

Table 1 - Land Uses and Traffic Generation

Zone/Block	Code	Land Use	Dwelling Units	Sq. ft.	Park Area ¹ (sq. ft.)	ITE Code ²	AM Peak			PM Peak			Daily Total
							Total	In	Out	Total	In	Out	
1a	3	Retail		11,882		820	10	6	4	35	17	18	408
1b	3	Retail		9,022		820	7	4	3	27	13	14	310
1c	3	Supermarket		62,396		850	179	109	70	524	267	257	5103
1d	3	Retail		13,283		820	11	6	4	40	19	20	456
1e	3	Retail		7,300		820	6	4	2	22	11	11	251
2a	3	Retail		5,248		820	4	3	2	16	8	8	180
2b	3	Retail		39,000		820	31	19	12	116	57	59	1340
2c	2	Daycare Center		10,320		565	101	54	48	103	48	55	654
2d	1	Senior Housing - Assisted Living	84			254	9	6	3	15	7	8	179
3a	1	Luxury Apartments / Townhomes	230			220	94	19	75	114	74	40	1224
3a	3	Retail		67,085		820	54	33	21	200	98	102	2305
3b	2	Government Office Building		49,107		730	231	194	37	48	15	33	2708
3c	0	Park & Ride (Northstar) ³											
4a	2	Clinic		50,092		720	92	73	19	139	37	101	1448
4b	3	Sit Down Restaurant		9,037		931	6	3	3	54	36	18	650
4c	3	Hotel ⁴		24,900		310	14	9	6	15	8	7	209
4d	2	Office Park		110,000		770	136	120	16	131	22	109	969
5a	2	Mortuary ⁵		17,598		710	3	2	1	17	6	11	139
5b	2	Business Park		93,871		770	107	90	17	97	22	75	958
6a	2	Office Park		44,827		770	56	49	7	53	9	44	395
6b	3	Retail		13,070		820	10	6	4	39	19	20	449
6c	2	General Office		17,987		710	22	20	3	21	4	18	158
6d	2	General Office		17,987		710	22	20	3	21	4	18	158
7a	2	Charter School ⁶		50,511		534	468	258	211	264	129	135	1405
7b	2	Medical Office		33,374		720	61	49	13	92	25	67	965
7c	3	Retail		24,780		820	20	12	8	74	36	38	851
8a	0	City Park w/ Lake			430,000								
8b	2	General Office		43,584		710	54	48	6	52	9	43	384
8c	2	General Office		43,584		710	54	48	6	52	9	43	384
9a	0	City Park w/ Lake			171,445								
9b	1	Apartments	95			220	39	8	31	47	31	16	505
9c	1	Apartments	200			220	82	16	65	99	64	35	1064
9d	2	General Office		59,696		710	74	65	9	71	12	59	526
9e	2	General Office		42,765		710	53	47	6	51	9	42	377
9f	2	General Office		59,208		710	73	65	9	71	12	59	522
10a	2	General Office		8,400		710	10	9	1	10	2	8	74
10a	1	Apartments	20			220	8	2	7	10	6	3	106
10b	2	General Office		8,400		710	10	9	1	10	2	8	74
10b	3	Specialty Retail		4,200		820	3	2	1	13	6	6	144
10b	1	Apartments	30			220	12	2	10	15	10	5	160
10c	1	Apartments - Senior	90			220	9	3	6	12	7	5	251
10c	1	Apartments	90			220	37	7	29	45	29	16	479
10d	2	General Office		11,500		710	14	13	2	14	2	11	101
10d	3	Specialty Retail		11,500		820	9	6	4	34	17	18	395
10e	2	General Office		8,500		710	11	9	1	10	2	8	75
10e	3	Specialty Retail		4,250		820	3	2	1	13	6	6	146
10f	2	General Office		11,900		710	15	13	2	14	2	12	105
10f	3	Specialty Retail		8,500		820	7	4	3	25	12	13	292
10f	1	Apartments	14			220	6	1	5	7	5	2	74
10g	3	Specialty Retail		7,600		820	6	4	2	23	11	12	261
10g	2	General Office		7,600		710	9	8	1	9	2	8	67
10g	1	Apartments	36			220	15	3	12	18	12	6	192
10h	3	Specialty Retail		6,300		820	5	3	2	19	9	10	216
10i	3	Specialty Retail		6,100		820	5	3	2	18	9	9	210
10i	2	General Office		6,100		710	8	7	1	7	1	6	54
10i	1	Apartments	26			220	11	2	8	13	8	5	138
11a	3	Specialty Retail		17,000		820	14	8	5	51	25	26	584
11a	1	Apartments	118			220	48	10	39	59	38	20	628
11b	2	General Office		11,000		710	14	12	2	13	2	11	97
11b	1	Apartments	26			220	11	2	8	13	8	5	138
11c	2	General Office		20,700		710	26	23	3	25	4	20	182
11c	1	Apartments	50			220	20	4	16	25	16	9	266
11d	2	General Office		10,700		710	13	12	2	13	2	11	94
11d	3	Specialty Retail		10,700		820	9	5	3	32	16	16	368
11d	1	Apartments	26			220	11	2	8	13	8	5	138
11e	2	General Office		5,900		710	7	6	1	7	1	6	52
11e	3	Specialty Retail		11,800		820	9	6	4	35	17	18	405
11e	1	Apartments	44			220	18	4	14	22	14	8	234
11f	3	Specialty Retail		11,800		820	9	6	4	35	17	18	405
11f	2	General Office		5,900		710	7	6	1	7	1	6	52
11f	1	Apartments	44			220	18	4	14	22	14	8	234
11g	0	City Park			82,804								
12a	3	Sit Down Restaurant		12,000		931	8	4	4	72	48	24	864
12b	3	Community Center		160,000		310	207	126	81	186	69	117	2929
13a	3	Retail		19,200		820	15	9	6	57	28	29	660
13b	3	Retail		16,664		820	13	8	5	50	24	25	572
14a	3	Gas Station w/Convenience Store ⁷		5,000		945	317	162	155	388	194	194	1563
14b	3	Retail		10,628		820	9	5	3	32	16	16	365

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							Total	In	Out	Total	In	Out	Total
14c	3	Fast Food Restaurant w/Drive-Through		4,800		934	190	97	93	129	67	62	1905
15	3	Shopping Center		135,986		820	109	66	42	406	199	207	4671
16	3	Retail		94,960		820	76	46	30	283	139	145	3262
17a	3	Sit Down Restaurant		6,000		931	4	2	2	36	24	12	432
17b	3	Sit Down Restaurant		5,470		931	4	2	2	33	22	11	394
17c	3	Sit Down Restaurant		5,470		931	4	2	2	33	22	11	394
17d	0	City Park w/ Lake			480,000								
18a	1	Condos	80			230	28	5	23	33	22	11	372
18b	1	Condos	69			230	24	4	20	29	19	9	321
18c	1	Condos	48			230	17	3	14	20	13	7	223
18d	1	Townhomes	32			230	11	2	9	13	9	4	149
19a	1	Townhomes	52			230	18	3	15	22	14	7	242
19b	1	Single Family - Detached	14			210	8	2	6	11	7	4	107
19c	1	Townhomes	31			230	11	2	9	13	9	4	144
20a	1	Townhomes	42			230	15	3	12	17	12	6	195
20b	1	Single Family - Detached	14			210	8	2	6	11	7	4	107
20c	1	Townhomes	28			230	10	2	8	12	8	4	130
21a	1	Townhomes	77			230	27	5	22	32	21	11	358
21b	1	Townhomes	90			230	32	5	26	37	25	12	418
22a	1	Single Family - Detached	23			210	14	3	10	19	12	7	176
22b	1	Townhomes	72			230	25	4	21	30	20	10	335
23a	1	Single Family - Detached	44			210	26	7	20	36	22	13	337
23b	1	Single Family - Detached	19			210	11	3	9	15	10	6	145
24a	1	Single Family - Detached	7			210	4	1	3	6	4	2	54
24b	0	City Park w/ Lake & Amphitheater			320,000								
24c	1	Single Family - Detached	17			210	10	3	8	14	9	5	130
Total			1,982	1,724,042	1,484,249		3,889	2,272	1,618	5,502	2,578	2,924	57,079
Residential Total (Code 1)			1,982	0			748	153	595	916	595	322	9,953
Office Total (Code 2)			0	861,111			1,755	1,326	429	1,422	395	1,027	13,177
Retail Total (Code 3)			0	862,931			1,386	792	594	3,164	1,588	1,576	33,949
			1,982	1,724,042			3,889	2,272	1,618	5,502	2,578	2,924	57,079

Notes:

¹ Due to the minimal amount of traffic generated by parks, they were not considered traffic generators in the original study. Likewise, parks are not considered traffic generators in this forecast.

² The trip generation was based on the methods and average rates published in the *Institute of Transportation Engineers (ITE) Trip Generation Manual, 8th Edition*.

³ The traffic generated by the park and ride was included in the analysis of the original study, however the unspecified volumes were added directly to the intersection traffic assignment instead of being listed with the other trip generation numbers. Accordingly, the traffic volumes generated by the park and ride facility are not considered with the rest of the generated traffic in this forecast.

⁴ The number of dwelling units (DU) for the hotel was obtained by proportioning the proposed hotel to the hotel in the original study via their respective footprints. The hotel was modeled as having 32 rooms.

⁵ Mortuary is assumed to operate similarly to a cemetery with 3 employees (ITE Land Use Code 566).

⁶ Currently, there is no data for daily traffic volumes generated by 534 - Private School (K-8). For public elementary, junior high, and high schools, the ratio of the total daily traffic to the A.M. peak hour traffic is approximately 3.0. The total daily traffic generated by the charter school was calculated by multiplying the A.M. peak hour traffic by a factor of 3.0.

⁷ Due to the lack of data for total weekday trips generated by 945 - Gas Station w/Convenience Store using square footage, the total weekday trips were calculated using the number of fueling positions. Based on the typical size of gas stations currently being constructed, it was assumed that new gas station will have 12 fueling positions.

The forecasts reflect a 20% internal capture rate consistent with the original AUAR's traffic impact study.