## DAVID PLUMMER & ASSOCIATES, INC.

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# LETTER OF TRANSMITTAL

2149 McGregor Boulevard DATE: February 9, 2017 Job. No.: 15568 Fort Myers, Florida 33901 (239) 332-2617 Attention: Andy Getch, PE FAX: (239) 332-2645 E-Mail: dpafm@dplummer.com Re: CenterPlace Lee County DCD 1500 Monroe Street Fort Myers, FL 33901 Via: Hand Delivery We Are Sending You The Following Items: Attached □ Under Separate Cover □ Shop Drawings □ Prints □ Plans □ Samples □ Specifications □ Copy of Letter ☐ Change Order ⊠ Report □ Other:\_\_ COPIES DATE NO. DESCRIPTION 1 2/8/2017 Email from J. Podczerwinsky to County Staff with CenterPlace Comprehensive Plan Amendment Traffic Study Addendum attached - 74 pages 1 2/9/2017 Email from A. Getch - 3 pages These Are Transmitted as Checked Below: □ For Approval □ Approved as Submitted □ Resubmit \_\_\_\_ Copies for Approval □ For Your Use ☐ Approved as Noted □ Submit \_\_\_\_ Copies for Distribution □ As Requested □ Returned for Corrections Corrected Prints ☐ For Review and Comment □ Other:\_ ☐ For Bids Due □ Prints Returned After Loan To Us Remarks: As requested by Andy Getch, PE, Section Manager, Infrastructure Planning. To be included in the case file CPA2016-00011.

John Podczerwinsky, AICP

#### John Podczerwinsky

From:

John Podczerwinsky

Sent:

Wednesday, February 08, 2017 12:08 PM

To:

Cc:

'Getch, Andrew'; 'Wu, Lili' 'don@pegfl.net'; 'Charles Basinait'; Mark Gillis

Subject:

#15568; CenterPlace CPA Traffic Study Addendum (CPA2016-00011)

Attachments:

TrafficStudyAddendum 02082017.pdf

Andy, Wu,

Please find attached the CenterPlace Comprehensive Plan Amendment Traffic Study Addendum, which was prepared as a follow-up to our teleconference yesterday afternoon.

The attached .pdf document includes a summary of the revised development parameters and resulting trip generation estimate, which reflects lower external trips than those generated by the previous development parameters.

To reiterate my request from yesterday, once you have taken a look at the attachment, please provide your concurrence that there is no need to revise the segment analyses that have already been found sufficient for the CPA traffic study.

I plan to stop-by your office to deliver two printed copies of the addendum after lunch, and will be glad to address any other questions you might have at that time.

Thank you for your assistance,

### John M. Podczerwinsky, AICP

Project Manager Transportation

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# CENTERPLACE COMPREHENSIVE PLAN AMENDMENT TRAFFIC STUDY ADDENDUM



Project #15568

**February 8, 2017** 

Prepared by: DAVID PLUMMER & ASSOCIATES, INC. 2149 McGregor Boulevard Fort Myers, Florida 33901



# CENTERPLACE COMPREHENSIVE PLAN AMENDMENT TRAFFIC STUDY ADDENDUM

#### Introduction

CenterPlace is an approved mixed use development located on the south side of Alico Road and east of Ben Hill Griffin Parkway. An application to amend the comprehensive plan (The Lee Plan) to revise the approved development program is currently being processed.

A traffic study dated April 22, 2016 (CenterPlace Comprehensive Plan Amendment Traffic Study) was prepared in support of the Comprehensive Plan Amendment (CPA). The report titled CenterPlace CPA Response To Sufficiency Comments Of October 21, 2016 Lee County Department Of Community Development CPA2016-00011 Traffic Comments and dated November 17, 2016 was provided in response to County sufficiency comments and questions. The application has received sufficiency approval, allowing it to move forward to scheduled hearings at the Local Planning Agency (LPA).

Since being found sufficient, revisions to the development parameters outlined in the initial CPA traffic study have been proposed. Due to the revised development parameters, an update of the trip generation estimate used in the CPA traffic study is necessary in order to identify potential changes to the Project's traffic impacts. Therefore, this addendum to the CenterPlace Comprehensive Plan Amendment Traffic Study, dated April 22, 2016, (and subsequent sufficiency responses dated November 17, 2016), has been prepared in support of the Comprehensive Plan Amendment (CPA) application. This addendum revisits the trip generation estimates for both the Long Range 20-Year Horizon analysis, and the Short Range 5-Year CIP Horizon analysis.

#### **Summary of Conclusions**

The results of the updated trip generation analysis are summarized below.

- 1. The net external trips generated by the revised CenterPlace development parameters represent a reduction in trips when compared to the net external trips generated by the earlier development program. This reduction is found for both the long range and short range parameters.
- 2. Based on the finding that the revised development program generates fewer external trips than previously analyzed, no update of the road segment analysis is necessary for either the long range or short range analyses. The road segment analysis provided in the previous reports (the initial April 22, 2016 report and the subsequent sufficiency response report dated November 17, 2016) represent a "maximum impact" assessment.
- 3. No new road improvements are needed as a result of the proposed CPA.



#### **CPA Development Parameters**

The development parameters analyzed in the initial CPA traffic study included scenarios for both a long range (2040) analysis and a short range (2021) analysis of the development. Full build-out of CenterPlace was assumed for the long range analysis. The development parameters used in the initial CPA traffic study for both the long range and short range scenarios, as shown in Exhibit 3 of the CenterPlace CPA Transportation Methodology Outline, are included as Appendix A.

The revised development parameters are outlined as follows. The revised development parameters, along with the previously analyzed development parameters, are shown in Exhibit 1 of this addendum.

#### **CenterPlace Revised Development Parameters**

| Land Use                    | <b>Short Range</b> | <u>Buildout</u> |
|-----------------------------|--------------------|-----------------|
| Residential                 |                    |                 |
| Single-Family/Zero Lot Line | 225 du             | 487 du          |
| Apartments                  | 600 du             | 800 du          |
| Other Multi-Family          | <u>200 du</u>      | <u>663 du</u>   |
| Total                       | 1,025 du           | 1,950 du        |
| Hotel                       | -                  | 250 rooms       |
| Retail                      | 75,000 sq.ft.      | 200,000 sq.ft.  |
| Office                      |                    |                 |
| General                     | 55,000 sq.ft.      | 110,000 sq.ft.  |
| Medical                     | sq.ft.             | 10,000 sq.ft.   |
| Total                       | 55,000 sq.ft.      | 120,000 sq.ft.  |
| Research & Development      | 10,000 sq.ft.      | 20,000 sq.ft.   |

#### **Trip Generation**

Exhibit 2 shows the estimated trip generation for the revised CenterPlace buildout parameters. Exhibit 3 shows the estimated trip generation for the revised CenterPlace short-range development parameters. The trip generation estimates were based on ITE <u>Trip Generation</u>, 9<sup>th</sup> Edition, using the Online Traffic Impact Study Software (OTISS). The internal capture of trips has been developed consistent with the <u>NCHRP Report 684/8-51 Internal Trip Capture Estimation Tool</u>. The detailed AM peak hour and PM Peak hour OTISS worksheets, which include reductions for internal capture, are included in Appendix B for the long-range, buildout parameters and Appendix C for the short-range, five year parameters.



The trip generation associated with the long-range buildout development program reflected in the initial CPA traffic study (April 22, 2016 traffic study and November 17, 2016 sufficiency response) is derived from Exhibit 3 from the report titled <u>CenterPlace Rezoning Traffic Study</u>, dated Revised November 30, 2016, and included in Appendix D.

The trip generation associated with the short-range, five year analysis as reflected in the initial CPA traffic study (April 22, 2016 traffic study and November 17, 2016 sufficiency response) is shown in Exhibit 4 from the CPA Traffic Study dated April 22, 2016, is included in Appendix E.

As summarized below, the net external trips generated by the revised CenterPlace development parameters, in both the long-range and short-range scenarios, are less than those of the previous development parameters.

#### <u>Trip Generation Comparison</u> (Net New External)

|                             | PM Peak | <u>Daily</u> |
|-----------------------------|---------|--------------|
| Long-Range                  |         | ·            |
| Initial Development Program | 1,590   | 20,313       |
| Revised Development Program | 1,278   | 18,562       |
| Short-Range                 |         |              |
| Initial Development Program | 924     | 11,290       |
| Revised Development Program | 765     | 9,993        |

#### **Long-Range & Short-Range Analysis**

Based on the findings that the revised development program generates fewer external trips than the previous development program reflected in the CPA traffic study dated April 22, 2016 and the subsequent November 17, 2016 sufficiency response, no update of the road segment analysis is necessary for either the long range or short range analyses. The road segment analysis provided in the previous reports represent a "maximum impact" assessment.



**EXHIBIT 1** 

### CENTERPLACE CPA REVISED DEVELOPMENT PROGRAM

| Land Use                             | <u>Initial</u><br>Short-Range | Program    |             | Program    |
|--------------------------------------|-------------------------------|------------|-------------|------------|
| Land OSE                             | Short-Kange                   | Long-Range | Short-Range | Long-Range |
| Residential (du)                     |                               |            |             |            |
| Apartment                            | 1,000                         | 1,555      | 600         | 800        |
| Other Multi-Family                   | 0                             | 120        | 200         | 663        |
| Single Family – Zero Lot Line        | _200                          | <u>275</u> | _225        | <u>487</u> |
| Total                                | 1,200                         | 1,950      | 1,025       | 1,950      |
| Hotel (Rooms)                        | 0                             | 250        |             | 250        |
| Non-Residential                      |                               |            |             |            |
| Retail (Square Feet)                 | 75,000                        | 200,000    | 75,000      | 200,000    |
| General Office (Square Feet)         | 20,000                        | 75,000     | 55,000      | 110,000    |
| Research & Development (Square Feet) | 10,000                        | 20,000     | 10,000      | 20,000     |
| Medical Office (Square Feet)         | 0                             | 10,000     |             | 10,000     |

EXHIBIT 2

CENTERPLACE CPA - REVISED BUILDOUT

# ITE TRIP GENERATION REVISED TRIP GENERATION SCENARIO

|                               |            |                 | <u>AN</u> | PEAK      | <u>HOUR</u> | <u>PM</u> | PEAK       | <u>HOUR</u> | <u>DAILY</u> |
|-------------------------------|------------|-----------------|-----------|-----------|-------------|-----------|------------|-------------|--------------|
|                               | <u>LUC</u> | SIZE            | In        | Out       | Total       | In        | Out        | Total       | Total        |
| Residential                   |            |                 |           |           |             |           |            |             |              |
| Apartments                    | 220        | 800 d.u.        | 79        | 317       | 396         | 298       | 160        | 458         | 4,972        |
| Internal Capture              |            |                 | 2         | 10        | 12          | 130       | 70         | 200         | 1,161        |
| External                      |            |                 | 77        | 307       | 384         | 168       | 90         | 258         | 3,811        |
| Single Family - Zero Lot Line | 210        | 487 d.u.        | 88        | 263       | 351         | 275       | 162        | 437         | 4,506        |
| Internal Capture              |            |                 | 3         | 9         | 12          | 125       | 73         | 198         | 1,098        |
| External                      |            |                 | 85        | 254       | 339         | 150       | 89         | 239         | 3,408        |
| Multifamily                   | 230        | 663 d.u.        | 40        | 194       | 234         | 190       | 94         | 284         | 3,335        |
| Internal Capture              |            |                 | 2         | 7         | 9           | 97        | 48         | 145         | 915          |
| External                      |            |                 | 38        | 187       | 225         | 93        | 46         | 139         | 2,420        |
| Hotel                         | 310        | 250 rooms       | 78        | 55        | 133         | 77        | 73         | 150         | 1,864        |
| Internal Capture              |            |                 | 8         | 5         | 13          | 18        | 17         | 35          | 309          |
| External                      |            |                 | 70        | 50        | 120         | 59        | 56         | 115         | 1,555        |
| Retail                        | 820        | 200,000 sq. ft. | 148       | 90        | 238         | 457       | 496        | 953         | 10,656       |
| Internal Capture              |            | ·               | 23        | 14        | 37          | 267       | 289        | 556         | 3,937        |
| Pass-by                       |            |                 | 16        | 10        | 26          | 19        | 9          | 28          | 672          |
| External                      |            |                 | 109       | 66        | 175         | 171       | 198        | 369         | 6,048        |
| Office                        | 710        | 110,000 sq. ft. | 182       | 25        | 207         | 34        | 168        | 202         | 1,411        |
| Internal Capture              |            | •               | 29        | 4         | 33          | 12        | 57         | 69          | 353          |
| External                      |            |                 | 153       | 21        | 174         | 22        | 111        | 133         | 1,058        |
| Medical Office                | 720        | 10,000 sq. ft.  | 19        | 5         | 24          | 10        | 27         | 37          | 194          |
| Internal Capture              |            |                 | 5         | 1         | 6           | 7         | 20         | 27          | 95           |
| External                      |            |                 | 14        | 4         | 18          | 3         | 7          | 10          | 99           |
| Research & Development        | 760        | 20,000 sq. ft.  | 27        | 5         | 32          | 5         | 30         | 35          | 264          |
| Internal Capture              |            | -               | 5         | 1         | 6           | 3         | 17         | 20          | 100          |
| External                      |            |                 | 22        | 4         | 26          | 2         | 13         | 15          | 164          |
| TOTAL                         |            |                 | ((1       | 054       | 1.717       | 1045      |            |             |              |
| TOTAL                         |            |                 | 661       | 954       | 1,615       | 1,346     | 1,210      | 2,556       | 27,202       |
| INTERNAL CAPTURE              |            |                 | 77        | <u>51</u> | <u>128</u>  | 659       | <u>591</u> | 1,250       | <u>7,968</u> |
| DRIVEWAY VOLUME               |            |                 | 584       | 903       | 1,487       | 687       | 619        | 1,306       | 19,234       |
| PASS-BY                       |            |                 | <u>16</u> | <u>10</u> | <u>26</u>   | 19        | <u>9</u>   | <u>28</u>   | <u>672</u>   |
| NET NEW EXTERNAL              |            |                 | 568       | 893       | 1,461       | 668       | 610        | 1,278       | 18,562       |
| Multi-modal trips to FGCU (10 | )%)        |                 | 57        | 89        | 146         | 67        | 61         | 128         | 1,856        |
| External trips                |            |                 | 511       | 804       | 1,315       | 601       | 549        | 1,150       | 16,706       |
| Percent Peak to Daily         |            |                 |           |           | 7.9%        |           |            | 6.9%        |              |

#### <u>Footnotes</u>

(1) ITE Trip Generation, 9th Edition, using OTISS software.

**EXHIBIT 3** CENTERPLACE CPA - REVISED SHORT RANGE

#### ITE TRIP GENERATION REVISED TRIP GENERATION SCENARIO

|                               |            |                | <u>AM</u> | PEAK F    | <u>IOUR</u> | <u>PM</u> | PEAK       | HOUR       | DAILY      |
|-------------------------------|------------|----------------|-----------|-----------|-------------|-----------|------------|------------|------------|
|                               | <u>LUC</u> | SIZE           | In        | Out       | Total       | In        | Out        | Total      | Total      |
| Residential                   |            |                |           |           |             |           |            |            |            |
| Apartments                    | 220        | 600 d.u.       | 60        | 238       | 298         | 226       | 122        | 348        | 3,760      |
| Internal Capture              |            |                | 1         | 5         | 6           | 65        | 35         | 100        | 578        |
| External                      |            |                | 59        | 233       | 292         | 161       | 87         | 248        | 3,182      |
| Single Family - Zero Lot Line | 210        | 225 d.u.       | 42        | 125       | 167         | 137       | 81         | 218        | 2,215      |
| Internal Capture              |            |                | 1         | 4         | 5           | 58        | 34         | 92         | 501        |
| External                      |            |                | 41        | 121       | 162         | 79        | 47         | 126        | 1,714      |
| Multifamily                   | 230        | 200 d.u.       | 15        | 75        | 90          | 71        | 35         | 106        | 1,176      |
| Internal Capture              |            |                | 1         | 3         | 3           | 35        | 17         | 52         | 308        |
| External                      |            |                | 14        | 72        | 86          | 36        | 18         | 54         | 868        |
| Hotel                         | 310        | 0 rooms        | 0         | 0         | 0           | 0         | 0          | 0          | 0          |
| Internal Capture              |            |                | 0         | 0         | 0           | 0         | 0          | 0          | 0          |
| External                      |            |                | 0         | 0         | 0           | 0         | 0          | 0          | 0          |
| Retail                        | 820        | 75,000 sq. ft. | 81        | 50        | 131         | 237       | 257        | 494        | 5,633      |
| Internal Capture              |            |                | 10        | 6         | 16          | 122       | 132        | 254        | 1,792      |
| Pass-by                       |            |                | 9         | 6         | 15          | 11        | 6          | 17         | 387        |
| External                      |            |                | 62        | 38        | 100         | 104       | 119        | 223        | 3,454      |
| Office                        | 710        | 55,000 sq. ft. | 105       | 14        | 119         | 24        | 116        | 140        | 833        |
| Internal Capture              |            |                | 14        | 2         | 16          | 6         | 31         | 37         | 166        |
| External                      |            |                | 91        | 12        | 103         | 18        | 85         | 103        | 667        |
| Medical Office                | 720        | 0 sq. ft.      | 0         | 0         | 0           | 0         | 0          | 0          | 0          |
| Internal Capture              |            |                | 0         | 0         | 0           | 0         | 0          | 0          | 0          |
| External                      |            |                | 0         | 0         | 0           | 0         | 0          | 0          | 0          |
| Research & Development        | 760        | 10,000 sq. ft. | 15        | 3         | 18          | 3         | 17         | 20         | 149        |
| Internal Capture              |            |                | 2         | 0         | 2           | 1         | 8          | 9          | 42         |
| External                      |            |                | 13        | 3         | 16          | 2         | 9          | 11         | 107        |
|                               |            |                |           |           |             |           |            |            |            |
| TOTAL                         |            |                | 318       | 505       | 823         | 698       | 628        | 1,326      | 13,766     |
| INTERNAL CAPTURE              |            |                | <u>29</u> | <u>20</u> | <u>48</u>   | 287       | <u>257</u> | <u>544</u> | 3,387      |
| DRIVEWAY VOLUME               |            |                | 289       | 485       | 775         | 411       | 371        | 782        | 10,379     |
| PASS-BY                       |            |                | 9         | <u>6</u>  | <u>15</u>   | 11        | <u>6</u>   | <u>17</u>  | <u>387</u> |
| NET NEW EXTERNAL              |            |                | 280       | 479       | 759         | 400       | 365        | 765        | 9,993      |
| Multi-modal trips to FGCU (10 | )%)        |                | 28        | 48        | 76          | 40        | 37         | 77         | 999        |
| External trips                |            |                | 252       | 431       | 683         | 360       | 329        | 689        | 8,993      |
| Percent Peak to Daily         |            |                |           |           | 7.6%        |           |            | 7.7%       | •          |

Footnotes
(1) ITE Trip Generation, 9th Edition, using OTISS software.

# APPENDIX A

EXHIBIT 3
CENTERPLACE COMPREHENSIVE PLAN AMENDMENT
TRANSPORTATION METHODOLOGY OUTLINE

# CENTERPLACE COMPREHENSIVE PLAN AMENDMENT TRANSPORTATION METHODOLOGY OUTLINE

Project No. 15568

Prepared by:

DAVID PLUMMER & ASSOCIATES, INC.

2149 McGregor Boulevard Fort Myers, Florida 33901

March 7, 2016



Exhibit 3
Proposed Development Program

| Land Use                         | <u> 5 Year</u> | <u>Buildout</u> |
|----------------------------------|----------------|-----------------|
| Residential                      |                |                 |
| Apartment<br>Multi-Family (Coach | 1,000          | 1,555           |
| Homes)                           | 0              | 120             |
| Single Family                    | 200            | <u>275</u>      |
| Total:                           | 1,200          | 1,950           |
| Hotel                            | 0              | 250             |
| Non-Residential                  |                |                 |
| Retail                           | 75,000         | 200,000         |
| Office                           | 20,000         | 75,000          |
| R&D                              | 10,000         | 20,000          |
| Medical Office                   | 0              | 10,000          |
| Total:                           | 105,000        | 305,000         |

# APPENDIX B

 $\frac{\text{BUILDOUT (2040) OTISS WORKSHEETS}}{\text{REVISED DEVELOPMENT PROGRAM}}$ 

# AM PEAK

#### PERIOD SETTING

| Analysis Name :                                 | AM Peak Ho                              | ur       |   |  |              |            |       |
|---|---|----------|---|--|--------------|------------|-------|
| Project Name :                                  | CenterPlace<br>Buildout 2               | - Revise | l No:   | 1  | 5568         |            |       |
| Date:   | 2/7/2017                                |          | City:   |  |              |            |       |
| State/Province:                                 |   |          | Zip/Post  | al Code:                                     |              |            |       |
| Country:  |   |          | Client Na   | ime:   |              |            |       |
| Analyst's Name:                                 | JP                                      |          | Edition:  | ï  | FE-TGM 9     | th Editio  | n     |
| Land Use  | Independent<br>Variable                 | Size     | Time Period   | Method                                       | Entry        | Exit       | Total |
| 220 - Apartment                                 | Dwelling Units                          | 800      | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Belween 7 and 9<br>a.m. | Best Fit (LIN)<br>T = 0.49 (X)+3.73          | 79<br>20%    | 317<br>80% | 396   |
| 230 - Residential<br>Condominium/Townhou<br>- 1 | Dwelling Units<br>use                   | 663      | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Belween 7 and 9<br>a.m. | Best Fit (LOG)<br>Ln(T) = 0.8Ln(X) +0.2      | 40<br>6 17%  | 194<br>83% | 234   |
| 310 - Hotel                                     | Rooms                                   | 250      | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Between 7 and 9<br>a.m. | Average<br>0.53                              | 78<br>59%    | 55<br>41%  | 133   |
| 820 - Shopping Center                           | 1000 Sq. Feet<br>Gross Leasable<br>Area | 200      | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Between 7 and 9<br>a.m. | Best Fit (LOG)<br>Ln(T) = 0.61Ln(X)<br>+2.24 | 148<br>62%   | 90<br>38%  | 238   |
| 710 - General Office<br>Building                | 1000 Sq. Feet<br>Gross Floor Area       | 110      | Weekday, A.M.<br>Peak Hour of<br>Generator  | Best Fit (LOG)<br>Ln(T) = 0.8Ln(X) +1.5      | 182<br>7 88% | 25<br>12%  | 207   |
| 760 - Research and<br>Development Center        | 1000 Sq. Feet<br>Gross Floor Area       | 20(0)    | Weekday, A.M.<br>Peak Hour of<br>Generator  | Best Fit (LOG)<br>Ln(T) = 0.87Ln(X)<br>+0.86 | 27<br>84%    | 5<br>16%   | 32    |
| 210 - Single-Family<br>Detached Housing         | Dwelling Units                          | 487      | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Between 7 and 9<br>a.m. | Best Fit (LIN)<br>T = 0.7 (X)+9.74           | 88<br>25%    | 263<br>75% | 351   |
| 720 - Medical-Dental<br>Office Building         | 1000 Sq. Feet<br>Gross Floor Area       | 10       | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Belween 7 and 9<br>a.m. | Average<br>2.39                              | 19<br>79%    | 5<br>21%   | 24    |
| (0) indicates size out of                       | f range.                                |          | The time perio  | ds do not match.                             |              |            |       |

TRAFFIC REDUCTIONS

| Land Use                                    | Entry<br>Redu |   | Adjusted Entry | Exit R | eduction | Adjusted Exit |
|---|---------------|---|----------------|--------|----------|---------------|
| 220 - Apartment                             | 0             | % | 79             | . 0    | %        | 317           |
| 230 - Residential Condominium/Townhouse - 1 | 0             | % | 40             | 0      | %        | 194           |
| 310 - Hotel                                 | 0             | % | 78             | 0      | %        | 55            |
| 820 - Shopping Center                       | 0             | % | 148            | :0     | %        | 90            |
| 710 - General Office Building               | 0             | % | 182            | , 0    | %        | 25            |
| 760 - Research and Development Center       | 0             | % | 27             | 0      | %        | 5             |
| 210 - Single-Family Detached Housing        | 0             | % | 88             | 0      | %        | 263           |
| 720 - Medical-Dental Office Building        | 0             | % | 19             | ÷ 0    | %        | 5             |

#### INTERNAL TRIPS

| 220 - Apartment |               |            |       |                | 230 - Residential C | ondor   | niniu   | n/Tov   | /nhouse   | - 1 |
|-----------------|---------------|------------|-------|----------------|---------------------|---------|---------|---------|-----------|-----|
| Exit 317        | Demand Exit:  | ; <b>0</b> | % (0) | Balanced:<br>0 | Demand Entry:       | : 0     | %       | (0)     | Entry     | 40  |
| Entry 79        | Demand Entry: | 0          | % (0) | Balanced;<br>0 | Demand Exit:        | 0       | :%      | (0)     | Exit      | 194 |
| 220 - Apartment |               |            |       |                |                     |         |         |         | 310 - Ho  | tel |
| Exit 317        | Demand Exit:  | - 0        | % (0) | Balanced:<br>0 | Demand Entry:       | .0      | %       | (0)     | Entry     | 78  |
| Entry 79        | Demand Entry: | 0          | % (0) | Balanced:<br>0 | Demand Exit:        | 0       | %       | (0)     | Exit      | 55  |
| 220 - Apartment |               |            |       |                |                     | i       | 820 - : | Shopp   | ing Cent  | ter |
| Exit 317        | Demand Exit:  | . 1        | % (3) | Balanced:<br>3 | Demand Entry:       | .17     | %       | (25)    | Entry     | 148 |
| Entry 79        | Demand Entry: | · 2        | % (2) | Balanced:<br>2 | Demand Exit:        | 14      | :%      | (13)    | Exit      | 90  |
| 220 - Apartment | :             |            |       |                | ;                   | 710 - 0 | 3enera  | al Offi | ce Buildi | пg  |
| Exit 317        | Demand Exit:  | .2         | % (6) | Balanced:<br>5 | Demand Entry:       | 3       | %       | (5)     | Entry     | 182 |
| Entry 79        | Demand Entry: | . 0        | % (0) | Balanced:<br>0 | Demand Exit:        | 1       | %       | (0)     | Exit      | 25  |
| 220 - Apartment | 1             |            |       |                | 760 - Resea         | rch an  | d Dev   | elopn   | nent Cent | ter |
| Exit 317        | Demand Exit:  | 2          | % (6) | Balanced:<br>1 | Demand Entry:       | 3       | %       | (1)     | Entry     | 27  |
| Entry 79        | Demand Entry: | 0          | % (0) | Balanced:<br>0 | Demand Exit:        | 1       | %       | (0)     | Exit      | 5   |
| 220 - Apartment | t.            |            |       |                | 210 - Sing          | le-Far  | nily D  | etach   | ed Housi  | ng  |

| Exit  | 317  | Demand Exit:  | .0   | % (0)   | Balanced:<br>0  | Demand Entry:  | 0  | .%                              | (O)   | Entry   | 88  |
|---|--|---|--|---|---|--|--|---------------------------------|---|---|---|
| Entry   | 79   | Demand Entry:   | . 0  | ·% (0)  | Balanced:<br>0  | Demand Exit:   | 0  | ·%                              | (0)   | Exit  | 263   |
| 220 - /   | Apartment  |   |  |   |   | 720 - Me   | dical-                                       | Denta                           | ıl Office   | e Buildi  | ng  |
| Exit  | 317  | Demand Exit:  | . 2  | % (6)   | Balanced:<br>1  | Demand Entry:  | 3  | %                               | (1)   | Entry   | 19  |
| Entry   | 79   | Demand Entry:   | 0  | % (0)   | Balanced:<br>0  | Demand Exit:   | 1  | ·%                              | (0)   | Exit  | 5   |
| 230 - 1   | Residential  | l Condominium/  | Townh  | ouse - 1  |   |  |  |                                 | 3   | 10 - Ho   | tel   |
| Exit  | 194  | Demand Exit:  | 0  | % (0)   | Balanced:<br>0  | Demand Entry:  | . 0  | %                               | (0)   | Entry   | 78  |
| Entry   | 40   | Demand Entry:   | 0  | % (0)   | Balanced:<br>0  | Demand Exit:   | 0  | .%                              | (0)   | Exit  | 55  |
| 230 - 1   | Residential  | l Condominium/  | Townh  | ouse - 1  |   |  | 8  | 320 - 9                         | Shoppi  | ng Cent   | er  |
| Exit  | 194  | Demand Exit:  | .1   | .% (2)  | Balanced:<br>2  | Demand Entry:  | 17   | %                               | (25)  | Entry   | 148   |
| Entry   | 40   | Demand Entry:   | · 2  | % (1)   | Balanced:<br>1  | Demand Exit:   | 14   | %                               | (13)  | Exit  | 90  |
| 230 - 1   | Residentia   | l Condominium/  | Townh  | ouse - 1  |   | 7  | 10 - G                                       | enera                           | l Office  | e Buildi  | ng  |
| Exit  | 194  | Demand Exit:  | 2  | % (4)   | Balanced <sup>.</sup>   | Demand Entry:  | ;3   | %                               | (5)   | Entry   | 182   |
| Entry   | 40   | Demand Entry:   | : <sub>0</sub>                                 | ·% (0)  | Balanced:<br>0  | Demand Exit:   | <sub>;</sub> 1                               | .%                              | (0)   | Exit  | 25  |
|   |  |   |  |   |   |  |  |                                 |   |   |   |
| 230 - 1   | Residentia   | l Condominium/  | Townh  | ouse - 1  |   | 760 - Resear   | ch and                                       | d Dev                           | elopme  | ent Cent  | ter   |
| 230 - I<br>Exit   | Residentia<br>194  | l Condominium/<br>Demand Exit   | Townh  | ouse - 1<br>% (4)                                       | Balanced:   | 760 - Resear<br>Demand Entry:  | :  |                                 | elopme  | ent Cent<br>Entry   |   |
|   | 194  |   |  |   |   |  | :  | <b>%</b>                        | •   |   |   |
| Exit<br>Entry   | 194<br>40  | Demand Exit   | 0  | % (4)<br>% (0)  | 1<br>Balanced:  | Demand Entry:  | ; 3<br>1                                     | %                               | (1)<br>(0)  | Entry<br>Exit   | 27<br>5                                       |
| Exit<br>Entry   | 194<br>40  | Demand Exit  Demand Entry:  | 0  | % (4)<br>% (0)  | 1<br>Balanced:  | Demand Entry:  | 3<br>1<br>le-Fam                             | %<br>%<br>Hly De                | (1)<br>(0)  | Entry<br>Exit   | 27<br>5<br>ng                                 |
| Exit<br>Entry<br>230 - 1  | 194<br>40<br>Residentia<br>194   | Demand Exit Demand Entry:   Condominium/  | 2<br>0<br>Townh                                | % (4)<br>% (0)<br>ouse - 1                              | 1<br>Balanced:<br>0<br>Balanced:  | Demand Entry: Demand Exit: 210 - Sing  | 3<br>1<br>le-Fam                             | %<br>nily Do                    | (1)<br>(0)<br>etached                             | Entry<br>Exit<br>Housi  | 27<br>5<br>ng                                 |
| Exit Entry 230 - I Exit Entry                                       | 194<br>40<br>Residentia<br>194<br>40   | Demand Exit  Demand Entry:  I Condominium/  Demand Exit   | 2<br>0<br>Townh<br>. 0                         | % (4) % (0)  ouse - 1 % (0) % (0)                       | Balanced: 0 Balanced: 0 Balanced:                                       | Demand Entry:  Demand Exit:  210 - Sing  Demand Entry:   | 3<br>1<br>1e-Fam<br>0                        | %<br>nily Do                    | (1)<br>(0)<br>etacher<br>(0)<br>(0)               | Entry Exit Housi Entry Exit   | 27<br>5<br>ng<br>88<br>263                    |
| Exit Entry 230 - I Exit Entry                                       | 194<br>40<br>Residentia<br>194<br>40   | Demand Exit  Demand Entry:  Condominium/ Demand Exit:  Demand Entry:  | 2<br>0<br>Townh<br>. 0                         | % (4) % (0)  ouse - 1 % (0) % (0)                       | Balanced: 0 Balanced: 0 Balanced:                                       | Demand Entry:  Demand Exit:  210 - Sing  Demand Entry:  Demand Exit:   | 3<br>1<br>1e-Fam<br>0                        | %<br>nily Do                    | (1)<br>(0)<br>etacher<br>(0)<br>(0)               | Entry Exit Housi Entry Exit   | 27<br>5<br>ng<br>88<br>263                    |
| Exit Entry 230 - 1 Exit Entry 230 - 1                               | 194<br>40<br>Residentia<br>194<br>40<br>Residentia                             | Demand Exit  Demand Entry:  Condominium/ Demand Exit:  Demand Entry:  Condominium/  | 2<br>0<br>Townh<br>0<br>0<br>Townh             | % (4) % (0)  ouse - 1 % (0) % (0)  ouse - 1             | Balanced: 0 Balanced: 0 Balanced: 0 Balanced:                           | Demand Entry:  Demand Exit:  210 - Sing  Demand Entry:  Demand Exit:  720 - Me   | 3 1 le-Fam 0 0                               | % Hily Do :% Denta              | (1) (0) etached (0) (0)                           | Entry Exit Housi Entry Exit Exit  | 27<br>5<br>ng<br>88<br>263                    |
| Exit Entry 230 - 1 Exit Entry 230 - 1                               | 194<br>40<br>Residentia<br>194<br>40<br>Residentia<br>194<br>40                | Demand Exit  Demand Entry:  Condominium/ Demand Exit:  Demand Entry:  Condominium/ Demand Exit.                                   | 2<br>0<br>Townh<br>0<br>0<br>Townh             | % (4) % (0)  ouse - 1 % (0) % (0)  ouse - 1 .% (4)      | Balanced: 0 Balanced: 0 Balanced: 1 Balanced:                           | Demand Entry:  Demand Exit:  210 - Sing Demand Entry:  Demand Exit:  720 - Me Demand Entry:  | 3 1 le-Fam 0 0 sedical-                      | % Mily Do % Denta               | (1)<br>(0)<br>etacher<br>(0)<br>(0)<br>(1)<br>(1) | Entry Exit Housin Entry Exit Buildin                                    | 27<br>5<br>nng<br>88<br>263<br>nng<br>19      |
| Exit Entry 230 -   Exit Entry 230 -   Exit Entry                    | 194<br>40<br>Residentia<br>194<br>40<br>Residentia<br>194<br>40                | Demand Exit  Demand Entry:  Condominium/ Demand Exit:  Demand Entry:  Condominium/ Demand Exit.                                   | 2<br>0<br>Townh<br>0<br>0<br>Townh             | % (4) % (0)  ouse - 1 % (0) % (0)  ouse - 1 .% (4)      | Balanced: 0 Balanced: 0 Balanced: 1 Balanced:                           | Demand Entry:  Demand Exit:  210 - Sing Demand Entry:  Demand Exit:  720 - Me Demand Entry:  | 3 1 le-Fam 0 0 sedical-                      | % Mily Do % Denta               | (1)<br>(0)<br>etacher<br>(0)<br>(0)<br>(1)<br>(1) | Entry Exit Housi Entry Exit Buildi Entry Exit                           | 27<br>5<br>nng<br>88<br>263<br>nng<br>19      |
| Exit Entry 230 - 1 Exit Entry 230 - 1 Exit Entry 310 - 1            | 194<br>40<br>Residentia<br>194<br>40<br>Residentia<br>194<br>40<br>Hotel<br>55 | Demand Exit  Demand Entry:  I Condominium/  Demand Exit:  Demand Entry:  I Condominium/  Demand Exit:  Demand Exit:  Demand Exit: | 2<br>0<br>(Townh<br>0<br>0<br>(Townh<br>2<br>0 | % (4) % (0)  ouse - 1 % (0) % (0)  ouse - 1 % (4) % (0) | Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 1 Balanced: 0 | Demand Entry:  210 - Sing Demand Entry:  Demand Exit:  720 - Me Demand Entry:  Demand Exit:  Demand Exit:                            | 1 1 0 0 0 ddical-                            | % % % Denta % % % %             | (1) (0) etached (0) (0) (1) (0) Shoppi            | Entry Exit Housin Entry Exit Buildin Entry Exit Entry Exit              | 27<br>5<br>88<br>263<br>19<br>5               |
| Exit Entry 230 -   Exit Entry 230 -   Exit Entry 310 -   Exit       | 194<br>40<br>Residentia<br>194<br>40<br>Residentia<br>194<br>40<br>Hotel<br>55 | Demand Exit  Demand Entry:  Gondominium/ Demand Exit:  Demand Entry:  Condominium/ Demand Exit:  Demand Entry:  Demand Entry:     | 2<br>0<br>(Townh<br>0<br>0<br>(Townh<br>2<br>0 | % (4) % (0) ouse - 1 % (0) % (0) ouse - 1 .% (4) % (0)  | Balanced: 0 Balanced: 0 Balanced: 1 Balanced: 0 Balanced: 6 Balanced:   | Demand Entry:  210 - Sing Demand Entry:  Demand Exit:  720 - Me Demand Entry: Demand Exit:  Demand Exit:  Demand Exit:  Demand Exit: | 3 1 0 0 odical-3 3 4 0                       | % % % Denta % % % %             | (1) (0) (0) (0) (0) (1) (1) (0) (6) (0) (0)       | Entry Exit Housing Entry Exit Building Entry Exit Entry Exit Entry Exit | 27<br>5<br>88<br>263<br>19<br>5<br>ter<br>148 |
| Exit Entry 230 -   Exit Entry 230 -   Exit Entry 310 -   Exit Entry | 194<br>40<br>Residentia<br>194<br>40<br>Residentia<br>194<br>40<br>Hotel<br>55 | Demand Exit  Demand Entry:  Gondominium/ Demand Exit:  Demand Entry:  Condominium/ Demand Exit:  Demand Entry:  Demand Entry:     | 2<br>0<br>(Townh<br>0<br>0<br>(Townh<br>2<br>0 | % (4) % (0) ouse - 1 % (0) % (0) ouse - 1 .% (4) % (0)  | Balanced: 0 Balanced: 0 Balanced: 1 Balanced: 0 Balanced: 6 Balanced:   | Demand Entry:  210 - Sing Demand Entry:  Demand Exit:  720 - Me Demand Entry: Demand Exit:  Demand Exit:  Demand Exit:  Demand Exit: | 3 1 1 le-Fam 0 0 0 dical-3 3 1 4 0 0 710 - G | % % % Denta % % % % % % seenera | (1) (0) (0) (0) (0) (1) (1) (0) (6) (0) (0)       | Entry Exit Housi Entry Exit e Buildi Entry Exit Entry Exit Entry Exit   | 27<br>5<br>88<br>263<br>19<br>5<br>ter<br>148 |

| 310 - Hotel     |                   |        |                            | 760 - Resear  | ch and         | i Developm   | ent Cen   | te <i>r</i> |
|-----------------|-------------------|--------|----------------------------|---------------|----------------|--------------|-----------|-------------|
| Exit 55         | Demand Exit: 75   | % (41) | Balanced:<br>†             | Demand Entry: | :3             | % (1)        | Entry     | 27          |
| Entry 78        | Demand Entry: - 0 | % (0)  | Balanced:<br>0             | Demand Exit:  | 0              | % (0)        | Exit      | 5           |
| 310 - Hotel     |                   |        |                            | 210 - Singl   | e-Fam          | ily Detache  | d Housi   | ng          |
| Exit 55         | Demand Exit: 0    | % (0)  | Balanced <sup>-</sup><br>0 | Demand Entry: | 0              | % (0)        | Entry     | 88          |
| Entry 78        | Demand Entry: 0   | % (0)  | Balanced:<br>0             | Demand Exit:  | 0              | % (0)        | Exit      | 263         |
| 310 - Hotel     |                   |        |                            | 720 - Me      | dical-[        | Dental Offic | e Buildi  | ng          |
| Exit 55         | Demand Exit: 75   | % (41) | Balanced:<br>1             | Demand Entry: | 13             | % (1)        | Entry     | 19          |
| Entry 78        | Demand Entry: 0   | % (0)  | Balanced:<br>0             | Demand Exit:  | 0              | % (0)        | Exit      | 5           |
| 820 - Shopping  | j Center          |        |                            | 7             | 10 - G         | eneral Offic | e Buildi  | ng          |
| Exit 90         | Demand Exit: 29   | % (26) | Balanced:<br>7             | Demand Entry: | 4              | .% (7)       | Entry     | 182         |
| Entry 148       | Demand Entry: 32  | % (47) | Balanced:<br>7             | Demand Exit:  | 28             | ·<br>% (7)   | Exit      | 25          |
| 820 - Shopping  | g Center          |        |                            | 760 - Resear  | ch and         | i Developm   | ient Cen  | ter         |
| Exit 90         | Demand Exit: 29   | % (26) | Balanced:<br>1             | Demand Entry: | : 4            | % (1)        | Entry     | 27          |
| Entry 148       | Demand Entry: 32  | % (47) | Balanced:<br>1             | Demand Exil:  | 28             | % (1)        | Exit      | 5           |
| 820 - Shopping  | g Center          |        |                            | 210 - Singl   | le-Fam         | ily Detache  | ed Housi  | ng          |
| Exit 90         | Demand Exit: 14   | % (13) | Balanced:<br>2             | Demand Entry: | · <b>2</b>     | % (2)        | Entry     | 88          |
| Entry 148       | Demand Entry: 17  | % (25) | Balanced:<br>3             | Demand Exit:  | 1              | % (3)        | Exit      | 263         |
| 820 - Shopping  | g Center          |        |                            | 720 - Me      | edical-l       | Dental Offic | e Buildi  | ng          |
| Exit 90         | Demand Exit: 29   | % (26) | Balanced:<br>1             | Demand Entry: | 4              | % (1)        | Entry     | 19          |
| Entry 148       | Demand Entry: 32  | % (47) | Balanced:                  | Demand Exit:  | 28             | .% (1)       | Exit      | 5           |
| 710 - General C | Office Building   |        |                            | 760 - Resear  | ch and         | d Developn   | ient Cen  | ter         |
| Exit 25         | Demand Exit: 0    | % (0)  | Balanced:<br>0             | Demand Entry: | ; 0            | % (0)        | Entry     | 27          |
| Entry 182       | Demand Entry: 0   | % (0)  | Balanced:<br>0             | Demand Exit:  | <sub>:</sub> 0 | ·<br>% (0)   | Exit      | 5           |
| 710 - General ( | Office Building   |        |                            | 210 - Sing    | le-Fam         | rify Detach  | ed Housi  | ing         |
| Exit 25         | Demand Exit: 1    | % (0)  | Balanced:<br>0             | Demand Entry: | :0             | % (0)        | Entry     | 88          |
| Entry 182       | Demand Entry: 3   | % (5)  | Balanced:<br>5             | Demand Exit:  | 2              | % (5)        | Exit      | 263         |
| 710 - General ( | Office Building   |        |                            | 720 - Me      | edical-        | Dental Offi  | ce Buildi | ing         |
| Exit 25         | Demand Exit: 0    | % (0)  | Balanced:                  | Demand Entry: |                | % (0)        | Entry     | •           |
| Entry 182       |                   |        | U                          | ŕ             |                |              | Exit      | 5           |

820 - Shopping Center

Total Trips Internal Trips

External Trips

|               | C   | emand Entry:  | 0        | % (0)   | ) Balanced:<br>0  | Demand | f Exit: 0   | <sup>°</sup> % (0)  | •  |  |  |                             |  |
|---------------|---|---|----------|---------|---|--------|---|---|--|--|--|-----------------------------|--|
| 760 - R       | Research and                                      | i Developmen  | t Center |         |   | 210    | ) - Singfe-Fr   | amily Detar   | ched Housing   |  |  |                             |  |
| Exit          | 5 D   | emand Exit:   | 1        | % (0)   | Balanced:<br>0  | Demand | Entry: · 0  | % (0)   | Entry 88   |  |  |                             |  |
| Entry         | 27 D  | emand Entry:  | . 3      | % (1)   | Balanced:<br>1  | Demand | Exit: 2   | °% (5)  | Exit 26  | 3  |  |                             |  |
| 760 - R       | lesearch and                                      | f Developmen  | t Center |         |   | 7      | 720 - Medica  | al-Dental O   | ffice Building   |  |  |                             |  |
| Exit          | 5 D   | emand Exit:   | 0        | % (0)   | Balanced:<br>0  | Oemand | Entry: 0  | -% (0)  | Entry 19   | ı  |  |                             |  |
| Entry         | 27 D  | emand Entry:  | 0        | % (0)   | Balanced;<br>0  | Demand | Exit: 0   | <b>%</b> (0)  | Exit 5   |  |  |                             |  |
| 210 - S       | ingle-Family                                      | / Detached Ho   | using    |         |   | 7      | /20 - Medic:  | al-Dental O   | Office Building  |  |  |                             |  |
| Exit          | 263 E   | emand Exit:   | 2        | % (5)   | Balanced:   | Demand | f Entry: 3  | % (1)   | ) Entry 19   | )  |  |                             |  |
| Entry         | 88 C  | emand Entry:  | 0        | % (0)   | ) Balanced:<br>0  | Demand | 1 Exit: 1   | <b>%</b> (0)  | ) Exit 5   |  |  |                             |  |
| 220 - A       | Apartment   |   |          |         |   |        |   |   |  |  |  |                             |  |
|               | Total Trips                                       | Internal Trips<br>230 - Resider<br>Condominiur<br>- 1 | ntial    | house   | 310 - Hotel   |        | 820 -<br>Shopping<br>Center   | 710 -<br>General<br>Office<br>Building  | 760 -<br>Research<br>and<br>Development<br>Center            | 210 - Single-<br>Family<br>Detached<br>Housing   | 720 -<br>Medical-<br>Dental<br>Office<br>Building  | Total                       | External<br>Trips  |
| Entry         | 79 (100%)   | 0 (0%)  |          |         | 0 (0%)  |        | 2 (3%)  | 0 (0%)  | 0 (0%)   | 0 (0%)   | 0 (0%)   | 2 (3%)                      | 77 (97%)   |
| Exit          | 317 (100%)  | 0 (0%)  |          |         | 0 (0%)  |        | 3 (1%)  | 5 (2%)  | 1 (0%)   | 0 (0%)   | 1 (0%)   | 10 (3%)                     | 307 (97%)  |
| Total         | 396 (100%)  | 0 (0%)  |          |         | 0 (0%)  |        | 5 (1%)  | 5 (1%)  | 1 (0%)   | 0 (0%)   | 1 (0%)   | 12 (3%)                     | 384 (97%)  |
| 230 - F       | Residential (                                     | Condominium/  |          | use - 1 | 1   |        |   |   |  |  |  |                             |  |
|               |   | Internal Trips<br>220 - Apartm                        |          |         |   |        |   |   | :  | 210 - Single-  |  | ' Total                     | External   |
|               | Total Trips                                       |   | en       |         | 310 - Hotel   |        | Shopping<br>Center  | 710 -<br>General<br>Office<br>Building  | 760 -<br>Research<br>and<br>Development<br>Center            | Family<br>Detached   | 720 -<br>Medical-<br>Dental<br>Office<br>Building  |                             | Trips  |
| Entry         | Total Trips 40 (100%)                             | ·   | ent      |         | 310 - Hotel<br>0 (0%)   |        | Shopping<br>Center  | General<br>Office   | Research<br>and<br>Development                               | Family<br>Detached   | Medical-<br>Dental<br>Office   | 1 (3%)                      |  |
| • .           |   | 0 (0%)  | ent      |         |   |        | Shopping<br>Center<br>1 (3%)  | General<br>Office<br>Building   | Research<br>and<br>Development<br>Center                     | Family<br>Detached<br>Housing  | Medical-<br>Dental<br>Office<br>Building   |                             | Trips  |
| Exit          | 40 (100%)   | O (O%)<br>O (O%)                                      | ent      |         | 0 (0%)  |        | Shopping<br>Center<br>1 (3%)<br>2 (1%)  | General<br>Office<br>Building   | Research<br>and<br>Development<br>Center<br>0 (0%)           | Family<br>Detached<br>Housing  | Medical-<br>Dental<br>Office<br>Building<br>0 (0%)   | 1 (3%)                      | Trips 39 (97%)   |
| Exit          | 40 (100%)<br>194 (100%)<br>234 (100%)             | O (O%)<br>O (O%)                                      | ent      |         | 0 (0%)<br>0 (0%)  |        | Shopping<br>Center<br>1 (3%)<br>2 (1%)  | General<br>Office<br>Building<br>0 (0%)<br>4 (2%)   | Research<br>and<br>Development<br>Center<br>O (0%)<br>1 (1%) | Family<br>Detached<br>Housing<br>0 (0%)  | Medical-<br>Dental<br>Office<br>Building<br>0 (0%)<br>1 (1%)   | 1 (3%)                      | Trips 39 (97%) 186 (96%)                                       |
| Exit          | 40 (100%)<br>194 (100%)<br>234 (100%)             | O (O%)<br>O (O%)                                      |          |         | 0 (0%)<br>0 (0%)  |        | Shopping<br>Center<br>1 (3%)<br>2 (1%)  | General<br>Office<br>Building<br>0 (0%)<br>4 (2%)   | Research<br>and<br>Development<br>Center<br>O (0%)<br>1 (1%) | Family<br>Detached<br>Housing<br>0 (0%)  | Medical-<br>Dental<br>Office<br>Building<br>0 (0%)<br>1 (1%)   | 1 (3%)                      | Trips 39 (97%) 186 (96%)                                       |
| Exit          | 40 (100%)<br>194 (100%)<br>234 (100%)             | O (0%) O (0%) O (0%)                                  | 8        |         | 0 (0%)<br>0 (0%)  |        | Shopping<br>Center<br>1 (3%)<br>2 (1%)<br>3 (1%)<br>820 -                       | General<br>Office<br>Building<br>0 (0%)<br>4 (2%)<br>4 (2%)   | Research<br>and<br>Development<br>Center<br>O (0%)<br>1 (1%) | Family Detached Housing  0 (0%) 0 (0%)  0 (0%)  1 (0%)   | Medical-<br>Dental<br>Office<br>Building<br>0 (0%)<br>1 (1%)   | 1 (3%)<br>8 (4%)<br>9 (4%)  | Trips 39 (97%) 186 (96%)                                       |
| Total 310 - F | 40 (100%)<br>194 (100%)<br>234 (100%)             | 0 (0%) 0 (0%) 0 (0%)                                  | 8        |         | 0 (0%) 0 (0%) 0 (0%) 230 - Residential                            |        | Shopping<br>Center<br>1 (3%)<br>2 (1%)<br>3 (1%)<br>820 -<br>Shopping<br>Center | General<br>Office<br>Building<br>0 (0%)<br>4 (2%)<br>4 (2%)<br>710 -<br>General<br>Office<br>Building | Research and Development Conter 0 (0%) 1 (1%) 1 (0%)         | Family Detached Housing  0 (0%) 0 (0%)  0 (0%)  10 (0%)  210 - Single-Family Detached Housing 0 (0%) | Medical-<br>Dental Office<br>Building 0 (0%) 1 (1%) 1 (0%) 1 (0%) 1 (0%)   | 1 (3%)<br>8 (4%)<br>9 (4%)  | Trips 39 (97%) 186 (96%) 225 (96%)                             |
| Total 310 - F | 40 (100%) 194 (100%) 234 (100%) Hotel Total Trips | 0 (0%) 0 (0%) 0 (0%) Internal Trips 220 - Apartm      | 8        |         | 0 (0%)<br>0 (0%)<br>0 (0%)<br>230 - Residential<br>Condominium/To |        | Shopping<br>Center<br>1 (3%)<br>2 (1%)<br>3 (1%)<br>820 -<br>Shopping<br>Center | General<br>Office<br>Building<br>0 (0%)<br>4 (2%)<br>4 (2%)<br>710 -<br>General<br>Office<br>Building | Research and Development Conter 0 (0%) 1 (1%) 1 (0%)         | Family Detached Housing  0 (0%) 0 (0%)  0 (0%)  10 (0%)  210 - Single-Family Detached Housing        | Medical-<br>Dental Office<br>Building 0 (0%)<br>1 (1%)<br>1 (0%)<br>720 -<br>Medical-<br>Dental Office<br>Building | [1 (3%)<br>8 (4%)<br>9 (4%) | Trips  39 (97%) 186 (96%) 225 (96%)  External Trips  78 (100%) |

|            |            | 220 - Apartment                        | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 710 -<br>General<br>Office<br>Building | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing    | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total    |                   |
|------------|------------|--|---|----------------|--|---|---|---|----------|-------------------|
| Entry 148  | B (100%)   | 3 (2%)                                 | 2 (1%)  | 6 (4%)         | 7 (5%)                                 | 1 (1%)  | 3 (2%)  | 1 (1%)  | 23 (16%) | 125 (84%)         |
| Exit 90    | (100%)     | 2 (2%)                                 | 1 (1%)  | 0 (0%)         | 7 (8%)                                 | 1 (1%)  | 2 (2%)  | 1 (1%)  | 14 (16%) | 76 (84%)          |
| Total 238  | 8 (100%)   | 5 (2%)                                 | 3 (1%)  | 6 (3%)         | 14 (6%)                                | 2 (1%)  | 5 (2%)  | 2 (1%)  | 37 (16%) | 201 (84%)         |
| 710 - Gene | eral Offic | e Building<br>Internal Trips           |   |                |  |   |   |   |          |                   |
| Tot        | tal Trips  | 220 - Apartment                        | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 820 -<br>Shopping<br>Center            | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing    | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total    | External<br>Trips |
| Entry 182  | 2 (100%)   | 5 (3%)                                 | 4 (2%)  | 5 (3%)         | 7 (4%)                                 | 0 (0%)  | 5 (3%)  | 0 (0%)  | 26 (14%) | 156 (86%)         |
| Exit 25    | (100%)     | 0 (0%)                                 | 0 (0%)  | 0 (0%)         | 7 (28%)                                | 0 (0%)  | 0 (0%)  | 0 (0%)  | 7 (28%)  | 18 (72%)          |
| Total 207  | 7 (100%)   | 5 (2%)                                 | 4 (2%)  | 5 (2%)         | 14 (7%)                                | 0 (0%)  | 5 (2%)  | 0 (0%)  | 33 (16%) | 174 (84%)         |
| 760 - Rese | earch and  | d Development Center<br>Internal Trips |   |                |  |   |   |   |          |                   |
| Tot        | tal Trips  | 220 - Apartment                        | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 820 -<br>Shopping<br>Center            | 710 -<br>General<br>Office<br>Building            | 210 - Single-<br>Family<br>Detached<br>Housing    | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total    | External<br>Trips |
| Entry 27   | (100%)     | 1 (4%)                                 | 1 (4%)  | 1 (4%)         | 1 (4%)                                 | 0 (0%)  | 1 (4%)  | 0 (0%)  | 5 (19%)  | 22 (81%)          |
| Exit 5 (   | 100%)      | 0 (0%)                                 | 0 (0%)  | 0 (0%)         | 1 (20%)                                | 0 (0%)  | 0 (0%)  | 0 (0%)  | 1 (20%)  | 4 (80%)           |
| Total 32   | (100%)     | 1 (3%)                                 | 1 (3%)  | 1 (3%)         | 2 (6%)                                 | 0 (0%)  | 1 (3%)  | 0 (0%)  | 6 (19%)  | 26 (81%)          |
| 210 - Sing | le-Family  | y Detached Housing                     |   |                |  |   |   |   |          |                   |
|            |            | Internal Trips                         |   |                |  |   |   |   |          |                   |
| Tof        | tal Trips  | 220 - Apartment                        | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 820 -<br>Shopping<br>Center            | 710 -<br>General<br>Office<br>Building            | 760 -<br>Research<br>and<br>Development<br>Center | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total    | External<br>Trips |
| Entry 88   | (100%)     | 0 (0%)                                 | 0 (0%)  | 0 (0%)         | 2 (2%)                                 | 0 (0%)  | 0 (0%)  | 0 (0%)  | 2 (2%)   | 86 (98%)          |
| Exit 260   | 3 (100%)   | 0 (0%)                                 | 0 (0%)  | 0 (0%)         | 3 (1%)                                 | 5 (2%)  | 1 (0%)  | 1 (0%)  | 10 (4%)  | 253 (96%)         |
| Total 351  | 1 (100%)   | 0 (0%)                                 | 0 (0%)  | 0 (0%)         | 5 (1%)                                 | 5 (1%)  | 1 (0%)  | 1 (0%)  | 12 (3%)  | 339 (97%)         |
| 720 - Med  | lical-Dent | al Office Building<br>Internal Trips   |   |                |  |   |   |   |          |                   |
| To         | tal Trips  | 220 - Apartment                        | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 820 -<br>Shopping<br>Center            | Office  | 760 -<br>Research<br>and<br>Development<br>Center | Single-<br>Family                                 | ·Total   | External<br>Trips |
| Entry 19   | (100%)     | 1 (5%)                                 | 1 (5%)  | 1 (5%)         | 1 (5%)                                 | ' 0 (0%)  | :<br>0 (0%)                                       | 1 (5%)  | 5 (26%)  | 14 (74%)          |
| Exit 5 (   | 100%)      | 0 (0%)                                 | 0 (0%)  | 0 (0%)         | 1 (20%)                                | 0 (0%)  | 0 (0%)  | 0 (0%)  | 1 (20%)  | 4 (80%)           |
| Total 24   | (100%)     | 1 (4%)                                 | 1 (4%)  | 1 (4%)         | 2 (8%)                                 | 0 (0%)  | 0 (0%)  | 1 (4%)  | 6 (25%)  | 18 (75%)          |

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#### EXTERNAL TRIPS

| Land Use                                    | External Trips | Pass-by% | Pass-by Trips | Non-pass-by<br>Trips |
|---|----------------|----------|---------------|----------------------|
| 220 - Apartment                             | 384            | 0 %      | 0             | 384                  |
| 230 - Residential Condominium/Townhouse - 1 | 225            | 0 :%     | 0             | 225                  |
| 310 - Hotel                                 | 120            | 0 %      | 0             | 120                  |
| 820 - Shopping Center                       | 201            | 13 %     | 26            | 175                  |
| 710 - General Office Building               | 174            | 0 %      | 0             | 174                  |
| 760 - Research and Development Center       | 26             | 0 %      | 0             | 26                   |
| 210 - Single-Family Detached Housing        | 339            | 0 .%     | 0             | 339                  |
| 720 - Medical-Dental Office Building        | 18             | 0 %      | 0             | 18                   |

#### **NOTES**

Project Notes:

#### ITE DEVIATION DETAILS

| Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m. |                         |  |  |  |  |  |  |
|--|-------------------------|--|--|--|--|--|--|
| Landuse  | No deviations from ITE. |  |  |  |  |  |  |
| Methods  | No deviations from ITF  |  |  |  |  |  |  |

External Trips 220 - Apartment

ITE does not recommend a particular pass-by% for this case.

230 - Residential Condominium/Townhouse - 1

ITE does not recommend a particular pass-by% for this case.

310 - Hotel

ITE does not recommend a particular pass-by% for this case.

820 - Shopping Center

ITE does not recommend a particular pass-by% for this case.

210 - Single-Family Detached Housing

ITE does not recommend a particular pass-by% for this case.

#### Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.

720 - Medical-Dental Office Building ITE does not recommend a particular pass-by% for this case.

#### Weekday, A.M. Peak Hour of Generator

Landuse

No deviations from ITE.

Methods

760 - Research and Development Center
The chosen method (LOG) is not recommended by ITE ITE recommends Average based on the

External Trips

710 - General Office Building

ITE does not recommend a particular pass-by% for this case.

760 - Research and Development Center

ITE does not recommend a particular pass-by% for this case.

#### SUMMARY

| 661 |
|-----|
| 954 |
| 0   |
| 0   |
| 64  |
| 64  |
| 16  |
| 10  |
| 581 |
| 880 |
|     |

# PM PEAK

#### PERIOD SETTING

| Analysis Name :                                 | PM Peak Ho                              | ur        |   |  |               |            |       |
|---|---|-----------|---|--|---------------|------------|-------|
| Project Name :                                  | CenterPlace<br>Buildout 2               | - Revised | l No:   |  | 5568          |            |       |
| Date:   | 2/7/2017                                |           | City:   |  |               |            |       |
| State/Province:                                 |   |           | Zip/Posta   | al Code:                                     |               |            |       |
| Country:  |   |           | Client Na   | ime:   |               |            |       |
| Analyst's Name:                                 | JP                                      |           | Edition:  |  | TE-TGM 9      | th Editio  | n     |
| Land Use  | Independent<br>Variable                 | Size      | Time Period   | Method                                       | Entry         | Exit       | Total |
| 220 - Apartment                                 | Dwelling Units                          | 800       | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Between 4 and 6<br>p.m. | Bost Fit (LIN)<br>T = 0.55 (X)+17.65         | 298<br>65%    | 160<br>35% | 458   |
| 230 - Residential<br>Condominium/Townhou<br>- 1 | Dwelling Units<br>use                   | 663       | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Between 4 and 6<br>p.m. | Best Fit (LOG)<br>Ln(T) = 0.82Ln(X)<br>+0.32 | 190<br>67%    | 94<br>33%  | 284   |
| 310 - Hotel                                     | Rooms                                   | 250       | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Between 4 and 6<br>p.m. | Average<br>0.6                               | 77<br>51%     | 73<br>49%  | 150   |
| 820 - Shopping Center                           | 1000 Sq. Feet<br>Gross Leasable<br>Area | 200       | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Between 4 and 6<br>p.m. | Best Fit (LOG)<br>Ln(T) = 0.67Ln(X)<br>+3.31 | 457<br>48%    | 496<br>52% | 953   |
| 710 - General Office<br>Building                | 1000 Sq. Feet<br>Gross Floor Area       | 110       | Weekday, P.M.<br>Peak Hour of<br>Generator  | Best Fit (LIN)<br>T = 1.12 (X)+78.45         | 34<br>17%     | 168<br>83% | 202   |
| 760 - Research and<br>Development Center        | 1000 Sq. Feet<br>Gross Floor Area       | 20(0)     | Weekday, P.M.<br>Peak Hour of<br>Generator  | Best Fit (LOG)<br>Ln(T) = 0.83Ln(X)<br>+1.06 | 5<br>14%      | 30<br>86%  | 35    |
| 210 - Single-Family<br>Delached Housing         | Dwelling Units                          | 487       | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Between 4 and 6<br>p.m. | Best Fit (LOG)<br>Ln(T) = 0.9Ln(X) +0.0      | 275<br>51 63% | 162<br>37% | 437   |
| 720 - Medical-Dental<br>Office Building         | 1000 Sq. Feet<br>Gross Floor Area       | 10        | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Between 4 and 6<br>p.m. | Best Fit (LOG)<br>Ln(T) = 0.9Ln(X) +1.       | 10<br>53 27%  | 27<br>73%  | 37    |
| (0) indicates size out of                       | range.                                  |           | The time perio  | ods do not match.                            |               |            |       |

TRAFFIC REDUCTIONS

| Land Use                                    | Entry<br>Redu |   | Adjusted Entry | Exit F | Reduction  | Adjusted Exit |
|---|---------------|---|----------------|--------|------------|---------------|
| 220 - Apartment                             | 0             | % | 298            | 0      | <u>`</u> % | 160           |
| 230 - Residential Condominium/Townhouse - 1 | , 0           | % | 190            | 0      | .%         | 94            |
| 310 - Holel                                 | : <b>D</b>    | % | 77             | . 0    | %          | 73            |
| 820 - Shopping Center                       | 0             | % | 457            | 0      | %          | 496           |
| 710 - General Office Building               | 0             | % | 34             | 0      | <u>,</u> % | 168           |
| 760 - Research and Development Center       | 0             | % | 5              | 0      | <b>%</b>   | 30            |
| 210 - Single-Family Detached Housing        | 0             | % | 275            | 0      | <u>:</u> % | 162           |
| 720 - Medical-Dental Office Building        | . 0           | % | 10             | 0      | %          | 27            |
|   |               |   |                |        |            |               |

#### INTERNAL TRIPS

| 220 - Apartr | nent          |    |         |                  | 230 - Residential Condominium/Townhouse - 1 |  |  |  |  |  |  |
|--------------|---------------|----|---------|------------------|---|--|--|--|--|--|--|
| Exit 160     | Demand Exit:  | 0  | % (0)   | Balanced:<br>0   | Demand Entry: 0 % (0) Entry 190             |  |  |  |  |  |  |
| Entry 298    | Demand Entry: | 0  | % (0)   | Balanced:<br>0   | Demand Exit: 0 % (0) Exit 94                |  |  |  |  |  |  |
| 220 - Apartr | nent          |    |         |                  | 310 - Hotel                                 |  |  |  |  |  |  |
| Exit 160     | Demand Exit:  | 3  | % (5)   | Balanced:<br>5   | Demand Entry: 12 % (9) Entry 77             |  |  |  |  |  |  |
| Entry 298    | Demand Entry: | 0  | % (0)   | Balanced:<br>0   | Demand Exit: 2 % (1) Exit 73                |  |  |  |  |  |  |
| 220 - Apartr | nent          |    |         |                  | 820 - Shopping Center                       |  |  |  |  |  |  |
| Exit 160     | Demand Exil:  | 42 | % (67)  | Balanced:<br>46  | Demand Entry: - 10 % (46) Entry 457         |  |  |  |  |  |  |
| Entry 298    | Demand Entry: | 46 | % (137) | Balanced:<br>129 | Demand Exit: . 26 % (129) Exit 496          |  |  |  |  |  |  |
| 220 - Aparti | ment          |    |         |                  | 710 - General Office Building               |  |  |  |  |  |  |
| Exit 160     | Demand Exit:  | 4  | % (6)   | Balanced:<br>6   | Demand Entry: 157 % (19) Entry 34           |  |  |  |  |  |  |
| Entry 298    | Demand Entry: | 4  | ·% (12) | Balanced:<br>3   | Demand Exit: +2 % (3) Exit 168              |  |  |  |  |  |  |
| 220 - Aparti | nent          |    |         |                  | 760 - Research and Development Center       |  |  |  |  |  |  |
| Exit 160     | Demand Exit:  | 4  | % (6)   | Balanced:<br>3   | Demand Entry: 57 % (3) Entry 5              |  |  |  |  |  |  |
| Entry 298    | Demand Entry: | 4  | % (12)  | Balanced:<br>1   | Demand Exit: 2 % (1) Exit 30                |  |  |  |  |  |  |
| 220 - Aparti | nent          |    |         |                  | 210 - Single-Family Detached Housing        |  |  |  |  |  |  |
| Exit 160     |               |    |         |                  | Entry 275                                   |  |  |  |  |  |  |

|  | Demand Exit:  | 0                       | % (0)   | Balanced:<br>0   | Demand Entry: - 0  | % (0)  |   |   |
|--|---|-------------------------|---|--|--|--|---|---|
| Entry 298  | Demand Entry.   | 0                       | % (0)   | Balanced:<br>0   | Demand Exit. 0   | % (0)  | Exít  | 162   |
| 220 - Apartmen   | it  |                         |   |  | 720 - Medical  | -Dental Offic  | e Buildii   | ıg  |
| Exit 160   | Demand Exit:  | 4                       | % (6)   | Balanced:<br>6   | Demand Entry: 57   | % (6)  | Entry   | 10  |
| Entry 298  | Demand Entry:   | 4                       | % (12)  | Balanced:  | Demand Exit: 2   | % (1)  | Exit  | 27  |
| 230 - Residenti  | al Condominium/   | Townh                   | iouse - 1   |  |  | ;  | 310 - Hoi   | el  |
| Exit 94  | Demand Exit:  | . 3                     | % (3)   | Balanced:<br>3   | Demand Entry: 12   | % (9)  | Entry   | 77  |
| Entry 190  | Demand Entry:   | 0                       | % (0)   | Balanced:<br>0   | Demand Exit: 2   | % (1)  | Exit  | 73  |
| 230 - Residenti  | al Condominium/   | Towni                   |   | 820 - Shopp  | ing Cent   | er   |   |   |
| Exit 94  | Demand Exit.  | 42                      | % (39)  | Balanced:<br>39  | Demand Entry: 10   | % (46)   | Entry   |   |
| Entry 190  | Demand Entry:   | 46                      | % (87)  | Balanced:<br>87  | Demand Exit: 26  | % (129)  | Exit  | 496   |
| 230 - Residenti  | al Condominium/   | Townh                   | nouse - 1   |  | 710 - 0  | General Offic  | e Bulldir   | 10  |
| Exil 94  | Demand Exit:  | 4                       | .% (4)  | Balanced:  | Demand Entry: 57   | % (19)   | Entry   | •   |
| Entry 190  | Demand Entry:   | 4                       | ·% (8)  | Balanced:<br>3   | Demand Exit: 2   | % (3)  | Exit  | 168   |
|  |   |                         |   |  |  |  |   |   |
| 230 - Residenti  | al Condominium/   | Townh                   | nouse - 1   |  | 760 - Research ai  | d Developm   | ent Cent  | er  |
| 230 - Residenti<br>Exit 94   | al Condominium/<br>Demand Exit  | Townh<br>4              | nouse - 1<br>'% (4)                                       | Balanced:<br>3   | 760 - Research au<br>Demand Entry: - 57  | id Developm<br>.% (3)  | ent Cent<br>Entry   |   |
|  |   |                         |   |  |  | •  |   |   |
| Exit 94<br>Entry 190   | Demand Exit   | 4                       | % (4)<br>% (8)  | 3<br>Balanced:   | Demand Entry: 57  Demand Exit: 2   | % (3)<br>% (1)   | Entry<br>Exit   | 5<br>30   |
| Exit 94<br>Entry 190   | Demand Exit   | 4                       | % (4)<br>% (8)  | 3<br>Balanced:   | Demand Entry: 57   | % (3)<br>% (1)   | Entry<br>Exit   | 5<br>30<br>ng                                   |
| Exit 94 Entry 190 230 - Residenti  | Demand Exit  Demand Entry:  al Condominium/   | 4<br>4<br>Townh         | % (4)<br>% (8)<br>nouse - 1                               | 3 Balanced: 1 Balanced:  | Demand Entry: 57  Demand Exit: 2  210 - Single-Fat   | % (3)<br>% (1)<br>mily Detache   | Entry<br>Exit<br>d Housi  | 5<br>30<br>ng                                   |
| Exit 94 Entry 190 230 - Residenti Exit 94 Entry 190  | Demand Exit  Demand Entry:  al Condominium/  Demand Exit  Demand Entry:   | 4 4 Townt 0             | % (4) % (8) house -1 % (0) % (0)                          | 3 Balanced: 1 Balanced: 0 Balanced:  | Demand Entry: 57  Demand Exit: 2  210 - Single-Fait  Demand Entry: 0  Demand Exit: 0   | % (3) % (1) mily Detache % (0) % (0)   | Entry<br>Exit<br>d Housin<br>Entry<br>Exit                              | 5<br>30<br>ng<br>275<br>162                     |
| Exit 94 Entry 190 230 - Residenti Exit 94 Entry 190  | Demand Exit  Demand Entry:  al Condominium/  Demand Exit  Demand Entry:  al Condominium/  | 4 4 Townt 0             | % (4) % (8) house -1 % (0) % (0)                          | 3 Balanced: 1 Balanced: 0 Balanced: 0 Balanced:                                      | Demand Entry: 57  Demand Exit: 2  210 - Single-Fai  Demand Entry: 0  | % (3) % (1) mily Detache % (0) % (0)   | Entry<br>Exit<br>d Housin<br>Entry<br>Exit                              | 5<br>30<br>ng<br>275<br>162                     |
| Exit 94 Entry 190 230 - Residenti Exit 94 Entry 190 230 - Residenti  | Demand Exit  Demand Entry:  al Condominium/  Demand Exit  Demand Entry:  ial Condominium/   | 4 4 Town! 0 0 Town!     | % (4) % (8) nouse - 1 % (0) % (0)                         | 3 Balanced: 1 Balanced: 0 Balanced: 0  | Demand Entry: 57  Demand Exit: 2  210 - Single-Fai  Demand Entry: 0  Demand Exit: 0  720 - Medical   | % (3) % (1) mily Detache % (0) % (0)   | Entry Exit d Housin Entry Exit  | 5<br>30<br>1g<br>275<br>162                     |
| Exit 94 Entry 190 230 - Residenti Exit 94 Entry 190 230 - Residenti Exit 94 Entry 190                              | Demand Exit  Demand Entry:  al Condominium/  Demand Exit  Demand Entry:  al Condominium/  Demand Exit:                                | 4 4 Townt 0 0 Townt     | % (4) % (8) nouse - 1 % (0) % (0) nouse - 1 .% (4)        | 3 Balanced: 1 Balanced: 0 Balanced: 4 Balanced:                                      | Demand Entry: 57  Demand Exit: 2  210 - Single-Fai  Demand Entry: 0  Demand Exit: 0  720 - Medical  Demand Entry: 57                                 | % (3) % (1) mily Detache % (0) % (0) Dental Offic % (6) % (1)                            | Entry Exit d Housin Entry Exit ce Buildin Entry Exit                    | 5<br>30<br>ang<br>275<br>162<br>ang<br>10<br>27 |
| Exit 94 Entry 190 230 - Residenti Exit 94 Entry 190 230 - Residenti Exit 94 Entry 190 310 - Hotel                  | Demand Exit  Demand Entry:  al Condominium/  Demand Exit  Demand Entry:  al Condominium/  Demand Exit:  Demand Exit:  Demand Exit:    | 4 4 Townt 0 0 Townt 4   | % (4) % (8)  nouse - 1 % (0) % (0)  nouse - 1 % (4) % (8) | 3 Balanced: 1 Balanced: 0 Balanced: 4 Balanced:                                      | Demand Entry: 57  Demand Exit: 2  210 - Single-Fai  Demand Entry: 0  Demand Exit: 0  720 - Medica  Demand Entry: 57  Demand Exit: 2                  | % (3) % (1) mily Detache % (0) % (0) -Dental Offic % (6) % (1) 820 - Shopp               | Entry Exit d Housin Entry Exit e Buildin Entry Exit                     | 5<br>30<br>275<br>162<br>10<br>27               |
| Exit 94 Entry 190 230 - Residenti Exit 94 Entry 190 230 - Residenti Exit 94 Entry 190 310 - Hotel Exit 73          | Demand Exit:  Demand Entry:  al Condominium/  Demand Exit:  Demand Entry:  al Condominium/  Demand Exit:  Demand Exit:  Demand Entry: | 4 4 Townt 0 0 Townt 4 4 | % (4) % (8) house - 1 % (0) % (0) house - 1 % (4) % (8)   | 3 Balanced: 1 Balanced: 0 Balanced: 4 Balanced: 1                                    | Demand Entry: 57  Demand Exit: 2  210 - Single-Far  Demand Entry: 0  Demand Exit: 0  720 - Medical  Demand Entry: 57  Demand Exit: 2                 | % (3) % (1) mily Detache % (0) % (0) Dental Offic % (6) % (1) 820 - Shopp % (9)          | Entry Exit d Housin Entry Exit e Buildin Entry Exit ing Cent            | 5<br>30<br>275<br>162<br>10<br>27<br>457        |
| Exit 94 Entry 190 230 - Residenti Exit 94 Entry 190 230 - Residenti Exit 94 Entry 190 310 - Hotel                  | Demand Exit  Demand Entry:  al Condominium/  Demand Exit  Demand Entry:  al Condominium/  Demand Exit:  Demand Exit:  Demand Exit:    | 4 4 Townt 0 0 Townt 4   | % (4) % (8)  nouse - 1 % (0) % (0)  nouse - 1 % (4) % (8) | 3 Balanced: 1 Balanced: 0 Balanced: 4 Balanced: 1 Balanced: 9                        | Demand Entry: 57  Demand Exit: 2  210 - Single-Fai  Demand Entry: 0  Demand Exit: 0  720 - Medica  Demand Entry: 57  Demand Exit: 2                  | % (3) % (1) mily Detache % (0) % (0) -Dental Offic % (6) % (1) 820 - Shopp               | Entry Exit d Housin Entry Exit e Buildin Entry Exit                     | 5<br>30<br>10<br>275<br>162<br>10<br>27         |
| Exit 94 Entry 190 230 - Residenti Exit 94 Entry 190 230 - Residenti Exit 94 Entry 190 310 - Hotel Exit 73          | Demand Exit:  Demand Entry:  al Condominium/  Demand Exit:  Demand Entry:  al Condominium/  Demand Exit:  Demand Exit:  Demand Entry: | 4 4 Townt 0 0 Townt 4 4 | % (4) % (8) house - 1 % (0) % (0) house - 1 % (4) % (8)   | Balanced: 0 Balanced: 0 Balanced: 4 Balanced: 1 Balanced: 1 Balanced: 1 Balanced: 13 | Demand Entry: 57  Demand Exit: 2  210 - Single-Far  Demand Entry: 0  Demand Exit: 0  720 - Medical  Demand Entry: 57  Demand Exit: 2  Demand Exit: 2 | % (3) % (1) mily Detache % (0) % (0) Dental Offic % (6) % (1) 820 - Shopp % (9)          | Entry Exit d Housin Entry Exit e Buildin Entry Exit ing Cent Entry Exit | 5<br>30<br>275<br>162<br>10<br>27<br>467<br>496 |
| Exit 94 Entry 190 230 - Residenti Exit 94 Entry 190 230 - Residenti Exit 94 Entry 190 310 - Hotel Exit 73 Entry 77 | Demand Exit:  Demand Entry:  al Condominium/  Demand Exit:  Demand Entry:  al Condominium/  Demand Exit:  Demand Exit:  Demand Entry: | 4 4 Townt 0 0 Townt 4 4 | % (4) % (8) house - 1 % (0) % (0) house - 1 % (4) % (8)   | 3 Balanced: 1 Balanced: 0 Balanced: 4 Balanced: 1 Balanced: 9 Balanced:              | Demand Entry: 57  Demand Exit: 2  210 - Single-Far  Demand Entry: 0  Demand Exit: 0  720 - Medical  Demand Entry: 57  Demand Exit: 2  Demand Exit: 2 | % (3) % (1) mily Detache % (0) % (0)  Dental Offic % (6) % (1)  820 - Shopp % (9) % (25) | Entry Exit d Housin Entry Exit e Buildin Entry Exit ing Cent Entry Exit | 5<br>30<br>275<br>162<br>10<br>27<br>467<br>496 |

| 310 - Hotel  |  |                        |                                  |   | 760 - Resear  | ch and                     | 1 Developm   | ent Cen   | ler                              |
|--|--|------------------------|----------------------------------|---|---|----------------------------|--|---|----------------------------------|
| Exit 73  | Demand Exit.   | 0                      | % (0)                            | Balanced:<br>0  | Demand Entry:   | 0                          | % (0)  | Entry   | 5                                |
| Entry 77   | Demand Entry:  | 0                      | % (0)                            | Balanced:<br>0  | Demand Exit:  | . 0                        | % (0)  | Exít  | 30                               |
| 310 - Hotel  |  |                        |                                  |   | 210 - Sing  | le-Fam                     | ily Detache  | d Housi   | ng                               |
| Exit 73  | Demand Exit:   | 2                      | % (1)                            | Balanced:<br>0  | Demand Entry:   | 0                          | % (0)  | Entry   | 275                              |
| Entry 77   | Demand Entry:  | 12                     | .% (9)                           | Balanced:<br>5  | Demand Exit:  | 3                          | % (5)  | Exit  | 162                              |
| 310 - Hotel  |  |                        |                                  |   | 720 - Me  | dical-                     | Dental Offic   | e Buildi  | ng                               |
| Exit 73  | Demand Exit  | 0                      | % (0)                            | Balanced:<br>0  | Demand Entry:   | 0                          | % (0)  | Entry   | 10                               |
| Entry 77   | Demand Entry:  | 0                      | % (0)                            | Balanced:<br>0  | Demand Exit:  | 0                          | % (0)  | Exit  | 27                               |
| 820 - Shopping   | Center   |                        |                                  |   | 7   | '10 - G                    | eneral Offic   | e Suildi  | ng                               |
| Exit 496   | Demand Exit:   | 2                      | % (10)                           | Balanced.<br>10   | Demand Entry:   | 31                         | ·% (11)  | Entry   | 34                               |
| Entry 457  | Demand Entry:  | 8                      | % (37)                           | Balanced:<br>34   | Demand Exit:  | 20                         | <b>%</b> (34)  | Exit  | 168                              |
| 820 - Shopping   | Center   |                        |                                  |   | 760 - Resea   | ch and                     | d Developm   | ent Gen   | ter                              |
| Exit 496   | Demand Exit:   | 2                      | % (10)                           | Balanced:<br>2  | Demand Entry:   | ·31                        | % (2)  | Entry   | 5                                |
| Entry 457  | Demand Entry:  | 8                      | % (37)                           | Balanced:<br>6  | Demand Exit:  | 20                         | % (6)  | Exil  | 30                               |
| 820 - Shopping   | Center   |                        |                                  |   | 210 - Sing  | le-Farr                    | illy Detache   | d Housi   | ng                               |
|  |  |                        |                                  |   |   |                            |  |   |                                  |
| Exit 496   | Demand Exit:   | . 26                   | -% (129 <u>)</u>                 | Balanced:<br>127  | Demand Entry:   | 46                         | % (127)  | Entry   | 275                              |
| Exit 496<br>Entry 457  | Demand Exit:<br>Demand Entry:  | . 26<br>10             | % (129)<br>% (46)                |   | Demand Entry:<br>Demand Exit:   | 46<br>42                   | % (127)<br>% (68)  | Entry<br>Exit   | 275<br>162                       |
|  | Demand Entry:  |                        |                                  | 127<br>Balanced:  | Demand Exit:  | 42                         |  | Exit  | 162                              |
| Entry 457  | Demand Entry:  |                        |                                  | 127<br>Balanced:  | Demand Exit:  | 42<br>edical-              | % (68)   | Exit  | 162<br>ng                        |
| Entry 457  | Demand Entry:  | 10                     | % (46)                           | 127<br>Balanced:<br>46<br>Balanced:   | Demand Exit:  | 42<br>edical-              | % (68)<br>Dental Offic   | Exit<br>e Buildi  | 162<br>ng                        |
| Entry 457<br>820 - Shopping<br>Exit 496  | Demand Entry:  Genter  Demand Exit:  Demand Entry:   | 10                     | % (46)<br>% (10)                 | 127 Balanced: 46 Balanced: 3 Balanced:  | Demand Exit:<br>720 - Me<br>Demand Entry:   | 42<br>edical-<br>31<br>20  | % (68)  Dental Offic  % (3)  % (5)   | Exit<br>e Buildi<br>Entry<br>Exit                                       | 162<br>ng<br>10<br>27            |
| Entry 457  820 - Shopping Exit 496  Entry 457  | Demand Entry:  Genter  Demand Exit:  Demand Entry:   | 10                     | % (46)<br>% (10)                 | 127 Balanced: 46 Balanced: 3 Balanced:  | Demand Exit:  720 - Mo  Demand Entry:  Demand Exit:   | 42 dical- 31 20 rch and    | % (68)  Dental Offic  % (3)  % (5)   | Exit<br>e Buildi<br>Entry<br>Exit                                       | 162<br>ng<br>10<br>27<br>ter     |
| Entry 457  820 - Shopping Exit 496  Entry 457  710 - General C   | Demand Entry:  Center  Demand Exit:  Demand Entry:  Office Building  | 10                     | % (46)<br>% (10)<br>% (37)       | 127 Balanced: 46  Balanced: 3 Balanced: 5   | Demand Exit:  720 - Mr.  Demand Entry:  Demand Exit:  760 - Resear  | 42 dical- 31 20 rch and    | % (68)  Dental Offic     % (3)     % (5)   | Exit e Buildi Entry Exit ent Cen  | 162<br>ng<br>10<br>27<br>ter     |
| Entry 457  820 - Shopping Exit 496  Entry 457  710 - General C Exit 168  | Demand Entry:  g Center  Demand Exit:  Demand Entry:  Office Building  Demand Exit:  Demand Entry:   | 10<br>2<br>8           | % (46) % (10) % (37) % (0)       | Balanced: 46  Balanced: 3 Balanced: 5  Balanced: 0 Balanced:                            | Demand Exit:  720 - Me Demand Entry: Demand Exit:  760 - Resear Demand Entry: Demand Exit:  | 42 edical-131 20 rch and 0 | % (68)  Dental Office % (3) % (5)  d Developm % (0)                                  | Exit e Buildi Entry Exit ent Cen Entry                                  | 162 ng 10 27 5 30                |
| Entry 457  820 - Shopping Exit 496  Entry 457  710 - General C Exit 168  Entry 34                                  | Demand Entry:  g Center  Demand Exit:  Demand Entry:  Office Building  Demand Exit:  Demand Entry:   | 10<br>2<br>8           | % (46) % (10) % (37) % (0)       | Balanced: 46  Balanced: 3 Balanced: 5  Balanced: 0 Balanced:                            | Demand Exit:  720 - Me Demand Entry: Demand Exit:  760 - Resear Demand Entry: Demand Exit:  | 42 adical- 31 20 ach and 0 | % (68)  Dental Offic % (3) % (5)  d Developm % (0) % (0)                             | Exit e Buildi Entry Exit ent Cen Entry                                  | 162 ng 10 27 tter 5 30           |
| Entry 457  820 - Shopping Exit 496 Entry 457  710 - General C Exit 168 Entry 34  710 - General C                   | Demand Entry:  Demand Exit: Demand Entry:  Diffice Building Demand Exit: Demand Entry:   | 10 2 8 0 0             | % (46) % (10) % (37) % (0)       | Balanced: 46  Balanced: 3  Balanced: 5  Balanced: 0  Balanced: 0  Balanced:             | Demand Exit:  720 - Mo Demand Exit:  760 - Resear Demand Exit:  Demand Exit:  210 - Sing  | 42 adical- 31 20 ach and 0 | % (68)  Dental Office % (3) % (5)  d Developm % (0) % (0)                            | Exit e Buildi Entry Exit ent Cen Entry Exit                             | 162 ng 10 27 tter 5 30           |
| Entry 457  820 - Shopping Exit 496  Entry 457  710 - General C Exit 168  Entry 34  710 - General C Exit 168        | Demand Entry:  g Center  Demand Exit:  Demand Entry:  Office Building  Demand Exit:  Demand Entry:  Office Building  Demand Exit:  Demand Exit:  Demand Exit:  Demand Exit:  Demand Exit:  Demand Exit:  Demand Entry: | 10<br>2<br>8<br>0<br>0 | % (46) % (10) % (37) % (0) % (0) | Balanced: 46  Balanced: 3 Balanced: 5  Balanced: 0  Balanced: 0  Balanced: 3  Balanced: | Demand Exit:  720 - Me Demand Entry: Demand Exit:  760 - Resear Demand Exit:  210 - Sing Demand Entry: Demand Entry: Demand Exit: | 42 31 20 0 0 0 4           | % (68)  Dental Office % (3) % (5)  d Developm % (0) % (0)  hily Detache % (11)       | Exit  e Buildi  Entry  Exit  ent Cen  Entry  Exit  d Housi  Entry  Exit | 162 ng 10 27 5 30 ng 275 162     |
| Entry 457  820 - Shopping Exit 496 Entry 457  710 - General C Exit 168 Entry 34  710 - General C Exit 168 Entry 34 | Demand Entry:  g Center  Demand Exit:  Demand Entry:  Office Building  Demand Exit:  Demand Entry:  Office Building  Demand Exit:  Demand Exit:  Demand Exit:  Demand Exit:  Demand Exit:  Demand Exit:  Demand Entry: | 10<br>2<br>8<br>0<br>0 | % (46) % (10) % (37) % (0) % (0) | Balanced: 46  Balanced: 3 Balanced: 5  Balanced: 0  Balanced: 0  Balanced: 3  Balanced: | Demand Exit:  720 - Me Demand Entry: Demand Exit:  760 - Resear Demand Exit:  210 - Sing Demand Entry: Demand Entry: Demand Exit: | 42 31 20 0 0 0 4           | % (68)  Dental Office % (3) % (5)  d Developm % (0) % (0)  mily Detache % (11) % (6) | Exit  e Buildi  Entry  Exit  ent Cen  Entry  Exit  d Housi  Entry  Exit | 162 ng 10 27 ter 5 30 ng 275 162 |

| 760 - F | Research and                 | d Development   | t Cente | er   |       |                                  | 210    | ) - Single-F                      | amily D                            | etac     | hed Housing                                       |  |  |            |                   |
|---------|------------------------------|---|---------|------|-------|----------------------------------|--------|-----------------------------------|------------------------------------|----------|---|--|--|------------|-------------------|
| Exit    | 30 C                         | Demand Exit   | 2       | %    | (1)   | Balanced:                        |        | Entry: 4                          | -                                  | (11)     | _   | i  |  |            |                   |
| Entry   | 5 C                          | Demand Entry:   | 57      |      | (3)   | Balanced.                        | Demand | Exit: .4                          |                                    | (6)      | Exit 162  | 2  |  |            |                   |
| 760 . E | Japanech an                  | d Development   | t Canta |      |       | Ť                                | -      | 720 - Madie                       | al Dont                            | al Of    | fice Building                                     |  |  |            |                   |
|         |                              | •   |         |      |       | Balanced;                        |        |                                   |                                    |          | _   |  |  |            |                   |
| Exit    | 30                           | Demand Exit:  | 0       | %    | (0)   | 0                                | Demand | Entry: .0                         | %                                  | (0)      | Entry 10  |  |  |            |                   |
| Entry   | 5 0                          | Demand Entry:   | 0       | %    | (0)   | Balanced:<br>0                   | Demand | Exit: 0                           | %                                  | (0)      | Exit 27   |  |  |            |                   |
| 210 - 9 | Single-Family                | y Detached Ho   | using   |      |       |                                  | 7      | 720 - Medic                       | al-Dent                            | al Of    | fice Building                                     |  |  |            |                   |
| Exit    | 162                          | Demand Exit:  | 4       | .%   | (6)   | Balanced:<br>6                   | Demand | J Entry: 5                        | 7 %                                | (6)      | Entry 10  |  |  |            |                   |
| Entry   | 275 [                        | Demand Entry:   | 4       | %    | (11)  | Balanced:                        | Demand | f Exit: :2                        | %                                  | (1)      | Exit 27   |  |  |            |                   |
| 220 - / | Apartment                    |   |         |      |       |                                  |        |                                   |                                    |          |   |  |  |            |                   |
|         | Total Trips                  | Internal Trips<br>230 - Resider<br>Condominium<br>- 1 | ntial   | nhou |       | ) - Hotel                        |        | 820 -<br>Shopping<br>Center       | 710 -<br>Gener<br>Office<br>Bulldi |          | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing | 720 -<br>Medical-<br>Dental<br>Office<br>Building  | Total      | External<br>Trips |
| Entry   | 298 (100%)                   | 0 (0%)  |         |      | 0 (   | J%)                              |        | . 129 (43%)                       | 3 (1%                              | )        | 1 (0%)  | 0 (0%)   | 1 (0%)   | 134 (45%)  | 164 (55%)         |
| Exit    | 160 (100%)                   | 0 (0%)  |         |      | 5 (   | 3%)                              |        | 46 (29%)                          | 6 (4%                              | )        | 3 (2%)  | 0 (0%)   | 6 (4%)   | 66 (41%)   | 94 (59%)          |
| Total   | 458 (100%)                   | 0 (0%)  |         |      | 5     | (1%)                             |        | 175<br>(38%)                      | 9 (29                              | 6)       | 4 (1%)  | 0 (0%)   | 7 (2%)   | 200 (44%)  | 258 (56%)         |
| 230 - 1 | Residential (<br>Total Trips | Condominium/<br>Internal Trips<br>220 - Apartm        | 5       | ious |       | 0 - Hotel                        |        | 820 -<br>Shopping<br>Center       | 710 -<br>Gener<br>Office<br>Build  | ing      | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing | .720 -<br>Medical-<br>Dental<br>Office<br>Building | Total      | External<br>Trips |
| Entry   | 190 (100%)                   | 0 (0%)  |         |      | 0 (   | 0%)                              |        | . 87 (46%)                        | 3 (2%                              | )        | 1 (1%)  | 0 (0%)   | 1 (1%)   | . 92 (48%) | 98 (52%)          |
| Exit    | 94 (100%)                    | 0 (0%)  |         |      | 3 (   | 3%)                              |        | 39 (41%)                          | 4 (4%                              | <u> </u> | 3 (3%)  | 0 (0%)   | 4 (4%)   | 53 (56%)   | 41 (44%)          |
| Total   | 284 (100%)                   | 0 (0%)  |         |      | . 3   | (1%)                             |        | 126<br>(44%)                      | 7 (29                              | %)<br>—— | 4 (1%)  | 0 (0%)   | 5 (2%)   | 145 (51%)  | 139 (49%)         |
| 310 -   | Hotel                        |   |         |      |       |                                  |        |                                   |                                    |          |   |  |  |            |                   |
|         | Total Trips                  | Internal Trips<br>220 - Aparlm                        |         |      |       | 0 - Residential<br>ndominium/Tov |        | - 820 -<br>: Shopping<br>: Center | 710 -<br>Gene<br>Office<br>Build   | ral<br>e | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing | 720 -<br>Medical-<br>Dental<br>Office<br>Building  | Total      | External<br>Trips |
| Entry   | 77 (100%)                    | 5 (6%)  |         |      | 3 (   | 4%)                              |        | 13 (17%)                          | 0 (0%                              | )        | :<br>· 0 (0%)                                     | 5 (6%)   | 0 (0%)   | 26 (34%)   | 51 (66%)          |
| Exit    | 73 (100%)                    | 0 (0%)  |         |      | . 0 ( | 0%)                              |        | 9 (12%)                           | . 0 (0%                            | )        | 0 (0%)  | 0 (0%)   | 0 (0%)   | 9 (12%)    | 64 (88%)          |
| Total   | 150 (100%)                   | ) 5 (3%)  |         |      | . 3   | (2%)                             |        | . 22 (15%                         | 0 (0'                              | %)       | 0 (0%)  | 5 (3%)   | 0 (0%)   | 35 (23%)   | 115 (77%          |
| 820 -   | Shopping C<br>Total Trips    | Internal Trip   | s       |      |       |                                  |        |                                   |                                    |          |   |  |  |            | External          |
|         |                              | 220 - Apartm  | ient    |      |       |                                  |        | 310 -                             | . 710 -                            |          | 760 -   | . 210 - Single-                                | 720 -  | Total      | Trips             |

|         |               |                                       | 230 - Residential<br>Condominium/Townhouse<br>- 1 |                  | Office<br>Building          | and<br>Development<br>Center                      | Detached<br>Housing                               | Dental<br>Office<br>Building                      |           |                   |
|---------|---------------|---------------------------------------|---|------------------|-----------------------------|---|---|---|-----------|-------------------|
| Entry   | 457 (100%)    | 46 (10%)                              | 39 (9%)   | 9 (2%)           | 34 (7%)                     | 6 (1%)  | 46 (10%)  | 5 (1%)  | 185 (40%) | 272 (60%)         |
| Exit    | 496 (100%)    | 129 (26%)                             | 87 (18%)  | 13 (3%)          | 10 (2%)                     | 2 (0%)  | 127 (26%)   | 3 (1%)  | 371 (75%) | 125 (25%)         |
| Total   | 953 (100%)    | 175 (18%)                             | 126 (13%)   | 22 (2%)          | 44 (5%)                     | 8 (1%)  | 173 (18%)   | 8 (1%)  | 556 (58%) | 397 (42%)         |
| 710 - 0 | General Offic | e Building                            |   |                  |                             |   |   |   |           |                   |
|         |               | Internal Trips                        |   |                  |                             |   |   |   |           |                   |
|         | Total Trips   | 220 - Apartment                       | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel   | 820 -<br>Shopping<br>Center | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing    | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total     | External<br>Trips |
| Entry   | 34 (100%)     | 6 (18%)                               | 4 (12%)   | 0 (0%)           | 10 (29%)                    | 0 (0%)  | 6 (18%)   | 0 (0%)  | 26 (76%)  | 8 (24%)           |
| Exit    | 168 (100%)    | 3 (2%)                                | 3 (2%)  | 0 (0%)           | 34 (20%)                    | 0 (0%)  | 3 (2%)  | 0 (0%)  | 43 (26%)  | 125 (74%)         |
| Total   | 202 (100%)    | 9 (4%)                                | 7 (3%)  | 0 (0%)           | 44 (22%)                    | 0 (0%)  | 9 (4%)  | 0 (0%)  | 69 (34%)  | 133 (66%)         |
| 760 - F | Research and  | d Development Center                  |   |                  |                             |   |   |   |           |                   |
|         |               | Internal Trips                        |   |                  |                             |   |   |   |           |                   |
|         | Total Trips   | 220 - Aparlment                       | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel   | 820 -<br>Shopping<br>Center | 710 -<br>General<br>Office<br>Building            | 210 - Single-<br>Family<br>Detached<br>Housing    | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total     | External<br>Trips |
| Entry   | 5 (100%)      | 3 (60%)                               | 3 (60%)   | 0 (0%)           | 2 (40%)                     | 0 (0%)  | 3 (60%)   | 0 (0%)  | 11 (220%) | -6 (-120%)        |
| Exit    | 30 (100%)     | 1 (3%)                                | 1 (3%)  | 0 (0%)           | 6 (20%)                     | 0 (0%)  | 1 (3%)  | 0 (0%)  | 9 (30%)   | 21 (70%)          |
| Total   | 35 (100%)     | 4 (11%)                               | 4 (11%)   | 0 (0%)           | 8 (23%)                     | 0 (0%)  | 4 (11%)   | 0 (0%)  | 20 (57%)  | 15 (43%)          |
| 210 - 5 | Single-Famil  | y Detached Housing                    |   |                  |                             |   |   |   |           |                   |
|         |               | Internal Trips                        |   |                  |                             |   |   |   |           |                   |
|         | Total Trips   | 220 - Aparlment                       | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel   | 820 -<br>Shopping<br>Center | 710 -<br>General<br>Office<br>Building            | 760 -<br>Research<br>and<br>Development<br>Center | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total     | External<br>Trips |
| Entry   | 275 (100%)    | 0 (0%)                                | 0 (0%)  | 0 (0%)           | 127 (46%)                   | 3 (1%)  | 1 (0%)  | 1 (0%)  | 132 (48%) | 143 (52%)         |
| Exit    | 162 (100%)    | 0 (0%)                                | 0 (0%)  | 5 (3%)           | 46 (28%)                    | G (4%)  | 3 (2%)  | 6 (4%)  | 66 (41%)  | 96 (59%)          |
| Total   | 437 (100%)    | 0 (0%)                                | 0 (0%)  | 5 (1%)           | 173<br>(40%)                | 9 (2%)  | 4 (1%)  | 7 (2%)  | 198 (45%) | 239 (55%)         |
| 720 - 1 | Medical-Deni  | tal Office Building<br>Internal Trips |   |                  |                             |   |   |   |           |                   |
|         | Total Trips   | 220 - Apartment                       | 230 - Residential<br>Condominium/Townhouse<br>- 1 | . 310 -<br>Hotel | 820<br>Shopping<br>Center   | · 710 -<br>· General<br>· Office<br>· Building    | 760 -<br>Research<br>and<br>Development<br>Center | 210 -<br>Single-<br>Family<br>Detached<br>Housing | Total     | External<br>Trips |
| Entry   | 10 (100%)     | 6 (60%)                               | 4 (40%)   | 0 (0%)           | 3 (30%)                     | 0 (0%)  | 0 (0%)  | 6 (60%)   | 19 (190%) | -9 (-90%)         |
| Exit    | 27 (100%)     | 1 (4%)                                | 1 (4%)  | 0 (0%)           | 5 (19%)                     | 0 (0%)  | 0 (0%)  | 1 (4%)  | 8 (30%)   | 19 (70%)          |
| Total   | 37 (100%)     | 7 (19%)                               | 5 (14%)   | . 0 (0%)         | 8 (22%)                     | 0 (0%)  | 0 (0%)  | 7 (19%)   | 27 (73%)  | 10 (27%)          |

**EXTERNAL TRIPS** 

| Land Use                                    | External Trips | Pass-by%   | Pass-by Trips | Non-pass-by<br>Trips |
|---|----------------|------------|---------------|----------------------|
| 220 - Apartment                             | 258            | 0 %        | 0             | 258                  |
| 230 - Residential Condominium/Fownhouse - 1 | 139            | 0 %        | 0             | 139                  |
| 310 - Hote!                                 | 115            | 0 %        | 0             | 115                  |
| 820 - Shopping Center                       | 397            | <b>7</b> % | 28            | 369                  |
| 710 - General Office Building               | 133            | 0 %        | 0             | 133                  |
| 760 - Research and Development Center       | 15             | 0 %        | 0             | 15                   |
| 210 - Single-Family Detached Housing        | 239            | 0 %        | 0             | 239                  |
| 720 - Medical-Dental Office Building        | 10             | 0 %        | 0             | 10                   |

#### NOTES

Project Notes:

#### ITE DEVIATION DETAILS

| Weekday, Pea   | k Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.   |
|----------------|--|
| Landuse        | No deviations from ITE.  |
| Methods        | No deviations from ITE.  |
| External Trips | 220 - Apartment ITE does not recommend a particular pass-by% for this case.                                |
|                | 230 - Residential Condominium/Townhouse - 1<br>ITE does not recommend a particular pass-by% for this case. |
|                | 310 - Hotel<br>ITE does not recommend a particular pass-by% for this case.                                 |
|                | 820 - Shopping Center The chosen pass-by% (7) is not provided by ITE. ITE recommends 32.                   |
|                | 210 - Single-Family Detached Housing ITE does not recommend a particular pass-by% for this case.           |
|                | 720 - Medical-Dental Office Building<br>ITE does not recommend a particular pass-by% for this case.        |

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

#### Weekday, P.M. Peak Hour of Generator

No deviations from LTE.

Methods

 $760\cdot Research$  and Development Center The chosen method (LOG) is not recommended by ITE. ITE recommends Average based on the

External Trips 710 - General Office Building 1TE does not recommend a particular pass-by% for this case.

760 - Research and Development Center ITE does not recommend a particular pass-by% for this case

#### SUMMARY

| Total Entering                            | 1346 |
|---|------|
| Total Exiting                             | 1210 |
| Total Entering Reduction                  | 0    |
| Total Exiting Reduction                   | 0    |
| Total Entering Internal Capture Reduction | 625  |
| Total Exiting Internal Capture Reduction  | 625  |
| Total Entering Pass-by Reduction          | 19   |
| Total Exiting Pass-by Reduction           | 9    |
| Total Entering Non-Pass-by Trips          | 702  |
| Total Exiting Non-Pass-by Trips           | 576  |

**DAILY** 

| Analysis Name :                                 | Weekday                                 |           |             |  |             |             |       |
|---|---|-----------|-------------|--|-------------|-------------|-------|
| Project Name :                                  | CenterPlace<br>Buildout 2               | - Revised | l No:       | 1  | 5568        |             |       |
| Date:   | 2/7/2017                                |           | City:       |  |             |             |       |
| State/Province:                                 |   |           | Zip/Post    | al Code:                                     |             |             |       |
| Country:  |   |           | Client N    | amo:   |             |             |       |
| Analyst's Name:                                 | JP                                      |           | Edition:    | 1  | TE-TGM 9    | th Editio   | n     |
| Land Use  | Independent<br>Variable                 | Size      | Time Period | Method                                       | Entry       | Exit        | Total |
| 220 - Apartment                                 | Dwelling Units                          | 800       | Weekday     | Best Fit (LIN)<br>T = 6.06 (X)+123.56        | 2486<br>50% | 2486<br>50% | 4972  |
| 230 - Residential<br>Condominium/Townhor<br>- 1 | Dwelling Units<br>use                   | 663       | Weekday     | Best Fit (LOG)<br>Ln(T) = 0.87Ln(X)<br>+2.46 | 1668<br>50% | 1667<br>50% | 3335  |
| 310 - Hotel                                     | Rooms                                   | 250       | Weekday     | Best Fit (LIN)<br>T = 8.95 (X)+-373.16       | 932<br>50%  | 932<br>50%  | 1864  |
| 820 - Shopping Center                           | 1000 Sq. Feet<br>Gross Leasable<br>Area | 200       | Weekday     | Best Fit (LOG)<br>Ln(T) = 0.65Ln(X)<br>+5.83 | 5328<br>50% | 5328<br>50% | 10656 |
| 710 - General Office<br>Building                | 1000 Sq. Feet<br>Gross Floor Area       | 110       | Weekday     | Best Fit (LOG)<br>Ln(T) = 0.76Ln(X)<br>+3.68 | 706<br>50%  | 705<br>50%  | 1411  |
| 760 - Research and<br>Development Center        | 1000 Sq. Feet<br>Gross Floor Area       | 20(0)     | Weekday     | Best Fit (LOG)<br>Ln(T) = 0.83Ln(X)<br>+3.09 | 132<br>50%  | 132<br>50%  | 264   |
| 210 - Single-Family<br>Detached Housing         | Dwelling Units                          | 487       | Weekday     | Best Fit (LOG)<br>Ln(T) = 0.92Ln(X)<br>+2.72 | 2253<br>50% | 2253<br>50% | 4506  |
| 720 - Medical-Dental<br>Office Building         | 1000 Sq. Feet<br>Gross Floor Area       | 10        | Weekday     | Best Fit (LIN)<br>T = 40.89 (X)+-214.9       | 97<br>7 50% | 97<br>50%   | 194   |
| (0) indicates size out of                       | range.                                  |           |             |  |             |             |       |

# TRAFFIC REDUCTIONS

| Land Use                                    | Entry<br>Reduction |     | Adjusted Entry | Exit | Reduction | Adjusted Exit |  |
|---|--------------------|-----|----------------|------|-----------|---------------|--|
| 220 - Apartment                             | O                  | %   | 2486           | 0    | %         | 2486          |  |
| 230 - Residential Condominium/Townhouse - 1 | 0                  | %   | 1668           | 0    | 9%        | 1667          |  |
| 310 - Hotel                                 | 0                  | %   | 932            | 0    | %         | 932           |  |
| 820 - Shopping Center                       | 0                  | \w. | 5328           | 0    | ]%        | 5328          |  |
| 710 - General Office Building               | 0                  | %   | 706            | 0    | 9%        | 705           |  |
| 760 - Research and Development Center       | 0                  | %   | 132            | 0    | %         | 132           |  |
| 210 - Single-Family Detached Housing        | 0                  | %   | 2253           | 0    | %         | 2253          |  |

| Land Use                             | Entry<br>Redu |    | Adjusted Entry | Exit Reduction |   | Adjusted Exit |  |
|--------------------------------------|---------------|----|----------------|----------------|---|---------------|--|
| 720 - Medical-Dental Office Building | 0             | ·% | 97             | 0              | % | 97            |  |

#### INTERNAL TRIPS

| 220 - 4 | Apartment  |                |       |              |                | 230 - Residential Co | ondomin   | ium/T   | ownhous    | e -<br>1 |
|---------|------------|----------------|-------|--------------|----------------|----------------------|-----------|---------|------------|----------|
| Exit    | 2486       | Demand Exit:   | 0     | % (0)        | Balanced:<br>0 | Demand Entry; (      | ) %       | (0)     | Entry      | 1668     |
| Entry   | 2486       | Demand Entry:  | 0     | % (0)        | Balanced:<br>0 | Demand Exit: 0       | ) %       | (0)     | Exit       | 1667     |
| 220 - A | Apartment  |                |       |              |                |                      |           |         | 310 - Ho   | tel      |
| Exit    | 2486       | Demand Exit:   | 0     | % (0)        | Balanced:<br>0 | Demand Entry: U      | 0 %       | (0)     | Entry      | 932      |
| Entry   | 2486       | Demand Entry:  | 0     | % (0)        | Balanced:<br>0 | Oemand Exit: (       | O %       | (0)     | Exit       | 932      |
| 220 - 4 | Apartment  |                |       |              |                |                      | 820 -     | Shop    | ping Cen   | ter      |
| Exit    | 2486       | Demand Exit:   | 0     | % (0)        | Balanced:<br>0 | Demand Entry:        | 0 .       | (0)     | Entry      | 5328     |
| Entry   | 2486       | Demand Entry:  | .0    | <b>%</b> (0) | Balanced:<br>0 | Demand Exil: (       | ) '%      | (0)     | Exit       | 5328     |
| 220 - / | Apartment  |                |       |              |                | 710                  | ) - Gener | al Off  | ice Bulldi | ng       |
| Exit    | 2486       | Demand Exit:   | 0     | % (0)        | Balanced:<br>0 | Demand Entry:        | 0 %       | (0)     | Entry      | 706      |
| Entry   | 2486       | Demand Entry:  | 0     | % (0)        | Balanced:<br>0 | Demand Exit:         | 0 %       | (0)     | Exit       | 705      |
| 220 - / | Apartment  |                |       |              |                | 760 - Research       | and De    | velop   | ment Cen   | ter      |
| Exit    | 2486       | Demand Exit:   | 0     | % (0)        | Balanced:<br>0 | Demand Entry:        | 0 %       | (0)     | Entry      | 132      |
| Entry   | 2486       | Demand Entry:  | 0     | % (0)        | Balanced:<br>0 | Demand Exit:         | 0 %       | (0)     | Exit       | 132      |
| 220 - / | Apartmeπt  |                |       |              |                | 210 - Single-        | Family C  | Detach  | ned Housi  | ng       |
| Exit    | 2486       | Demand Exit:   | 0     | % (0)        | Balanced:<br>0 | Demand Entry:        | 0 %       | (0)     | Entry      | 2253     |
| Entry   | 2486       | Demand Entry:  | 0     | % (0)        | Balanced:<br>0 | Demand Exit: : 0     | 0 %       | (0)     | Exit       | 2253     |
| 220 -   | Apartment  |                |       |              |                | 720 - Med            | ical-Deni | ial Off | ice Buildi | ng       |
| Exit    | 2486       | Demand Exit:   | 0     | % (0)        | Balanced:<br>0 | Demand Entry:        | 0 %       | (D)     | Entry      | 97       |
| Entry   | 2486       | Demand Entry:  | 0     | % (0)        | Balanced:<br>0 | Demand Exit:         | 0 %       | (0)     | Exit       | 97       |
| 230 -   | Residentia | l Condominium/ | Fowni | ouse - 1     |                |                      |           |         | 310 - Ho   | tel      |
| Exit    | 1667       | Demand Exit:   | 0     | % (0)        | Balanced:<br>0 | Demand Entry:        | 0 %       | (0)     | Entry      | 932      |
| Entry   | 1668       | Demand Entry:  | 0     | % (0)        | Balanced:<br>0 | Demand Exit.         | 0 %       | (0)     | Exit       | 932      |

| 230 - F   | Residential  | Condominium/T   | ownh      | ouse - 1             |   |   | 4                                     | 820 - 8   | Shoppir  | ng Cent  | er  |
|---|--|---|-----------|----------------------|---|---|---------------------------------------|---|--|--|---|
| Exit  | 1667   | Demand Exit:  | 0         | % (0                 | Balanced;<br>0  | Demand Entry:   | 0                                     | %   | (0)  | Entry  | 5328  |
| Entry   | 1668   | Demand Entry:   | 0         | % (C                 | ) Belanced:<br>0  | Demand Exit:  | 0                                     | %   | (0)  | Exit   | 5328  |
| 230 - F   | Residential  | l Condominium/T   | ownh      | ouse - 1             |   | 7   | 10 - G                                | enera   | l Office   | Buildir  | ng  |
| Exit  | 1667   | Demand Exil:  | 0         | % (0                 | Balanced:<br>0  | Demand Entry:   | . 0                                   | %   | (0)  | Entry  | 706   |
| Entry   | 1668   | Demand Entry:   | . 0       | % (0                 | Balanced:<br>0  | Demand Exit:  | 0                                     | %   | (0)  | Exit   | 705   |
| 230 - F   | Residential  | Condominium/T   | ownh      | ouse - 1             | •   | 760 - Resear  | ch an                                 | d Dev   | elopme   | nt Cent  | er  |
| Exit  | 1667   | Demand Exit:  | 0         | % (0                 | ) Balanced:<br>0  | Demand Entry:   | 0                                     | %   | (0)  | Entry  | 132   |
| Entry   | 1668   | Demand Entry:   | 0         | % (6                 | Balanced:<br>0  | Demand Exit:  | . 0                                   | %   | (0)  | Exit   | 132   |
| 230 - F   | Residentia   | 1 Condominium/1   | 'ownh     | iouse - 1            |   | 210 - Singl   | le-Fan                                | nily De   | etached  | d Housi  | ng  |
| Exit  | 1667   | Demand Exit:  | 0         | % (0                 | Balanced:<br>0  | Demand Entry:   | 0                                     | %   | (0)  | Entry  | 2253  |
| Entry   | 1668   | Demand Entry:   | .0        | % (0                 | Balanced:<br>0  | Demand Exit:  | 0                                     | %   | (0)  | Exit   | 2253  |
| 230 - 1   | Residentia   | l Condominium/1   | ownh      | ouse - 1             |   | 720 - Me  | dical                                 | -Denta  | l Office   | e Buildi   | ng  |
| Exit  | 1667   | Demand Exit:  | 0         | % (0                 | Balanced 0  | Demand Entry:   | ¦ 0                                   | ·<br>%  | (0)  | Entry  | 97  |
| Entry   | 1668   | Demand Entry:   | 0         | % (0                 | Ralanced  | Demand Exit:  | 0                                     | %   | (0)  | Exit   | 97  |
|   |  |   |           |                      |   |   |                                       |   |  |  |   |
| 310 - 1   | Hotel  |   |           |                      |   |   |                                       | 820 -   | Shoppi   | ng Cen   | ler   |
| 310 - I   | Hotel<br>932   | Demand Exit:  | 0         | % (0                 | ) Balanced:   | Demand Entry:   | . 0                                   |   | Shoppi<br>(0)                                      | ng Ceni<br>Entry   |   |
|   | 932  | Demand Exit: Demand Entry:  | 0         | % (0<br>% (0         | ) 0<br>Balanced:  | Demand Entry:   | ,                                     | .%  |  | _  |   |
| Exit  | 932<br>932   |   |           | ,                    | ) 0<br>Balanced:  | Demand Exit:  | 0                                     | .%<br>.%  | (0)  | Entry  | 5328<br>5328  |
| Exit<br>Entry   | 932<br>932   |   |           | ,                    | ) 0<br>Balanced:<br>0<br>Balanced:  | Demand Exit:  | 0                                     | .%<br>.%<br>Genera                                | (0)  | Entry<br>Exit  | 5328<br>5328<br>ng  |
| Exit<br>Entry   | 932<br>932<br>Hotel<br>932   | Demand Entry:   | 0         | % (C                 | Balanced:  Balanced:  Balanced:   | Demand Exit:  | `0<br>`0<br>710 - €                   | %<br>Genera<br>%                                  | (0)<br>(0)<br>al Office                            | Entry<br>Exit<br>e Buildi  | 5328<br>5328<br>ng  |
| Exit Entry 310 - Exit   | 932<br>932<br>Hotel<br>932   | Demand Entry: Demand Exit:  | 0         | % (C                 | Balanced:  Balanced:  Balanced:  Balanced:  | Demand Exit:  | 0<br>710 - (<br>0<br>0                | %<br>Genera<br>%<br>%                             | (0)<br>(0)<br>(1)<br>(0)<br>(0)                    | Entry Exit e Buildi Entry Exit                                       | 5328<br>5328<br>ng<br>706<br>705                                      |
| Exit Entry 310 - Exit Entry   | 932<br>932<br>Hotel<br>932   | Demand Entry: Demand Exit:  | 0         | % (C                 | Balanced: 0  Balanced: 0  Balanced: 0  Balanced: 0  Balanced:   | Demand Exit:  Demand Entry:  Demand Exit:   | 0 0 710 - 0 0 0 orch an               | %<br>Genera<br>%<br>%<br>w                        | (0)<br>(0)<br>(1)<br>(0)<br>(0)                    | Entry Exit e Buildi Entry Exit                                       | 5328<br>5328<br>ng<br>706<br>705                                      |
| Exit Entry 310 - Exit Entry 310 - Control Exit                      | 932<br>932<br>Hotel<br>932<br>932<br>Hotel<br>932                        | Demand Entry:  Demand Exit:  Demand Entry:                              | 0 0       | % (C                 | Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced:   | Demand Exit:  Demand Entry:  Demand Exit:  760 - Reseau   | 0 0 710 - 0 0 0 orch an               | % Genera % % md Dev                               | (0)<br>(0)<br>al Office<br>(0)<br>(0)              | Entry Exit e Buildi Entry Exit                                       | 5328<br>5328<br>ng<br>706<br>705                                      |
| Exit Entry 310 - Exit Entry 310 - Exit Entry                        | 932<br>932<br>Hotel<br>932<br>932<br>Hotel<br>932                        | Demand Entry: Demand Exit: Demand Entry:                                | 0 0       | % (C                 | Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced:   | Demand Exit:  Demand Entry:  Demand Exit:  760 - Resear  Demand Entry:  | 0<br>0<br>0<br>0<br>0                 | % Genera % M d Dev                                | (0)<br>(0)<br>(0)<br>(0)<br>(0)<br>reliapme<br>(0) | Entry Exit e Buildi Entry Exit ent Cen Entry Exit                    | 5328<br>5328<br>ng<br>706<br>705<br>ter<br>132                        |
| Exit Entry 310 Exit Entry 310 Exit                                  | 932<br>932<br>Hotel<br>932<br>932<br>Hotel<br>932                        | Demand Entry: Demand Exit: Demand Entry:                                | 0 0       | % (C                 | Balanced: 0 Balanced:   | Demand Exit:  Demand Entry:  Demand Exit:  760 - Resear  Demand Entry:  Demand Exit:                              | 0<br>0<br>0<br>0<br>0                 | %  General  K  K  M  K  M  M  M  M  M  M  M  M  M | (0)<br>(0)<br>(0)<br>(0)<br>(0)<br>reliapme<br>(0) | Entry Exit e Buildi Entry Exit ent Cen Entry Exit                    | 5328 5328 ng 706 705 ter 132 132                                      |
| Exit Entry 310 - Exit Entry 310 - Exit Entry 310 - Exit Entry       | 932<br>932<br>Hotel<br>932<br>932<br>Hotel<br>932<br>Hotel<br>932        | Demand Entry:  Demand Entry:  Demand Exit:  Demand Exit:  Demand Entry: | 0 0 0     | % (C                 | Balanced: 0 Balanced:                                     | Demand Exit:  Demand Exit:  760 - Resear  Demand Exit:  Demand Exit:  210 - Sing                                  | 0<br>0<br>0<br>0<br>0<br>0<br>0       | % Genera % % % Mod Dev                            | (0) (0) al Office (0) (0) elopme (0) (0)           | Entry Exit e Buildi Entry Exit ent Cen Entry Exit                    | 5328 5328 ng 706 705 ter 132 132                                      |
| Exit Entry 310 - Exit Entry 310 - Exit Entry 310 - Exit Entry 310 - | 932<br>932<br>Hotel<br>932<br>932<br>Hotel<br>932<br>932<br>Hotel<br>932 | Demand Entry: Demand Entry: Demand Exit: Demand Entry: Demand Entry:    | 0 0 0 0 0 | % (C<br>% (C<br>% (C | Balanced: 0 Balanced:                                     | Demand Exit:  Demand Entry:  Demand Entry:  Demand Entry:  Demand Exit:  210 - Sing  Demand Entry:  Demand Entry: | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | % % % hd Dev % % mily D                           | (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)            | Entry Exit a Buildi Entry Exit ent Cen Entry Exit d Housi Entry Exit | 5328<br>5328<br>ng<br>706<br>705<br>ter<br>132<br>132<br>2253<br>2253 |
| Exit Entry 310 - Exit Entry 310 - Exit Entry 310 - Exit Entry 310 - | 932<br>932<br>Hotel<br>932<br>932<br>Hotel<br>932<br>Hotel<br>932        | Demand Entry: Demand Entry: Demand Exit: Demand Entry: Demand Entry:    | 0 0 0 0 0 | % (C<br>% (C<br>% (C | Balanced: 0 Balanced: | Demand Exit:  Demand Entry:  Demand Exit:  760 - Resear  Demand Entry:  Demand Exit:  210 - Sing  Demand Entry:   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | % % % % % mily D % % 1-Dent                       | (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)            | Entry Exit a Buildi Entry Exit ent Cen Entry Exit d Housi Entry Exit | 5328<br>5328<br>ng<br>706<br>705<br>132<br>132<br>2253<br>2253        |

| 820 - 8  | Shopping C  | Center   |                                 |   |                                 |   | 7   | 10 - Ge   | nera   | al Office                               | Buildir  | ng   |
|--|---|--|---------------------------------|---|---------------------------------|---|---|---|--|---|--|--|
| Exit   | 5328  | Demand Exit:   | 0                               | %   | (0)                             | Balanced:<br>0  | Demand Entry:   | .0  | %  | (0)                                     | Entry  | 706  |
| Entry  | 5328  | Demand Entry:  | 0                               | %   | (0)                             | Bałanced:<br>0  | Demand Exit   | 0   | %  | (0)                                     | Exit   | 705  |
| 820 - 5  | Shopping (  | Center   |                                 |   |                                 |   | 760 - Researd   | ch and  | Dev  | etopme                                  | nt Cent  | er   |
| Exit   | 5328  | Demand Exit:   | 0                               | %   | (0)                             | Balanced:<br>0  | Demand Entry:   | 0   | %  | (0)                                     | Entry  | 132  |
| Entry  | 5328  | Demand Entry:  | . 0                             | %   | (0)                             | Balanced:<br>0  | Demand Exit:  | . 0   | %  | (0)                                     | Exit   | 132  |
| 820 - 5  | Shopping (  | Center   |                                 |   |                                 |   | 210 - Singl   | e-Fami  | ly D   | etached                                 | Housi  | ng   |
| Exit   | 5328  | Demand Exit:   | 0                               | %   | (0)                             | Balanced:<br>0  | Demand Entry:   | o   | %  | (0)                                     | Entry  | 2253   |
| Entry  | 5328  | Demand Entry:  | 0                               | %   | (0)                             | Balanced:<br>0  | Demand Exit:  | 0   | %  | (0)                                     | Exit   | 2253   |
| 820 - 9  | Shopping (  | Center   |                                 |   |                                 |   | 720 - Me  | dical-D   | enta   | al Office                               | Buildi   | ng   |
| Exit   | 5328  | Demand Exil:   | 0                               | %   | (0)                             | Balanced:<br>0  | Demand Entry:   | . 0   | .%   | (0)                                     | Entry  | 97   |
| Entry  | 5328  | Demand Entry:  | 0                               | <b>%</b>  | (0)                             | Balanced:<br>0  | Demand Exit:  | 0   | %  | (0)                                     | Exit   | 97   |
| 710 - (  | General Of  | fice Building  |                                 |   |                                 |   | 760 - Resear  | ch and  | Dev  | elopme                                  | ent Ceni   | ler  |
| Exit   | 705   | Demand Exit:   | 0                               | %   | (0)                             | Balanced:<br>0  | Demand Entry:   | 0   | .%   | (0)                                     | Entry  | 132  |
| Entry  | 706   | Demand Entry:  | 0                               | %   | (0)                             | Balanced:<br>0  | Demand Exit:  | . 0   | %  | (0)                                     | Exit   | 132  |
| 710 - 0  | General Of  | fice Building  |                                 |   |                                 |   | 210 - Singl   | e-Fami  | ily D  | etached                                 | d Housi  | ng   |
| Exit   |   | Demand Exit:   | 0                               | 01  | (0)                             | Balanced:<br>0  | Demand Entry:   | .0  | 0/   | (0)                                     | Entry  | 2253   |
| CAIL   | 705   | Denjana CAR.   | Ü                               | %   |                                 | U   | Domaila Citay.  | ·   | 70   |   | •  |  |
| Entry  |   | Demand Entry:  | 0                               | %<br>%  | (0)                             | Balanced:<br>0  | -   | .0  |  | (0)                                     | Exit   | 2253   |
| Entry  | 706   |  |                                 |   |                                 | Balanced:   |   | · 0   | %  | (0)                                     | Exit   |  |
| Entry  | 706   | Demand Entry:  |                                 | %   |                                 | Balanced:   | Demand Exit:  | 0<br>dical-E  | %<br>Denta   | (0)                                     | Exit   | ng   |
| Entry  | 706<br>General Of<br>705                                    | Demand Entry:  | 0                               | %<br>%  | (0)                             | Balanced:<br>0<br>Balanced:   | Demand Exit:<br>720 - Me<br>Demand Entry:   | 0<br>dical-E  | %<br>Denta<br>%  | (0)<br>al Offic                         | Exit<br>e Buildi   | ng   |
| Entry<br>710 - C<br>Exit<br>Entry                              | 706<br>General Of<br>705<br>706                             | Demand Entry:<br>fice Building<br>Demand Exit:   | 0                               | %<br>%<br>%                                     | (0)                             | Balanced:<br>0<br>Balanced:<br>0<br>Balanced:                                     | Demand Exit:<br>720 - Me<br>Demand Entry:   | 0<br>edical-E<br>0  | %<br>Dent:<br>%<br>%   | (0) al Office (0) (0)                   | Exit<br>e Buildi<br>Entry<br>Exit                                | ng<br>97<br>97                                   |
| Entry<br>710 - C<br>Exit<br>Entry                              | 706<br>General Of<br>705<br>706                             | Demand Entry:  fice Building  Demand Exit:  Demand Entry:  | 0                               | %<br>%<br>%                                     | (0)                             | Balanced:<br>0<br>Balanced:<br>0<br>Balanced:                                     | Demand Exit:  720 - Me  Demand Entry:  Demand Exit:   | 0<br>odical-E<br>0<br>0                                   | %<br>Denti<br>%<br>%<br>ily D  | (0) al Office (0) (0)                   | Exit<br>e Buildi<br>Entry<br>Exit                                | 97<br>97<br>97<br>ng                             |
| Entry 710 - 0 Exit Entry 760 - 1                               | 706<br>General Of<br>705<br>706<br>Research a               | Demand Entry:  fice Building  Demand Exit:  Demand Entry:  and Development   | 0<br>0<br>0                     | %<br>%<br>%                                     | (O)<br>(O)<br>(O)               | Balanced: 0 Balanced: 0 Balanced: 0 Balanced:                                     | Demand Exit:  720 - Me  Demand Entry:  Demand Exit:  210 - Singl  Demand Entry:   | 0<br>odical-E<br>0<br>0                                   | %<br>%<br>%<br>ily D   | (0) al Office (0) (0)                   | Exit  Buildi  Entry  Exit  d Housi                               | 97<br>97<br>97<br>ng                             |
| Entry 710 - ( Exit Entry 760 - ( Exit Entry                    | 706  General Of 705 706  Research a 132                     | Demand Entry:  fice Building  Demand Exit:  Demand Entry:  and Development  Demand Exit:   | 0<br>0<br>0<br>1 Cente<br>0     | %<br>%<br>%<br>******************************** | (0)<br>(0)<br>(0)               | Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced:                         | Demand Exit:  720 - Me  Demand Entry:  Demand Exit:  210 - Singl  Demand Entry:   | O<br>dical-E<br>O<br>O<br>le-Fam<br>O                     | % % % iily D %   | (0)<br>(0)<br>(0)<br>(0)<br>etached     | Exit  Buildi  Entry  Exit  d Housi  Entry  Exit                  | 97<br>97<br>97<br>ng<br>2253<br>2263             |
| Entry 710 - ( Exit Entry 760 - ( Exit Entry                    | 706  General Of 705 706  Research a 132                     | Demand Entry:  fice Building  Demand Exit:  Demand Entry:  and Development  Demand Exit:  Demand Entry:  | 0<br>0<br>0<br>1 Cente<br>0     | % % % % % % % % % % % % % % % % % % %           | (0)<br>(0)<br>(0)               | Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced:                         | Demand Exit:  720 - Me Demand Entry: Demand Exit:  210 - Singl Demand Entry: Demand Exit:                                       | O<br>dical-E<br>O<br>O<br>le-Fam<br>O                     | %  Sent:  %  %  Willy D  %  Control  Co | (0)<br>(0)<br>(0)<br>(0)<br>etached     | Exit  Buildi  Entry  Exit  d Housi  Entry  Exit                  | 97<br>97<br>99<br>97<br>2253<br>2263             |
| Entry 710 - 0 Exit Entry 760 - 1 Entry 760 - 1                 | 706  General Of 705 706  Research a 132 132  Research a     | Demand Entry:  fice Building  Demand Exit:  Demand Entry:  and Development  Demand Exit:  Demand Entry:  and Development   | 0<br>0<br>0<br>Cente<br>0<br>0  | % % % % % % % % % % % % % % % % % % %           | (O)<br>(O)<br>(O)<br>(O)        | Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced:                         | Demand Exit:  720 - Me Demand Entry: Demand Exit:  210 - Singl Demand Entry: Demand Exit:  720 - Me Demand Entry:               | O  odical-E  O  odical-E  O  odical-E  odical-E  odical-E | % % illy D % % Cont  | (O) al Office (O) (O) etache (O) (O)    | Exit  Buildi  Entry  Exit  d Housi  Entry  Exit  Entry  Exit     | 97<br>97<br>99<br>97<br>2253<br>2263             |
| Entry 710 - C Exit Entry 760 - C Exit Entry 760 - C Exit Entry | 706  General Of 705 706  Research 2 132 132  Research 3 132 | Demand Entry:  fice Building  Demand Exit:  Demand Entry:  and Development  Demand Entry:  Demand Entry:  Demand Entry:  Demand Entry:                           | 0 0 0 Center 0 0 0 t Center 0 0 | % % % % % % % % % % % % % % % % % % %           | (O)<br>(O)<br>(O)<br>(O)        | Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: | Demand Exit:  720 - Me Demand Entry: Demand Exit:  210 - Singl Demand Entry: Demand Exit:  720 - Me Demand Entry:               | 0 0 0 0 0 le-Fam 0 0 0 dical-I                            | % % % iily D % % Oent %  | (0) (0) (0) (0) (0) (0) (0) (0) (0) (0) | Exit  Buildi  Entry  Exit  d Housi  Entry  Exit  e Buildi  Entry | 97<br>97<br>97<br>2253<br>2263<br>97             |
| Entry 710 - C Exit Entry 760 - C Exit Entry 760 - C Exit Entry | 706  General Of 705 706  Research 2 132 132  Research 3 132 | Demand Entry:  fice Building  Demand Exit:  Demand Entry:  and Development  Demand Entry:  Demand Entry:  Demand Exit:  Demand Exit:  Demand Exit:  Demand Exit: | 0 0 0 Center 0 0 0 t Center 0 0 | % % % % % % % % % % % % % % % % % % %           | (O)<br>(O)<br>(O)<br>(O)<br>(O) | Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: | Demand Exit:  720 - Me Demand Entry: Demand Exit:  210 - Singl Demand Entry: Demand Exit:  720 - Me Demand Entry: Demand Entry: | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0                       | % % % iily D % % Opent % %   | (0) (0) (0) (0) (0) (0) (0) (0) (0) (0) | Exit  Buildi  Entry  Exit  d Housi  Entry  Exit  e Buildi  Entry | ng<br>97<br>97<br>2253<br>2263<br>ng<br>97<br>97 |

|         | Dei             | mand Entry: 0 % (0)   | Demand E  | xit: 0                      | % (0)                                  |   |  |   |               |                   |
|---------|-----------------|---|---|-----------------------------|--|---|--|---|---------------|-------------------|
| 220 - / | Apartment       |   |   |                             |  |   |  |   |               |                   |
|         | Total Trips     | Internal Trips<br>230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 · Hotel                                       | 820 -<br>Shopping<br>Center | 710 -<br>General<br>Office<br>Building | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total         | External<br>Trips |
| Entry   | 2486 (100%)     | 0 (0%)  | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%)        | 2486 (100%)       |
| Exit    | 2486 (100%)     | 0 (0%)  | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%)        | 2486 (100%)       |
| Total   | 4972 (100%)     | 0 (0%)  | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%)        | 4972 (100%)       |
| 230 - 1 | Residential Cor | ndominium/Townhouse - 1<br>Internal Trips                           |   |                             |  |   |  |   |               |                   |
|         | Total Trips     | 220 - Apartment   | 310 - Hotel                                       | 820 -<br>Shopping<br>Center | 710 •<br>General<br>Office<br>Building | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total         | External<br>Trips |
| Entry   | 1668 (100%)     | 0 (0%)  | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%)        | 1668 (100%)       |
| Exit    | 1667 (100%)     | 0 (0%)  | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%)        | 1667 (100%)       |
| Total   | 3335 (100%)     | 0 (0%)  | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%)        | 3335 (100%)       |
| 310 - 1 | Hotel           |   |   |                             |  |   |  |   |               |                   |
|         |                 | Internal Trips  |   |                             |  |   |  |   |               |                   |
|         | Total Trips     | 220 - Apartment   | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 820 -<br>Shopping<br>Center | 710 -<br>General<br>Office<br>Building | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total         | External<br>Trips |
| Entry   | 932 (100%)      | 0 (0%)  | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%)        | 932 (100%)        |
| Exit    | 932 (100%)      | 0 (0%)  | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%)        | 932 (100%)        |
| Total   | 1864 (100%)     | 0 (0%)  | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%)        | 1864 (100%)       |
| 820 -   | Shopping Cent   | er  |   |                             |  |   |  |   |               |                   |
|         | Total Trips     | Internal Trips<br>220 - Apartment                                   | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel              | 710 -<br>General<br>Office<br>Building | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total         | External<br>Trips |
| Entry   | 5328 (100%)     | 0 (0%)  | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%)        | 5328 (100%)       |
| Exit    | 5328 (100%)     | 0 (0%)  | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%)        | 5328 (100%)       |
| Total   | 10656 (100%)    | 0 (0%)  | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%)        | 10656 (100%       |
| 710 -   | General Office  | Internal Trips  |   |                             |  |   |  |   |               |                   |
|         | Total Trips     | 220 - Apartment   | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel              | 820 -<br>Shopping<br>Center            | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing | 720 -<br>Medical-<br>Dental<br>Office<br>Building | , Total       | External<br>Trips |
| Entry   | 706 (100%)      | 0 (0%)  | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | · 0 (0%)  | 0 (0%)   | 0 (0%)  | ·<br>· 0 (0%) | 706 (100%)        |
| Exit    | 705 (100%)      | 0 (0%)  | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%)        | 705 (100%)        |
| Total   | 1411 (100%)     | 0 (0%)  | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%)        | 1411 (100%)       |

| 760 - Research and  | Development Center                |   |                |                             |  |   |   |          |                   |
|---------------------|-----------------------------------|---|----------------|-----------------------------|--|---|---|----------|-------------------|
|                     | Internal Trips                    |   |                |                             |  |   |   |          |                   |
| Total Trips         | 220 - Apartment                   | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 ·<br>Hotel | 820 -<br>Shopping<br>Center | 710 -<br>General<br>Office<br>Building       | 210 - Single-<br>Family<br>Detached<br>Housing    | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total    | External<br>Trips |
| Entry 132 (100%)    | 0 (0%)                            | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                       | 0 (0%)  | 0 (0%)  | 0 (0%)   | 132 (100%)        |
| Exit 132 (100%)     | 0 (0%)                            | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                       | 0 (0%)  | 0 (0%)  | 0 (0%)   | 132 (100%)        |
| Total 264 (100%)    | 0 (0%)                            | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                       | 0 (0%)  | 0 (0%)  | 0 (0%)   | 264 (100%)        |
| 210 - Single-Family | •                                 |   |                |                             |  |   |   |          |                   |
| Total Trips         | Internal Trips<br>220 - Apartment | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 820 -<br>Shopping<br>Center | 710 -<br>General<br>Office<br>Building       | 760 -<br>Research<br>and<br>Development<br>Center | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total    | External<br>Trips |
| Entry 2253 (100%)   | 0 (0%)                            | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                       | 0 (0%)  | 0 (0%)  | 0 (0%)   | 2253 (100%)       |
| Exit 2253 (100%)    | 0 (0%)                            | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                       | 0 (0%)  | 0 (0%)  | 0 (0%)   | 2253 (100%)       |
| Total 4506 (100%)   | 0 (0%)                            | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                       | 0 (0%)  | 0 (0%)  | 0 (0%)   | 4506 (100%)       |
| 720 - Medical-Denta | l Office Building                 |   |                |                             |  |   |   |          |                   |
|                     | Internal Trips                    |   |                |                             |  |   |   |          |                   |
| Total Trips         | 220 - Apartment                   | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 820 -<br>Shopping<br>Center | 710 -<br>! General<br>! Office<br>  Building | 760 -<br>Research<br>and<br>Development<br>Center | 210 -<br>Single-<br>Family<br>Detached<br>Housing | Total    | External<br>Trips |
| Entry 97 (100%)     | 0 (0%)                            | 0 (0%)  | . 0 (0%)       | 0 (0%)                      | 0 (0%)                                       | 0 (0%)  | 0 (0%)  | 0 (0%)   | 97 (100%)         |
| Exit , 97 (100%)    | 0 (0%)                            | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                       | 0 (0%)  | 0 (0%)  | . 0 (0%) | 97 (100%)         |
| Total 194 (100%)    | 0 (0%)                            | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                       | 0 (0%)  | 0 (0%)  | 0 (0%)   | 194 (100%)        |

#### EXTERNAL TRIPS

| Land Use                                    | External Trips | Pass-by% | Pass-by Trips | Non-pass-by<br>Trips |
|---|----------------|----------|---------------|----------------------|
| 220 - Apartment                             | 4972           | 0 4      | 6 0           | 4972                 |
| 230 - Residential Condominium/Townhouse - 1 | 3335           | 0 4      | 6 0           | 3335                 |
| 310 - Hotel                                 | 1864           | .0       | 6 0           | 1864                 |
| 820 - Shopping Center                       | 10656          | 20       | 6 2131        | 8525                 |
| 710 - General Office Building               | 1411           | 0 4      | 6 0           | 1411                 |
| 760 - Research and Development Center       | 264            | 0 9      | 6 0           | 264                  |
| 210 - Single-Family Detached Housing        | 4506           | 0        | , O           | 4506                 |

| Land Use                             | External Trips | Pass-by% |   | Pass-by Trips | Non-pass-by<br>Trips |
|--------------------------------------|----------------|----------|---|---------------|----------------------|
| 720 - Medical-Dental Office Building | 194            | 0        | % | 0             | 194                  |
|                                      |                |          |   |               |                      |

#### NOTES

Project Notes:

#### ITE DEVIATION DETAILS

| Weekday        |   |
|----------------|---|
| Landuse        | No deviations from ITE.   |
| Methods        | 310 - Hotel The chosen method (LIN) is not recommended by ITE. ITE recommends Average based on the criterion.                           |
|                | 760 - Research and Development Center The chosen method (LOG) is not recommended by ITE. ITE recommends Average based on the criterion. |
|                | 720 - Medical-Dental Office Building The chosen method (LIN) is not recommended by ITE. ITE recommends Average based on the criterion.  |
| External Trips | 220 - Apartment ITE does not recommend a particular pass-by% for this case.   |
|                | 230 - Residential Condominium/Townhouse - 1 ITE does not recommend a particular pass-by% for this case.                                 |
|                | 310 - Hotel<br>ITE does not recommend a particular pass-by% for this case.  |
|                | 820 - Shopping Center<br>TTE does not recommend a particular pass-by% for this case.  |
|                | 710 - General Office Building<br>1TE does not recommend a particular pass-by% for this case.  |
|                | 760 - Research and Development Center ITE does not recommend a particular pass-by% for this case.                                       |
|                | 210 - Single-Family Detached Housing<br>ITE does not recommend a particular pass-by% for this case.                                     |
|                | 720 - Medical-Dental Office Building<br>ITE does not recommend a particular pass-by% for this case.                                     |

SUMMARY

| Total Entering                            | 13602 |
|---|-------|
| Total Exiting                             | 13600 |
| Total Entering Reduction                  | 0     |
| Total Exiting Reduction                   | 0     |
| Total Entering Internal Capture Reduction | 0     |
| Total Exiting Internal Capture Reduction  | 0     |
| Total Entering Pass-by Reduction          | 1066  |
| Total Exiting Pass-by Reduction           | 1065  |
| Total Entering Non-Pass-by Trips          | 12536 |
| Total Exiting Non-Pass-by Trips           | 12535 |

## APPENDIX C

# SHORT RANGE (2021) OTISS WORKSHEETS REVISED DEVELOPMENT PROGRAM

## AM PEAK

#### PERIOD SETTING

| Analysis Name :                                 | AM Peak Ho                              | ur      |   |  |                  |            |       |
|---|---|---------|---|--|------------------|------------|-------|
| Project Name :                                  | CenterPlace                             | - Revis | ed 5 year No:   | 15   | 568              |            |       |
| Date:   | 2/2/2017                                |         | City:   |  |                  |            |       |
| State/Province:                                 |   |         | Zip/Post  | al Code:                                     |                  |            |       |
| Country:  |   |         | Client Na   | ame:   |                  |            |       |
| Analyst's Name:                                 | JP                                      |         | Edition:  | IT   | E-TGM            | th Editic  | n     |
| Land Use  | Independent<br>Variable                 | Size    | Time Period   | Method                                       | Entry            | Exit       | Total |
| 220 - Apartment                                 | Dwelling Units                          | 600     | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Between 7 and 9<br>a.m. | Besl Fit (LIN)<br>T = 0.49 (X)+3.73          | 60<br>20%        | 238<br>80% | 298   |
| 230 - Residential<br>Condominium/Townhor<br>- 1 | Dwelling Units<br>use                   | 200     | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Belween 7 and 9<br>a.m. |  | 15<br>17%        | 75<br>83%  | 90    |
| 310 - Hotel                                     | Employees                               | 0(a)    | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Between 4 and 6<br>p.m. |  | 0                | 0<br>0%    | 0     |
| 820 - Shopping Center                           | 1000 Sq. Feet<br>Gross Leasable<br>Area | 75      | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Between 7 and 9<br>a.m. | +2.24  | 81<br>62%        | 50<br>38%  | 131   |
| 710 - General Office<br>Building                | 1000 Sq. Feet<br>Gross Floor Area       | 55      | Weekday, A.M.<br>Peak Hour of<br>Generator  | Best Fit (LOG)<br>Ln(T) = 0.8Ln(X) +1.57     | 105<br>88%       | 14<br>12%  | 119   |
| 760 - Research and<br>Development Center        | 1000 Sq. Feel<br>Gross Floor Area       | 10(0)   | Weekday, A.M.<br>Peak Hour of<br>Generator  | Best Fit (LOG)<br>Ln(T) = 0.87Ln(X)<br>+0.86 | 15<br>83%        | 3<br>17%   | 18    |
| 210 - Single-Family<br>Detached Housing         | Dwelling Units                          | 225     | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Belween 7 and 9<br>a.m. |  | <b>42</b><br>25% | 125<br>75% | 167   |
| 720 - Medical-Dental<br>Office Building         | 1000 Sq. Feet<br>Gross Floor Area       | O(o)    | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Between 7 and 9<br>a.m. |  | 0                | 0<br>0%    | 0     |
| (0) indicates size out o                        | frange.                                 |         | The time peri   | ods do not match.                            |                  |            |       |

## TRAFFIC REDUCTIONS

| Land Use                                    | Entry<br>Reduc | ction | Adjusted Entry | Exit R     | eduction | Adjusted Exit |
|---|----------------|-------|----------------|------------|----------|---------------|
| 220 - ApartmenI                             | 0              | %     | 60             | . 0        | %        | 238           |
| 230 - Residential Condominium/Townhouse - 1 | 0              | %     | 15             | . 0        | %        | 75            |
| 310 - Hotel                                 | 0              | %     | n/a            | 0          | %        | n/a           |
| 820 - Shopping Center                       | 0              | %     | 81             | 0          | %        | 50            |
| 710 - General Office Building               | 0              | %     | 105            | 0          | %        | 14            |
| 760 - Research and Development Center       | 0              | %     | 15             | 0          | %        | 3             |
| 210 - Single-Family Detached Housing        | 0              | %     | 42             | <u>;</u> 0 | %        | 125           |
| 720 - Medical-Dental Office Building        | 0              | %     | n/a            | 0          | %        | n/a           |

#### INTERNAL TRIPS

| 220 - Apartment |               |     |        |                | 230 - Residential C | ondon   | ninium/Tov  | vnhouse · | - 1 |
|-----------------|---------------|-----|--------|----------------|---------------------|---------|-------------|-----------|-----|
| Exit 238        | Demand Exit:  | 0   | % (0)  | Balanced:<br>0 | Demand Entry:       | 0       | .% (0)      | Entry     | 15  |
| Entry 60        | Demand Entry: | 0   | % (0)  | Balanced:<br>0 | Demand Exit:        | 0       | . (0)       | Exit      | 75  |
| 220 - Apartment |               |     |        |                |                     |         |             | 310 - Ho  | tel |
| Exit 238        | Demand Exit:  | 0   | % (0)  | Balanced:<br>0 | Demand Entry:       | .0      | % (0)       | Entry     | n/a |
| Entry 60        | Demand Entry: | 0   | % (0)  | Balanced:<br>0 | Demand Exit:        | 0       | ·% (0)      | Exit      | n/a |
| 220 - Apartment |               |     |        |                |                     | 1       | 820 - Shopj | oing Cent | ter |
| Exit 238        | Demand Exit:  | 1   | .% (2) | Balanced:<br>2 | Demand Entry:       | 17      | % (14)      | Entry     | 81  |
| Entry 60        | Demand Entry: | 2   | % (1)  | Balanced.      | Demand Exit:        | 14      | [% (7)      | Exit      | 50  |
| 220 - Apartment |               |     |        |                | 7                   | ′10 - G | eneral Offi | ce Buildi | ng  |
| Exit 238        | Demand Exit:  | . 2 | % (5)  | Balanced:      | Demand Entry:       | 3       | % (3)       | Entry     | 105 |
| Entry 60        | Demand Entry: | . 0 | ·% (0) | Balanced:<br>0 | Demand Exit:        | 1       | % (0)       | Exit      | 14  |
| 220 - Apartment |               |     |        |                | 760 - Resea         | ch an   | d Developr  | nent Cen  | ter |
| Exit 238        | Demand Exit.  | 2   | % (5)  | Balanced:<br>0 | Demand Entry:       | 3       | % (0)       | Entry     | 15  |
| Entry 60        | Demand Entry: | 0   | % (0)  | Balanced:<br>0 | Demand Exit:        | 1       | % (0)       | Exit      | 3   |
| 220 - Apartment | :             |     |        |                | 210 - Sìng          | le-Fan  | nily Detach | ed Housi  | ng  |

| Exit  | 238  | Demand Exit:   | 0                                       | %                          | (0)  | Balanced<br>0   | Demand Entry:   | .0                            | .% (C  | Entry  | 42   |
|---|--|--|---|----------------------------|--|---|---|-------------------------------|--|--|--|
| Entry   | 60   | Demand Entry:  | . 0                                     | %                          | (0)  | Balanced:<br>0  | Demand Exit:  | 0                             | % (0   | )) Exit  | 125  |
| 220 - /   | Apartment  |  |   |                            |  |   | 720 - Me  | dical-D                       | ental (  | Office Build   | ing  |
| Exit  | 238  | Demand Exit:   | 2                                       | %                          | (5)  | Balanced.<br>0  | Demand Entry:   |                               |  | 0) Entry   |  |
| Entry   | 60   | Demand Entry:  | 0                                       | %                          | (0)  | Balanced:<br>0  | Demand Exit:  | 1                             | % (0   | ) Exit   | n/a  |
| 230 - f   | Residential  | Condominium/T  | ownho                                   | ouse                       | - 1  |   |   |                               |  | 310 - Ho   | tel  |
| Exit  | 75   | Demand Exit:   | 0                                       | %                          | (0)  | Balanced:<br>0  | Demand Entry:   | 0                             | % ((   | O) Entry   | n/a  |
| Entry   | 15   | Demand Entry:  | 0                                       | %                          | (0)  | Balanced:<br>0  | Demand Exit:  | 0                             | % (0   | )) Exit  | n/a  |
| 230 - F   | Residential  | l Condominium/∏  | ownho                                   | ouse                       | - 1  |   |   | 82                            | 0 - St   | nopping Cen  | ter  |
| Exit  | 75   | Demand Exit:   | 1                                       | %                          | (1)  | Balanced:<br>1  | Demand Entry:   | . 17                          | :% (   | 14) Entry  | 81   |
| Entry   | 15   | Demand Entry:  | 2                                       | %                          | (0)  | Balanced:<br>0  | Demand Exit:  | 14                            | % (7   | 7) Exit  | 50   |
| 230 - F   | Residentia   | Condominium/1  | ownho                                   | ouse                       | - 1  |   | 7   | 10 - Ge                       | neral (  | Office Build   | ing  |
| Exit  | 75   | Demand Exit.   | 2                                       | ·<br>%                     | (2)  | Balanced:<br>2  | Demand Enlry:   | 3                             | % (3   | 3) Entry   | 105  |
| Entry   | 15   | Demand Entry:  | 0                                       | %                          | (0)  | Balanced:<br>0  | Demand Exit:  | 1                             | .% (0  | )) Exit  | 14   |
|   |  |  |   |                            |  |   |   |                               |  |  |  |
| 230 - 1   | Residentia   | I Condominium/∖  | ownho                                   | ouse                       | - 1  |   | 760 - Resear  | ch and                        | Devel  | opment Cen   | ter  |
| 230 - I<br>Exit   | Residentia<br>75                                       | Condominium/1 Demand Exit:   | ownho                                   | ouse<br>%                  |  | 8alanced:<br>0  | 760 - Resear<br>Demand Entry:   |                               |  | opment Cen   |  |
|   | 75   |  | 2                                       | %                          |  |   |   |                               |  | 0) Entry   |  |
| Exit<br>Entry   | 75<br>15   | Demand Exit:   | 2                                       | %<br>%                     | (2)  | 0<br>Balanced:  | Demand Entry: Demand Exit:  | ;3<br>1                       | % (f   | 0) Entry   | 15<br>3  |
| Exit<br>Entry   | 75<br>15   | Demand Exit:  Demand Entry:  | 2                                       | %<br>%                     | (2)<br>(0)<br>- 1                                  | 0<br>Balanced:  | Demand Entry: Demand Exit:  | ;3<br>1                       | % (0<br>.% (0<br>y Deta  | 0) Entry<br>0) Exit  | 15<br>3<br>ing                                   |
| Exit<br>Entry<br>230 - I  | 75<br>15<br>Residentia<br>75                           | Demand Exit: Demand Entry: Condominium/I   | 2<br>0<br>Townho                        | %<br>%<br>ouse<br>%        | (2)<br>(0)<br>- 1                                  | 0<br>Balanced:<br>0   | Demand Entry: Demand Exit: 210 - Single   | 3<br>1<br>le-Famil            | % (0<br>.% (0<br>y Deta  | D) Entry  Exit  ached Hous  Entry  | 15<br>3<br>ing                                   |
| Exit Entry 230 - I Exit Entry                                       | 75<br>15<br>Residentia<br>75<br>15                     | Demand Exit:  Demand Entry:  Condominium/I  Demand Exit:   | 2<br>0<br>ownho                         | %<br>ouse<br>%<br>%        | (2)<br>(0)<br>- 1<br>(0)<br>(0)                    | Balanced: 0 Balanced. 0 Balanced.                                     | Demand Entry:  210 - Singl Demand Entry:  Demand Exit:  | 3 1 1 0 0                     | % (0<br>y Deta<br>% (0<br>% (0   | D) Entry  Exit  ached Hous  Entry  | 15<br>3<br>ing<br>42<br>125                      |
| Exit Entry 230 - I Exit Entry                                       | 75<br>15<br>Residentia<br>75<br>15                     | Demand Exit:  Demand Entry:  Condominium/I  Demand Exit:  Demand Entry:  | 2<br>0<br>ownho                         | %<br>ouse<br>%<br>%        | (2)<br>(0)<br>-1<br>(0)<br>(0)                     | Balanced: 0 Balanced. 0 Balanced.                                     | Demand Entry:  210 - Singl Demand Entry:  Demand Exit:  | 3 1 1 0 0                     | % ((<br>y Det<br>% ((<br>% ((<br>ental   | D) Entry Exit  ached Hous D) Entry Exit  | 15<br>3<br>ing<br>42<br>125<br>ing               |
| Exit Entry 230 - I Exit Entry 230 - I                               | 75<br>15<br>Residentia<br>75<br>15<br>Residentia<br>75 | Demand Exit:  Demand Entry:  Condominium/I  Demand Exit:  Demand Entry:  Condominium/I   | 2<br>0<br>0<br>0<br>0                   | % % ouse % ouse            | (2)<br>(0)<br>-1<br>(0)<br>(0)                     | Balanced: 0 Balanced. 0 Balanced. 0 Balanced.                         | Demand Entry:  210 - Singl Demand Entry:  Demand Exil:  720 - Me  | 1<br>1<br>0<br>0<br>0         | % (0 y Det % (0 % (0 ental   | O) Entry C) Exit Control Contr | 15<br>3<br>ing<br>42<br>125<br>ing               |
| Exit Entry 230 - I Exit Entry 230 - I Exit                          | 75<br>15<br>Residentia<br>75<br>15<br>Residentia<br>75 | Demand Exit:  Demand Entry:  Condominium/I Demand Exit:  Demand Entry:  Condominium/I Demand Exit:   | 2<br>0<br>0<br>0<br>0                   | % % ouse % ouse            | (2)<br>(0)<br>-1<br>(0)<br>(0)<br>-1<br>(2)        | Balanced: 0  Balanced. 0  Balanced. 0  Balanced: 0  Balanced:         | Demand Entry:  210 - Singl Demand Entry:  Demand Exit:  720 - Me Demand Entry:  | 3 1 0 0 0 dical-D 3           | % (() % (() % (() % (() % (() % (() % (()  | 0) Entry 0) Exit ached Hous 0) Entry 0) Exit Office Build 0) Entry   | 15<br>3<br>42<br>125<br>125<br>n/a               |
| Exit Entry 230 - I Exit Entry 230 - I Exit Entry                    | 75<br>15<br>Residentia<br>75<br>15<br>Residentia<br>75 | Demand Exit:  Demand Entry:  Condominium/I Demand Exit:  Demand Entry:  Condominium/I Demand Exit:   | 2<br>0<br>0<br>0<br>0                   | % % ouse % % ouse %        | (2)<br>(0)<br>-1<br>(0)<br>(0)<br>-1<br>(2)        | Balanced: 0  Balanced. 0  Balanced. 0  Balanced: 0  Balanced:         | Demand Entry:  210 - Singl Demand Entry:  Demand Exit:  720 - Me Demand Entry:  | 3 1 le-Famil 0 0 odical-D 3 1 | % (() % () % | 0) Entry 0) Exit ached Hous 0) Entry 0) Exit Office Build 0) Entry   | 15<br>3<br>ing<br>42<br>125<br>125<br>n/a<br>n/a |
| Exit Entry 230 - I Exit Entry 230 - I Exit Entry 310 - I            | 75 15 Residentia 75 15 Residentia 75 15 15 Hotel n/a   | Demand Exit:  Demand Entry:  Condominium/I Demand Exit:  Demand Entry:  Condominium/I Demand Exit:  Demand Exit:  Demand Entry:  | 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | % % ouse % souse %         | (2)<br>(0)<br>-1<br>(0)<br>(0)<br>-1<br>(2)<br>(0) | Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: | Demand Entry:  210 - Singl Demand Entry:  Demand Exil:  720 - Me Demand Entry: Demand Exit:                             | 3 1 le-Famil 0 0 odical-D 3 1 | % (() % () % | 0) Entry 0) Exit ached Hous 0) Entry 0) Exit Office Build 0) Entry 0) Exit nopping Cer 3) Entry  | 15<br>3<br>ing<br>42<br>125<br>125<br>n/a<br>n/a |
| Exit Entry 230 - I Exit Entry 230 - I Exit Entry 310 - I Exit       | 75 15 Residentia 75 15 Residentia 75 15 Hotel n/a n/a  | Demand Exit:  Demand Entry:  Condominium/I Demand Exit:  Demand Entry:  Condominium/I Demand Exit:  Demand Exit:  Demand Entry:  | 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | % % ouse % souse %         | (2)<br>(0)<br>-1<br>(0)<br>(0)<br>-1<br>(2)<br>(0) | Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: | Demand Entry:  210 - Singi Demand Entry:  Demand Exit:  720 - Me Demand Entry: Demand Exit:  Demand Exit:  Demand Exit: | 3 1 0 0 0 0 0 3 1 8:          | % (() % (() % (() % (() % (() % (() % (() % (() % (() % (()  | 0) Entry 0) Exit ached Hous 0) Entry 0) Exit Office Build 0) Entry 0) Exit nopping Cer 3) Entry  | 15<br>3<br>42<br>125<br>ing<br>n/a<br>n/a<br>81  |
| Exit Entry 230 - I Exit Entry 230 - I Exit Entry 330 - I Exit Entry | 75 15 Residentia 75 15 Residentia 75 15 Hotel n/a n/a  | Demand Exit:  Demand Entry:  Condominium/I Demand Exit:  Demand Entry:  Condominium/I Demand Exit:  Demand Entry:  Demand Entry:  Demand Exit:  Demand Exit:  Demand Exit: | 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | % % ouse % % % souse % % % | (2)<br>(0)<br>-1<br>(0)<br>(0)<br>-1<br>(2)<br>(0) | Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: | Demand Entry:  210 - Singi Demand Entry:  Demand Exit:  720 - Me Demand Entry: Demand Exit:  Demand Exit:  Demand Exit: | 3 1 0 0 0 0 0 3 1 8:          | % (() % () % | 0) Entry 0) Exit ached Hous 0) Entry 0) Exit Office Build 0) Entry 0) Exit nopping Cer 3) Entry  | 15 3 ing 42 125 1/25 n/a n/a ster 81 50          |

|  |   |                     |                                     |   | 760 - Resear  | ch and                      | d Developm  | ent Cent  | er                             |
|--|---|---------------------|-------------------------------------|---|---|-----------------------------|---|---|--------------------------------|
| Exit n/a   | Demand Exit.  | 75                  | % (0)                               | Balanced:<br>0  | Demand Entry:   | 3                           | % (0)   | Entry   | 15                             |
| Entry n/a  | Demand Entry:   | 0                   | % (0)                               | Balanced:<br>0  | Demand Exit:  | 0                           | % (0)   | Exit  | 3                              |
| 310 - Hotel  |   |                     |                                     |   | 210 - Singl   | e-Fair                      | ily Detache   | d Housi   | ng                             |
| Exit n/a   | Demand Exit:  | 0                   | % (0)                               | Balanced:<br>0  | Demand Entry:   | 0                           | <b>%</b> (0)  | Entry   | 42                             |
| Entry n/a  | Demand Entry:   | . D                 | % (0)                               | Balanced:<br>0  | Demand Exit:  | 0                           | <sup>'</sup> % (0)  | Exit  | 125                            |
| 310 - Hotel  |   |                     |                                     |   | 720 - Me  | dical-                      | Dental Offic  | e Buildi  | ng                             |
| Exit n/a   | Demand Exit:  | 75                  | % (0)                               | Balanced:<br>0  | Demand Entry:   | 3                           | % (0)   | Entry   | n/a                            |
| Entry n/a  | Demand Entry:   | 0                   | % (0)                               | Balanced:<br>0  | Demand Exit:  | 0                           | % (0)   | Exit  | n/a                            |
| 820 - Shopping   | Center  |                     |                                     |   | 7   | 10 - G                      | eneral Offic  | e Buildi  | ng                             |
| Exit 50  | Demand Exit:  | 29                  | % (15)                              | Balanced:<br>4  | Demand Entry:   | 4                           | % (4)   | Entry   | 105                            |
| Entry 81   | Demand Entry:   | 32                  | % (26)                              | Balanced:<br>4  | Demand Exit:  | 28                          | % (4)   | Exit  | 14                             |
| 820 - Shopping   | Center  |                     |                                     |   | 760 - Resear  | ch and                      | d Developm  | ent Cent  | ter                            |
| Exit 50  | Demand Exit:  | 29                  | .% (15)                             | Balanced:<br>1  | Demand Entry:   | .4                          | % (1)   | Entry   | 15                             |
| Entry 81   | Demand Entry:   | 32                  | % (26)                              | Balanced:<br>1  | Demand Exit:  | 28                          | % (1)   | Exit  | 3                              |
| 820 - Shopping   | Center  |                     |                                     |   | 210 - Singl   | le-Fan                      | nily Detache  | d Housi   | ng                             |
|  |   |                     |                                     |   |   |                             |   |   |                                |
| Exit 50  | Demand Exit;  | 14                  | % (7)                               | Balanced:<br>1  | Demand Entry:   | 2                           | % (1)   | Entry   | 42                             |
| Exit 50<br>Entry 81  | Demand Exit:<br>Demand Entry:   | 14<br>:<br>17       | % (7)<br>% (14)                     |   | _   | 2                           | % (1)<br>% (1)  | Entry<br>Exit   | 42<br>125                      |
|  | Demand Entry:   |                     |                                     | 1<br>Balanced;  | Demand Entry: Demand Exit:  | 1                           | , ,   | Exit  | 125                            |
| Entry 81   | Demand Entry:   |                     |                                     | 1<br>Balanced;  | Demand Entry: Demand Exit:  | 1<br>adical-                | % (1)   | Exit  | 125<br>ng                      |
| Entry 81<br>820 - Shopping   | Demand Entry:   | 17                  | % (14)                              | 1 Balanced: 1 Balanced:   | Demand Entry:<br>Demand Exit:<br>720 - Me   | 1<br>adical-                | % (1)<br>Dental Offic   | Exit<br>e Buildi  | 125<br>ng                      |
| Entry 81<br>820 - Shopping<br>Exit 50  | Demand Entry:    Center     Demand Exit:   Demand Entry:  | 17                  | % (14)<br>% (15)                    | 1 Balanced: 1 Balanced: 0 Balancod:   | Demand Entry:  Demand Exit:  720 - Me  Demand Entry:  | 1<br>edical-<br>4<br>28     | % (1)  Dental Offic % (0) % (0)   | Exit<br>e Buildi<br>Entry<br>Exit                         | 125<br>ng<br>n/a<br>n/a        |
| Entry 81  820 - Shopping Exit 50  Entry 81   | Demand Entry:    Center     Demand Exit:   Demand Entry:  | 17                  | % (14)<br>% (15)                    | 1 Balanced: 1 Balanced: 0 Balancod:   | Demand Entry:  Demand Exit:  720 - Me  Demand Entry:  Demand Exit:  | 1<br>4<br>28<br>ch an       | % (1)  Dental Offic % (0) % (0)   | Exit<br>e Buildi<br>Entry<br>Exit                         | 125<br>ng<br>n/a<br>n/a        |
| Entry 81  820 - Shopping Exit 50  Entry 81  710 - General C  | Demand Entry: Center Demand Exit: Demand Entry:   | 17<br>29<br>32      | % (14)<br>% (15)<br>% (26)          | Balanced: 0 Balanced: 0 Balanced: 0   | Demand Entry:  Demand Exit:  720 - Me  Demand Entry:  Demand Exit:  760 - Resear  | 1<br>4<br>28<br>ch an       | % (1)  Dental Office % (0) % (0) d Developm                                     | Exit e Buildii Entry Exit                                 | 125<br>ng<br>n/a<br>n/a<br>ler |
| Entry 81  820 - Shopping Exit 50  Entry 81  710 - General C  | Demand Entry: Demand Exit: Demand Entry: Diffice Building Demand Exit: Demand Entry:  | 17<br>29<br>32      | % (14)<br>% (15)<br>% (26)<br>% (0) | Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced:                         | Demand Entry:  720 - Me Demand Entry:  Demand Exit:  760 - Resear Demand Entry:  Demand Entry:  | 1  adical- 4  28  ch and 0  | % (1) Dental Offic % (0) % (0) d Developm % (0)                                 | Exit  e Buildi  Entry  Exit  ent Cent  Entry  Exit        | 125 ng n/a n/a 15              |
| Entry 81  820 - Shopping Exit 50  Entry 81  710 - General C Exit 14  Entry 105                                     | Demand Entry: Demand Exit: Demand Entry: Diffice Building Demand Exit: Demand Entry:  | 17<br>29<br>32      | % (14)<br>% (15)<br>% (26)<br>% (0) | Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced:                         | Demand Entry:  720 - Me Demand Entry:  Demand Exit:  760 - Resear Demand Entry:  Demand Entry:  | 1 28 ch and 0 0             | % (1) Dental Offic % (0) % (0) d Developm % (0) % (0)                           | Exit  e Buildi  Entry  Exit  ent Cent  Entry  Exit        | 125 ng n/a n/a 15 3            |
| Entry 81  820 - Shopping Exit 50  Entry 81  710 - General C Exit 14  Entry 105  710 - General C                    | Demand Entry: Demand Exit: Demand Entry: Office Building Demand Exit: Demand Entry:   | 17<br>29<br>32<br>0 | % (14) % (15) % (26) % (0) % (0)    | Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced:             | Demand Entry:  T20 - Me Demand Entry:  Demand Exit:  760 - Resear Demand Entry:  Demand Entry:  Demand Entry:  Demand Exit:                             | 1 28 ch and 0 0             | % (1)  Dental Office % (0) % (0)  d Developm % (0) % (0) mily Detache           | Exit  e Buildii  Entry  Exit  ent Cent  Entry  Exit  Exit | 125 ng n/a n/a 15 3            |
| Entry 81  820 - Shopping Exit 50  Entry 81  710 - General C Exit 14  Entry 105  710 - General C Exit 14            | Demand Entry: Demand Entry: Demand Entry: Demand Exit: Demand Exit: Demand Entry: Demand Entry: Demand Entry: Demand Exit: Demand Exit: Demand Exit: Demand Exit: | 29<br>32<br>0<br>0  | % (14) % (15) % (26) % (0) % (0)    | Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: | Demand Entry:  720 - Me  Demand Entry:  Demand Exit:  760 - Resear  Demand Entry:  Demand Exit:  210 - Sing  Demand Entry:  Demand Entry:  Demand Exit: | 1 28 28 0 0 0               | % (1)  Dental Offic % (0) % (0) d Developm % (0) % (0) nily Detache % (0)       | Exit Entry Exit ent Cent Entry Exit ed Housi Entry Exit   | 125 ng n/a n/a 15 3 ng 42      |
| Entry 81  820 - Shopping Exit 50  Entry 81  710 - General C Exit 14  Entry 105  710 - General C Exit 14  Entry 105 | Demand Entry: Demand Entry: Demand Entry: Demand Exit: Demand Exit: Demand Entry: Demand Entry: Demand Entry: Demand Exit: Demand Exit: Demand Exit: Demand Exit: | 29<br>32<br>0<br>0  | % (14) % (15) % (26) % (0) % (0)    | Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: 0 Balanced: | Demand Entry:  720 - Me  Demand Entry:  Demand Exit:  760 - Resear  Demand Entry:  Demand Exit:  210 - Sing  Demand Entry:  Demand Entry:  Demand Exit: | 1 28 cch and 0 0 le-Fan 2 2 | % (1)  Dental Offic % (0) % (0) d Developm % (0) % (0) nily Detache % (0) % (3) | Exit Entry Exit ent Cent Entry Exit ed Housi Entry Exit   | 125 ng n/a n/a 15 3 ng 42      |

Total Trips Internal Trips

|         | D                            | emand Entry:   | 0      | % (0)   | Balanced:<br>0                              | Demand  | t Exit: 0                   | ,% (O)                                 |   |  |   |          |                   |
|---------|------------------------------|--|--------|---------|---|---------|-----------------------------|--|---|--|---|----------|-------------------|
| 760 - F | Research and                 | l Development (  | Center |         |   | 210     | ) - Single-F                | amily Deta                             | ched Housing  |  |   |          |                   |
| Exit    | 3 D                          | emand Exil: '  | 1 '    | % (0)   | Balanced:<br>0                              | Demand  | Entry: 0                    | % (0)                                  | Entry 42  |  |   |          |                   |
| Entry   | 15 D                         | emand Entry: -   | 3      | % (0)   | Balanced:<br>0                              | Demand  | Exit: 2                     | % (3)                                  | Exit 125  | 5  |   |          |                   |
| 760 - F | Research and                 | l Development (  | Center |         |   | 7       | 720 - Medica                | al-Dental C                            | ffice Building  |  |   |          |                   |
| Exit    | 3 D                          | emand Exit (   | ٬ ٥    | % (0)   | Balanced:<br>0                              | Demand  | Entry: 0                    | ³% (O                                  | Entry n/a   |  |   |          |                   |
| Entry   | 15 D                         | emand Entry:   | 0      | % (0)   | Balanced:<br>0                              | Demand  | Exit: 0                     | ·% (0)                                 | Exit n/a  |  |   |          |                   |
| 210 - 8 | Single-Family                | Detached Hous  | sing   |         |   | ;       | 720 - Medica                | al-Dental C                            | ffice Building  |  |   |          |                   |
| Exit    | 125 D                        | emand Exit:  | 2      | % (3)   | Balanced:<br>0                              | Demand  | Entry: 3                    | % (0                                   | ) Entry n/a   |  |   |          |                   |
| Entry   | 42 D                         | emand Entry.   | 0      | % (0)   | Balanced:<br>0                              | Demano  | Exit: 1                     | <sup>2</sup> % (0)                     | Exit n/a  |  |   |          |                   |
| 220 - / | Apartment<br>Total Trips     | Internal Trips<br>230 - Resident<br>Condominium<br>- 1 |        | iouse   | 310 - Hotel                                 |         | Shopping<br>Center          | 710 -<br>General<br>Office<br>Building | · 760 -<br>· Research<br>· and<br>· Development<br>· Center | 210 - Single-<br>Family<br>Detached<br>Housing | 720 -<br>Medical-<br>Dental<br>Office<br>Building | . Total  | External<br>Trips |
| Entry   | 60 (100%)                    | 0 (0%)   |        |         | 0 (0%)                                      |         | 1 (2%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | -1 (2%)  | 59 (98%)          |
| Exit    | 238 (100%)                   | 0 (0%)   |        |         | 0 (0%)                                      |         | 2 (1%)                      | 3 (1%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 5 (2%)   | 233 (98%)         |
| Total   | 298 (100%)                   | 0 (0%)   |        | ······  | 0 (0%)                                      |         | 3 (1%)                      | 3 (1%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 6 (2%)   | 292 (98%          |
| 230 -   | Residential C<br>Total Trips | Condominium/To<br>Internal Trips<br>220 - Apartmei     |        | use - 1 | 310 - Hotel                                 |         | 820 -<br>Shopping<br>Center | 710 -<br>General<br>Office<br>Building | 760 -<br>Research<br>and<br>Development<br>Center           | 210 - Single-<br>Family<br>Detached<br>Housing | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total    | External<br>Trips |
| Entry   | 15 (100%)                    | 0 (0%)   |        |         | 0 (0%)                                      |         | 0 (0%)                      | 0 (0%)                                 | •   | 0 (0%)   | 0 (0%)  | ' 0 (0%) | 15 (100%)         |
| Exit    | 75 (100%)                    | 0 (0%)   |        |         | 0 (0%)                                      |         | 1 (1%)                      | 2 (3%)                                 | 1   | 0 (0%)   | 0 (0%)  | 3 (4%)   | 72 (96%)          |
| Total   | *                            | ·  |        |         | 0 (0%)                                      |         | 1 (1%)                      | 2 (2%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 3 (3%)   | 87 (97%)          |
| 10(8)   | 90 (100%)                    | 0 (0%)   |        |         | · · · · · · · · · · · · · · · · · · ·       |         |                             |  | -1  |  |   |          |                   |
| 310 -   |                              |  |        |         |   |         | ·····                       |  |   |  |   |          |                   |
|         |                              | 0 (0%) Internal Trips 220 - Apartmen                   | nt     |         | 230 - Residential<br>Condominium/Tov<br>- 1 | vnhouse | 820 -<br>Shopping<br>Center | Office                                 | 760 -<br>: Research<br>: and<br>: Development<br>Center     | 210 - Single-<br>Family<br>Detached<br>Housing | 720 -<br>Medical-<br>Dental<br>Office<br>Building | . Total  | External<br>Trips |
|         | Hotel<br>Total Trips         | Internal Trips   | nt     |         | 230 - Residential<br>Condominium/Tov        | vnhouse | Shopping<br>Center          | General<br>Office                      | : Research<br>and<br>: Development<br>Center<br>0 (0%)      | Family<br>Detached                             | Medical-<br>Dental<br>Office                      | . Total  |                   |
| 310 -   | Hotel<br>Total Trips         | Internal Trips<br>220 - Apartme                        | nt     |         | 230 - Residential<br>Condominium/Tov<br>- 1 | vnhouse | Shopping<br>Center          | General<br>Office<br>Building          | : Research<br>and<br>: Development<br>Center                | Family<br>Detached<br>Housing                  | Medical-<br>Dental<br>Office<br>Building          |          | Trips             |

External Trips

|         |               | 220 - Apartment                       | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 710 -<br>General<br>Office<br>Building | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing    | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total    |                   |
|---------|---------------|---------------------------------------|---|----------------|--|---|---|---|----------|-------------------|
| Entry   | 81 (100%)     | 2 (2%)                                | 1 (1%)  | 0 (0%)         | 4 (5%)                                 | 1 (1%)  | 1 (1%)  | 0 (0%)  | 9 (11%)  | 72 (89%)          |
| Exit    | 50 (100%)     | 1 (2%)                                | 0 (0%)  | 0 (0%)         | 4 (8%)                                 | 1 (2%)  | 1 (2%)  | 0 (0%)  | 7 (14%)  | 43 (86%)          |
| Total   | 131 (100%)    | 3 (2%)                                | 1 (1%)  | 0 (0%)         | 8 (6%)                                 | 2 (2%)  | 2 (2%)  | 0 (0%)  | 16 (12%) | 115 (88%)         |
| 710 - G | eneral Offic  | •                                     |   |                |  |   |   |   |          |                   |
|         |               | Internal Trips                        |   |                |  |   |   |   |          |                   |
|         | Total Trips   | 220 - Apartment                       | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 820 -<br>Shopping<br>Center            | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing    | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total    | External<br>Trips |
| Entry   | 105 (100%)    | 3 (3%)                                | 2 (2%)  | 0 (0%)         | 4 (4%)                                 | 0 (0%)  | 3 (3%)  | 0 (0%)  | 12 (11%) | 93 (89%)          |
| Exit    | 14 (100%)     | 0 (0%)                                | 0 (0%)  | 0 (0%)         | 4 (29%)                                | 0 (0%)  | 0 (0%)  | 0 (0%)  | 4 (29%)  | 10 (71%)          |
| Total   | 119 (100%)    | 3 (3%)                                | 2 (2%)  | 0 (0%)         | 8 (7%)                                 | 0 (0%)  | 3 (3%)  | 0 (0%)  | 16 (13%) | 103 (87%)         |
| 760 - R | Research and  | d Development Center                  |   |                |  |   |   |   |          |                   |
|         | Total Trips   | 220 - Apartment                       | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 820 -<br>Shopping<br>Center            | 710 -<br>General<br>Office<br>Building            | 210 - Single-<br>Family<br>Detached<br>Housing    | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total    | External<br>Trips |
| Entry   | 15 (100%)     | 0 (0%)                                | 0 (0%)  | 0 (0%)         | 1 (7%)                                 | 0 (0%)  | 0 (0%)  | 0 (0%)  | 1 (7%)   | 14 (93%)          |
| Exit    | 3 (100%)      | 0 (0%)                                | 0 (0%)  | 0 (0%)         | 1 (33%)                                | 0 (0%)  | 0 (0%)  | 0 (0%)  | 1 (33%)  | 2 (67%)           |
| Total   | 18 (100%)     | 0 (0%)                                | 0 (0%)  | 0 (0%)         | 2 (11%)                                | 0 (0%)  | 0 (0%)  | 0 (0%)  | 2 (11%)  | 16 (89%)          |
| 210 - S | Single-Family | y Detached Housing                    |   |                |  |   |   |   |          |                   |
|         |               | Internal Trips                        |   |                |  |   |   |   |          |                   |
|         | Total Trips   | 220 - Apartment                       | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 820 -<br>Shopping<br>Center            | 710 -<br>General<br>Office<br>Building            | 760 -<br>Research<br>and<br>Development<br>Center | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total    | External<br>Trips |
| Entry   | 42 (100%)     | 0 (0%)                                | 0 (0%)  | 0 (0%)         | 1 (2%)                                 | 0 (0%)  | 0 (0%)  | 0 (0%)  | 1 (2%)   | 41 (98%)          |
| Exit    | 125 (100%)    | 0 (0%)                                | 0 (0%)  | 0 (0%)         | 1 (1%)                                 | 3 (2%)  | 0 (0%)  | 0 (0%)  | 4 (3%)   | 121 (97%)         |
| Total   | 167 (100%)    | 0 (0%)                                | 0 (0%)  | 0 (0%)         | 2 (1%)                                 | 3 (2%)  | 0 (0%)  | 0 (0%)  | 5 (3%)   | 162 (97%)         |
| 720 - N | Medical-Deni  | tal Office Building<br>Internal Trips |   |                |  |   |   |   |          |                   |
|         | Total Trips   | 220 - Apartment                       | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 820 -<br>Shopping<br>Center            | 710 -<br>General<br>Office<br>Building            | 760 -<br>Research<br>and<br>Development<br>Center | 210 -<br>Single-<br>Family<br>Detached<br>Housing | · Total  | External<br>Trips |
| Entry   | n/a           | 0 (0%)                                | 0 (0%)  | 0 (0%)         | 0 (0%)                                 | 0 (0%)  | 0 (0%)  | 0 (0%)  | n/a      | n/a               |
| Exit    | n/a           | 0 (0%)                                | 0 (0%)  | 0 (0%)         | 0 (0%)                                 | 0 (0%)  | 0 (0%)  | 0 (0%)  | n/a      | n/a               |
|         |               | 0 (0%)                                |   |                |  |   |   |   |          |                   |

#### EXTERNAL TRIPS

| Land Use                                    | External Trips | Pass-by% | Pass-by Trips | Non-pass-by<br>Trips |
|---|----------------|----------|---------------|----------------------|
| 220 - Apartment                             | 292            | 0 %      | 0             | 292                  |
| 230 - Residential Condominium/Townhouse - 1 | 87             | 0 %      | 0             | 87                   |
| 310 - Hotel                                 | n/a            | 0 "//n   | n/a           | n/a                  |
| 820 - Shopping Center                       | 115            | 13 %     | 15            | 100                  |
| 710 - General Office Building               | 103            | 0 %      | 0             | 103                  |
| 760 - Research and Development Center       | 16             | 0 %      | 0             | 16                   |
| 210 - Single-Family Detached Housing        | 162            | 0 %      | 0             | 162                  |
| 720 - Medical-Dental Office Building        | n/a            | 0 %      | n/a           | n/a                  |

#### **NOTES**

#### Project Notes:

#### ITE DEVIATION DETAILS

| Weekday, Peak  | Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.  |
|----------------|---|
| Landuse        | No deviations from ITE.   |
| Methods        | No deviations from ITE.   |
| External Trips | 220 - Apartment ITE does not recommend a particular pass-by% for this case. 230 - Residential Condominium/Townhouse - 1 |
|                | ITE does not recommend a particular pass-by% for this case.   |

820 - Shopping Center ITE does not recommend a particular pass-by% for this case.

210 - Single-Family Detached Housing ITE does not recommend a particular pass-by% for this case.

720 - Medical-Dental Office Building ITE does not recommend a particular pass-by% for this case.

Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.

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

Landuse

No deviations from ITE.

Methods

No deviations from ITE.

External Trips 310 - Hotel

ITE does not recommend a particular pass-by% for this case.

#### Weekday, A.M. Peak Hour of Generator

No deviations from ITE.

Methods

760 - Research and Development Center The chosen method (LOG) is not recommended by ITE. ITE recommends Average based on the

External Trips 710 - General Office Building

ITE does not recommend a particular pass-by% for this case.

760 - Research and Development Center ITE does not recommend a particular pass-by% for this case

#### SUMMARY

| Total Entering                            | 318 |
|---|-----|
| Total Exiting                             | 505 |
| Total Entering Reduction                  | 0   |
| Total Exiting Reduction                   | 0   |
| Total Entering Internal Capture Reduction | 24  |
| Total Exiting Internal Capture Reduction  | 24  |
| Total Entering Pass-by Reduction          | 9   |
| Total Exiting Pass-by Reduction           | 6   |
| Total Entering Non-Pass-by Trips          | 285 |
| Total Exiting Non-Pass-by Trips           | 475 |

## PM PEAK

#### PERIOD SETTING

| Analysis Name :                                 | PM Peak Ho                              | ur               |                                      |           |  |               |            |       |
|---|---|------------------|--------------------------------------|-----------|--|---------------|------------|-------|
| Project Name :                                  | CenterPlace                             | - Revised        | l 5 year                             | No:       | 3  | 5568          |            |       |
| Date:   | 2/2/2017                                |                  |                                      | City:     |  |               |            |       |
| State/Province:                                 |   |                  |                                      | Zip/Posta | al Code:                                     |               |            |       |
| Country:  |   |                  |                                      | Client Na | ime:   |               |            |       |
| Analyst's Name:                                 | JP                                      |                  |                                      | Edition:  | 1  | TE-TGM        | th Editio  | п     |
| Land Use  | Independent<br>Variable                 | Size             | Time P                               | eriod     | Method                                       | Entry         | Exit       | Total |
| 220 - Aparlment                                 | Dwelling Units                          | 600              | Hour of<br>Street 1<br>One Ho        | Traffic,  | Bost Fit (LIN)<br>T = 0.55 (X)+17.65         | 226<br>65%    | 122<br>35% | 348   |
| 230 - Residential<br>Condominium/Townhou<br>- 1 | Owelling Units<br>ise                   | 200              | Hour of<br>Street 7<br>One Ho        | raffic,   | Best Fit (LOG)<br>Ln(T) = 0.82Ln(X)<br>+0.32 | 71<br>67%     | 35<br>33%  | 106   |
| 310 - Hotel                                     | Employees                               | O <sub>(0)</sub> | Hour of<br>Street 1<br>One Ho        |           | Average<br>0,8                               | 0<br>0%       | 0          | O     |
| B20 - Shopping Center                           | 1000 Sq. Feet<br>Gross Leasable<br>Area | 75               | Hour of<br>Street 1<br>One Ho        |           | Bost Fit (LOG)<br>Ln(T) = 0.67Ln(X)<br>+3.31 | 237<br>48%    | 257<br>52% | 494   |
| 710 - General Office<br>Building                | 1000 Sq. Feet<br>Gross Floor Area       | 55               | Weekd<br>Peak H<br>Genera            |           | Best Fit (LIN)<br>T = 1.12 (X)+78.45         | 24<br>17%     | 116<br>83% | 140   |
| 760 - Research and<br>Development Center        | 1000 Sq. Feet<br>Gross Floor Area       | 10(0)            | Weekd<br>Peak H<br>Genera            |           | Best Fit (LOG)<br>Ln(T) = 0.83Ln(X)<br>+1.06 | 3<br>15%      | 17<br>85%  | 20    |
| 210 - Single-Family<br>Detached Housing         | Dwelling Units                          | 225              | Hour of<br>Street One Ho             |           | Best Fit (LOG)<br>Ln(T) = 0.9Ln(X) +0.6      | 137<br>51 63% | 81<br>37%  | 218   |
| 720 - Medical-Dental<br>Office Building         | 1000 Sq. Feel<br>Gross Floor Area       | O <sub>(O)</sub> | Weekd<br>Hour of<br>Street<br>One Ho | Traffic,  | Best Fit (LOG)<br>Ln(T) = 0.9Ln(X) +1.5      | 0<br>53 0%    | 0<br>0%    | 0     |
| (0) indicates size out of                       | range.                                  |                  | 1                                    | time none | ds do not match.                             |               |            |       |

TRAFFIC REDUCTIONS

| Land Use                                    | Entry<br>Redu |   | Adjusted Entry | Exit F | teduction  | Adjusted Exit |
|---|---------------|---|----------------|--------|------------|---------------|
| 220 - Aparlment                             | 0             | % | 226            | 0      | ·%         | 122           |
| 230 - Residential Condominium/Townhouse - 1 | . 0           | % | 71             | . 0    | ·%         | 35            |
| 310 - Holel                                 | 0             | % | n/a            | 0      | <b>%</b> ₁ | n/a           |
| 820 - Shopping Center                       | .0            | % | 237            | , 0    | %          | 257           |
| 710 - General Office Building               | 0             | % | 24             | 0      | ·%         | 116           |
| 760 - Research and Development Center       | 0             | % | 3              | 0      | '%         | 17            |
| 210 - Single-Family Detached Housing        | 0             | % | 137            | 0      | .%         | 81            |
| 720 - Medical-Dental Office Building        | . 0           | % | n/a            | 0      | %          | n/a           |

#### INTERNAL TRIPS

| 220 - 4 | \parlment |               |    |    |       |                 | 230 - Residential Condominium/Townhouse - 1 |    |
|---------|-----------|---------------|----|----|-------|-----------------|---|----|
| Exit    | 122       | Demand Exit:  | 0  | %  | (0)   | Balanced:<br>0  | Demand Entry: 0 % (0) Entry 71              | 1  |
| Entry   | 226       | Demand Entry: | 0  | %  | (0)   | Balanced:<br>0  | Demand Exit: 0 % (0) Exit 38                | 5  |
| 220 - 4 | Apartment |               |    |    |       |                 | 310 - Hotel                                 |    |
| Exit    | 122       | Demand Exit:  | 3  | .% | (4)   | Balanced:<br>0  | Demand Entry: 12 % (0) Entry n/             | la |
| Entry   | 226       | Demand Entry: | 0  | %  | (0)   | Balanced:<br>0  | Demand Exit: 2 % (0) Exit n/                | la |
| 220 - / | Apartment |               |    |    |       |                 | 820 - Shopping Center                       |    |
| Exit    | 122       | Demand Exit:  | 42 | %  | (51)  | Balanced.<br>24 | Demand Entry: 10 % (24) Entry 23            | 37 |
| Entry   | 226       | Demand Entry: | 46 | %  | (104) | Balanced:<br>67 | Demand Exit: +26 % (67) Exit 25             | 57 |
| 220 - / | Apartment |               |    |    |       |                 | 710 - General Office Building               |    |
| Exit    | 122       | Demand Exit:  | 4  | %  | (5)   | Balanced:<br>5  | Demand Entry: 57 % (14) Entry 24            | 4  |
| Entry   | 226       | Demand Entry: | 4  | %  | (9)   | Balanced:<br>2  | Demand Exit. · 2 % (2) Exit 11              | 16 |
| 220 - / | Apartment |               |    |    |       |                 | 760 - Research and Development Center       |    |
| Exit    | 122       | Demand Exit:  | 4  | %  | (5)   | Balanced:<br>2  | Demand Entry: 57 % (2) Entry 3              |    |
| Entry   | 226       | Demand Entry: | 4  | %  | (9)   | Balanced:<br>0  | Demand Exit: 2 % (0) Exit 1                 | 7  |
| 220 - / | Apartment |               |    |    |       |                 | 210 - Single-Family Detached Housing        |    |
| Exit    | 122       | Demand Exit:  | 0  | %  | (O)   | Balanced:<br>0  | Demand Entry: 0 % (0) Entry 13              | 37 |

| Entry 226       | Demand Entry:    | 0     | % (0)     | Balanced:<br>0             | Demand Exit. 0     | ,% (O)        | Exit 81     |
|-----------------|------------------|-------|-----------|----------------------------|--------------------|---------------|-------------|
| 220 - Apartmer  | nt               |       |           |                            | 720 - Medical      | -Dental Offic | e Building  |
| Exit 122        | Demand Exit:     | 4     | % (5)     | Balanced:<br>0             | Demand Entry: 57   | .% (O)        | Entry n/a   |
| Entry 226       | Demand Entry:    | 4     | % (9)     | Balanced:<br>0             | Demand Exit: 2     | % (0)         | Exit n/a    |
| 230 - Residenti | a) Condominium/  | Town  | iouse - 1 |                            |                    |               | 310 - Hotel |
| Exit 35         | Demand Exit:     | 3     | % (1)     | Balanced:<br>0             | Demand Entry: 12   | .% (0)        | Entry n/a   |
| Entry 71        | Demand Entry:    | 0     | % (0)     | Balanced:<br>0             | Demand Exit: 2     | % (0)         | Exit n/a    |
| 230 - Residenti | al Condominium/  | Townt | ouse - 1  |                            | •                  | 820 - Shopp   | ing Center  |
| Exit 35         | Demand Exit:     | 42    | % (15)    | Balanced:<br>15            | Demand Entry: - 10 | % (24)        | Entry 237   |
| Entry 71        | Demand Entry:    | 46    | % (33)    | Balanced:<br>33            | Demand Exit: 26    | % (67)        | Exit 257    |
| 230 - Residenti | al Condominium/  | Town  | iouse · 1 |                            | 710 - 0            | General Offic | e Building  |
| Exit 35         | Demand Exit:     | 4     | % (1)     | Balanced:<br>1             | Demand Entry: 57   | % (14)        | Entry 24    |
| Entry 71        | Demand Entry:    | . 4   | .% (3)    | Balanced:<br>2             | Demand Exit: 2     | % (2)         | Exit 11G    |
| 230 - Residenti | al Condominium/  | Town  | iouse - 1 |                            | 760 - Research an  | d Developm    | ent Center  |
| Exit 35         | Demand Exit:     | . 4   | % (1)     | Balanced:<br>1             | Demand Entry: 57   | :% (2)        | Entry 3     |
| Entry 71        | Demand Entry:    | 4     | % (3)     | Balanced:<br>0             | Demand Exit: , 2   | ·% (0)        | Exit 17     |
| 230 - Residenti | al Condominium/  | Townh | ouse - 1  |                            | 210 - Single-Far   | nily Detache  | d Housing   |
| Exit 35         | Demand Exit:     | 0     | .% (0)    | Balanced:<br>0             | Demand Entry: 0    | % (0)         | Entry 137   |
| Entry 71        | Demand Entry:    | 0     | % (0)     | Balanced:<br>0             | Demand Exit: 0     | % (0)         | Exit 81     |
| 230 - Residenti | ial Condominium/ | Town  | ouse - 1  |                            | 720 - Medical      | -Dental Offic | e Building  |
| Exit 35         | Demand Exit:     | 4     | % (1)     | Bəlanced:<br>0             | Demand Entry: 57   | % (0)         | Entry n/a   |
| Entry 71        | Demand Entry:    | 4     | :% (3)    | Balanced:<br>0             | Demand Exit: 2     | % (0)         | Exit n/a    |
| 310 - Hotel     |                  |       |           |                            |                    | 820 - Shopp   | ing Center  |
| Exit n/a        | Demand Exil:     | 16    | % (0)     | Balanced <sup>-</sup><br>0 | Demand Entry: [2   | % (5)         | Entry 237   |
| Entry n/a       | Demand Entry.    | 17    | % (0)     | Balanced:<br>0             | Demand Exit: 5     | % (13)        | Exit 257    |
| 310 - Hotel     |                  |       |           |                            | 710 - 0            | General Offic | e Building  |
| Exit n/a        | Demand Exit:     | 0     | % (0)     | Balanced:<br>0             | Demand Entry: 10   | .% (0)        | Entry 24    |
| Entry n/a       | Demand Entry:    | 0     | ,% (O)    | Balanced:<br>0             | Demand Exit: 10    | % (0)         | Exit 116    |
| 310 - Hotel     |                  |       |           |                            | 760 - Research ar  | ıd Developm   | ent Center  |
| Exit n/a        |                  |       |           |                            |                    |               | Entry 3     |

|                 | Demand Exit:   | 0  | .% (0)  | Balanced:<br>0  | Demand Entry: | 0       | % (0)          |          |     |
|-----------------|----------------|----|---------|-----------------|---------------|---------|----------------|----------|-----|
| Entry n/a       | Demand Entry:  | 0  | % (0)   | Balanced:<br>0  | Demand Exit:  | 0       | % (0)          | Exit     | 17  |
| 310 - Hotel     |                |    |         |                 | 210 · Singl   | e-Fam   | illy Detache   | d Housi  | ng  |
| Exit n/a        | Demand Exit:   | 2  | % (0)   | Balanced:<br>0  | Demand Entry: | . 0     | % (0)          | Entry    | 137 |
| Entry n/a       | Demand Entry:  | 12 | % (0)   | Balanced:<br>0  | Demand Exit:  | 3       | % (2)          | Exit     | 81  |
| 310 - Hotel     |                |    |         |                 | 720 - Me      | dical-l | Dental Offic   | e Buildi | ng  |
| Exit n/a        | Demand Exit:   | 0  | % (0)   | Bałanced:<br>0  | Demand Entry: | 0       | ·% (0)         | Entry    | n/a |
| Entry n/a       | Demand Entry:  | 0  | % (0)   | Balanced:<br>0  | Demand Exit:  | 0       | % (0)          | Exit     | n/a |
| 820 - Shopping  | Center         |    |         |                 | 7             | 10 - G  | eneral Offic   | e Buildi | ng  |
| Exit 257        | Demand Exit:   | 2  | ·% (5)  | Balanced:<br>5  | Demand Entry: | 31      | % (7)          | Entry    | 24  |
| Entry 237       | Demand Entry:  | 8  | % (19)  | Balanced:<br>19 | Demand Exit:  | 20      | % (23)         | Exit     | 116 |
| 820 - Shopping  | Center         |    |         |                 | 760 - Resear  | ch and  | d Developm     | ent Cen  | ter |
| Exit 257        | Demand Exit:   | 2  | % (5)   | Belanced:<br>1  | Demand Entry: | 31      | .% (1)         | Entry    | 3   |
| Entry 237       | Demand Entry:  | 8  | % (19)  | Balanced:<br>3  | Demand Exit:  | 20      | % (3)          | Exit     | 17  |
| 820 - Shopping  | Center         |    |         |                 | 210 - Singl   | e-Fan   | nily Detache   | d Housi  | ng  |
| Exit 257        | Demand Exit:   | 26 | ·% (67) | Balanced:<br>63 | Demand Entry: | 46      | % (63)         | Entry    | 137 |
| Entry 237       | Demand Entry:  | 10 | % (24)  | Balanced:<br>24 | Demand Exit:  | 42      | % (34)         | Exit     | 81  |
| 820 - Shopping  | Center         |    |         |                 | 720 - Me      | dical   | Dental Offic   | e Bulldi | ng  |
| Exit 257        | Demand Exit:   | 2  | % (5)   | Balanced:<br>0  | Demand Entry: | · 31    | % (0)          | Entry    | n/a |
| Entry 237       | Demand Entry:  | 8  | % (19)  | Balanced:<br>0  | Demand Exit:  | 20      | <u>,</u> % (0) | Exit     | n/a |
| 710 - General O | ffice Building |    |         |                 | 760 - Resear  | ch and  | d Developm     | ent Cen  | ter |
| Exit 116        | Demand Exit:   | 0  | % (0)   | Balanced:<br>0  | Demand Entry: | . 0     | % (0)          | Entry    | 3   |
| Entry 24        | Demand Entry:  | 0  | % (0)   | Balanced:<br>0  | Demand Exit:  | 0       | ·% (0)         | Exit     | 17  |
| 710 - General O | ffice Building |    |         |                 | 210 - Singl   | e-Farr  | ily Detache    | d Housi  | ng  |
| Exit 116        | Demand Exit:   | 1  | % (1)   | Balanced:<br>1  | Demand Entry: | . 3     | % (4)          | Entry    | 137 |
| Entry 24        | Demand Entry:  | 38 | % (9)   | Balanced:<br>2  | Demand Exit:  | . 3     | % (2)          | Exit     | 81  |
| 710 - General O | ffice Building |    |         |                 | 720 - Me      | dical-  | Dental Offic   | e Buildi | ng  |
| Exit 116        | Demand Exit:   | 0  | % (0)   | Balanced:<br>0  | Demand Entry: | 0       | % (0)          | Entry    | n/a |
| Entry 24        | Demand Entry:  | 0  | % (0)   | Balanced:       | Demand Exit:  | 0       | % (0)          | Exit     | n/a |

|                      | Research and  | d Developmen   | t Cente  | er    |   | 210    | 0 - Single-Fa   | mily Detac   | ched Housing   |   |   |  |  |
|----------------------|---|--|----------|-------|---|--------|---|--|--|---|---|--|--|
| Exit                 | 17 D  | Demand Exit:   | 2        | % (   | D) Balanced:  | Demand | Entry: 14   | % (5)  | Entry 13   | 7   |   |  |  |
| Entry                | 3 D   | Demand Entry:  | 57       | % (   | Balancad  | Demand | Exit: 4   | % (3)  | Exit 81  |   |   |  |  |
| 760 - F              | Research and  | d Developmen   | it Cente | er    |   | 7      | 720 - Medica  | al-Dental O  | ffice Building   |   |   |  |  |
|                      |   | omand Exit:  | 0        | % (   | Balanced:   |        |   | ·% (0)   |  | 1   |   |  |  |
|                      |   |  |          |       | Palanced  |        | ·   | 70 (0)   | Liki j   | •   |   |  |  |
| Entry                | 3 D   | Demand Entry:  | 0        | % (   | 0) 0  | Demand | Exit: 0   | % (0)  | Exit n/a   | ì   |   |  |  |
| 210 - 5              | Single-Family   | y Detached Ho  | using    |       |   | 7      | 720 - Medica  | i-Dental O   | ffice Building   |   |   |  |  |
| Exit                 | 81 E  | Demand Exit:   | 4        | % (   | 3) Balanced:<br>0   | Demand | f Entry: 57   | ' % (O)  | Entry n/a  | ì   |   |  |  |
| Entry                | 137   | Demand Entry:  | 4        | %     | (5) Balanced:<br>0  | Demand | 1 Exit: 2   | % (0)  | Exit n/a   | ı   |   |  |  |
| 220 - /              | Apartment   |  |          |       |   |        |   |  |  |   |   |  |  |
|                      | Total Trips   | Internal Trips<br>230 - Reside<br>Condominiu<br>- 1                        | ntial    | nhous | 310 - Hotel<br>e  |        | 820 -<br>Shopping<br>Center   | 710 -<br>General<br>Office<br>Building   | 760 -<br>Research<br>and<br>Development<br>Center  | 210 - Single-<br>Family<br>Detached<br>Housing  | 720 -<br>Medical-<br>Dental<br>Office<br>Building               | Total  | External<br>Trips  |
| Entry                | 226 (100%)  | 0 (0%)   |          |       | 0 (0%)  |        | 67 (30%)  | 2 (1%)   | 0 (0%)   | O (0%)  | 0 (0%)  | 69 (31%)   | 157 (69%)  |
| Exit                 | 122 (100%)  | 0 (0%)   |          |       | . 0 (0%)  |        | 24 (20%)  | 5 (4%)   | 2 (2%)   | 0 (0%)  | 0 (0%)  | 31 (25%)   | 91 (75%)   |
| Total                | 348 (100%)  | 0 (0%)   |          |       | 0 (0%)  |        | 91<br>(26%)   | 7 (2%)   | 2 (1%)   | .0 (0%)   | 0 (0%)  | 100 (29%)  | 248 (71%)  |
| 230 - 1              | Residential C   | Condominium<br>Internal Trip   |          | iouse | - 1   |        |   |  |  |   |   |  |  |
|                      | Total Trips   | 220 - Apartm   |          |       | 310 - Hotel   |        | 820 -<br>Shopping<br>Center   | 710 -<br>General<br>Office<br>Building   | 760 -<br>Research<br>and<br>Development<br>Center  | 210 - Single-<br>Family<br>Detached<br>Housing  | 720 -<br>Medical-<br>Dental<br>Office<br>Building               | Total  | External<br>Trips  |
|                      | 71 (100%)   | 220 - Apartm<br>O (0%)   |          |       | O (O%)  |        | Shopping<br>Center  | General<br>Office<br>Building<br>2 (3%)  | Research<br>and<br>Development<br>Center   | Family<br>Detached<br>Housing   | Medical-<br>Dental<br>Office<br>Building<br>0 (0%)              | 35 (49%)   | Trips 36 (51%)   |
| Exit                 | 71 (100%)<br>35 (100%)  | 220 - Apartm<br>O (0%)<br>O (0%)   |          |       | 0 (0%)<br>0 (0%)  |        | Shopping Center<br>33 (46%)<br>15 (43%)   | General<br>Office<br>Building  | Research<br>and<br>Development<br>Center   | Family<br>Detached<br>Housing   | Medical-<br>Dental<br>Office<br>Building                        |  | Trips  |
| Exit                 | 71 (100%)   | 220 - Apartm<br>O (0%)<br>O (0%)   |          |       | O (O%)  |        | Shopping<br>Center  | General<br>Office<br>Building<br>2 (3%)  | Research<br>and<br>Development<br>Center   | Family<br>Detached<br>Housing   | Medical-<br>Dental<br>Office<br>Building<br>0 (0%)              | 35 (49%)   | Trips 36 (51%)   |
| Exit                 | 71 (100%)<br>35 (100%)<br>106 (100%)                                      | 220 - Apartm<br>O (0%)<br>O (0%)   |          |       | 0 (0%)<br>0 (0%)  |        | Shopping Center  33 (46%) 15 (43%)  | General<br>Office<br>Building<br>2 (3%)<br>1 (3%)  | Research<br>and<br>Development<br>Center<br>0 (0%)<br>1 (3%)   | Family<br>Detached<br>Housing<br>0 (0%)<br>0 (0%)   | Medical-<br>Dental<br>Office<br>Building<br>0 (0%)<br>0 (0%)    | 35 (49%)<br>17 (49%)                             | Trips 36 (51%) 18 (51%)                                    |
| Exit<br>Total        | 71 (100%)<br>35 (100%)<br>106 (100%)                                      | 0 (0%) 0 (0%) 0 (0%) Uniternal Trip 220 - Apartm                           | s        |       | 0 (0%)<br>0 (0%)<br>0 (0%)  |        | Shopping Center  33 (46%)  15 (43%)  48  (45%)                                    | General<br>Office<br>Building<br>2 (3%)<br>1 (3%)  | Research<br>and<br>Development<br>Center<br>0 (0%)<br>1 (3%)   | Family Detached Housing 0 (0%) 0 (0%) 0 (0%)  | Medical-<br>Dental<br>Office<br>Building<br>0 (0%)<br>0 (0%)    | 35 (49%)<br>17 (49%)                             | Trips 36 (51%) 18 (51%)                                    |
| Exit<br>Total        | 71 (100%) 35 (100%) 106 (100%)  Hotel  Total Trips                        | 0 (0%) 0 (0%) 0 (0%) Uniternal Trip 220 - Apartm                           | s        |       | 0 (0%)<br>0 (0%)<br>0 (0%)<br>230 - Residen<br>Condominium                          | ntial  | Shopping Center  33 (46%) 15 (43%) 48 (45%)                                       | General Office Building 2 (3%) 1 (3%) 3 (3%) 710 - General Office                        | Research and Development Center 0 (0%) 1 (3%) 1 (1%) 760 - Research and Development Center               | Family Detached Housing 0 (0%) 0 (0%) 0 (0%)  | Medical-<br>bental Office Building 0 (0%) 0 (0%) 0 (0%) 0 (0%)  | 35 (49%)<br>17 (49%)<br>52 (49%)                 | Trips  36 (51%) 18 (51%) 54 (51%)                          |
| Exit  Total  310 - I | 71 (100%) 35 (100%) 106 (100%)  Hotel  Total Trips n/a n/a                | 220 - Apartm 0 (0%) 0 (0%) 0 (0%) Internal Trip 220 - Apartm 0 (0%) 0 (0%) | s        |       | 0 (0%)<br>0 (0%)<br>0 (0%)<br>230 - Residen<br>Condominiun<br>1<br>0 (0%)<br>0 (0%) | ntial  | Shopping Center  33 (46%) 15 (43%) 48 (45%)  820 - Shopping Center  0 (0%) 0 (0%) | General Office Building 2 (3%) 1 (3%) 3 (3%) 710 - General Office Building 0 (0%) 0 (0%) | Research and Development Center 0 (0%) 1 (3%) 1 (1%) 760 - Research and Development Center 0 (0%) 0 (0%) | Family Detached Housing  0 (0%) 0 (0%)  0 (0%)  210 - Single-Family Detached Housing  0 (0%) 0 (0%) | Medical-<br>Derital Office Building 0 (0%) 0 (0%) 0 (0%) 0 (0%) | 35 (49%)<br>17 (49%)<br>52 (49%)<br>Total        | 36 (51%) 18 (51%) 54 (51%)  External Trips                 |
| Total 310 - I        | 71 (100%) 35 (100%) 106 (100%)  Hotel  Total Trips n/a n/a                | 220 - Apartm 0 (0%) 0 (0%) 0 (0%) Internal Trip 220 - Apartm               | s        |       | 0 (0%)<br>0 (0%)<br>0 (0%)<br>230 - Residen<br>Condominium                          | ntial  | Shopping Center  33 (46%) 15 (43%) 48 (45%)  820 - Shopping Center  0 (0%)        | General Office Building 2 (3%) 1 (3%) 3 (3%) 710 - General Office Building 0 (0%)        | Research and Development Center 0 (0%) 1 (3%) 1 (1%) 760 - Research and Development Center 0 (0%)        | Family Detached Housing  0 (0%) 0 (0%)  0 (0%)  210 - Single-Family Detached Housing                | Medical-<br>Derital Office Building 0 (0%) 0 (0%) 0 (0%) 0 (0%) | 35 (49%)<br>17 (49%)<br>52 (49%)<br>Total        | Trips  36 (51%) 18 (51%) 54 (51%)  External Trips          |
| Exit Total 310 - I   | 71 (100%) 73 (100%) 106 (100%) Hotel  Total Trips n/a n/a n/a Shopping Ce | 220 - Apartm  0 (0%) 0 (0%)  1 (0%)  1 (0%)  0 (0%) 0 (0%) 0 (0%) 0 (0%)   | s sent   |       | 0 (0%)<br>0 (0%)<br>0 (0%)<br>230 - Residen<br>Condominiun<br>1<br>0 (0%)<br>0 (0%) | ntial  | Shopping Center  33 (46%) 15 (43%) 48 (45%)  820 - Shopping Center  0 (0%) 0 (0%) | General Office Building 2 (3%) 1 (3%) 3 (3%) 710 - General Office Building 0 (0%) 0 (0%) | Research and Development Center 0 (0%) 1 (3%) 1 (1%) 760 - Research and Development Center 0 (0%) 0 (0%) | Family Detached Housing  0 (0%) 0 (0%)  0 (0%)  210 - Single-Family Detached Housing  0 (0%) 0 (0%) | Medical-<br>Derital Office Building 0 (0%) 0 (0%) 0 (0%) 0 (0%) | 35 (49%)<br>17 (49%)<br>52 (49%)<br>Total<br>n/a | Trips  36 (51%) 18 (51%) 54 (51%)  External Trips  n/a n/a |

|         |              |                                |   |                | Office<br>Building          | Development<br>Center                             | Detached<br>Housing                               | Office<br>Building                                |           |                   |
|---------|--------------|--------------------------------|---|----------------|-----------------------------|---|---|---|-----------|-------------------|
| Entry   | 237 (100%)   | 24 (10%)                       | 15 (6%)   | 0 (0%)         | 19 (8%)                     | 3 (1%)  | 24 (10%)  | 0 (0%)  | 85 (36%)  | 152 (64%)         |
| Exit    | 257 (100%)   | 67 (26%)                       | 33 (13%)  | 0 (0%)         | 5 (2%)                      | 1 (0%)  | 63 (25%)  | 0 (0%)  | 169 (66%) | 88 (34%)          |
| Total   | 494 (100%)   | 91 (18%)                       | 48 (10%)  | 0 (0%)         | 24 (5%)                     | 4 (1%)  | 87 (18%)  | 0 (0%)  | 254 (51%) | 240 (49%)         |
| 710 - G | eneral Offic | e Building                     |   |                |                             |   |   |   |           |                   |
|         |              | Internal Trips                 |   |                |                             |   |   |   |           |                   |
|         | Total Trips  | 220 - Apartment                | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 820 -<br>Shopping<br>Center | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing    | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total     | External<br>Trips |
| Entry   | 24 (100%)    | 5 (21%)                        | 1 (4%)  | 0 (0%)         | 5 (21%)                     | 0 (0%)  | 2 (8%)  | 0 (0%)  | 13 (54%)  | 11 (46%)          |
| Exit    | 116 (100%)   | 2 (2%)                         | 2 (2%)  | 0 (0%)         | 19 (16%)                    | 0 (0%)  | 1 (1%)  | 0 (0%)  | 24 (21%)  | 92 (79%)          |
| Total   | 140 (100%)   | 7 (5%)                         | 3 (2%)  | 0 (0%)         | 24<br>(17%)                 | 0 (0%)  | 3 (2%)  | 0 (0%)  | 37 (26%)  | 103 (74%)         |
| 760 - R | Research and | i Development Center           |   |                |                             |   |   |   |           |                   |
|         |              | Internal Trips                 |   |                |                             |   |   |   |           |                   |
|         | Total Trips  | 220 - Apartment                | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 820 -<br>Shopping<br>Center | 710 -<br>General<br>Office<br>Building            | 210 - Single-<br>Family<br>Detached<br>Housing    | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total     | External<br>Trips |
| Entry   | 3 (100%)     | 2 (67%)                        | 1 (33%)   | 0 (0%)         | 1 (33%)                     | 0 (0%)  | 2 (67%)   | 0 (0%)  | 6 (200%)  | -3 (-100%)        |
| Exit    | 17 (100%)    | 0 (0%)                         | 0 (0%)  | 0 (0%)         | 3 (18%)                     | 0 (0%)  | 0 (0%)  | 0 (0%)  | 3 (18%)   | 14 (82%)          |
| Total   | 20 (100%)    | 2 (10%)                        | 1 (5%)  | 0 (0%)         | 4 (20%)                     | 0 (0%)  | 2 (10%)   | 0 (0%)  | 9 (45%)   | 11 (55%)          |
| 210 - S | ingle-Family | y Detached Housing             |   |                |                             |   |   |   |           |                   |
|         |              | Internal Trips                 |   |                |                             |   |   |   |           |                   |
|         | Total Trips  | 220 · Apartment                | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 820 -<br>Shopping<br>Center | 710 -<br>General<br>Office<br>Building            | 760 -<br>Research<br>and<br>Development<br>Center | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total     | External<br>Trips |
| Entry   | 137 (100%)   | 0 (0%)                         | 0 (0%)  | 0 (0%)         | 63 (46%)                    | 1 (1%)  | 0 (0%)  | 0 (0%)  | 64 (47%)  | 73 (53%)          |
| Exit    | 81 (100%)    | 0 (0%)                         | 0 (0%)  | 0 (0%)         | 24 (30%)                    | 2 (2%)  | 2 (2%)  | 0 (0%)  | 28 (35%)  | 53 (65%)          |
| Total   | 218 (100%)   | 0 (0%)                         | 0 (0%)  | 0 (0%)         | 87<br>(40%)                 | 3 (1%)  | 2 (1%)  | 0 (0%)  | 92 (42%)  | 126 (58%)         |
| 720 - N | Medical-Dent | al Office Building             |   |                |                             |   |   |   |           |                   |
|         |              | Internal Trips 220 - Apartment | 230 - Residential                                 | 310 -          | 820 -                       | · 710 ·   | . 760 -   | - 210 -   | Total     |                   |
|         | Total Trips  | 220 - Aparunens                | Condominium/Townhouse                             |                | Shopping<br>Center          | General   | Research  | Single-<br>Family                                 |           | External<br>Trips |
| Entry   | п/а          | 0 (0%)                         | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)  | 0 (0%)  | 0 (0%)  | n/a       | n/a               |
| Exit    | n/a          | 0 (0%)                         | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)  | 0 (0%)  | 0 (0%)  | n/a       | n/a               |
|         |              | 0 (0%)                         | 0 (0%)  | . 0 (0%)       | 0 (0%)                      | .0 (0%)   | 0 (0%)  | .0 (0%)   |           |                   |

EXTERNAL TRIPS

| Land Use                                    | External Trips | Pass-by%   | Pass-by Trips   | Non-pass-by<br>Trips |
|---|----------------|------------|-----------------|----------------------|
| 220 - Apartment                             | 248            | 0 '        | <sub>%</sub> 0  | 248                  |
| 230 - Residential Condominium/Townhouse - 1 | 54             | 0          | <sub>%</sub> 0  | 54                   |
| 310 - Hotel                                 | n/a            | 0          | m/a             | n/a                  |
| 820 - Shopping Center                       | 240            | <b>O</b> 7 | <sub>%</sub> 17 | 223                  |
| 710 - General Office Building               | 103            | 0          | <sub>%</sub> 0  | 103                  |
| 760 - Research and Development Center       | 11             | 0          | <sub>%</sub> 0  | 11                   |
| 210 - Single-Family Detached Housing        | 126            | 0          | <sub>%</sub> 0  | 126                  |
| 720 - Medical-Dental Office Building        | n/a            | 0 .        | % n/a           | n/a                  |

#### NOTES

#### Project Notes:

#### ITE DEVIATION DETAILS

| Landuse        | No deviations from ITE.   |
|----------------|---|
| Methods        | 720 - Medical-Dental Office Building  |
|                | The chosen method (LOG) is not recommended by ITE. ITE recommends Average based on the criterion. |
| External Trips | 220 - Apartment   |
|                | ITE does not recommend a particular pass-by% for this case.                                       |
|                | 230 - Residential Condominium/Townhouse - 1   |
|                | ITE does not recommend a particular pass-by% for this case.                                       |

820 - Shopping Center The chosen pass-by% (7) Is not provided by ITE. ITE recommends 42. 210 - Single-Family Detached Housing ITE does not recommend a particular pass-by% for this case.

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

720 - Medical-Dental Office Building ITE does not recommend a particular pass-by% for this case.

#### Weekday, P.M. Peak Hour of Generator

Landuse No deviations from ITE.

Methods

760 - Research and Development Center
The chosen method (LOG) is not recommended by ITE. ITE recommends Average based on the

criterion.

External Trips

710 - General Office Building ITE does not recommend a particular pass-by% for this case.

760 - Research and Development Center ITE does not recommend a particular pass-by% for this case.

#### SUMMARY

| Total Entering                            | 698 |
|---|-----|
| Total Exiting                             | 628 |
| Total Entering Reduction                  | 0   |
| Total Exiting Reduction                   | 0   |
| Total Entering Internal Capture Reduction | 272 |
| Total Exiting Internal Capture Reduction  | 272 |
| Total Entering Pass-by Reduction          | 11  |
| Total Exiting Pass-by Reduction           | 6   |
| Total Entering Non-Pass-by Trips          | 415 |
| Total Exiting Non-Pass-by Trips           | 350 |
|   |     |

## **DAILY**

#### PERIOD SETTING

| Analysis Name :                                 | Weekday                                 |                   |   |  |             |             |       |
|---|---|-------------------|---|--|-------------|-------------|-------|
| Project Name :                                  | CenterPlace                             | - Revise          | ed 5 year No:   |  | 15568       |             |       |
| Date:   | 2/2/2017                                |                   | City:   |  |             |             |       |
| State/Province:                                 |   |                   | Zip/Post  | al Code:                                     |             |             |       |
| Country:  |   |                   | Client N  | ame:   |             |             |       |
| Analyst's Name:                                 | JÞ                                      |                   | Edition:  |  | TE-TGM 9    | Nh Editio   | n     |
| Land Use  | Independent<br>Variable                 | Size              | Time Period   | Method                                       | Entry       | Exit        | Total |
| 220 - Apartment                                 | Dwelling Units                          | 600               | Weekday   | Best Fit (LIN)<br>T = 6.06 (X)+123.56        | 1880<br>50% | 1880<br>50% | 3760  |
| 230 - Residential<br>Condominium/Townhou<br>- 1 | Dwelling Units<br>use                   | 200               | Weekday   | Best Fit (LOG)<br>Ln(T) = 0.87Ln(X)<br>+2.46 | 588<br>50%  | 588<br>50%  | 1176  |
| 310 - Hotel                                     | Employees                               | O <sub>(0)</sub>  | Weekday, Peak<br>Hour of Adjacent<br>Street Traffic,<br>One Hour<br>Between 4 and 6<br>p.m. |  | 0<br>0%     | 0<br>0%     | 0     |
| 820 - Shopping Center                           | 1000 Sq. Feet<br>Gross Leasable<br>Area | 75                | Weekday   | Best Fit (LOG)<br>Ln(T) = 0.65Ln(X)<br>+5.83 | 2817<br>50% | 2816<br>50% | 5633  |
| 710 - General Office<br>Building                | 1000 Sq. Feet<br>Gross Floor Area       | 55                | Weekday   | Best Fit (LOG)<br>Ln(T) = 0.76Ln(X)<br>+3.68 | 417<br>50%  | 416<br>50%  | 833   |
| 760 - Research and<br>Development Center        | 1000 Sq. Feet<br>Gross Floor Area       | 10 <sup>(0)</sup> | Weekday   | Best Fit (LOG)<br>Ln(T) = 0.83Ln(X)<br>+3.09 | 75<br>50%   | 74<br>50%   | 149   |
| 210 - Single-Family<br>Detached Housing         | Dwelling Units                          | 225               | Weekday   | Bost Fit (LOG)<br>Ln(T) = 0.92Ln(X)<br>+2.72 | 1108<br>50% | 1107<br>50% | 2215  |
| 720 - Medical-Dental<br>Office Building         | 1000 Sq. Feel<br>Gross Floor Area       | $O_{(0)}$         | Weekday   | Best Fit (LIN)<br>T = 40.89 (X)+-214.9       | 0<br>7 0%   | 0%          | 0     |
| (0) indicates size out of                       | range.                                  |                   | The time perio  | ods do not match.                            |             |             |       |

#### TRAFFIC REDUCTIONS

| Land Use                                    | Entr | y<br>uction | Adjusted Entry | Exit | Reduction | Adjusted Exit |
|---|------|-------------|----------------|------|-----------|---------------|
| 220 - Aparlment                             | 0    | %           | 1880           | 0    | %         | 1880          |
| 230 - Residential Condominium/Townhouse - 1 | 0    | %           | 588            | 0    | %         | 588           |
| 310 - Hotel                                 | o    | %           | n/a            | 0    | ]%        | n/a           |
| 820 - Shopping Center                       | 0    | %           | 2817           | 0    | %         | 2816          |
| 710 - General Office Building               | 0    | %           | 417            | 0    | 9%        | 416           |
| 760 - Research and Development Center       |      |             | 75             |      |           | 74            |

| Land Use                             | Entry<br>Reduction |        | Adjusted Entry | Exit f | Reduction | Adjusted Exit |
|--------------------------------------|--------------------|--------|----------------|--------|-----------|---------------|
|                                      | 0                  | %      |                | 0      | %         |               |
| 210 - Single-Family Detached Housing | ,0                 | ·<br>% | 1108           | 0      | .%        | 1107          |
| 720 - Medical-Dental Office Building | 0                  | %      | n/a            | 0      | ·%        | n/a           |

#### INTERNAL TRIPS

| 220 - 4 | Apartment   |               |            |                    |                | 230 - Residential | Con   | domin   | ium/T  | ownhous    | e -<br>1 |
|---------|---|---------------|------------|--------------------|----------------|-------------------|-------|---------|--------|------------|----------|
| Exit    | 1880  | Demand Exit:  | 0          | % (0)              | Balanced:<br>0 | Demand Entry:     | 0     | %       | (0)    | Entry      | 588      |
| Entry   | 1880  | Demand Entry: | 0          | % (0)              | Balanced:<br>0 | Demand Exit:      | .0    | %       | (0)    | Exit       | 588      |
| 220 - # | Apartment   |               |            |                    |                |                   |       |         |        | 310 - Ho   | tel      |
| Exit    | 1880  | Demand Exit:  | 0          | % (0)              | Balanced:<br>0 | Demand Entry.     | ٠0    | %       | (0)    | Entry      | n/a      |
| Entry   | 1880  | Demand Entry: | 0          | % (0)              | Balanced:<br>0 | Demand Exit:      | 0     | ·<br>%  | (0)    | Exit       | n/a      |
| 220 - / | Apartment   |               |            |                    |                |                   |       | 820 -   | Shop   | ping Cen   | ter      |
| Exit    | 1880  | Demand Exil:  | 0          | % (0)              | Balanced:<br>0 | Demand Entry:     | · 0   | %       | (0)    | Entry      | 2817     |
| Entry   | 1880  | Demand Entry: | 0          | % (0)              | Balanced:<br>0 | Demand Exit:      | 0     | %       | (0)    | Exit       | 2816     |
| 220 - A | Apartment   |               |            |                    |                | ī                 | 10 -  | Gener   | al Off | ice Buildí | ng       |
| Exit    | 1880  | Demand Exit:  | 0          | % (0)              | Balanced:<br>0 | Demand Entry:     | 0     | %       | (0)    | Entry      | 417      |
| Entry   | 1880  | Demand Entry: | 0          | % (0)              | Balanced:<br>0 | Demand Exit:      | 0     | %       | (0)    | Exit       | 416      |
| 220 - / | Apartment   |               |            |                    |                | 760 - Resea       | rch a | ind Dev | /elop: | ment Cen   | ter      |
| Exit    | 1880  | Demand Exit:  | 0          | % (0)              | Balanced:<br>0 | Demand Entry:     | 0     | %       | (0)    | Entry      | 75       |
| Entry   | 1880  | Demand Entry: | <u>;</u> 0 | % (0)              | Balanced:<br>0 | Demand Exit:      | · 0   | %       | (0)    | Exit       | 74       |
| 220 - / | Apartment   |               |            |                    |                | 210 - Sing        | le-Fa | amily D | etaci  | ned Housi  | ing      |
| Exit    | 1880  | Demand Exit:  | 0          | % (0)              | Balanced:<br>0 | Demand Entry:     | 0     | %       | (0)    | Entry      | 1108     |
| Entry   | 1880  | Demand Entry: | .0         | % (0)              | Balanced:<br>O | Demand Exit:      | 0     | %       | (0)    | Exit       | 1107     |
| 220 - / | Apartment   |               |            |                    |                | 720 - M           | edica | al-Dent | al Off | ice Buildi | ing      |
| Exit    | 1880  | Demand Exit:  | 0          | % (0)              | Balanced:<br>0 | Demand Entry;     | . 0   | .%      | (0)    | Entry      | n/a      |
| Entry   | 1880  | Demand Entry: | . 0        | <sup>1</sup> % (0) | Balanced;<br>0 | Oemand Exit:      | . 0   | %       | (0)    | Exit       | n/a      |
| 230 - 1 | 230 - Residential Condominium/Townhouse - 1 310 - Hotel |               |            |                    |                |                   |       |         |        |            |          |

| Exit 588  | Demand Exit:  | 0             | % (0)                            | 8alanced.<br>0  | Demand Entry:  | 0                                    | % (0)   | Entry  | n/a   |
|---|---|---------------|----------------------------------|---|--|--------------------------------------|---|--|---|
| Entry 588   | Demand Entry:   | 0             | % (0)                            | Balanced:<br>0  | Demand Exit.   | 0                                    | °% (0)  | Exit   | n/a   |
| 230 - Residenti   | al Condominium/   | Town          | nouse - 1                        |   |  |                                      | 820 - Shoppi  | ing Cent   | ter   |
| Exit 588  | Demand Exit:  | 0             | % (0)                            | Balanced:<br>0  | Demand Entry:  | 0                                    | % (0)   | Entry  |   |
| Entry 588   | Demand Entry  | 0             | % (0)                            | Balanced:<br>0  | Demand Exit:   | 0                                    | % (O)   | Exit   | 2816  |
| 230 - Residenti   | al Condominium!   | Townł         | nouse - 1                        |   | 7  | 10 - 0                               | Seneral Offic   | e Buildi   | ng  |
| Exit 588  | Demand Exit   | 0             | % (0)                            | Balanced:<br>0  | Demand Entry:  | 0                                    | % (0)   | Entry  | 417   |
| Entry 588   | Demand Entry:   | 0             | % (0)                            | Balanced:<br>0  | Demand Exit:   | 0                                    | <b>%</b> (0)  | Exit   | 416   |
| 230 - Residenti   | al Condominium/   | Towni         | nouse - 1                        |   | 760 - Resear   | ch an                                | d Developm  | ent Cent   | ter   |
| Exit 588  | Demand Exit:  | 0             | % (0)                            | Balanced:<br>0  | Demand Entry:  | .0                                   | % (0)   | Entry  | 75  |
| Entry 588   | Demand Entry:   | 0             | % (0)                            | Balanced:<br>0  | Demand Exit:   | .0                                   | % (0)   | Exit   | 74  |
| 230 - Residenti   | al Condominium/   | Townl         | house - 1                        |   | 210 - Sing   | le-Fan                               | nily Detache  | d Housi  | ng  |
| Exit 588  | Demand Exit:  | 0             | .% (0)                           | Balanced:<br>0  | Demand Entry:  | .0                                   | % (0)   | Entry  | 110B  |
| Entry 588   | Demand Entry:   | 0             | % (0)                            | Balanced:<br>0  | Demand Exit:   | 0                                    | % (0)   | Exit   | 1107  |
|   |   |               |                                  |   |  |                                      |   |  |   |
| 230 - Residenti   | al Condominium/   | Townl         | nouse - 1                        |   | 720 - Me   | dical                                | -Dental Offic   | e Buildi   | ng  |
| 230 - Residenti<br>Exit 588   | al Condominium/<br>Demand Exit:   | Townl<br>0    | % (0)                            | Balanced:   | 720 - Me<br>Demand Entry:  |                                      | -Dental Offic<br>% (0)  | e Buildi<br>Entry  | -   |
|   |   |               |                                  | Balanced:<br>0<br>Balanced:<br>0  |  |                                      |   |  | -   |
| Exit 588  | Demand Exit:  | 0             | % (0)                            | 0<br>Balanced:  | Demand Entry:  | 0                                    | % (0)   | Entry<br>Exit  | n/a   |
| Exit 588<br>Entry 588   | Demand Exit:  | 0             | % (0)                            | 0<br>Balanced:<br>0<br>Balanced:  | Demand Entry: Demand Exit:   | 0                                    | % (0)<br>% (0)  | Entry<br>Exit  | n/a<br>n/a<br>ter                                     |
| Exit 588 Entry 588 310 - Hotel  | Demand Exit:<br>Demand Entry:   | 0             | % (0)<br>% (0)                   | 0<br>Balanced:<br>0   | Demand Entry: Demand Exit:   | 0                                    | % (0)<br>% (0)<br>820 - Shopp   | Entry<br>Exit<br>ing Cent  | n/a<br>n/a<br>ter                                     |
| Exit 588 Entry 588 310 - Hotel Exit n/a   | Demand Exit:  Demand Entry:  Demand Exit  | 0             | % (0)<br>% (0)<br>% (0)          | 0 Balanced: 0 Balanced: 0 Balanced:   | Demand Entry: Demand Exit:  Demand Entry: Demand Exit:   | 0 0                                  | % (0)<br>% (0)<br>820 - Shopp<br>% (0)  | Entry Exit ing Cent Entry Exit   | n/a<br>n/a<br>ter<br>2817                             |
| Exit 588 Entry 588 310 - Hotel Exit n/a Entry n/a   | Demand Exit:  Demand Entry:  Demand Exit  | 0             | % (0)<br>% (0)<br>% (0)          | O Balanced: O Balanced: O Balanced: O Balanced:   | Demand Entry: Demand Exit:  Demand Entry: Demand Exit:   | 0 0                                  | % (0) % (0) 820 - Shopp % (0) % (0)   | Entry Exit ing Cent Entry Exit   | n/a<br>n/a<br>ter<br>2817<br>2816                     |
| Exit 588 Entry 588 310 - Hotel Exit n/a Entry n/a 310 - Hotel   | Demand Exit:  Demand Entry:  Demand Exit  Demand Entry:                             | 0 0           | % (0)<br>% (0)<br>% (0)<br>% (0) | O Balanced: O Balanced: O Balanced: O O O O O O O O O O O O O O O O O O O                                   | Demand Entry:  Demand Exit:  Demand Entry:  Demand Exit:   | 0 0 0 0 710 - 0                      | % (0) % (0) 820 - Shopp % (0) % (0) General Office                              | Entry Exit ing Cent Entry Exit e Buildi                                | n/a<br>n/a<br>ter<br>2817<br>2816                     |
| Exit 588 Entry 588 310 - Hotel Exit n/a Entry n/a 310 - Hotel Exit n/a  | Demand Exit:  Demand Exit:  Demand Exit:  Demand Exit:                              | 0 0 0         | % (0)<br>% (0)<br>% (0)<br>% (0) | O Balanced: O Balanced: O Balanced: O Balanced: O Balanced:   | Demand Entry:  Demand Entry:  Demand Exit:   | 0 0 0 0 0 0 0 0 0 0 0 0              | % (0) % (0) 820 - Shopp % (0) % (0) General Offic % (0) % (0)                   | Entry Exit ing Cent Entry Exit e Buildi Entry Exit                     | n/a<br>n/a<br>ter<br>2817<br>2816<br>ng<br>417        |
| Entry 588  310 - Hotel Exit n/a Entry n/a  310 - Hotel Exit n/a Entry n/a  Entry n/a                                      | Demand Exit:  Demand Exit:  Demand Exit:  Demand Exit:                              | 0 0 0         | % (0)<br>% (0)<br>% (0)<br>% (0) | O Balanced: O Balanced: O Balanced: O Balanced: O Balanced:   | Demand Entry: Demand Entry: Demand Exit:  7 Demand Entry: Demand Entry: Demand Entry:            | 0<br>0<br>0<br>0<br>0<br>0           | % (0) % (0) 820 - Shopp % (0) % (0) General Offic % (0) % (0)                   | Entry Exit ing Cent Entry Exit e Buildi Entry Exit                     | n/a<br>n/a<br>ter<br>2817<br>2816<br>ng<br>417<br>416 |
| Exit 588 Entry 588 310 - Hotel Exit n/a Entry n/a 310 - Hotel Exit n/a Entry n/a 310 - Hotel                              | Demand Exit:  Demand Exit:  Demand Entry:  Demand Exit:  Demand Exit:  Demand Exit: | 0 0 0 0 0 0 0 | % (0) % (0) % (0) % (0)          | O Balanced: | Demand Entry: Demand Entry: Demand Exit:  7 Demand Exit: 7 Demand Exit: 760 - Resear             | 0<br>0<br>0<br>0<br>0<br>0           | % (0) % (0) 820 - Shopp % (0) % (0) General Offic % (0) % (0)                   | Entry Exit ing Cent Entry Exit e Buildi Entry Exit exit                | n/a<br>n/a<br>ter<br>2817<br>2816<br>ng<br>417<br>416 |
| Exit 588 Entry 588 310 - Hotel Exit n/a Entry n/a 310 - Hotel Exit n/a Entry n/a 310 - Hotel Exit n/a                     | Demand Exit  Demand Exit  Demand Exit:  Demand Exit:  Demand Exit:  Demand Exit:    | 0 0 0         | % (0) % (0) % (0) % (0) % (0)    | O Balanced: | Demand Entry: Demand Entry: Demand Exit:  7 Demand Exit: 760 - Resear Demand Entry: Demand Exit: | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | % (0) % (0) 820 - Shopp % (0) % (0) Seneral Offic % (0) % (0) id Developm % (0) | Entry Exit ing Cent Entry Exit e Buildi Entry Exit ent Cent Entry Exit | n/a n/a n/a n/a 2817 2816 ng 417 416 75 74            |
| Exit 588 Entry 588 310 - Hotel Exit n/a Entry n/a 310 - Hotel Exit n/a Entry n/a 310 - Hotel Exit n/a Entry n/a Entry n/a | Demand Exit  Demand Exit  Demand Exit:  Demand Exit:  Demand Exit:  Demand Exit:    | 0 0 0         | % (0) % (0) % (0) % (0) % (0)    | O Balanced: | Demand Entry: Demand Entry: Demand Exit:  7 Demand Exit: 760 - Resear Demand Entry: Demand Exit: | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | % (0) % (0) 820 - Shopp % (0) % (0) % (0) d Developm % (0) % (0) % (0)          | Entry Exit ing Cent Entry Exit e Buildi Entry Exit ent Cent Entry Exit | n/a n/a n/a n/a n/a 2817 2816 ng 417 416 ter 75 74    |

| 310 - Hotel     |                 |          |            |                | 720 - Medical     | -Dental Offic      | e Building  |
|-----------------|-----------------|----------|------------|----------------|-------------------|--------------------|-------------|
| Exit n/a        | Demand Exit:    | 0        | % (0)      | Balanced:<br>0 | Demand Entry: 10  | % (0)              | Entry n/a   |
| Entry n/a       | Demand Entry.   | 0        | % (O)      | Balanced:<br>0 | Demand Exit: 10   | % (0)              | Exit n/a    |
| 820 - Shopping  | Center          |          |            |                | 710 - 0           | General Offic      | e Building  |
| Exit 2816       | Demand Exit:    | 0        | % (0)      | Balanced:<br>0 | Demand Entry: 0   | % (0)              | Entry 417   |
| Entry 2817      | Demand Entry:   | 0        | % (0)      | Balanced:<br>0 | Demand Exit: 0    | % (0)              | Exil 416    |
| 820 - Shopping  | Center          |          |            |                | 760 · Research ar | nd Devetopm        | ent Center  |
| Exit 2816       | Demand Exit:    | 0        | % (0)      | Balanced:<br>0 | Demand Entry: 0   | % (0)              | Entry 75    |
| Entry 2817      | Demand Entry:   | 0        | % (0)      | Balanced:<br>0 | Demand Exit: 0    | % (0)              | Exit 74     |
| 820 - Shopping  | Center          |          |            |                | 210 - Single-Fa   | mily Detache       | ed Housing  |
| Exit 2816       | Demand Exit:    | 0        | % (0)      | Balanced:<br>0 | Demand Entry: 0   | % (0)              | Entry 1108  |
| Entry 2817      | Demand Entry:   | 0        | % (0)      | Balanced:<br>0 | Demand Exit: 0    | % (0)              | Exit 1107   |
| 820 - Shopping  | Center          |          |            |                | 720 - Medica      | I-Dental Offic     | ce Building |
| Exit 2816       | Demand Exit:    | 0        | % (0)      | Balanced:<br>0 | Demand Entry: 0   | .% (0)             | Entry n/a   |
| Entry 2817      | Demand Entry:   | : 0<br>: | ·% (0)     | Balanced:<br>0 | Demand Exit: 0    | <sub>.</sub> % (0) | Exit n/a    |
| 710 - General C | Office Building |          |            |                | 760 - Research a  | nd Developm        | nent Center |
| Exit 416        | Demand Exit:    | 0        | % (0)      | Balanced:<br>0 | Demand Entry: : 0 | % (0)              | Entry 75    |
| Entry 417       | Demand Entry:   | 0        | % (0)      | Balanced:<br>0 | Demand Exit: 0    | .% (0)             | Exit 74     |
| 710 - General C | Office Building |          |            |                | 210 - Single-Fa   | mily Detache       | ed Housing  |
| Exit 416        | Demand Exit:    | 0        | ·<br>% (0) | Balanced:<br>0 | Demand Entry: 0   | % (0)              | Entry 1108  |
| Entry 417       | Demand Entry:   | 0        | % (0)      | Balanced.<br>0 | Demand Exit: 0    | % (0)              | Exit 1107   |
| 710 - General C | Office Building |          |            |                | 720 - Medica      | I-Dental Offic     | ce Building |
| Exit 416        | Demand Exit:    | 0        | % (0)      | Balanced:<br>0 | Demand Entry: 10  | % (0)              | Entry n/a   |
| Entry 417       | Demand Entry:   | 0        | % (0)      | Balanced:<br>0 | Demand Exit: 0    | .% (0)             | Exit n/a    |
| 760 - Research  | and Developmen  | at Cen   | ter        |                | 210 - Single-Fa   | mily Detache       | ed Housing  |
| Exit 74         | Demand Exit:    | . 0      | % (0)      | Balanced:<br>0 | Demand Entry: , 0 | % (0)              | Entry 1108  |
| Entry 75        | Demand Entry:   | 0        | % (0)      | Balanced:<br>0 | Demand Exit: 0    | % (0)              | Exit 1107   |
| 760 - Research  | and Developmer  | nt Cen   | iter       |                | 720 - Medica      | l-Dental Offi      | ce Building |
| Exit 74         | Demand Exit.    | 0        | % (0)      | Balanced:<br>0 | Demand Entry: • 0 | % (0)              | Entry n/a   |
| Entry 75        | Demand Entry:   | 0        | % (0)      | Balanced:      | Demand Exit: 0    | % (0)              | Exit n/a    |

| 210 - S | ingle-Family     | Detached Ho  | using |         | 7:  | 20 - Medical                | l-Dental Off                           | ice Building                                      |  |   |        |                   |
|---------|------------------|--|-------|---------|---|-----------------------------|--|---|--|---|--------|-------------------|
| Exit    | 1 <b>10</b> 7 De | emand Exit:  | 0     | % (0)   | Balanced: Demand                                  | Entry: 0                    | % (0)                                  | Entry n/a   |  |   |        |                   |
| Entry   | 1108 De          | emand Entry:                                       | 0     | % (0)   | Balanced: Demand                                  | Exil: 0                     | ·% (0)                                 | Exit n/a  |  |   |        |                   |
| 220 - A | partment         |  |       |         |   |                             |  |   |  |   |        |                   |
|         | Total Trips      | Internal Trip<br>230 - Reside<br>Condominiu<br>- 1 | ntial | ihouse  | 310 - Hotel                                       | 820 -<br>Shopping<br>Center | 710 -<br>General<br>Office<br>Building | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total  | External<br>Trips |
| Entry   | 1880 (100%)      | 0 (0%)   |       |         | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%) | 1880 (100%)       |
| Exit    | 1880 (100%)      | 0 (0%)   |       |         | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%) | 1880 (100%)       |
| Total   | 3760 (100%)      | 0 (0%)   |       |         | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%) | 3760 (100%)       |
| 230 - F | Residential Co   | ndominium/i<br>Internal Trip                       |       | use - 1 |   |                             |  |   |  |   |        |                   |
|         | Total Trips      | 220 · Apartn                                       | nent  |         | 310 - Hotel                                       | 820 -<br>Shopping<br>Center | 710 -<br>General<br>Office<br>Building | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Famlly<br>Detached<br>Housing | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total  | External<br>Trips |
| Entry   | 588 (100%)       | 0 (0%)   |       |         | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%) | 588 (100%)        |
| Exit    | 588 (100%)       | 0 (0%)   |       |         | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%) | 588 (100%)        |
| Total   | 1176 (100%)      | 0 (0%)   |       |         | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%) | 1176 (100%)       |
| 310 - H | lotei            |  |       |         |   |                             |  |   |  |   |        |                   |
|         |                  | Internal Trip                                      | s     |         |   |                             |  |   |  |   |        |                   |
|         | Total Trips      | 220 - Apartn                                       | nent  |         | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 820 -<br>Shopping<br>Center | 710 ·<br>General<br>Office<br>Building | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total  | External<br>Trips |
| Entry   | n/a              | 0 (0%)   |       |         | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | n/a    | n/a               |
| Exit    | n/a              | 0 (0%)   |       |         | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | n/a    | n/a               |
| Total   | n/a              | 0 (0%)   |       |         | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | n/a    | n/a               |
| 820 - 5 | Shopping Cen     | iter   |       |         |   |                             |  |   |  |   |        |                   |
|         |                  | Internal Trip                                      | 05    |         |   |                             |  |   |  |   |        |                   |
|         | Total Trips      | 220 - Apartn                                       | nent  |         | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel              | 710 -<br>General<br>Office<br>Building | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total  | External<br>Trips |
| Entry   | 2817 (100%)      | 0 (0%)   |       |         | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%) | 2817 (100%)       |
| Exit    | 2816 (100%)      | 0 (0%)   |       |         | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%) | 2816 (100%)       |
| Total   | 5633 (100%)      | 0 (0%)   |       |         | 0 (0%)  | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)   | 0 (0%)  | 0 (0%) | 5633 (100%)       |
| 710 - ( | General Office   | Building   | os    |         |   |                             |  |   |  |   |        |                   |
|         | Total Trips      | 220 - Apartn                                       | ment  |         | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel              |  | 760 -<br>Research<br>and<br>Development<br>Center | 210 - Single-<br>Family<br>Detached<br>Housing | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total  | External<br>Trips |

| ٠,      | 417 (100%)    | 1                                  | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)  |        | 417 (100%)        |
|---------|---------------|------------------------------------|---|----------------|-----------------------------|--|---|---|--------|-------------------|
|         | • •           | 0 (0%)                             | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)  | 0 (0%) | 416 (100%)        |
| Total   | 833 (100%)    | 0 (0%)                             | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)  | 0 (0%) | 833 (100%)        |
| 760 - R |               | Development Center                 |   |                |                             |  |   |   |        |                   |
|         |               | Internal Trips                     |   |                |                             |  |   |   |        |                   |
|         | Total Trips   | 220 - Apartment                    | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 820 -<br>Shopping<br>Center | 710 -<br>General<br>Office<br>Building | 210 - Single-<br>Family<br>Detached<br>Housing    | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total  | External<br>Trips |
| Entry   | 75 (100%)     | 0 (0%)                             | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)  | 0 (0%) | 75 (100%)         |
| Exit    | 74 (100%)     | 0 (0%)                             | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)  | 0 (0%) | 74 (100%)         |
| Total   | 149 (100%)    | 0 (0%)                             | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)  | 0 (0%) | 149 (100%)        |
| 210 - S | ingle-Family  | Detached Housing<br>Internal Trips |   |                |                             |  |   |   |        |                   |
|         | Total Trips   | 220 - Apartment                    | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 820 -<br>Shopping<br>Center | 710 -<br>General<br>Office<br>Building | 760 -<br>Research<br>and<br>Development<br>Center | 720 -<br>Medical-<br>Dental<br>Office<br>Building | Total  | External<br>Trips |
| Entry   | 1108 (100%)   | 0 (0%)                             | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)  | 0 (0%) | 1108 (100%)       |
| Exit    | 1107 (100%)   | 0 (0%)                             | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)  | 0 (0%) | 1107 (100%)       |
| Total   | 2215 (100%)   | 0 (0%)                             | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)  | 0 (0%) | 2215 (100%)       |
| 720 - N | Medical-Denta | I Office Building                  |   |                |                             |  |   |   |        |                   |
|         |               | Internal Trips                     |   |                |                             |  |   |   |        |                   |
|         | Total Trips   | 220 - Apartment                    | 230 - Residential<br>Condominium/Townhouse<br>- 1 | 310 -<br>Hotel | 820 -<br>Shopping<br>Center | 710 -<br>General<br>Office<br>Building | 760 -<br>Research<br>and<br>Development<br>Center | 210 -<br>Single-<br>Family<br>Detached<br>Housing | Totai  | External<br>Trips |
| Entry   | ก/ล           | 0 (0%)                             | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)  | n/a    | n/a               |
| Littiy  |               |                                    |   |                |                             |  |   |   |        |                   |
| •       | n/a           | 0 (0%)                             | 0 (0%)  | 0 (0%)         | 0 (0%)                      | 0 (0%)                                 | 0 (0%)  | 0 (0%)  | n/a    | n/a               |

#### EXTERNAL TRIPS

| Land Use                                    | External Trips | Pass-by% |   | Pass-by Trips | Non-pass-by<br>Trips |
|---|----------------|----------|---|---------------|----------------------|
| 220 - Apartment                             | 3760           | 0        | % | 0             | 3760                 |
| 230 - Residential Condominium/Townhouse - 1 | 1176           | 0        | % | 0             | 1176                 |
| 310 - Hotel                                 | n/a            | . 0      | % | n/a           | n/a                  |
| 820 - Shopping Center                       | 5633           | · 20     | % | 1127          | 4506                 |
| 710 - General Office Building               | 833            | 0        | % | 0             | 833                  |
| 760 - Research and Development Center       | 149            |          |   | 0             | 149                  |

| Land Use                             | External Trips | Pass-by% |   | Pass-by Trips | Non-pass-by<br>Trips |
|--------------------------------------|----------------|----------|---|---------------|----------------------|
|                                      |                | 0        | % |               |                      |
| 210 - Single-Family Detached Housing | 2215           | 0        | % | o             | 2215                 |
| 720 · Medical-Dental Office Building | n/a            | 0        | % | n/a           | n/a                  |

#### NOTES

Project Notes:

#### ITE DEVIATION DETAILS

| No deviations from ITE.   |
|---|
| 760 - Research and Development Center The chosen method (LOG) is not recommended by ITE. ITE recommends Average based on the criterion. |
| 720 - Medical-Dental Office Building The chosen method (LIN) is not recommended by ITE. ITE recommends Average based on the criterion   |
| 220 - Apartment<br>ITE does not recommend a particular pass-by% for this case.  |
| 230 - Residential Condominium/Townhouse • 1<br>TTE does not recommend a particular pass-by% for this case.                              |
| 820 - Shopping Center ITE does not recommend a particular pass-by% for this case.   |
| 710 - General Office Building<br>ITE does not recommend a particular pass-by% for this case.  |
| 760 - Research and Development Center ITE does not recommend a particular pass-by% for this case.                                       |
| 210 - Single-Family Detached Housing<br>ITE does not recommend a particular pass-by% for this case.                                     |
|   |

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

720 · Medical-Dental Office Building ITE does not recommend a particular pass-by% for this case.

Landuse No deviations from ITE. Methods No deviations from ITE. Weekday, Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.

External Trips 310 - Hole! ITE does not recommend a particular pass-by% for this case.

#### SUMMARY

| Total Entering                            | 6885 |
|---|------|
| Total Exiting                             | 6881 |
| Total Entering Reduction                  | 0    |
| Total Exiting Reduction                   | 0    |
| Total Entering Internal Capture Reduction | G    |
| Total Exiting Internal Capture Reduction  | 0    |
| Total Entering Pass-by Reduction          | 563  |
| Total Exiting Pass-by Reduction           | 564  |
| Total Entering Non-Pass-by Trips          | 6322 |
| Total Exiting Non-Pass-by Trips           | 6317 |

## APPENDIX D

# EXHIBIT 3 LONG RANGE BUILDOUT TRIP GENERATION SUMMARY CENTERPLACE REZONING TRAFFIC STUDY REVISED NOVEMBER 30, 2016

## CENTERPLACE REZONING TRAFFIC STUDY

**Project #15568** 

September 19, 2016 Revised November 30, 2016 Prepared by: DAVID PLUMMER & ASSOCIATES, INC. 2149 McGregor Boulevard Fort Myers, Florida 33901



#### EXHIBIT 3

## CENTERPLACE REZONING

#### ITE TRIP GENERATION PROPOSED TRIP GENERATION SCENARIO

|                           |         |                 | Α         | M PEA     | K HOUR |    |            | PM PE | AK HOU | 3    | DAII   | LY                                     |
|---------------------------|---------|-----------------|-----------|-----------|--------|----|------------|-------|--------|------|--------|--|
|                           | LUC     | SIZE            | In        | Out       | Total  |    | In         | Out   | Total  |      | Total  |  |
| Residential               |         |                 |           |           |        |    |            |       |        |      |        |  |
| Apartments                | 220     | 1,555 d.u.      | 153       | 613       | 766    |    | 567        | 306   | 873    |      | 9,547  |  |
| Internal Capture          |         |                 | 3         | 12        | 15     |    | 136        | 74    | 210    |      | 1,242  |  |
| External                  |         |                 | 150       | 601       | 751    |    | 431        | 232   | 663    |      | 8,305  |  |
| Single Family             | 210     | 275 d.u.        | 51        | 151       | 202    |    | 164        | 97    | 261    |      | 2,664  | · · · · · · · · · · · · · · · · · · ·  |
| Internal Capture          |         |                 | 2         | 6         | 8      |    | 83         | 49    | 132    |      | 726    |  |
| External                  |         |                 | 49        | 145       | 194    |    | 81         | 48    | 129    |      | 1,938  |  |
| Multifamily               | 230     | 120 d.u.        | 10        | 50        | 60     |    | 47         | 23    | 70     |      | 754    | ······································ |
| Internal Capture          |         |                 | 1         | 3         | 4      |    | 27         | 13    | 40     |      | 241    |  |
| External                  |         |                 | 9         | 47        | 56     |    | 20         | 10    | 30     |      | 513    |  |
| Hotel                     | 310     | 250 rooms       | 78        | 55        | 133    |    | <b>7</b> 7 | 73    | 150    |      | 1,864  |  |
| Internal Capture          |         |                 | 7         | 5         | 12     |    | 18         | 17    | 35     |      | 302    |  |
| External                  |         |                 | 71        | 50        | 121    |    | 59         | 56    | 115    |      | 1,562  |  |
| Retail                    | 820     | 200,000 sq. ft. | 148       | 90        | 238    |    | 457        | 496   | 953    |      | 10,656 |  |
| Internal Capture          |         |                 | 21        | 12        | 33     |    | 190        | 207   | 397    |      | 2,958  |  |
| Pass-by                   |         |                 | 17        | 10        | 27     |    | 19         | 20    | 39     |      | 777    |  |
| External                  |         |                 | 110       | 68        | 178    |    | 248        | 269   | 517    |      | 6,921  |  |
| Office                    | 710     | 75,000 sq. ft.  | 134       | 18        | 152    |    | 28         | 134   | 162    |      | 1,055  |  |
| Internal Capture          |         |                 | 19        | 3         | 22     |    | 10         | 48    | 58     |      | 265    |  |
| External                  |         |                 | 115       | 15        | 130    |    | 18         | 86    | 104    |      | 790    |  |
| Medical Office            | 720     | 10,000 sq. ft.  | 19        | 5         | 24     |    | 10         | 27    | 37     |      | 194    |  |
| Internal Capture          |         |                 | 5         | 1         | 6      |    | 6          | 16    | 22     |      | 82     |  |
| External                  |         |                 | 14        | 4         | 18     |    | 4          | 11    | 15     |      | 112    |  |
| Research & Development    | 760     | 20,000 sq. ft.  | 27        | 5         | 32     |    | 5          | 30    | 35     |      | 264    |  |
| Internal Capture          |         |                 | 5         | 1         | 6      |    | 3          | 15    | 18     |      | 93     |  |
| External                  |         |                 | 22        | 4         | 26     |    | 2          | 15    | 17     |      | 171    |  |
|                           |         |                 |           |           |        |    |            |       | *****  |      |        |  |
| TOTAL                     |         |                 | 620       | 987       | 1,607  |    | 1,355      | 1,186 | 2,541  |      | 26,998 |  |
| INTERNAL CAPTURE          |         |                 | 63        | 43        | 106    | 7% | 473        | 439   | 912    | 36%  | 5,908  | 22%                                    |
| DRIVEWAY VOLUME           |         |                 | 557       | 944       | 1,501  |    | 882        | 747   | 1,629  | 2070 | 21,090 | 2270                                   |
| PASS-BY                   |         |                 | <u>17</u> | <u>10</u> | 27     | 2% | <u>19</u>  | 20    | 39     | 2%   | 777    | 4%                                     |
| NET NEW EXTERNAL          |         |                 | 540       | 934       | 1,474  |    | 863        | 727   | 1,590  | - ** | 20,313 | 170                                    |
|                           |         |                 |           |           | •      |    |            |       | -,     |      | 201212 |  |
| Multi-modal trips to FGCI | J (10%) |                 | 54        | 93        | 147    |    | 86         | 73    | 159    |      | 2,031  | • .                                    |
| External trips            |         |                 | 486       | 841       | 1,327  |    | 777        | 654   | 1,431  |      | 18,282 |  |
| Percent Peak to Daily     |         |                 | -700      | Q-TA      | 7.3%   |    | ""         | 0.74  | 7.8%   |      | 10,262 |  |
|                           |         |                 |           |           | טועוו  |    |            |       | 1.070  |      |        |  |

Footnotes
(1) ITE Trip Generation, 9th Edition, using OTISS software.

## APPENDIX E

# EXHIBIT 4 SHORT RANGE (2021) TRIP GENERATION SUMMARY CENTERPLACE COMPREHENSIVE PLAN AMENDMENT TRAFFIC STUDY APRIL 22, 2016

#### CENTERPLACE CPA - REVISED SHORT RANGE

## ITE TRIP GENERATION PREVIOUS TRIP GENERATION SCENARIO

|                               |            |                | AM PEAK HOUR |           |           | <u>PM</u> | DAILY      |            |        |
|-------------------------------|------------|----------------|--------------|-----------|-----------|-----------|------------|------------|--------|
|                               | <u>LUC</u> | <u>size</u>    | In           | Out       | Total     | In        | Out        | Total      | Total  |
| Residential                   |            |                |              |           |           |           |            |            |        |
| Apartments                    | 220        | 1,000 d.u.     | 99           | 395       | 494       | 369       | 199        | 568        | 6,184  |
| Internal Capture              |            |                | 1            | 6         | 7         | 67        | 36         | 103        | 605    |
| External                      |            |                | 98           | 389       | 487       | 302       | 163        | 465        | 5,579  |
| Single Family - Zero Lot Line | 210        | 200 d.u.       | 38           | 112       | 150       | 123       | 73         | 196        | 1,987  |
| Internal Capture              |            |                | 1            | 2         | 3         | 55        | 33         | 88         | 466    |
| External                      |            |                | 37           | 110       | 147       | 68        | 40         | 108        | 1,521  |
| Multifamily                   | 230        | 0 d.u.         | 0            | 0         | 0         | 0         | 0          | 0          | 0      |
| Internal Capture              |            |                | 0            | 0         | 0         | 0         | 0          | 0          | 0      |
| External                      |            |                | 0            | 0         | 0         | 0         | 0          | 0          | 0      |
| Hotel                         | 310        | 0 rooms        | 0            | 0         | 0         | 0         | 0          | 0          | 0      |
| Internal Capture              |            |                | 0            | 0         | 0         | 0         | 0          | 0          | 0      |
| External                      |            |                | 0            | 0         | 0         | 0         | 0          | 0          | 0      |
| Retail                        | 820        | 75,000 sq. ft. | 81           | 50        | 131       | 237       | 257        | 494        | 5,633  |
| Internal Capture              |            |                | 9            | 5         | 14        | 95        | 103        | 198        | 1,430  |
| Pass-by                       |            |                | 9            | 6         | 15        | 12        | 9          | 21         | 419    |
| External                      |            |                | 63           | 39        | 102       | 130       | 145        | 275        | 3,785  |
| Office                        | 710        | 20,000 sq. ft. | 47           | 6         | 53        | 17        | 84         | 101        | 386    |
| Internal Capture              |            |                | 5            | 1         | 6         | 6         | 31         | 37         | 93     |
| External                      |            |                | 42           | 5         | 47        | 11        | 53         | 64         | 293    |
| Medical Office                | 720        | 0 sq. ft.      | 0            | 0         | 0         | 0         | 0          | 0          | 0      |
| Internal Capture              |            |                | 0            | 0         | 0         | 0         | 0          | 0          | 0      |
| External                      |            |                | 0            | 0         | 0         | 0         | 0          | 0          | 0      |
| Research & Development        | 760        | 10,000 sq. ft. | 15           | 3         | 18        | 3         | 17         | 20         | 149    |
| Internal Capture              |            |                | 2            | 0         | 2         | 1         | 7.         | 8          | 38     |
| External                      |            |                | 13           | 3         | 16        | 2         | 10         | 12         | 111    |
|                               |            |                |              |           |           |           |            |            |        |
| TOTAL                         |            |                | 280          | 566       | 846       | 749       | 630        | 1,379      | 14,339 |
| INTERNAL CAPTURE              |            |                | <u>18</u>    | <u>14</u> | <u>32</u> | 224       | <u>210</u> | <u>434</u> | 2,631  |
| DRIVEWAY VOLUME               |            |                | 262          | 552       | 814       | 525       | 420        | 945        | 11,708 |
| PASS-BY                       |            |                | 9            | <u>6</u>  | 15        | <u>12</u> | 9          | <u>21</u>  | 419    |
| NET NEW EXTERNAL              |            |                | 253          | 546       | 799       | 513       | 411        | 924        | 11,290 |
| Multi-modal trips to FGCU (10 | )%)        |                | 25           | 55        | 80        | 51        | 41         | 92         | 1,129  |
| External trips                |            |                | 228          | 491       | 719       | 462       | 370        | 832        | 10,161 |
| Percent Peak to Daily         |            |                |              |           | 7.1%      |           |            | 8.2%       | •      |

#### **Footnotes**

(1) ITE Trip Generation, 9th Edition, using OTISS software.

### **CENTERPLACE** COMPREHENSIVE PLAN AMENDMENT TRAFFIC STUDY

**Project #15568** 

Prepared by: DAVID PLUMMER & ASSOCIATES, INC.

2149 McGregor Boulevard Fort Myers, Florida 33901

**April 22, 2016** 



#### EXHIBIT 4

## CENTERPLACE CPA, SHORT-TERM ANALYSIS ITE/OTISS TRIP GENERATION ESTIMATES

| Project Information |                                   |
|---------------------|-----------------------------------|
| Project Name:       | CenterPlace CPA - 5 Year Analysis |
| No:                 | 15568                             |
| Date:               | 4/19/2016                         |
| City:               |                                   |
| State/Province:     |                                   |
| Zip/Postal Code:    |                                   |
| Country:            |                                   |
| Client Name:        |                                   |
| Analyst's Name:     | JP                                |
| Edition:            | ITE-TGM 9th Edition               |

| Land Use                              | Size                                    | Wee   | kday   | AM Pea | k Hour    | PM Peak Hour |          |  |
|---------------------------------------|---|-------|--------|--------|-----------|--------------|----------|--|
|                                       |   | Entry | Exit   | Entry  | Exit      | Entry        |          |  |
| 220 - Apartment                       | 1000 Dwelling Units                     | 3092  | 3092   | 99     | 395       |              | 199      |  |
| Reduction                             |   | 0     | l      | 0      | 0         |              | 199      |  |
| Internal                              |   | o o   |        |        | 5         |              | 34       |  |
| Pass-by                               |   |       | l      |        | 0         | 1 1          | 0        |  |
| Non-pass-by                           |   | 3092  |        | 97     | 390       |              | 165      |  |
| 230 - Residential                     |   | 3032  | 1 3032 | 3,     | 330       | 300          | 103      |  |
| Condominium/Townhouse - 1             | 0 Dwelling Units                        | 0     | 0      | 0      | . 0       | 0            | 0        |  |
| Reduction                             |   | ő     |        | _      | 0         | _            | 0        |  |
| Internal                              |   | 0     |        |        | 0         |              | 0        |  |
| Pass-by                               |   | ŏ     | _      | 0      | 0         | _            | 0        |  |
| Non-pass-by                           |   | 0     | •      |        | 0         | -            | 0        |  |
| 310 - Hotel                           | 0 Employees                             | 0     | •      | 0      | 0         | - 1          | 0        |  |
| Reduction                             | - Limpto yaas                           | l ő   | 1      | 0      | 0         |              | 0        |  |
| Internal                              |   | ٥     | 0      | 0      | 0         |              | 0        |  |
| Pass-by                               |   | 0     | 0      | 0      | 0         |              | 0        |  |
| Non-pass-by                           |   | 0     | o      | 0      | 0         | -            | 0        |  |
| 820 - Shopping Center                 | 75 1000 Sq. Feet Gross Leasable Area    | 2817  | 2816   | 81     | 50        |              | 257      |  |
| Reduction                             | 75 2000 54. I det di dis cessable Ai ca | 2017  | 2010   | 0      | 0         |              | 257<br>0 |  |
| Internal                              |   | 0     | 0      | 8      | 6         |              | 130      |  |
| Pass-by                               |   | 563   | 564    | 9      | 6         | 12           | 130      |  |
| Non-pass-by                           |   | 2254  | 2252   | 64     | 38        |              | - 1      |  |
| 710 - General Office Building         | 20 1000 Sq. Feet Gross Floor Area       | 193   |        |        | - 50<br>6 | 157          | 118      |  |
| Reduction                             | 20 1000 Sq. Feet Gross Floor Area       | 0     |        | 0      | 0         | 0            | 84       |  |
| Internal                              |   | l ő   | _      |        | 2         | 16           | 0<br>21  |  |
| Pass-by                               |   | 0     | 0      | 0      | 0         | 0            | 0        |  |
| Non-pass-by                           |   | 193   | 193    | 43     | 4         | 1            | 63       |  |
|                                       |   |       | 155    | 43     | . 7       | 1            | 63       |  |
| 760 - Research and Development Center | 10 1000 Sq. Feet Gross Floor Area       | 75    | 74     | 15     | 3         | 3            | 17       |  |
| Reduction                             | <b>.</b>                                | 0     | o      | О      | o         | o            | 0        |  |
| Internal                              |   | 0     | o      |        | 1         | 5            | 3        |  |
| Pass-by                               |   | 0     | 0      | 0      | 0         | ő            | o        |  |
| Non-pass-by                           |   | 75    | 74     | 14     | 2         | -2           | 14       |  |
| 210 - Single-Family Detached Housing  | 200 Dwelling Units                      | 994   | 993    | 38     | 112       | 123          | 73       |  |
| Reduction                             |   | 0     | 0      | 0      | 0         | 0            | o        |  |
| Internal                              |   | 0     | o      | 1      | 2         | 59           | 29       |  |
| Pass-by                               |   | 0     | o      | ő      | o         | 0            | 0        |  |
| Non-pass-by                           |   | 994   | 993    | 37     | 110       |              | 44       |  |
| 720 - Medical-Dental Office Building  | 0 1000 Sq. Feet Gross Floor Area        | 0     | 0      | o      | 0         | o            | 0        |  |
| Reduction                             | 1                                       | o     | 0      | ٥      | o         | 0            | ŏ        |  |
| Internal                              |   | o     | o      | ő      | Ö         | ő            | o        |  |
| Pass-by                               |   | 0     | o      | ő      | 0         | 0            | ő        |  |
| Non-pass-by                           |   | o     | ŏ      | 0      | 0         | 0            | 0        |  |
| Total                                 |   | 7171  | 7168   | 280    | 566       | 749          | 630      |  |
| Total Reduction                       |   | 0     | 7100   | 280    | 0         | 749          | 030      |  |
| Total Internal                        |   | 0     | 0      | 16     | 16        | 217          | 217      |  |
| Total Pass-by                         |   | 563   | 564    | 9      | 6         | 12           | 21/      |  |
| Total Non-pass-by                     |   | 6608  | 6604   | 255    | 544       | 520          | 404      |  |

#### John Podczerwinsky

From: Sent: Getch, Andrew [AGetch@leegov.com] Thursday, February 09, 2017 10:59 AM

To:

John Podczerwinsky

Cc:

Charles Basinait; 'don@pegfl.net'; Mark Gillis; Sweigert, Rebecca; Badamtchian, Chahram;

Wu, Lili; Evans, Marcus; Jacob, Michael; Rozdolski, Mikki; Ennis, Audra

Subject:

RE: #15568; CenterPlace CPA Traffic Study Addendum (CPA2016-00011)

#### Hi John,

As requested, after a very cursory review, this e-mail confirms that staff does not intend to request a revised transportation model run, and has adequate information to review the CPA transportation analysis. Please note that the document you sent yesterday will need to be submitted at the DCD first floor counter to be included in the case file and formally reviewed.

The submitted internal capture calculation is very complex and will need further review with the DCI application. For the CPA analysis, the change in internal capture does not appear to affect the roadway segment LOS determination.

Andy Getch, P.E.

Section Manager, Infrastructure Planning Lee County Department of Community Development

2nd floor

1500 Monroe Street

Fort Myers, Florida 33901

direct line (239) 533-8510

DCD department line (239) 533-8585

FAX (239) 485-8344

AGetch@leegov.com



COMMUNITY DEVELOPMENT

From: John Podczerwinsky [mailto:John.Podczerwinsky@dplummer.com]

Sent: Wednesday, February 08, 2017 2:19 PM

To: Getch, Andrew

Cc: Charles Basinait; 'don@pegfl.net'; Mark Gillis

Subject: RE: #15568; CenterPlace CPA Traffic Study Addendum (CPA2016-00011)

Understood. Thank you.

#### John M. Podczerwinsky, AICP

Project Manager Transportation

#### **DAVID PLUMMER & ASSOCIATES**

Transportation • Civil • Structural • Environmental

2149 McGregor Boulevard Fort Myers, Florida 33901

Phone: 239-332-2617 Fax: 239-332-2645

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From: Getch, Andrew [mailto:AGetch@leegov.com]
Sent: Wednesday, February 08, 2017 2:17 PM

To: John Podczerwinsky; Wu, Lili

Cc: Sweigert, Rebecca

Subject: RE: #15568; CenterPlace CPA Traffic Study Addendum (CPA2016-00011)

#### Hi John,

We are reviewing now and plan to answer your question by tomorrow afternoon.

Andy Getch, P.E.

Section Manager, Infrastructure Planning

Lee County Department of Community Development

2nd floor

1500 Monroe Street

Fort Myers, Florida 33901

direct line (239) 533-8510

DCD department line (239) 533-8585

FAX (239) 485-8344

AGetch@leegov.com

From: John Podczerwinsky [mailto:John.Podczerwinsky@dplummer.com]

**Sent:** Wednesday, February 08, 2017 1:51 PM **To:** John Podczerwinsky; Getch, Andrew; Wu, Lili

Subject: RE: #15568; CenterPlace CPA Traffic Study Addendum (CPA2016-00011)

#### Andy-

Thanks again for the assistance. Chuck Basinait sent me a request while we were preparing the report that I forward your reply to him as soon as it comes in, so that he can follow up with Planning staff on this matter.

If possible, would you mind affirming for us that the County won't require a revised segment analysis, or an additional round of sufficiency review for the CPA application?

#### Thanks,

#### John M. Podczerwinsky, AICP

Project Manager Transportation

#### **DAVID PLUMMER & ASSOCIATES**

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Phone: 239-332-2617 Fax: 239-332-2645

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From: John Podczerwinsky

Sent: Wednesday, February 08, 2017 12:08 PM

To: 'Getch, Andrew'; 'Wu, Lili'

Cc: 'don@pegfl.net'; 'Charles Basinait'; Mark Gillis

Subject: #15568; CenterPlace CPA Traffic Study Addendum (CPA2016-00011)

Andy, Wu,

Please find attached the CenterPlace Comprehensive Plan Amendment Traffic Study Addendum, which was prepared as a follow-up to our teleconference yesterday afternoon.

The attached .pdf document includes a summary of the revised development parameters and resulting trip generation estimate, which reflects lower external trips than those generated by the previous development parameters.

To reiterate my request from yesterday, once you have taken a look at the attachment, please provide your concurrence that there is no need to revise the segment analyses that have already been found sufficient for the CPA traffic study.

I plan to stop-by your office to deliver two printed copies of the addendum after lunch, and will be glad to address any other questions you might have at that time.

Thank you for your assistance,

#### John M. Podczerwinsky, AICP

Project Manager Transportation

#### **DAVID PLUMMER & ASSOCIATES**

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