%	11.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.35%
0.00%	0.00%	0.00%	0.00%	0.00%	40.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	40.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.84%
0	55	0	0	0	39	0	0	0	0	0	36

Percent Residential Trips Generated(Entering)
Percent Residential Trips Generated(Exiting)
Percent Commercial Trips Generated(Entering)
Percent Commercial Trips Generated(Exiting)
Total Trips Generated

Number of Residential Trips Generated
28 33 A.M. 100% Residential Development
57 39 P.M.
Number of Commercial Trips Generated
29 19 A.M. 100% Commercial Development
82 89 P.M.

Trips



Cibola Loop Development (Elison Dr / Coors Bypass)

Projected Turning Movements Worksheet

Driveway 'B' / Cibola Loop

INTERSECTION :

Driveway 'B'

E-W Street:

(12)

N-S Street:

Cibola Loop

Eastbound (Driveway 'B')			Westbound (Driveway 'B')			Northbound (Cibola Loop)			Southbound (Cibola Loop)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.78%	0.00%	0.00%	0.00%	0.00%	0.57%
0.57%	0.00%	58.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	19	0	0	0	23	0	0	0	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Eastbound (Driveway 'B')			Westbound (Driveway 'B')			Northbound (Cibola Loop)			Southbound (Cibola Loop)		
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.78%	0.00%	0.00%	0.00%	0.00%	0.57%
0.57%	0.00%	58.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	23	0	0	0	46	0	0	0	0	0

Percent Residential Trips Generated(Entering)

Percent Residential Trips Generated(Exiting)

Percent Commercial Trips Generated(Entering)

Percent Commercial Trips Generated(Exiting)

Total Trips Generated

Number of Residential Trips Generated

28 33 A.M. 100% Residential Development

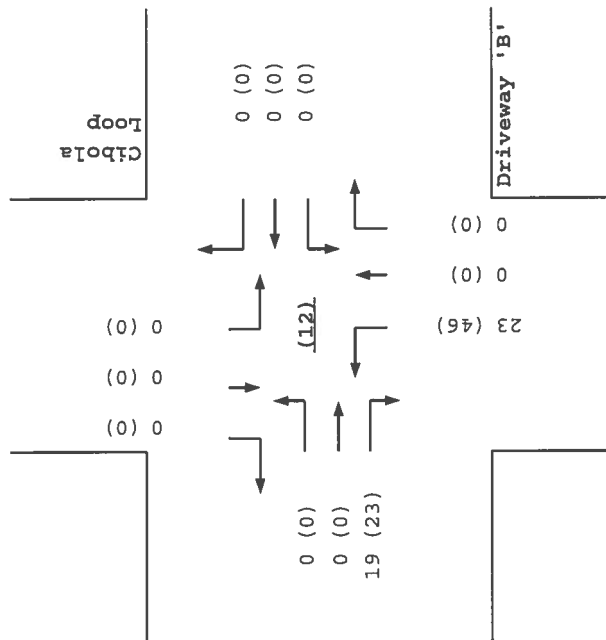
57 39 P.M.

Number of Commercial Trips Generated

29 19 A.M. 100% Commercial Development

82 89 P.M.

Trips



Driveway 'B' / Cibola Loop