



November 20, 2020

Mr. Kevin Koch
Chairman Township of Clark
430 Westfield Avenue
Clark, NJ 07066

RE: *Trip Generation Statement*
Clark Promenade
52 Westfield Avenue
Clark Township, Union County, New Jersey

Dear Mr. Koch:

Kimley-Horn has prepared this Trip Generation Statement in support of the proposed mixed-use redevelopment project located at 52 Westfield Avenue, Clark Township, New Jersey. This statement is based upon the Layout and Materials Plan (Sheet C-3.0) dated November 11, 2020.

Development Conditions

The redevelopment project proposes to re-use the existing supermarket building (24,707 square feet) on-site as a mixed-use development consisting of 75 residential units and 7,850 square feet of retail space. The property is currently zoned as Retail within the Downtown Village District (DTV). Access to the site is proposed via four (4) driveways; two (2) proposed driveways on Joseph Street and two (2) existing driveways on Broadway. The redevelopment proposes 182 parking spaces, which exceeds the minimum parking requirements per the *Westfield Avenue Redevelopment Plan, Block 105 – Lots 2 and 26.01* dated April 4, 2019.

Westfield Avenue is classified as a Minor Arterial, Broadway is classified as a Major Collector, and Joseph Street is classified as a local road. Each roadway provides one travel lane in each direction within the project limits. On-street parking is permitted along the south side of Westfield Avenue and along both sides of Broadway with time of day and day of week restrictions. On-street parking is not permitted along Joseph Street. The posted speed limit on Westfield Avenue and Broadway is 25 MPH, with no speed limit posted on Joseph Street. Sidewalk is present along the site frontage. **Figure 1** illustrates an overview of the site vicinity.

Figure 1: Site Vicinity Map



Trip Generation Estimate

Trip generation estimates for the site were made utilizing data published in the Institute of Transportation Engineers' (ITE) Trip Generation Manual, 10th Edition, for the existing land use and the proposed mixed-use redevelopment. As shown in the **Attachments**, Land Use Code (LUC) 850: Supermarket was utilized for the existing conditions and LUC 221: Multifamily Housing (Mid-Rise) and LUC 820: Shopping Center were utilized for the proposed mixed-use redevelopment to provide a comparison of the number of net, new trips generated by the site. Due to the nature of the existing development (retail) and the proposed redevelopment (mixed-use), internal capture and pass-by capture were considered based upon the ITE Trip Generation Handbook, 3rd Edition.

Table 1 summarizes the comparison of the existing versus proposed net, new trips during the weekday PM peak hour of the adjacent street. Detailed trip generation information is provided in the **Attachments**.

Table 1: Trip Generation Comparison

Condition	Land Use(s)	PM Peak Hour Net, New Trips		
		Enter	Exit	Total
Existing	LUC 850: Supermarket (24,707 SF)	74	72	146
Proposed	LUC 221: Multifamily Housing (Mid-Rise) (75 DU)	25	19	44
	LUC 820: Shopping Center (7,850 SF)			
Net Change in Trips		-49	-53	-102

The proposed mixed-use redevelopment project is expected to generate approximately 100 fewer trips during the PM peak hour when compared to the supermarket use. NJDOT considers an increase of 100 trips or more to be significant during the peak hour. As shown above and documented in the Attachments, the proposed redevelopment site does not meet this threshold. Therefore, a detailed traffic study should not be required.

Conclusion

Based on the information provided above and attached, it has been concluded that the estimated traffic generated by the proposed mixed-use redevelopment will generate fewer trips than the supermarket use. Therefore, the mixed-use redevelopment project is anticipated to have a negligible impact on traffic operations within the immediate vicinity of the site.

Please contact me at 646.255.1121 or adam.gibson@kimley-horn.com should you have any questions or require additional information.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.



Adam Gibson, P.E.
Transportation Engineer

Attachments

Cc: Tony DiGiovanni
Mike Junghans, Kimley-Horn

ATTACHMENTS

11 x 17 physical copy is available in the Clerk's office.

Printed Wednesday, October 21, 2020 7:58:07 PM J:\ARCH\CLARK\CLARK Promenade, November 11, 2020 6:36:58 PM Cheryl, Jason

This document, together with the drawings and design presented herein, is an illustration of services, it is intended only for the specific project and shall not be taken as a contract. Review of and reliance on this document and drawings without independent investigation and reliance by Kimley-Horn and Associates, Inc. shall be at the client's sole risk. The drawings and design are not to be used for any other project without the written consent of Kimley-Horn and Associates, Inc.

CLARK PROMENADE, 105 LOG 2 & 26, CLARK, NEW JERSEY 07066

Parking Summary Chart

Description	Size		Spaces	
	Required	Provided	Required	Provided
STANDARD SPACES*	8' x 12'	8' x 12'	184	178
STANDARD ACCESSIBLE SPACES**	8' x 12'	8' x 12'	5	5
VAN ACCESSIBLE SPACES**	11' x 16'	11' x 16'	1	1
TOTAL SPACES			190	184

Parking Requirements*

Parking Requirements			
1 Standard Unit	2 Units	1.5 Standard Unit	0.5 Standard Unit
2 Standard Unit	84 sq. ft.	1.25 Standard Unit	42 sq. ft.
3 Standard Unit	126 sq. ft.	2.25 Standard Unit	90 sq. ft.
4 Standard Unit	168 sq. ft.	3.25 Standard Unit	132 sq. ft.
5 Standard Unit	210 sq. ft.	4.25 Standard Unit	174 sq. ft.
6 Standard Unit	252 sq. ft.	5.25 Standard Unit	216 sq. ft.
7 Standard Unit	294 sq. ft.	6.25 Standard Unit	258 sq. ft.
8 Standard Unit	336 sq. ft.	7.25 Standard Unit	300 sq. ft.
9 Standard Unit	378 sq. ft.	8.25 Standard Unit	342 sq. ft.
10 Standard Unit	420 sq. ft.	9.25 Standard Unit	384 sq. ft.
11 Standard Unit	462 sq. ft.	10.25 Standard Unit	426 sq. ft.
12 Standard Unit	504 sq. ft.	11.25 Standard Unit	468 sq. ft.
13 Standard Unit	546 sq. ft.	12.25 Standard Unit	510 sq. ft.
14 Standard Unit	588 sq. ft.	13.25 Standard Unit	552 sq. ft.
15 Standard Unit	630 sq. ft.	14.25 Standard Unit	594 sq. ft.
16 Standard Unit	672 sq. ft.	15.25 Standard Unit	636 sq. ft.
17 Standard Unit	714 sq. ft.	16.25 Standard Unit	678 sq. ft.
18 Standard Unit	756 sq. ft.	17.25 Standard Unit	720 sq. ft.
19 Standard Unit	798 sq. ft.	18.25 Standard Unit	762 sq. ft.
20 Standard Unit	840 sq. ft.	19.25 Standard Unit	804 sq. ft.
21 Standard Unit	882 sq. ft.	20.25 Standard Unit	846 sq. ft.
22 Standard Unit	924 sq. ft.	21.25 Standard Unit	888 sq. ft.
23 Standard Unit	966 sq. ft.	22.25 Standard Unit	930 sq. ft.
24 Standard Unit	1008 sq. ft.	23.25 Standard Unit	972 sq. ft.
25 Standard Unit	1050 sq. ft.	24.25 Standard Unit	1014 sq. ft.
26 Standard Unit	1092 sq. ft.	25.25 Standard Unit	1056 sq. ft.
27 Standard Unit	1134 sq. ft.	26.25 Standard Unit	1098 sq. ft.
28 Standard Unit	1176 sq. ft.	27.25 Standard Unit	1140 sq. ft.
29 Standard Unit	1218 sq. ft.	28.25 Standard Unit	1182 sq. ft.
30 Standard Unit	1260 sq. ft.	29.25 Standard Unit	1224 sq. ft.
31 Standard Unit	1302 sq. ft.	30.25 Standard Unit	1266 sq. ft.
32 Standard Unit	1344 sq. ft.	31.25 Standard Unit	1308 sq. ft.
33 Standard Unit	1386 sq. ft.	32.25 Standard Unit	1350 sq. ft.
34 Standard Unit	1428 sq. ft.	33.25 Standard Unit	1392 sq. ft.
35 Standard Unit	1470 sq. ft.	34.25 Standard Unit	1434 sq. ft.
36 Standard Unit	1512 sq. ft.	35.25 Standard Unit	1476 sq. ft.
37 Standard Unit	1554 sq. ft.	36.25 Standard Unit	1518 sq. ft.
38 Standard Unit	1596 sq. ft.	37.25 Standard Unit	1560 sq. ft.
39 Standard Unit	1638 sq. ft.	38.25 Standard Unit	1602 sq. ft.
40 Standard Unit	1680 sq. ft.	39.25 Standard Unit	1644 sq. ft.
41 Standard Unit	1722 sq. ft.	40.25 Standard Unit	1686 sq. ft.
42 Standard Unit	1764 sq. ft.	41.25 Standard Unit	1728 sq. ft.
43 Standard Unit	1806 sq. ft.	42.25 Standard Unit	1770 sq. ft.
44 Standard Unit	1848 sq. ft.	43.25 Standard Unit	1812 sq. ft.
45 Standard Unit	1890 sq. ft.	44.25 Standard Unit	1854 sq. ft.
46 Standard Unit	1932 sq. ft.	45.25 Standard Unit	1896 sq. ft.
47 Standard Unit	1974 sq. ft.	46.25 Standard Unit	1938 sq. ft.
48 Standard Unit	2016 sq. ft.	47.25 Standard Unit	1980 sq. ft.
49 Standard Unit	2058 sq. ft.	48.25 Standard Unit	2022 sq. ft.
50 Standard Unit	2100 sq. ft.	49.25 Standard Unit	2064 sq. ft.
51 Standard Unit	2142 sq. ft.	50.25 Standard Unit	2106 sq. ft.
52 Standard Unit	2184 sq. ft.	51.25 Standard Unit	2148 sq. ft.
53 Standard Unit	2226 sq. ft.	52.25 Standard Unit	2190 sq. ft.
54 Standard Unit	2268 sq. ft.	53.25 Standard Unit	2232 sq. ft.
55 Standard Unit	2310 sq. ft.	54.25 Standard Unit	2274 sq. ft.
56 Standard Unit	2352 sq. ft.	55.25 Standard Unit	2316 sq. ft.
57 Standard Unit	2394 sq. ft.	56.25 Standard Unit	2358 sq. ft.
58 Standard Unit	2436 sq. ft.	57.25 Standard Unit	2400 sq. ft.
59 Standard Unit	2478 sq. ft.	58.25 Standard Unit	2442 sq. ft.
60 Standard Unit	2520 sq. ft.	59.25 Standard Unit	2484 sq. ft.
61 Standard Unit	2562 sq. ft.	60.25 Standard Unit	2526 sq. ft.
62 Standard Unit	2604 sq. ft.	61.25 Standard Unit	2568 sq. ft.
63 Standard Unit	2646 sq. ft.	62.25 Standard Unit	2610 sq. ft.
64 Standard Unit	2688 sq. ft.	63.25 Standard Unit	2652 sq. ft.
65 Standard Unit	2730 sq. ft.	64.25 Standard Unit	2694 sq. ft.
66 Standard Unit	2772 sq. ft.	65.25 Standard Unit	2736 sq. ft.
67 Standard Unit	2814 sq. ft.	66.25 Standard Unit	2778 sq. ft.
68 Standard Unit	2856 sq. ft.	67.25 Standard Unit	2820 sq. ft.
69 Standard Unit	2898 sq. ft.	68.25 Standard Unit	2862 sq. ft.
70 Standard Unit	2940 sq. ft.	69.25 Standard Unit	2904 sq. ft.
71 Standard Unit	2982 sq. ft.	70.25 Standard Unit	2946 sq. ft.
72 Standard Unit	3024 sq. ft.	71.25 Standard Unit	2988 sq. ft.
73 Standard Unit	3066 sq. ft.	72.25 Standard Unit	3030 sq. ft.
74 Standard Unit	3108 sq. ft.	73.25 Standard Unit	3072 sq. ft.
75 Standard Unit	3150 sq. ft.	74.25 Standard Unit	3114 sq. ft.
76 Standard Unit	3192 sq. ft.	75.25 Standard Unit	3156 sq. ft.
77 Standard Unit	3234 sq. ft.	76.25 Standard Unit	3198 sq. ft.
78 Standard Unit	3276 sq. ft.	77.25 Standard Unit	3240 sq. ft.
79 Standard Unit	3318 sq. ft.	78.25 Standard Unit	3282 sq. ft.
80 Standard Unit	3360 sq. ft.	79.25 Standard Unit	3324 sq. ft.
81 Standard Unit	3402 sq. ft.	80.25 Standard Unit	3366 sq. ft.
82 Standard Unit	3444 sq. ft.	81.25 Standard Unit	3408 sq. ft.
83 Standard Unit	3486 sq. ft.	82.25 Standard Unit	3450 sq. ft.
84 Standard Unit	3528 sq. ft.	83.25 Standard Unit	3492 sq. ft.
85 Standard Unit	3570 sq. ft.	84.25 Standard Unit	3534 sq. ft.
86 Standard Unit	3612 sq. ft.	85.25 Standard Unit	3576 sq. ft.
87 Standard Unit	3654 sq. ft.	86.25 Standard Unit	3618 sq. ft.
88 Standard Unit	3696 sq. ft.	87.25 Standard Unit	3660 sq. ft.
89 Standard Unit	3738 sq. ft.	88.25 Standard Unit	3702 sq. ft.
90 Standard Unit	3780 sq. ft.	89.25 Standard Unit	3744 sq. ft.
91 Standard Unit	3822 sq. ft.	90.25 Standard Unit	3786 sq. ft.
92 Standard Unit	3864 sq. ft.	91.25 Standard Unit	3828 sq. ft.
93 Standard Unit	3906 sq. ft.	92.25 Standard Unit	3870 sq. ft.
94 Standard Unit	3948 sq. ft.	93.25 Standard Unit	3912 sq. ft.
95 Standard Unit	3990 sq. ft.	94.25 Standard Unit	3954 sq. ft.
96 Standard Unit	4032 sq. ft.	95.25 Standard Unit	3996 sq. ft.
97 Standard Unit	4074 sq. ft.	96.25 Standard Unit	4038 sq. ft.
98 Standard Unit	4116 sq. ft.	97.25 Standard Unit	4080 sq. ft.
99 Standard Unit	4158 sq. ft.	98.25 Standard Unit	4122 sq. ft.
100 Standard Unit	4200 sq. ft.	99.25 Standard Unit	4164 sq. ft.
101 Standard Unit	4242 sq. ft.	100.25 Standard Unit	4206 sq. ft.
102 Standard Unit	4284 sq. ft.	101.25 Standard Unit	4248 sq. ft.
103 Standard Unit	4326 sq. ft.	102.25 Standard Unit	4290 sq. ft.
104 Standard Unit	4368 sq. ft.	103.25 Standard Unit	4332 sq. ft.
105 Standard Unit	4410 sq. ft.	104.25 Standard Unit	4374 sq. ft.
106 Standard Unit	4452 sq. ft.	105.25 Standard Unit	4416 sq. ft.
107 Standard Unit	4494 sq. ft.	106.25 Standard Unit	4458 sq. ft.
108 Standard Unit	4536 sq. ft.	107.25 Standard Unit	4500 sq. ft.
109 Standard Unit	4578 sq. ft.	108.25 Standard Unit	4542 sq. ft.
110 Standard Unit	4620 sq. ft.	109.25 Standard Unit	4584 sq. ft.
111 Standard Unit	4662 sq. ft.	110.25 Standard Unit	4626 sq. ft.
112 Standard Unit	4704 sq. ft.	111.25 Standard Unit	4668 sq. ft.
113 Standard Unit	4746 sq. ft.	112.25 Standard Unit	4710 sq. ft.
114 Standard Unit	4788 sq. ft.	113.25 Standard Unit	4752 sq. ft.
115 Standard Unit	4830 sq. ft.	114.25 Standard Unit	4794 sq. ft.
116 Standard Unit	4872 sq. ft.	115.25 Standard Unit	4836 sq. ft.
117 Standard Unit	4914 sq. ft.	116.25 Standard Unit	4878 sq. ft.
118 Standard Unit	4956 sq. ft.	117.25 Standard Unit	4920 sq. ft.
119 Standard Unit	4998 sq. ft.	118.25 Standard Unit	4962 sq. ft.
120 Standard Unit	5040 sq. ft.	119.25 Standard Unit	5004 sq. ft.
121 Standard Unit	5082 sq. ft.	120.25 Standard Unit	5046 sq. ft.
122 Standard Unit	5124 sq. ft.	121.25 Standard Unit	5088 sq. ft.
123 Standard Unit	5166 sq. ft.	122.25 Standard Unit	5130 sq. ft.
124 Standard Unit	5208 sq. ft.	123.25 Standard Unit	5172 sq. ft.
125 Standard Unit	5250 sq. ft.	124.25 Standard Unit	5214 sq. ft.
126 Standard Unit	5292 sq. ft.	125.25 Standard Unit	5256 sq. ft.
127 Standard Unit	5334 sq. ft.	126.25 Standard Unit	5298 sq. ft.
128 Standard Unit	5376 sq. ft.	127.25 Standard Unit	5340 sq. ft.
129 Standard Unit	5418 sq. ft.	128.25 Standard Unit	5382 sq. ft.
130 Standard Unit	5460 sq. ft.	129.25 Standard Unit	5424 sq. ft.
131 Standard Unit	5502 sq. ft.	130.25 Standard Unit	5466 sq. ft.
132 Standard Unit	5544 sq. ft.	131.25 Standard Unit	5508 sq. ft.
133 Standard Unit	5586 sq. ft.	132.25 Standard Unit	5550 sq. ft.
134 Standard Unit	5628 sq. ft.	133.25 Standard Unit	5592 sq. ft.
135 Standard Unit	5670 sq. ft.	134.25 Standard Unit	5634 sq. ft.
136 Standard Unit	5712 sq. ft.	135.25 Standard Unit	5676 sq. ft.
137 Standard Unit	5754 sq. ft.	136.25 Standard Unit	5718 sq. ft.
138 Standard Unit	5796 sq. ft.	137.25 Standard Unit	5760 sq. ft.
139 Standard Unit	5838 sq. ft.	138.25 Standard Unit	5802 sq. ft.
140 Standard Unit	5880 sq. ft.	139.25 Standard Unit	5844 sq. ft.
141 Standard Unit	5922 sq. ft.	140.25 Standard Unit	5886 sq. ft.
142 Standard Unit	5964 sq. ft.	141.25 Standard Unit	5928 sq. ft.
143 Standard Unit	6006 sq. ft.	142.25 Standard Unit	5970 sq. ft.
144 Standard Unit	6048 sq. ft.	143.25 Standard Unit	6012 sq. ft.
145 Standard Unit	6090 sq. ft.	144.25 Standard Unit	6054 sq. ft.
146 Standard Unit	6132 sq. ft.	145.25 Standard Unit	6096 sq. ft.
147 Standard Unit	6174 sq. ft.	146.25 Standard Unit	6138 sq. ft.
148 Standard Unit	6216 sq. ft.	147.25 Standard Unit	6180 sq. ft.
149 Standard Unit	6258 sq. ft.	148.25 Standard Unit	6222 sq. ft.
150 Standard Unit	6300 sq. ft.	149.25 Standard Unit	6264 sq. ft.
151 Standard Unit	6342 sq. ft.	150.25 Standard Unit	6306 sq. ft.
152 Standard Unit	6384 sq. ft.	151.25 Standard Unit	6348 sq. ft.
153 Standard Unit	6426 sq. ft.	152.25 Standard Unit	6390 sq. ft.
154 Standard Unit	6468 sq. ft.	153.25 Standard Unit	6432 sq. ft.
155 Standard Unit	6510 sq. ft.	154.25 Standard Unit	6474 sq. ft.
156 Standard Unit	6552 sq. ft.	155.25 Standard Unit	6516 sq. ft.
157 Standard Unit	6594 sq. ft.	156.25 Standard Unit	6558 sq. ft.
158 Standard Unit	6636 sq. ft.	157.25 Standard Unit	6600 sq. ft.
159 Standard Unit	6678 sq. ft.	158.25 Standard Unit	6642 sq. ft.
160 Standard Unit	6720 sq. ft.	159.25 Standard Unit	6684 sq. ft.
161 Standard Unit	6762 sq. ft.	160.25 Standard Unit	6726 sq. ft.
162 Standard Unit	6804 sq. ft.	161.25 Standard Unit	6768 sq. ft.
163 Standard Unit	6846 sq. ft.	162.25 Standard Unit	6810 sq. ft.
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165 Standard Unit	6930 sq. ft.	164.25 Standard Unit	6894 sq. ft.
166 Standard Unit	6972 sq. ft.	165.25 Standard Unit	6936 sq. ft.
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171 Standard Unit	7182 sq. ft.	170.25 Standard Unit	7146 sq. ft.
172 Standard Unit	7224 sq. ft.	171.25 Standard Unit	7188 sq. ft.
173 Standard Unit	7266 sq. ft.	172.25 Standard Unit	7230 sq. ft.
174 Standard Unit	7308 sq. ft.	173.25 Standard Unit	7272 sq. ft.
175 Standard Unit	7350 sq. ft.	174.25 Standard Unit	7314 sq. ft.
176 Standard Unit	7392 sq. ft.	175.25 Standard Unit	7356 sq. ft.
177 Standard Unit	7434 sq. ft.	176.25 Standard Unit	7398 sq. ft.
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180 Standard Unit	7560 sq. ft.	179.25 Standard Unit	7524 sq. ft.
181 Standard Unit	7602 sq. ft.	180.25 Standard Unit	7566 sq. ft.
182 Standard Unit	7644 sq. ft.	181.25 Standard Unit	7608 sq. ft.
183 Standard Unit	7686 sq. ft.	182.25 Standard Unit	7650 sq. ft.
184 Standard Unit	7728 sq. ft.	183.25 Standard Unit	7692 sq. ft.
185 Standard Unit	7770 sq. ft.	184.25 Standard Unit	7734 sq. ft.
186 Standard Unit	7812 sq. ft.	185.25 Standard Unit	7776 sq. ft.
187 Standard Unit	7854 sq. ft.	186.25 Standard Unit	7818 sq. ft.
188 Standard Unit	7896 sq. ft.	187.25 Standard Unit	7860 sq. ft.
189 Standard Unit	7938 sq. ft.	188.25 Standard Unit	7902 sq. ft.
190 Standard Unit	7980 sq. ft.	189.25 Standard Unit	7944 sq. ft.
191 Standard Unit	8022 sq. ft.	190.25 Standard Unit	7986 sq. ft.
192 Standard Unit	8064 sq. ft.	191.25 Standard Unit	8028 sq. ft.
193 Standard Unit	8106 sq. ft.	192.25 Standard Unit	8070 sq. ft.
194 Standard Unit	8148 sq. ft.	193.25 Standard Unit	8112 sq. ft.
195 Standard Unit	8190 sq. ft.	194.25 Standard Unit	8154 sq. ft.
196 Standard Unit	8232 sq. ft.	195.25 Standard Unit	8196 sq. ft.
197 Standard Unit	8274 sq. ft.	196.25 Standard Unit	8238 sq. ft.
198 Standard Unit	8316 sq. ft.	197.25 Standard Unit	8280 sq. ft.
199 Standard Unit	8358 sq. ft.	198.25 Standard Unit	8322 sq. ft.
200 Standard Unit	8400 sq. ft.	199.25 Standard Unit	8364 sq. ft.
201 Standard Unit	8442 sq. ft.	200.25 Standard Unit	8406 sq. ft.
202 Standard Unit	8484 sq. ft.	201.25 Standard Unit	8448 sq. ft.
203 Standard Unit	8526 sq. ft.	202.25 Standard Unit	8490 sq. ft.
204 Standard Unit	8568 sq. ft.	203.25 Standard Unit	8532 sq. ft.
205 Standard Unit	8610 sq. ft.	204.25 Standard Unit	8574 sq. ft.
206 Standard Unit	8652 sq. ft.	205.25 Standard Unit	8616 sq. ft.
207 Standard Unit	8694 sq. ft.	206.25 Standard Unit	8658 sq. ft.
208 Standard Unit	8736 sq. ft.	207.25 Standard Unit	8700 sq. ft.
209 Standard Unit	8778 sq. ft.	208.25 Standard Unit	8742 sq. ft.
210 Standard Unit	8820 sq. ft.	209.25 Standard Unit	8784 sq. ft.
211 Standard Unit	8862 sq. ft.	210.25 Standard Unit	8826 sq. ft.
212 Standard Unit	8904 sq. ft.	211.25 Standard Unit	8868 sq. ft.
213 Standard Unit	8946 sq. ft.	212.25 Standard Unit	8910 sq. ft.
214 Standard Unit	8988 sq. ft.	213.25 Standard Unit	8952 sq. ft.
215 Standard Unit	9030 sq. ft.	214.25 Standard Unit	8994 sq. ft.
216 Standard Unit	9072 sq. ft.	215.25 Standard Unit	9036 sq. ft.
217 Standard Unit	9114 sq. ft.	216.25 Standard Unit	9078 sq. ft.
218 Standard Unit	9156 sq. ft.	217.25 Standard Unit	9120 sq. ft.
219 Standard Unit	9198 sq. ft.	218.25 Standard Unit	9162 sq. ft.
220 Standard Unit	9240 sq. ft.	219.25 Standard Unit	9204 sq. ft.
221 Standard Unit	9282 sq. ft.	220.25 Standard Unit	9246 sq. ft.
222 Standard Unit	9324 sq. ft.	221.25 Standard Unit	9288 sq. ft.
223 Standard Unit	9366 sq. ft.	222.25 Standard Unit	9330 sq. ft.
224 Standard Unit	9408 sq. ft.	223.25 Standard Unit	9372 sq. ft.
225 Standard Unit	9450 sq. ft.	224.25 Standard Unit	9414 sq. ft.
226 Standard Unit	9492 sq. ft.	225.25 Standard Unit	9456 sq. ft.
227 Standard Unit	9534 sq. ft.	226.25 Standard Unit	9498 sq. ft.
228 Standard Unit	9576 sq. ft.	227.25 Standard Unit	9540 sq. ft.
229 Standard Unit	9618 sq. ft.	228.25 Standard Unit	9582 sq. ft.
230 Standard Unit	9660 sq. ft.	229.25 Standard Unit	9624 sq. ft.
231 Standard Unit	9702 sq. ft.	230.25 Standard Unit	9666 sq. ft.
232 Standard Unit	9744 sq. ft.	231.25 Standard Unit	9708 sq. ft.
233 Standard Unit	9786 sq. ft.	232.25 Standard Unit	9750 sq. ft.
234 Standard Unit	9828 sq. ft.	233.25 Standard Unit	9792 sq. ft.
235 Standard Unit	9870 sq. ft.	234.25 Standard Unit	9834 sq. ft.
236 Standard Unit	9912 sq. ft.	235.25 Standard Unit	9876 sq. ft.
237 Standard Unit	9954 sq. ft.	236.25 Standard Unit	9918 sq. ft.
238 Standard Unit	9996 sq. ft.	237.25 Standard Unit	9960 sq. ft.
239 Standard Unit	10038 sq. ft.	238.25 Standard Unit	10002 sq. ft.
240 Standard Unit	10080 sq. ft.	239.25 Standard Unit	10044 sq. ft.
241 Standard Unit	10122 sq. ft.	240.25 Standard Unit	10086 sq. ft.
242 Standard Unit	10164 sq. ft.	241.25 Standard Unit	10128 sq. ft.
243 Standard Unit	10206 sq. ft.	242.25 Standard Unit	10170 sq. ft.
244 Standard Unit	10248 sq. ft.	243.25 Standard Unit	10212 sq. ft.
245 Standard Unit	10290 sq. ft.	244.25 Standard Unit	10254 sq. ft.
246 Standard Unit	10332 sq. ft.	245.25 Standard Unit	10296 sq. ft.
247 Standard Unit	10374 sq. ft.	246.25 Standard Unit	10338 sq. ft.
248 Standard Unit	10416 sq. ft.		

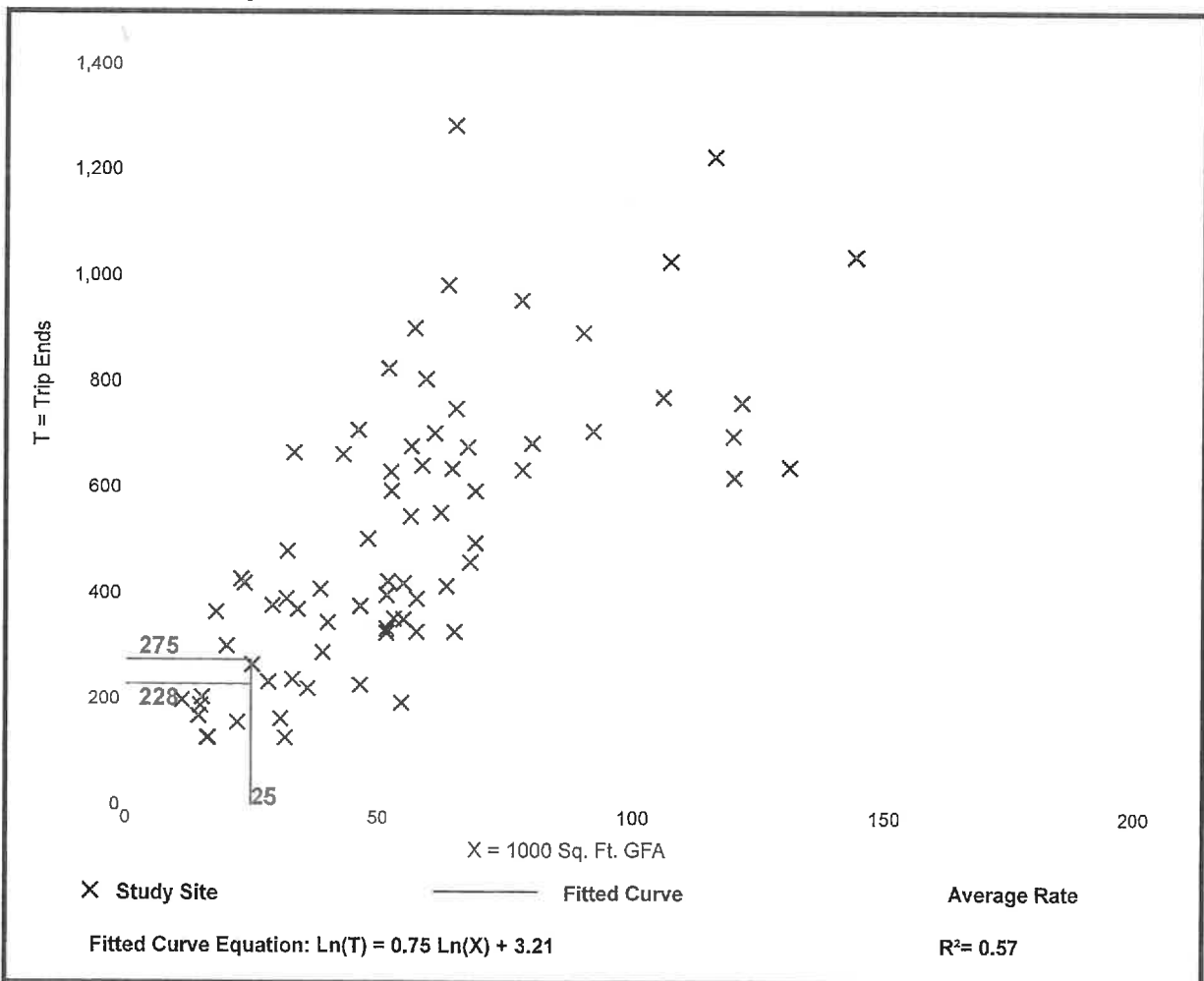
Supermarket (850)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
 On a: Weekday,
 Peak Hour of Adjacent Street Traffic,
 One Hour Between 4 and 6 p.m.
 Setting/Location: General Urban/Suburban
 Number of Studies: 73
 Avg. 1000 Sq. Ft. GFA: 55
 Directional Distribution: 51% entering, 49% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
9.24	3.53 - 20.30	3.69

Data Plot and Equation



Trip Gen Manual, 10th Edition • Institute of Transportation Engineers

Multifamily Housing (Mid-Rise) (221)

Vehicle Trip Ends vs: Dwelling Units

On a: Weekday,

Peak Hour of Adjacent Street Traffic,
One Hour Between 4 and 6 p.m.

Setting/Location: General Urban/Suburban

Number of Studies: 60

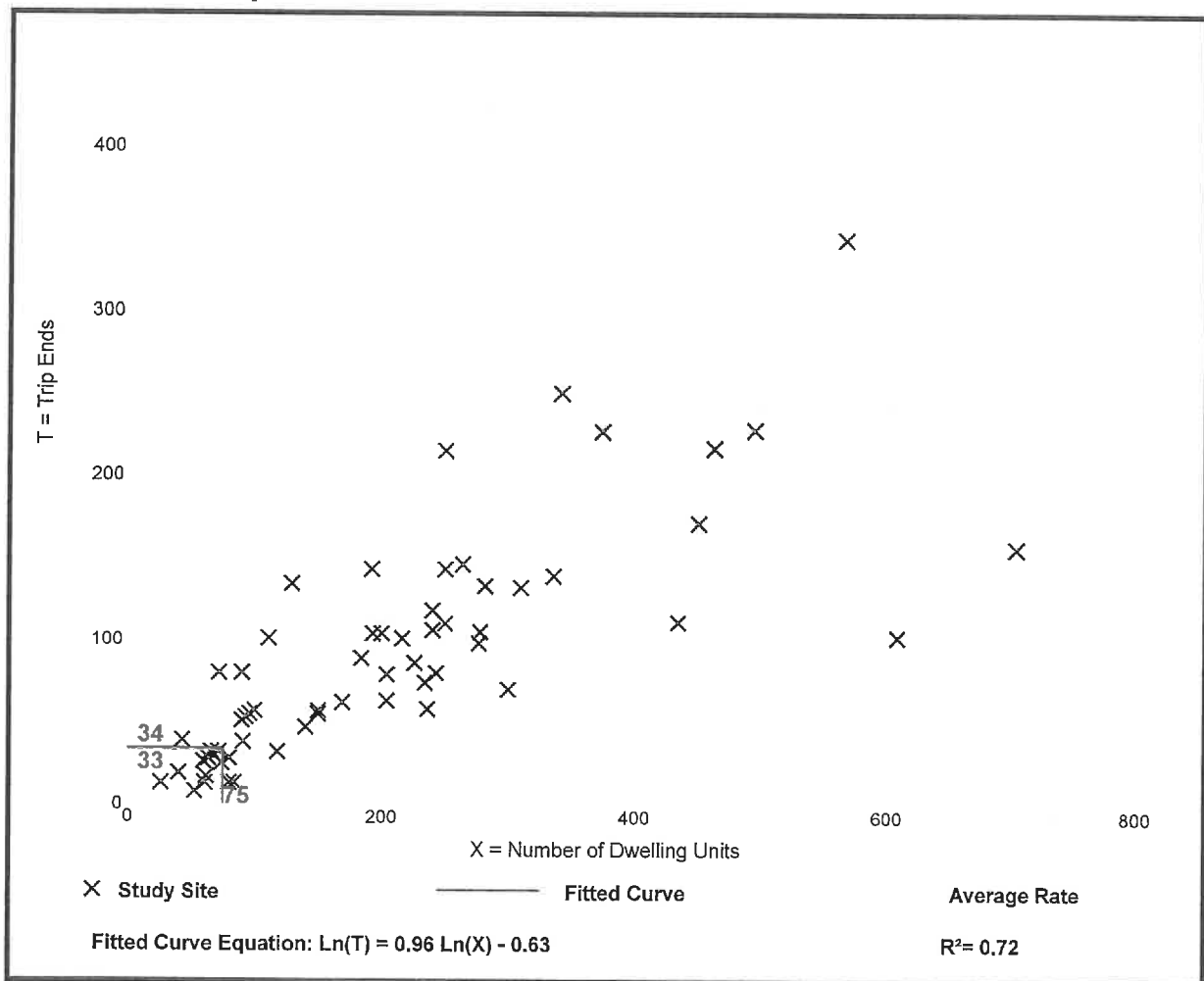
Avg. Num. of Dwelling Units: 208

Directional Distribution: 61% entering, 39% exiting

Vehicle Trip Generation per Dwelling Unit

Average Rate	Range of Rates	Standard Deviation
0.44	0.15 - 1.11	0.19

Data Plot and Equation



Trip Gen Manual, 10th Edition • Institute of Transportation Engineers

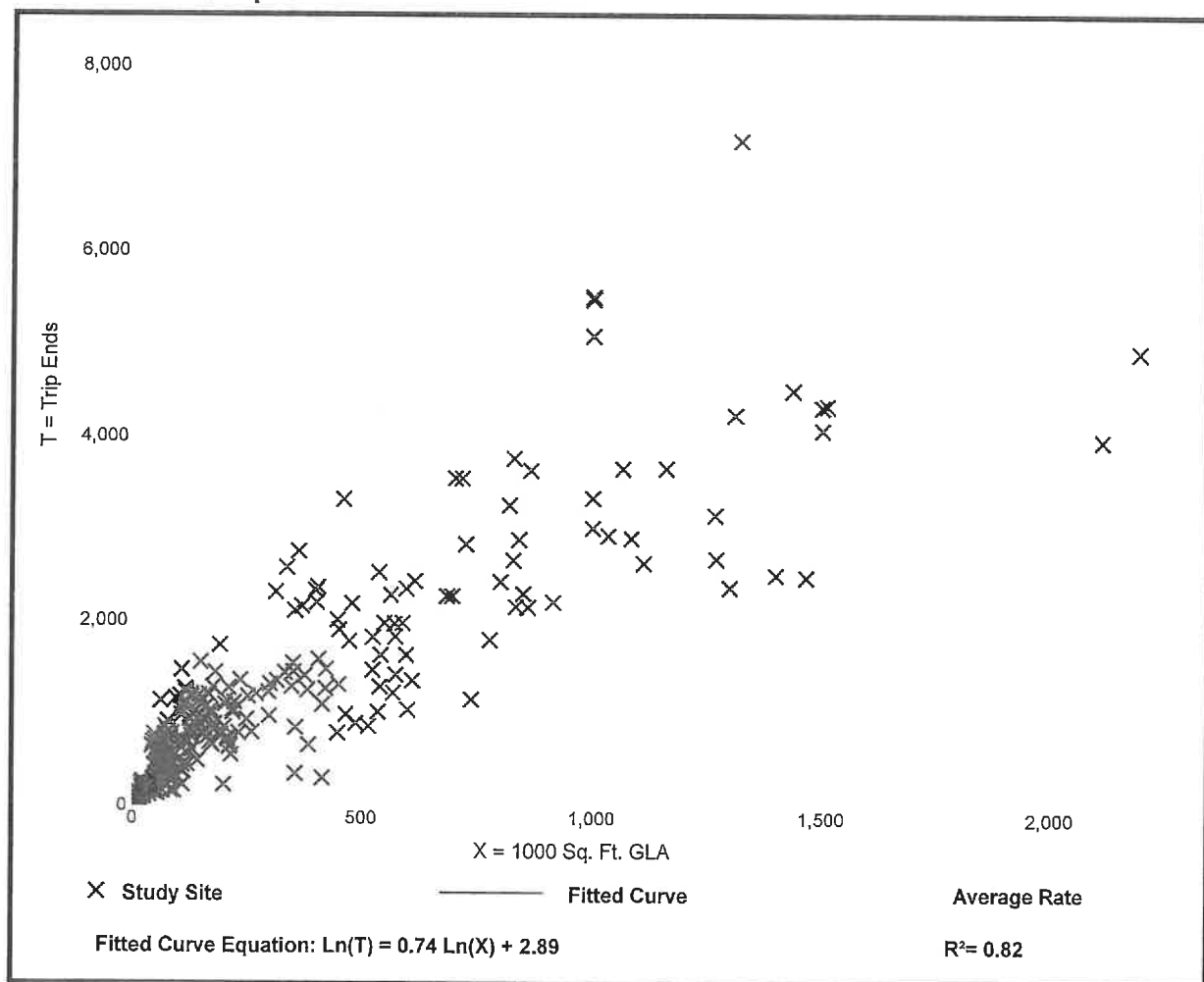
Shopping Center (820)

Vehicle Trip Ends vs: 1000 Sq. Ft. GLA
 On a: Weekday,
 Peak Hour of Adjacent Street Traffic,
 One Hour Between 4 and 6 p.m.
 Setting/Location: General Urban/Suburban
 Number of Studies: 261
 Avg. 1000 Sq. Ft. GLA: 327
 Directional Distribution: 48% entering, 52% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GLA

Average Rate	Range of Rates	Standard Deviation
3.81	0.74 - 18.69	2.04

Data Plot and Equation



Trip Gen Manual, 10th Edition • Institute of Transportation Engineers

Internal Capture Reduction Calculations

Methodology for A.M. Peak Hour and P.M. Peak Hour
based on the *Trip Generation Handbook*, 3rd Edition, published by the Institute of Transportation Engineers

Methodology for Daily
based on the average of the Unconstrained Rates for the A.M. Peak Hour and P.M. Peak Hour

SUMMARY

INPUT

GROSS TRIP GENERATION						
Land Use	Daily		A.M. Peak Hour		P.M. Peak Hour	
	Enter	Exit	Enter	Exit	Enter	Exit
Office						
Retail					14	16
Restaurant						
Cinema/Entertainment						
Residential					20	13
Hotel						
	0	0	0	0	34	29

OUTPUT

INTERNAL TRIPS						
Land Use	Daily		A.M. Peak Hour		P.M. Peak Hour	
	Enter	Exit	Enter	Exit	Enter	Exit
Office	0	0	0	0	0	0
Retail	0	0	0	0	1	4
Restaurant	0	0	0	0	0	0
Cinema/Entertainment	0	0	0	0	0	0
Residential	0	0	0	0	4	1
Hotel	0	0	0	0	0	0
	0	0	0	0	5	5
% Reduction	0.0%		0.0%		15.9%	

OUTPUT

EXTERNAL TRIPS						
Land Use	Daily		A.M. Peak Hour		P.M. Peak Hour	
	Enter	Exit	Enter	Exit	Enter	Exit
Office	0	0	0	0	0	0
Retail	0	0	0	0	13	12
Restaurant	0	0	0	0	0	0
Cinema/Entertainment	0	0	0	0	0	0
Residential	0	0	0	0	16	12
Hotel	0	0	0	0	0	0
	0	0	0	0	29	24

**Table E.9 Pass-By and Non-Pass-By Trips Weekday, PM Peak Period
Land Use Code 820—Shopping Center**

SITE #1000 ID #1 SLA#	LOCATION	WEEKDAY SURVEY DATE	NO. OF INTERVIEWS	TIME PERIOD	PASS-BY TRIP (%)	NON-PASS-BY TRIP (%)			ADJ. STREET PEAK HOUR VOLUME	AVERAGE 24 HOUR TRAFFIC	SOURCE
						PRIMARY	DIVERTED	TOTAL			
52	Port Orange, FL	1993	152	2:00-6:00 p.m.	59	—	—	41	—	—	TPD Inc.
9	Kissimmee, FL	1994	107	2:00-6:00 p.m.	66	20	14	34	—	—	TPD Inc.
77	Edgewater, FL	1992	365	2:00-6:00 p.m.	46	—	—	54	—	—	TPD Inc.
82	Deltona, FL	1992	336	2:00-6:00 p.m.	34	—	—	66	—	—	TPD Inc.
78	Orlando, FL	1991	732	2:00-6:00 p.m.	58	23	22	45	—	—	TPD Inc.
45	Orlando, FL	1992	844	2:00-6:00 p.m.	66	24	22	44	—	—	TPD Inc.
50	Orlando, FL	1992	555	2:00-6:00 p.m.	41	41	18	59	—	—	TPD Inc.
52	Orlando, FL	1995	585	2:00-6:00 p.m.	42	33	25	58	—	—	TPD Inc.
17	Orlando, FL	1994	198	2:00-6:00 p.m.	66	—	—	34	—	—	TPD Inc.
50	Orlando, FL	1995	1,593	3:00-7:00 p.m.	40	38	22	62	—	—	TPD Inc.
158	Greensboro, KY	June 1993	129	4:00-6:00 p.m.	36	39	25	54	750	—	Barton Aschman Assoc.
118	Louisville area, KY	June 1993	133	4:00-6:00 p.m.	22	51	27	78	3,555	—	Barton Aschman Assoc.
74	Louisville, KY	June 1993	187	4:00-6:00 p.m.	30	43	27	70	922	—	Barton Aschman Assoc.
59	Louisville area, KY	June 1993	247	4:00-6:00 p.m.	21	52	17	69	2,633	—	Barton Aschman Assoc.
145	Louisville area, KY	June 1993	210	4:00-6:00 p.m.	51	20	17	47	2,526	—	Barton Aschman Assoc.
104	Louisville area, KY	June 1993	291	4:00-6:00 p.m.	26	50	23	72	2,411	—	Barton Aschman Assoc.
235	Louisville, KY	June 1993	211	4:00-6:00 p.m.	35	29	26	65	2,823	—	Barton Aschman Assoc.
71	Louisville, KY	June 1993	189	4:00-6:00 p.m.	25	42	33	75	1,559	—	Barton Aschman Assoc.
250	Worcester, MA	Apr 1994	234	4:00-6:00 p.m.	18	45	37	80	3,112	—	ICSC
738	East Brunswick, NJ	Apr 1994	283	4:00-6:00 p.m.	14	79	7	86	8,058	—	ICSC
264	Philadelphia, PA	Apr 1994	213	4:00-6:00 p.m.	25	51	24	75	4,055	—	ICSC
256	Hamden, CT	Apr 1994	238	4:00-6:00 p.m.	27	51	22	72	3,422	—	ICSC
418	Glen Burnie, MD	Apr 1994	281	4:00-6:00 p.m.	20	51	29	80	5,610	—	ICSC
560	Hainsburg, VA	Apr 1994	437	4:00-6:00 p.m.	19	49	32	81	3,051	—	ICSC

**Table E.9 (Cont'd) Pass-By and Non-Pass-By Trips Weekday,
PM Peak Period Land Use Code 820—Shopping Center**

USE IT OR SO IT SLAY	LOCATION	WEEKDAY SURVEY DATE	NO. OF INTERVIEWS	TIME PERIOD	PASS-BY (TRIP-H)	NON-PASS-BY (TRIP-H)			ADJ. STREET PEAK HOUR VOLUME	AVERAGE 24 HOUR TRAFFIC	SOURCE
						PASSING	OVERTOOK	TOTAL			
267	West Haven, VA	Apr. 1994	216	4:00-6:00 p.m.	11	84	29	113	2,524	—	K&S
375	Shelby, NC	Mar. 1994	214	4:00-6:00 p.m.	35	46	22	103	3,953	—	K&S
413	Kenosha, IL	Mar. 1994	225	4:00-6:00 p.m.	26	51	20	97	2,881	—	K&S
488	Kenosha, IL	May 1994	257	4:00-6:00 p.m.	74	75	13	162	1,294	—	K&S
243	Bedford, IL	May 1994	282	4:00-6:00 p.m.	24	70	6	100	2,946	—	K&S
887	Eastland, IL	Mar. 1994	200	4:00-6:00 p.m.	76	53	21	150	2,179	—	K&S
225	Bedford, IL	Mar. 1994	254	4:00-6:00 p.m.	26	52	33	111	1,970	—	K&S
215	Bedford, IL	Mar. 1994	222	4:00-6:00 p.m.	24	29	29	82	2,708	—	K&S
828	Kenosha, IL	June 1994	242	4:00-6:00 p.m.	59	73	14	146	2,222	—	K&S
430	Bedford, IL	Mar. 1994	221	4:00-6:00 p.m.	32	49	28	109	2,781	—	K&S
820	Kenosha, IL	Mar. 1994	235	4:00-6:00 p.m.	21	51	26	98	1,474	—	K&S
220	Kenosha, IL	May 1994	255	4:00-6:00 p.m.	18	35	26	79	1,840	—	K&S
581	Kenosha, IL	Mar. 1994	236	4:00-6:00 p.m.	16	53	22	91	2,930	—	K&S
476	Bedford, IL	May 1994	234	4:00-6:00 p.m.	26	34	25	85	2,421	—	K&S
720	Bedford, IL	Dec. 1982	92	4:00-7:00 p.m.	25	20	35	80	—	72,628	Raymond Kaye Assoc.
826	Kenosha, IL	July 1984	179	5:00-8:00 p.m.	12	49	29	89	—	—	Raymond Kaye Assoc.
222	Kenosha, IL	June 1984	87	4:00-6:00 p.m.	48	43	27	118	—	—	Raymond Kaye Assoc.
422	Kenosha, IL	June 1985	115	5:00-7:00 p.m.	26	—	—	26	—	27,299	Raymond Kaye Assoc.
234	Kenosha, IL	Nov. 1982	161	4:00-7:00 p.m.	46	27	37	110	—	24,630	Raymond Kaye Assoc.
658	Kenosha, IL	Sept. 1984	242	3:00-6:00 p.m.	27	51	12	90	—	85,520	Raymond Kaye Assoc.
1,229	Kenosha, IL	1985	264	4:00-6:00 p.m.	26	26	40	92	—	—	Kenosha State
831	Kenosha, IL	—	1,206	4:00-6:00 p.m.	12	46	42	100	—	—	Fairfax
457	Kenosha, IL	—	—	5:00-8:00 p.m.	25	—	—	25	—	—	Kenosha
772	Kenosha, IL	—	—	5:00-6:00 p.m.	19	—	—	19	—	—	Kenosha

**Table E.9 (Cont'd) Pass-By and Non-Pass-By Trips Weekday, PM
Peak Period Land Use Code 820—Shopping Center**

SIZE (1,000 SQ. FT. GLA)	LOCATION	WEEKDAY SURVEY DATE	NO. OF INTERVIEWS	TIME PERIOD	PASS-BY TRIP (%)	NON-PASS-BY TRIP (%)			ADJ. STREET PEAK HOUR VOLUME	AVERAGE 24-HOUR TRAFFIC	SOURCE
						PRIMARY	DIVERTED	TOTAL			
620	Atlanta, MN	Nov. 1985	92	4:00-7:00 p.m.	44	26	30	66	—	26,170	Raymond Kevet Assoc.
736	Anniston, AL	Oct. 1985	282	3:30-7:00 p.m.	28	35	33	74	—	—	Raymond Kevet Assoc.
84	Asheville, NC	Aug. 1985	218	3:30-7:00 p.m.	50	6	44	50	—	—	Raymond Kevet Assoc.
500	Atlanta, GA	Apr. 1985	—	4:00-6:00 p.m.	8	—	—	92	—	—	Connecticut DOT
360	Enfield, CT	Apr. 1985	—	4:00-6:00 p.m.	22	—	—	78	—	—	Connecticut DOT
545	Waterford, CT	Apr. 1985	—	4:00-6:00 p.m.	14	—	—	86	—	—	Connecticut DOT
1,080	West Hartford, CT	Apr. 1985	—	4:00-6:00 p.m.	17	—	—	83	—	—	Connecticut DOT
131	Pt. George Co., MD	1982-83	88	4:00-6:00 p.m.	74	—	—	26	—	—	JMK
181	Pt. George Co., MD	1982-83	105	4:00-6:00 p.m.	36	—	—	64	—	—	JMK
160	Pt. George Co., MD	1982-83	92	4:00-6:00 p.m.	36	—	—	64	—	—	JMK
475	Pt. George Co., MD	1982-83	130	4:00-6:00 p.m.	20	—	—	80	—	—	JMK
80	Pt. George Co., MD	1982-83	72	4:00-6:00 p.m.	72	—	—	28	—	—	JMK
50	Pt. George Co., MD	1982-83	57	4:00-6:00 p.m.	58	—	—	42	—	—	JMK
78	Pt. George Co., MD	1982-83	115	4:00-6:00 p.m.	60	—	—	40	—	—	JMK
44	Pt. George Co., MD	1982-83	67	4:00-6:00 p.m.	57	—	—	43	—	—	JMK
667	Pt. George Co., MD	1982-83	96	4:00-6:00 p.m.	56	—	—	44	—	—	JMK
302	At. Orange, NJ	Mar. 1986	140	4:00-6:00 p.m.	36	19	45	62	—	21,520	Raymond Kevet Assoc.
176	Tarboro, Virginia, FL	Mar. 1986	124	3:30-7:00 p.m.	37	26	33	63	—	34,080	Raymond Kevet Assoc.
762	Orlando, FL	Fall 1985	192	4:00-6:00 p.m.	26	52	22	75	—	—	Kenny-Horn and Adson, Inc.
162	Orlando, FL	Fall 1985	124	4:00-6:00 p.m.	27	46	22	73	—	—	Kenny-Horn and Adson, Inc.
120	Orlando, FL	Fall 1985	118	4:00-6:00 p.m.	18	50	22	72	—	—	Kenny-Horn and Adson, Inc.
71	Orlando, FL	Fall 1985	67	4:00-6:00 p.m.	53	44	6	53	—	—	Kenny-Horn and Adson, Inc.

**Table E.9 (Cont'd) Pass-By and Non-Pass-By Trips Weekday, PM
Peak Period Land Use Code 820—Shopping Center**

SITE (LAWN SQ. FT. (A/L))	LOCATION	WEEKDAY SURVEY DATE	NO. OF INTERVIEWS	TIME PERIOD	PASS-BY TRIP (%)	NON-PASS-BY TRIP (%)			ADJ. STREET PEAK HOUR VOLUME	AVERAGE 24 HOUR TRAFFIC	SOURCE
						PRIMARY	DIVERTED	TOTAL			
101	Albany, NY	July 8, Aug. 1985	105	4:00-6:30 a.m.	23	42	25	37	—	62,950	Raymond Rivers Assoc.
108	Owensboro Park, MS	July 1988	111	4:30-6:30 p.m.	45	61	13	74	—	34,000	—
111	Owensboro Park, MS	Aug. 1988	121	4:30-6:30 p.m.	25	55	20	75	—	—	—
256	Graceto, NY	June 1988	130	4:00-6:30 p.m.	38	62	—	62	—	25,450	Seal Brown
160	Graceto, NY	June 1988	72	4:00-6:30 p.m.	25	71	—	71	—	57,300	Seal Brown
550	Graceto, NY	June 1988	117	4:00-6:30 p.m.	42	52	—	52	—	40,750	Seal Brown
61	Boca Raton, FL	Dec. 1987	110	4:00-6:30 p.m.	33	34	33	67	—	42,225	Kenny-Henderson Assoc. Inc.
1050	Rose Tau, PA	July 1988	411	2:00-6:30 p.m.	34	52	10	86	—	51,500	Wilbur Smith and Assoc.
97	Upper Dublin Twp, PA	Winter 1988/89	—	4:00-6:30 p.m.	41	—	—	50	—	34,000	McMahon Associates
112	Truckee/Tap, PA	Winter 1988/89	—	4:00-6:30 p.m.	24	—	—	75	—	10,000	Booz Allen & Hamilton
122	Leominster, NJ	Winter 1988/89	—	4:00-6:30 p.m.	37	—	—	30	—	20,000	Parsons Associates
126	Boca Raton, FL	Winter 1988/89	—	4:00-6:30 p.m.	42	—	—	57	—	40,000	McMahon Associates
151	Wilkes County, PA	Winter 1988/89	—	4:00-6:30 p.m.	39	—	—	81	—	25,000	Booz Allen & Hamilton
153	Brownsville, FL	Winter 1988/89	—	4:00-6:30 p.m.	50	—	—	50	—	65,000	McMahon Associates
153	Arden, DE	Winter 1988/89	—	4:00-6:30 p.m.	30	—	—	70	—	25,000	Cohn-Rodgers & Assoc. Inc.
154	Conestoga, PA	Winter 1988/89	—	4:00-6:30 p.m.	52	—	—	69	—	35,000	Cohn-Rodgers & Assoc. Inc.
164	Madison Twp, PA	Winter 1988/89	—	4:00-6:30 p.m.	33	—	—	67	—	25,000	Booz Allen & Hamilton
166	Madison Twp, NJ	Winter 1988/89	—	4:00-6:30 p.m.	20	—	—	80	—	5,000	Parsons Associates
209	Broward City, FL	Winter 1988/89	—	4:00-6:30 p.m.	52	—	—	45	—	52,000	McMahon Associates

**Table E.9 (Cont'd) Pass-By and Non-Pass-By Trips Weekday, PM Peak Period
Land Use Code 820—Shopping Center**

SITE (LAWN SQ. FT. (A/L))	LOCATION	WEEKDAY SURVEY DATE	NO. OF INTERVIEWS	TIME PERIOD	PASS-BY TRIP (%)	NON-PASS-BY TRIP (%)			ADJ. STREET PEAK HOUR VOLUME	AVERAGE 24 HOUR TRAFFIC	SOURCE
						PRIMARY	DIVERTED	TOTAL			
237	W. Windsor Twp, NJ	Winter 1988/89	—	4:00-6:00 p.m.	45	—	—	52	—	48,000	Booz Allen & Hamilton
242	Wilkes County, PA	Winter 1988/89	—	4:00-6:30 p.m.	37	—	—	63	—	25,000	McMahon Associates
297	Windsor, PA	Winter 1988/89	—	4:00-6:00 p.m.	33	—	—	67	—	25,000	Cohn-Rodgers & Assoc. Inc.
360	Broward City, FL	Winter 1988/89	—	4:00-6:00 p.m.	44	—	—	55	—	72,000	McMahon Associates
370	Pittsburgh, PA	Winter 1988/89	—	4:00-6:00 p.m.	19	—	—	81	—	33,000	Wilbur Smith
150	Portland, OR	—	519	4:00-6:00 p.m.	68	6	25	32	—	25,000	Wilbur Smith and Associates
150	Portland, OR	—	586	4:00-6:00 p.m.	65	7	28	35	—	30,000	Wilbur Smith and Associates
250	Canary Atlanta	Oct-Dec 1987	15,435	4:00-6:00 p.m.	29	39	41	80	—	—	City of Canary DOT
172	Springfield, NJ	Apr. 1989	154	2:00-6:00 p.m.	35	—	—	65	—	37,000	Raymond Rivers Assoc.
144	Manassas, VA	July 1988	176	3:30-6:15 p.m.	32	44	24	68	—	65,347	Raymond Rivers Assoc.
545	Nashua, NH	Feb. 1989	—	4:45-6:45 p.m.	33	25	41	67	—	48,732	Raymond Rivers Assoc.

Average Pass-By Trip Percentage: 34

“—” means no data were provided

**Table E.13 Pass-By and Non-Pass-By Trips Weekday, PM Peak Period
Land Use Code 850—Supermarket**

SIZE (1,000 SQ FT GFA)	LOCATION	WEEKDAY SURVEY DATE	NO. OF INTERVIEWS	TIME PERIOD	PASS-BY TRIP (%)	NON-PASS-BY TRIPS (%)			AVERAGE DAILY TRAFFIC	SOURCE
						PRIMARY	DIVERTED	TOTAL		
30	Overland Park, KS	1987	40	4:30-6:30 p.m.	32	48	20	68	—	—
<25	Chicago, suburbs, IL	1987	155	3:00-6:00 p.m.	56	—	—	41	—	Kang, Chicago Heights, Ill.
<25	Chicago, suburbs, IL	1987	151	3:00-6:00 p.m.	57	—	—	40	—	Kang, Chicago Heights, Ill.
<25	Chicago, suburbs, IL	1987	113	3:00-6:00 p.m.	58	—	—	44	—	Kang, Chicago Heights, Ill.
34	Omaha, NE	—	—	4:00-6:00 p.m.	44	29	27	56	15,200	University of Nebraska—Lincoln
66	Omaha, NE	—	—	4:00-6:00 p.m.	23	30	47	77	63,000	University of Nebraska—Lincoln
70	Omaha, NE	—	—	4:00-6:00 p.m.	26	30	44	74	34,300	University of Nebraska—Lincoln
31	Omaha, NE	—	—	4:00-6:00 p.m.	19	36	45	81	48,700	University of Nebraska—Lincoln
31	Omaha, NE	—	—	4:00-6:00 p.m.	28	40	32	72	23,500	University of Nebraska—Lincoln
66	Omaha, NE	—	—	4:00-6:00 p.m.	27	25	38	73	27,200	University of Nebraska—Lincoln
66	Omaha, NE	—	—	4:00-6:00 p.m.	28	25	50	79	44,700	University of Nebraska—Lincoln
31	Orlando, FL	1993	440	3:00-6:00 p.m.	35	—	—	65	—	TPC Inc.

Average Pass-By Trip Percentage: 36

“—” means no data were provided