Owner MRS. ELIZABETH BRUNDAGE Mailing Address Permit No. 9247

Lot 10 Block 2 Subdivision NORMANDY BEACH SOUTH No. 7128 Street ~~Albacore~~ Drv Date Dec.2-1936

General Contractor Riley Builders, Inc. 23058 Address Indian Creek Dr

Architect L. Murray Dixon Address 3211-02-013

Front 39-10 Depth 59-6 Height Stories 2 Use APARTMENT HOUSE 4 units and 8 hotel rooms

Type of construction c-b-s- Cost $ 18,000.00 Foundation Concrete Pile Roof flat

---

Plumbing Contractor Markowitz & Resnick # 9673 Address Date

No. fixtures 32 Gas 16 Rough approved by gas o.k. J.J.Farrey- Dec.18-1936 Date

No. Receptacles

Plumbing Contractor Address Date

No. fixtures set Final approved by Date

Sewer connection Septic tank 1 (800 gal) 1 (900 Gal) Make Hildebrandt # 9763 O'Neal Block # 9798 Date Dec22-1936 Jan.5-1937

METRO ORD. #75-34
RECERTIFICATION DATE 12-19-78

Electrical Contractor Little River Elec. Co. #7834 Address Date Dec.10-1936

No. outlets 32 40 Heaters Stoves Motors Fans Temporary service

Rough approved by Receptacles 32 Date

Electrical Contractor Little River Electric Company #8213 Address Date Jan.25-1937

No. fixtures set 40 Final approved by Date

Date of service Jan. 25-1937

Alterations or repairs Date

PLUMBING PERMIT # 33258 Stolpmann Plumbing Co: 1 sewer - 4" - April 21, 1952 OK-L.Rothman 4-22-52

Building Permits: #48247 by owner: REMODELING - Making Eight unit apartments out of Four units consisting of: Four efficiencies and four - one bedroom, one bath apts. $ 1 000 Aug. 5, 1955

64293 Florida Fuel Oil Co: Construct 3'5" x 6'x7' masonry boiler room at rear of building, install 275 gal fuel oil tank underground, Fire Dept Permit #3991 on 2/22/61 - $400.00 - Feb. 23, 1961

65958 Harris Bldg. Corp.: Florida room addition on rear of house, CBS 10' x 12'2" x 11' high; flat built up roof - $1200.00 - 9/27/61 OK Saperstein 11/28/61

#83922 - Owner - Exterior Painting. Must comply with ordiance #1060 $100.00 3/25/70

#13537-La Paza Rejas Ornamental-Replace existing stairs-$1300-7-31-78

lumbing 51725-George Pitsch Plumbing- 1 heater-replace; 1 gas connection-11-7-74

51769-Peoples Gas- set meter-11-15-74

Plumbing: #37325 Pitch and Morgan: 4 sinks, 4 gas ranges August 22, 1955 OK, Rothman 9/15/55

OK, Plaag 4/20/1956

Electrical: #45472 Emanuel Electri : 10 centers of distribution, 1 service, 8 motors 8/26/55

, Meginniss 2/26/45908 Emanuel Electric Co., Inc: 1 center of distribution, 1 service October 13, 1955 1956

57399 Atlantic Electric of Miami: 1 switch outlet, 3 receptacles - 10/2/61 OK Scarborough 11/3/61

#76001-Leonard Electric- service repair-1-22-80

ELECTRICAL PERMITS: #BE891393 - Leonard Electric - New smoke detectors - 7-20-89 C.P.

PERMIT #	COMP_TYPE	SUB_TYPE	APPLIED	APPROVED	STATUS
BA900579	AUTOPROJ	OTH	05-Jan-90	05-Jan-90	CLOSED
BCU1200768	BCU	PRIMARY	01-Jun-12		VOID
BE111488	BELEC	SRVCS	31-Mar-11	14-Apr-11	FINAL
BMS1402801	BMISC	DOC HIST	11-Aug-14		CLOSED
BMS1203500	BMISC	DOC HIST	12-Sep-12		CLOSED
BMS1100981	BMISC	DOC HIST	31-Jan-11		CLOSED
BMS1601005	BMISC	DOC HIST	27-Jan-16		APPLIED
BMS92438	BMISC	OTH	27-May-99	27-May-99	CLOSED
BP050446	BPLUM	PIPING	10-Jan-05	10-Jan-05	VOID
BP050962	BPLUM	HEATERS	09-Mar-05	09-Mar-05	FINAL
BP050463	BPLUM	ALTRMDL	13-Jan-05	13-Jan-05	FINAL
BR160198	BREC		08-Mar-16		INITIAL
BR120118	BREC		21-Jun-12	25-Jan-07	CLOSED
BR02000152	BREC		03-Jul-02	20-Jun-02	CLOSED
BR910007	BREC	OTH	19-Feb-91	24-Jun-91	CLOSED
BS920963	BSBUILD	OTH	18-Feb-92	18-Feb-92	CLOSED
B9900875	BSBUILD	OTH	09-Dec-98	09-Dec-98	FINAL
B1101222	BSBUILD	ROOFING	05-Jan-11	10-Jan-11	FINAL
BS920597	BSBUILD	OTH	18-Dec-91	18-Dec-91	CLOSED
B0002128	BSBUILD		09-Mar-00	09-Mar-00	VOID
B0702702	BSBUILD	PAINT	23-Feb-07		VOID
BV13001253	BVIO	ENGINEER	20-Sep-13	20-Sep-13	CLOSED
BV05000271	BVIO	PLUMB	04-Jan-05	04-Jan-05	CLOSED
BV05000422	BVIO	PLUMB	08-Mar-05	08-Mar-05	CLOSED
BV16000448	BVIO	UNSAFE	04-Jan-16	04-Jan-16	OPEN

DESCRIPTION
ANNUAL FIRE INSPECTION
7128 INDIAN CREEK DR / 9 Unit Apartment Building
NEW SERVICE UPGRADE FOR 10 METERS AND FEEDERS
1 CD
cd
CD
1 cd
EXTENSION FOR B9900875.
REPLACE BLDG DRAIN UNDER SLAB
GAS WATER HEATER, BV05000422
REPLACE SEWER LINE,4 SETS.
RECERTIFICATION OF BUILDING 40 YEAR OLD - MIAMI DADE COUNTY CODE Ordinance Section 8-11(f).
RECERTIFICATION OF BUILDING 40 YEAR OLD - MIAMI DADE COUNTY CODE Ordinance Section 8-11(f).
Ten Years Re-Certification.
BUILDING RECERTIFICATION
WALL & ONE FIRE RATED DOOR-LOBBY AREA
EXTERIOR PAINTING.
RE-ROOF FLAT TO FLAT 2,548 S/Q
REPLACE 12 FIRE RATED DOORS
EXT PRESSURE CLEANING & PAINTING
Ext. painting
NOTICE OF VIOLATION ISSUED. Process BR120118 not in compliance, therefore, as per the Florida Building Code and Miami-Dade County chapter 8-5 (6) the property is deemed unsafe if a 40 Year Recertification report is not completed. You must have the 40 Year Rec. processes completed within thirty calendar days from the posting of this notice. Sec. 8-5. - Unsafe Structures (6) Buildings or structures subject to the recertification requirements in Section 8-11(f) of this Code which the owner fails to timely respond to the Notice of Required Inspection or fails to make all required repairs or modifications found to be necessary resulting from the recertification inspection by the deadline specified in the Code or any written extension granted by the Building Official will be demolished
RAW SEWAGE FLOWING INTO CRAWL SPACE
INTALLING GAS BOILER WITHOUT PERMITS
NOTICE OF VIOLATION ISSUED. Ceiling has collapsed at unit #4. Need to obtain approved permit for the required repairs.

REET_N	STREET_NAME	PARCEL_NO	EET_DIRECTION
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	
7128	INDIAN CREEK DR	32110020130	

Trip Generation Study

7128 Indian Creek Drive

7128 Indian Creek Drive
Miami Beach, Florida

June 14th, 2017

Richard Garcia & Associates, Inc.

Engineer's Certification

I, Carlos X. Valentin, P.E. # 78422, certify that I currently hold an active Professional Engineers License in the State of Florida and am competent through education and experience to provide engineering services in the civil and traffic engineering disciplines contained in this report. In addition, the firm Richard Garcia & Associates, Inc. holds a Certificate of Authorization # 9592 in the State of Florida. I further certify that this report was prepared by me or under my responsible charge as defined in Chapter 61G15-18.001 F.A.C. and that all statements, conclusions and recommendations made herein are true and correct to the best of my knowledge and ability.

Project Description: 7128 Indian Creek Drive - Trip Generation Study

Project Location: 7128 Indian Creek Drive
Miami Beach, Florida

Florida Registration No. 78422 Date 6/14/2017

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

APPENDICES

Executive Summary

This report was prepared to determine the vehicle trips associated with the subject project. The subject site is located at 7128 Indian Creek Drive in the City of Miami Beach, Florida. This site has a rental apartment building with 8 dwelling units. This building will be demolished and redeveloped as a hotel with 16 rooms. The project build-out year is slated for 2019 and will have a vehicular access point on Indian Creek Drive.

The trip generation characteristics for the subject project were obtained from **ITE's Trip Generation Manual, 9th Edition**. The trip generation analysis was performed for a typical weekday's AM and PM peak hour. The following land uses, as identified by the Institute of Transportation Engineers (ITE), most closely resemble the subject project. These land uses (LU) are as follows:

Existing: LU 220: Apartment with 8 Dwelling Units

Proposed: LU 310: Hotel with 16 Rooms

Based on the trip generation analysis, the proposed redevelopment will generate **4 net new trips** (4 trips-in & 0 trips-out) during the **AM peak hour** and **5 net new trips** (2 trips-in & 3 trips-out) in the **PM peak hour**.

The subject project is located within the Traffic Analysis Zone (TAZ) 622 as assigned by the Metropolitan Planning Organization's (MPO) on the Miami-Dade Transportation Plan (to the Year 2040) Directional Trips Distribution Report, October 2014. The corresponding traffic distribution percentages were determined by interpolating between the 2010 and 2040 TAZ data for the projected design year of 2019. The resulting distribution percentages were utilized to assign the gross peak hour trips to the project's driveway.

Based on the trip generation results, the net new vehicle trips generated by the subject project are expected to have a De minimis traffic impact on the surrounding streets. In conclusion, the above trip generation results clearly indicate this project will have no attributable impact on traffic and should be granted approval. Lastly, no further traffic analysis is necessary or justified.

Introduction

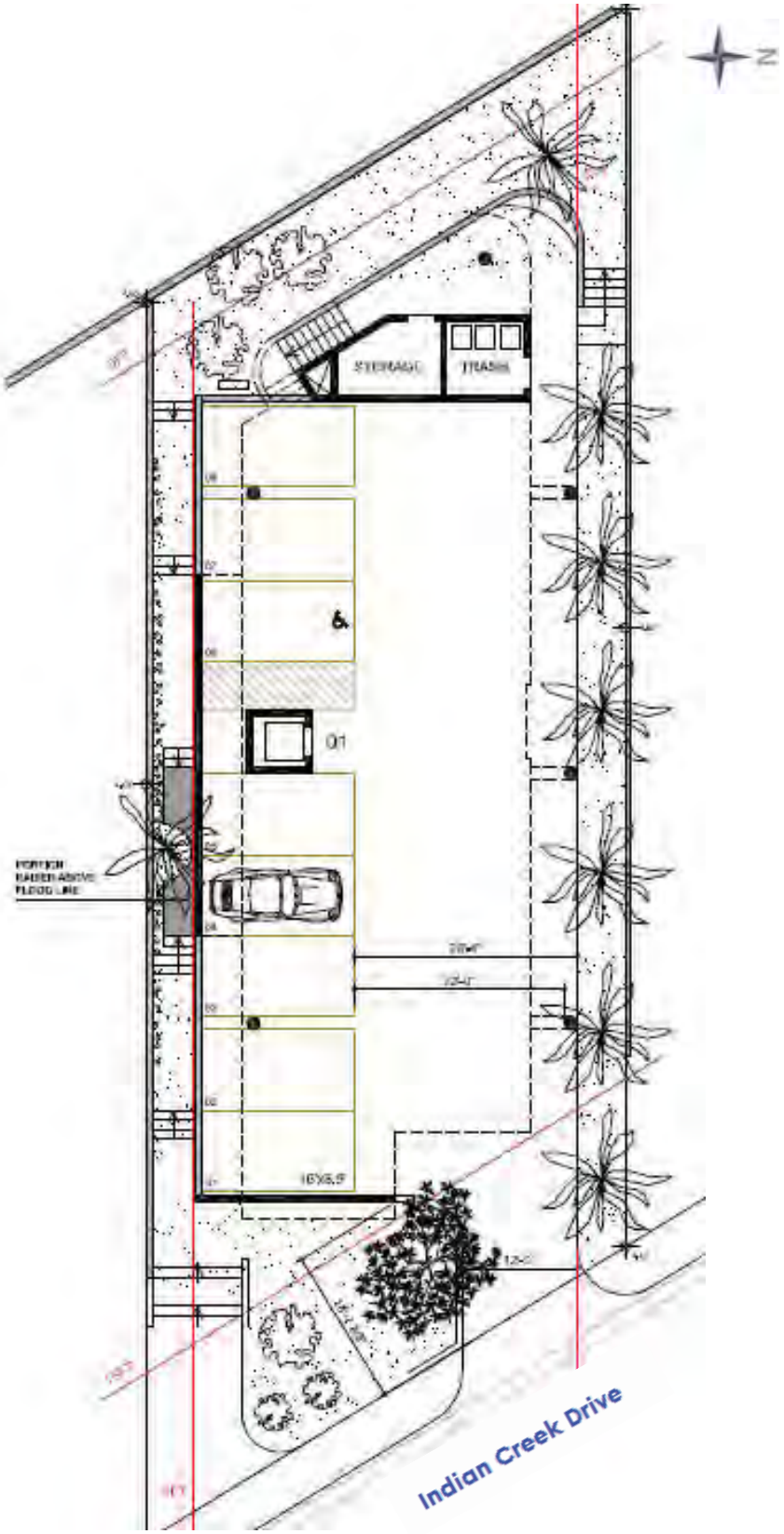
The objective of this study is to document the vehicle trips associated with the subject project. As such, a trip generation analysis was performed to determine the project traffic during a typical weekday's AM and PM peak hour. This analysis conforms with the trip generation methodology of the Institute of Transportation Engineers (ITE).

Project Description / Location

The subject site is located at 7128 Indian Creek Drive in the City of Miami Beach, Florida. This site has a rental apartment building with 8 dwelling units. This building will be demolished and redeveloped as a hotel with 16 rooms. The project build-out year is slated for 2019. Figure 1 depicts the site's location map and Figure 2 is the site plan. Lastly, this project will have a vehicular access point on Indian Creek Drive.

Figure 1: Location Map

Figure 2: Site Plan



Project Traffic

This section of the report describes the analysis for estimating the traffic associated with the subject project. The trip generation analysis summarized below was performed consistent with the methodology described in the Institute of Transportation Engineers (ITE) Trip Generation Handbook, 3rd Edition.

Trip Generation

The trip generation characteristics for the subject project were obtained from **ITE's Trip Generation Manual, 9th Edition**. The trip generation analysis was performed for a typical weekday's AM and PM peak hour. The following land uses, as identified by the Institute of Transportation Engineers (ITE), most closely resemble the subject project. These land uses (LU) are as follows:

Existing: LU 220: Apartment with 8 Dwelling Units

Proposed: LU 310: Hotel with 16 Rooms

Based on the trip generation analysis, the proposed redevelopment will generate **4 net new trips** (4 trips-in & 0 trips-out) during the **AM peak hour** and **5 net new trips** (2 trips-in & 3 trips-out) in the **PM peak hour**. The ITE rates and percentages for the AM and PM peak hour are included in Appendix 1. Tables 1 and 2 summarize the trip generation results for the AM and PM peak hour, respectively.

Table 1: Trip Generation - AM Peak Hour

LAND USE (LU)	UNITS	ITE LU CODE	TRIP GENERATION RATE	AM PEAK HOUR TRIPS		
				IN	OUT	TOTAL
Existing						
Apartment	8 D.U.	220	0.51	1	3	4
Proposed						
Hotel	16 Rooms	310	0.53	5	3	8
Net External Trips *(Proposed Trips - Existing Trips)*				**4**	**0**	**4**

Table 2: Trip Generation – PM Peak Hour

LAND USE (LU)	UNITS	ITE LU CODE	TRIP GENERATION RATE	PM PEAK HOUR TRIPS		
				IN	OUT	TOTAL
Existing						
Apartment	8 D.U.	220	0.62	3	2	5
Proposed						
Hotel	16 Rooms	310	0.60	5	5	10
Net External Trips *(Proposed Trips - Existing Trips)*				**2**	**3**	**5**

Trip Distribution

The subject project is located within the Traffic Analysis Zone (TAZ) 622 as assigned by the Metropolitan Planning Organization's (MPO) on the Miami-Dade Transportation Plan (to the Year 2040) Directional Trips Distribution Report, October 2014. Figure 3 below depicts the TAZ map for the study area. The corresponding traffic distribution percentages were determined by interpolating between the 2010 and 2040 TAZ data for the projected design year of 2019. The resulting distribution percentages are outlined in Table 3 and were utilized to assign the gross peak hour trips to the project's driveways. Appendix 2 includes the supporting documentation.

Figure 3: Traffic Analysis Zone Map

Table 3: Directional Trip Distribution Percentages

DIRECTION	DISTRIBUTION PERCENTAGES (%)		
	MIAMI-DADE LRTP MODEL YEAR		DESIGN YEAR
	2010	2040	2019
NNE	10.60	11.90	10.99
ENE	0.00	0.00	0.00
ESE	0.00	0.00	0.00
SSE	6.90	11.60	8.31
SSW	21.00	19.50	20.55
WSW	28.10	26.20	27.53
WNW	11.10	10.70	10.98
NNW	22.40	20.20	21.74
TOTAL	100.00	100.00	100.00

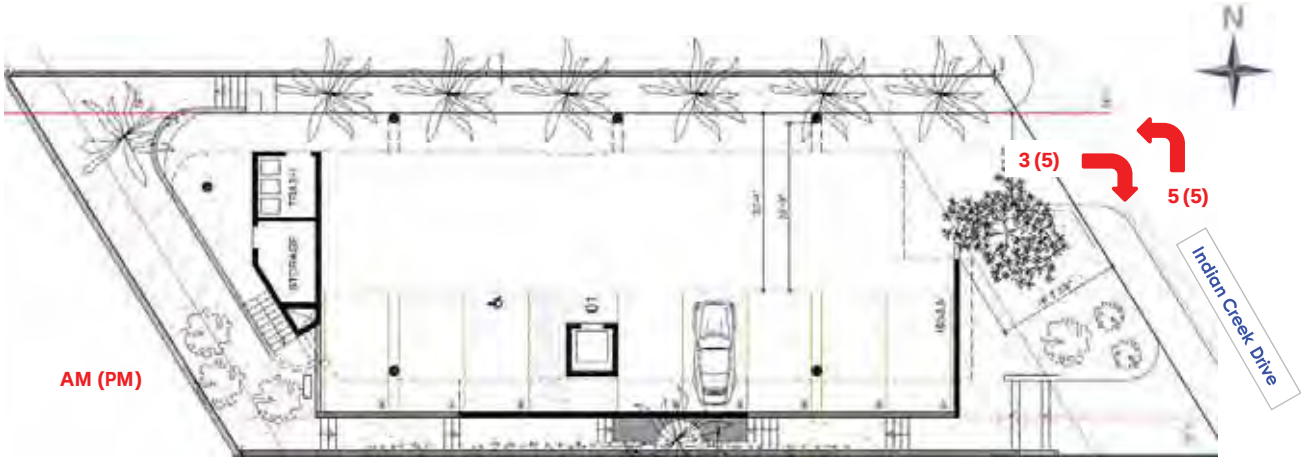
Trip Assignments

The gross vehicle trips generated by the subject project have been further distributed into the four quadrants. Table 4 includes the traffic distribution with the corresponding trip assignments to the North, South, East and West. Lastly, Figure 4 depicts the gross vehicle trips assigned to the project's driveway for the AM and PM peak hour.

Table 4: Directional Trip Assignments (Project Gross Trips)

DIRECTION	DISTRIBUTION	AM PEAK HOUR TRIPS			PM PEAK HOUR TRIPS		
		IN	OUT	TOTAL	IN	OUT	TOTAL
NORTH	32.73%	2	1	3	2	2	4
EAST	0.00%	0	0	0	0	0	0
SOUTH	28.86%	1	1	2	1	1	2
WEST	38.51%	2	1	3	2	2	4
	100.00%	5	3	8	5	5	10

Figure 4: Driveway Trips - AM & PM Peak Hour



Conclusion / Recommendation

Based on the trip generation analysis documented in this report, the subject will generate 4 net new trips during the weekday's AM peak hour and 5 net new trips in the PM peak hour. These vehicle trips are expected to have a De minimis traffic impact on the surrounding streets.

In conclusion, the above trip generation results clearly indicate this project will have no attributable impact on traffic and should be granted approval. Lastly, no further traffic analysis is necessary or justified.

Appendix 1: Trip Generation

TABLE: A1

TRIP GENERATION ANALYSIS
AM PEAK HOUR

Project Name: 7128 Indian Creek Drive

LAND USE (LU)	UNITS	ITE LU CODE	TRIP GENERATION RATE	AM PEAK HOUR TRIPS				
				%	IN	%	OUT	TOTAL
Existing								
Apartment	8 D.U.	220	0.51	20%	1	80%	3	4
Proposed								
Hotel	16 Rooms	310	0.53	59%	5	41%	3	8
Net External Trips *(Proposed Trips - Existing Trips)*				**100%**	**4**	**0%**	**0**	**4**

Sources: ITE Trip Generation, 9th Edition & ITE Trip Generation Handbook, 3rd Edition.

TABLE: A2

TRIP GENERATION ANALYSIS
PM PEAK HOUR

Project Name: 7128 Indian Creek Drive

LAND USE (LU)	UNITS	ITE LU CODE	TRIP GENERATION RATE	PM PEAK HOUR TRIPS				
				%	IN	%	OUT	TOTAL
Existing								
Apartment	8 D.U.	220	0.62	65%	3	35%	2	5
Proposed								
Hotel	16 Rooms	310	0.60	51%	5	49%	5	10
Net External Trips *(Proposed Trips - Existing Trips)*				**40%**	**2**	**60%**	**3**	**5**

Sources: ITE Trip Generation, 9th Edition & ITE Trip Generation Handbook, 3rd Edition.

Apartment
(220)

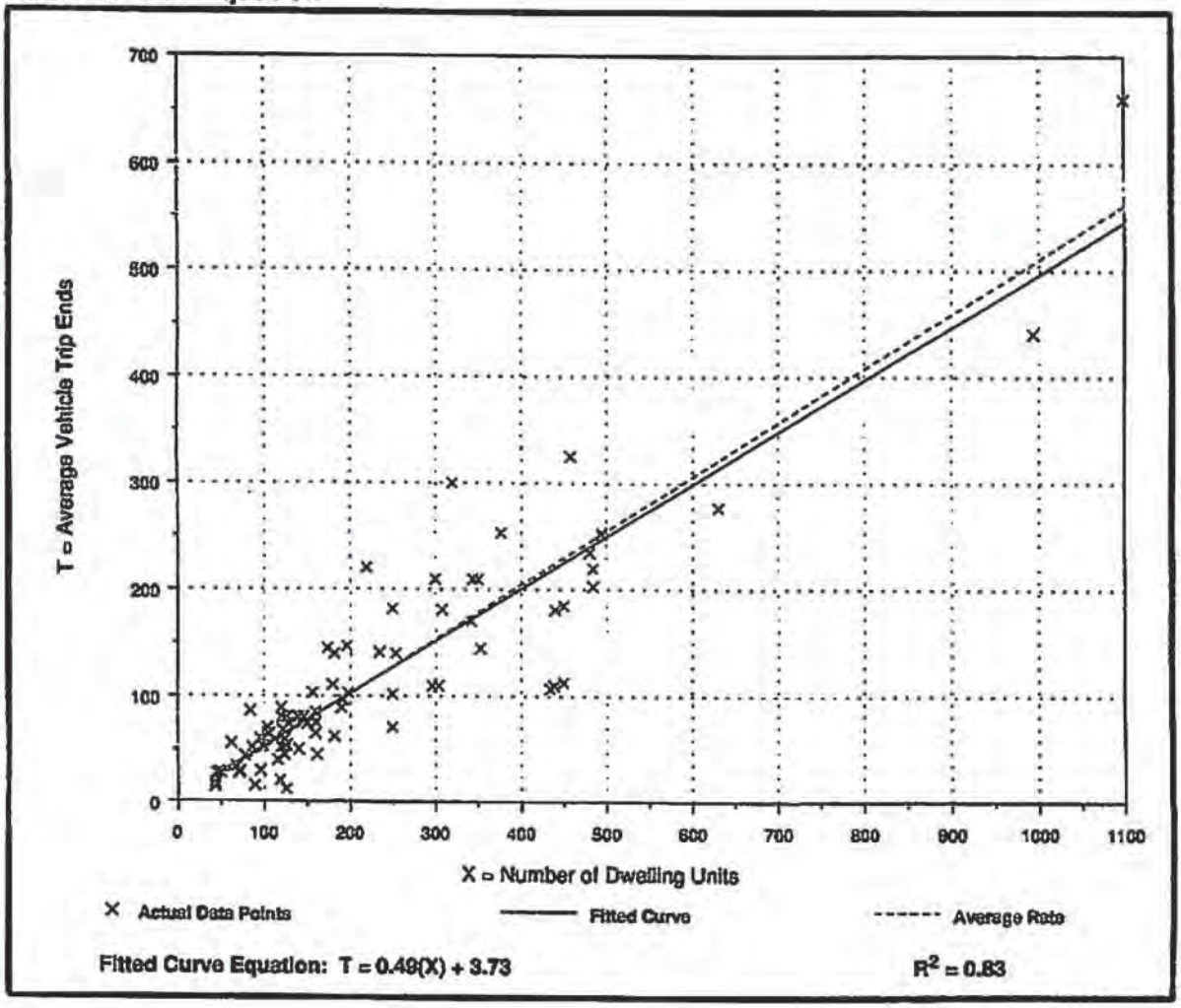
Average Vehicle Trip Ends vs: Dwelling Units
On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 7 and 9 a.m.

Number of Studies: 78
Avg. Number of Dwelling Units: 235
Directional Distribution: 20% entering, 80% exiting

Trip Generation per Dwelling Unit

Average Rate	Range of Rates	Standard Deviation
0.51	0.10 - 1.02	0.73

Data Plot and Equation



Fitted Curve Equation: T = 0.49(X) + 3.73

R^2 = 0.83

Apartment
(220)

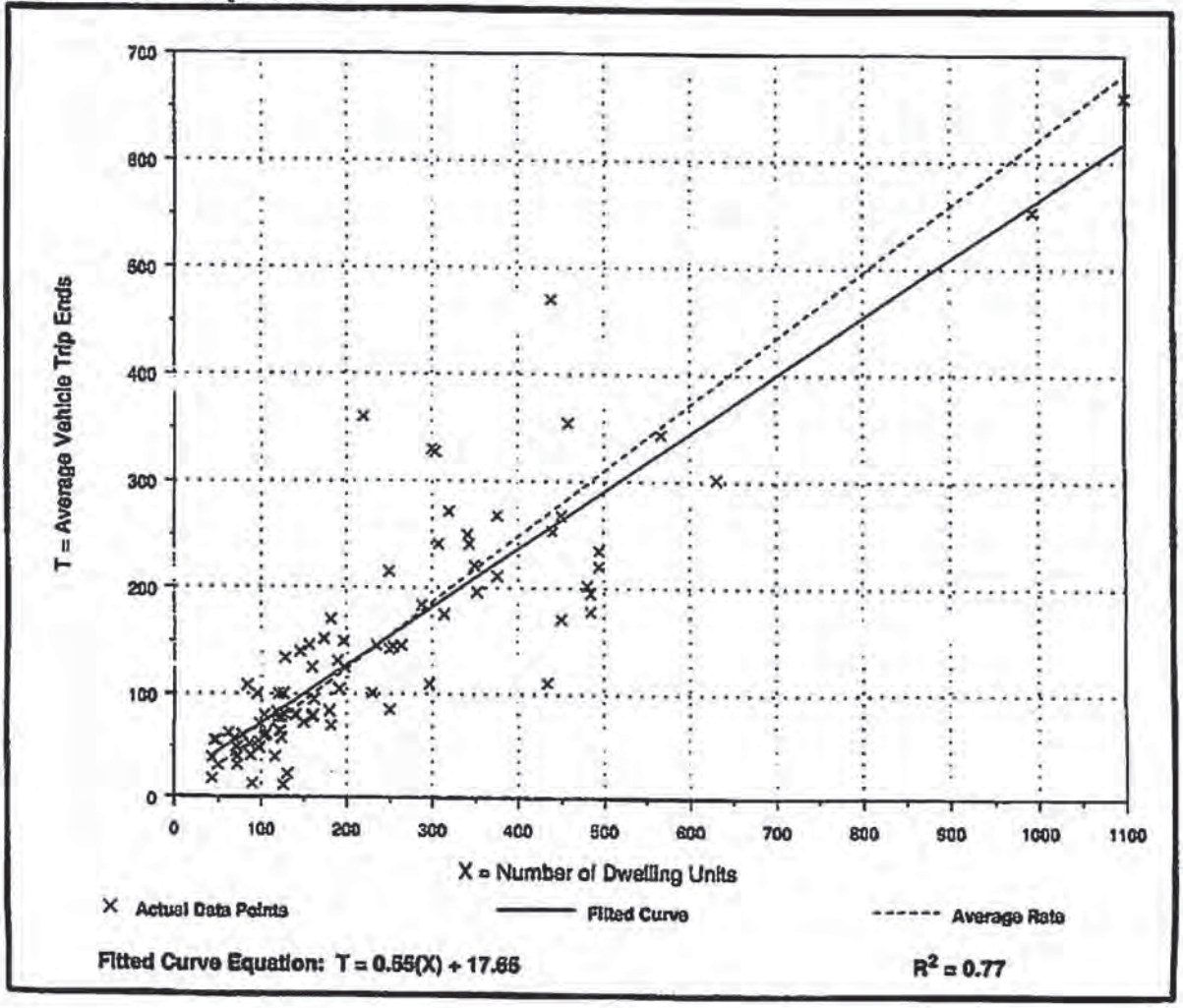
Average Vehicle Trip Ends vs: **Dwelling Units**
On a: **Weekday,**
Peak Hour of Adjacent Street Traffic,
One Hour Between 4 and 6 p.m.

Number of Studies: 90
Avg. Number of Dwelling Units: 233
Directional Distribution: 65% entering, 35% exiting

Trip Generation per Dwelling Unit

Average Rate	Range of Rates	Standard Deviation
0.62	0.10 - 1.64	0.82

Data Plot and Equation



Fitted Curve Equation: T = 0.55(X) + 17.65

R^2 = 0.77

Hotel
(310)

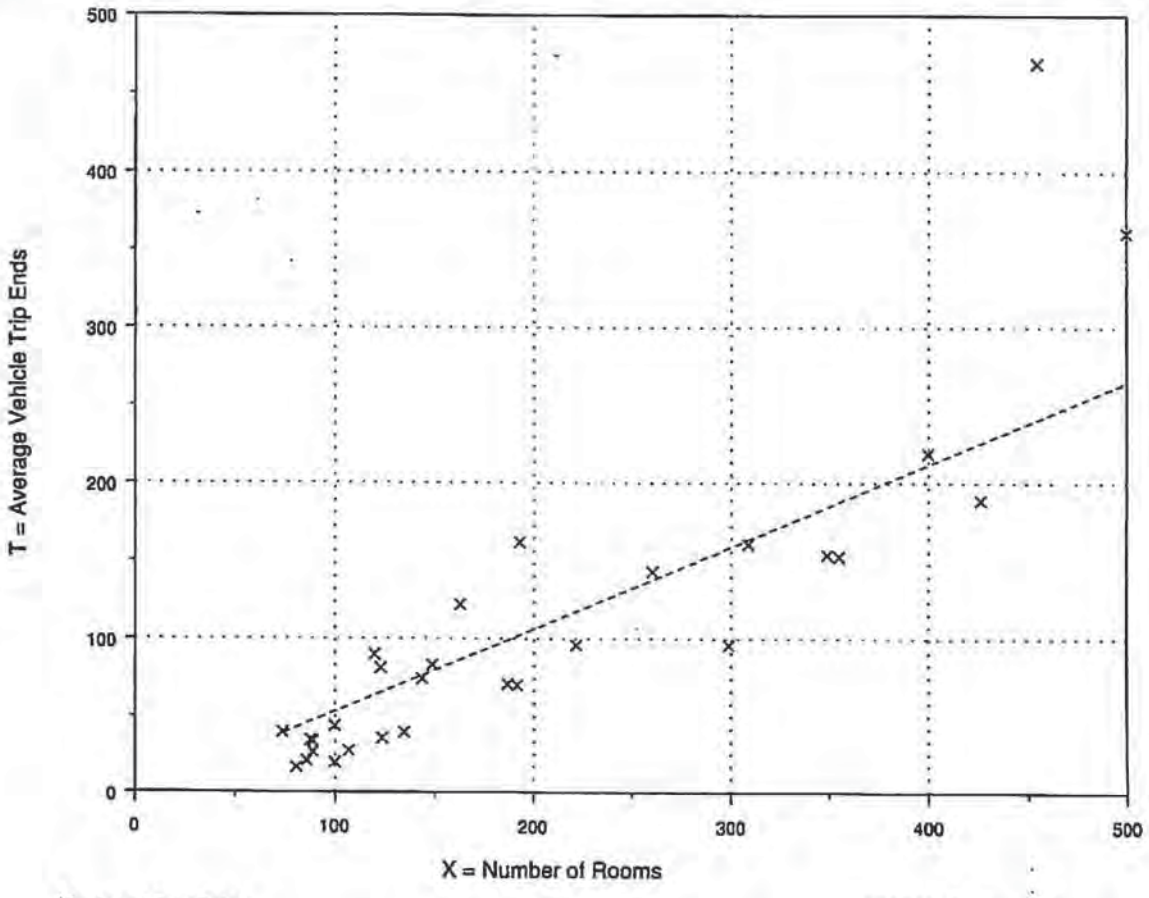
Average Vehicle Trip Ends vs: **Rooms**
On a: **Weekday,**
Peak Hour of Adjacent Street Traffic,
One Hour Between 7 and 9 a.m.

Number of Studies: 29
Average Number of Rooms: 204
Directional Distribution: 59% entering, 41% exiting

Trip Generation per Room

Average Rate	Range of Rates	Standard Deviation
0.53	0.20 - 1.03	0.76

Data Plot and Equation



Fitted Curve Equation: Not Given

R^2 = ****

Hotel
(310)

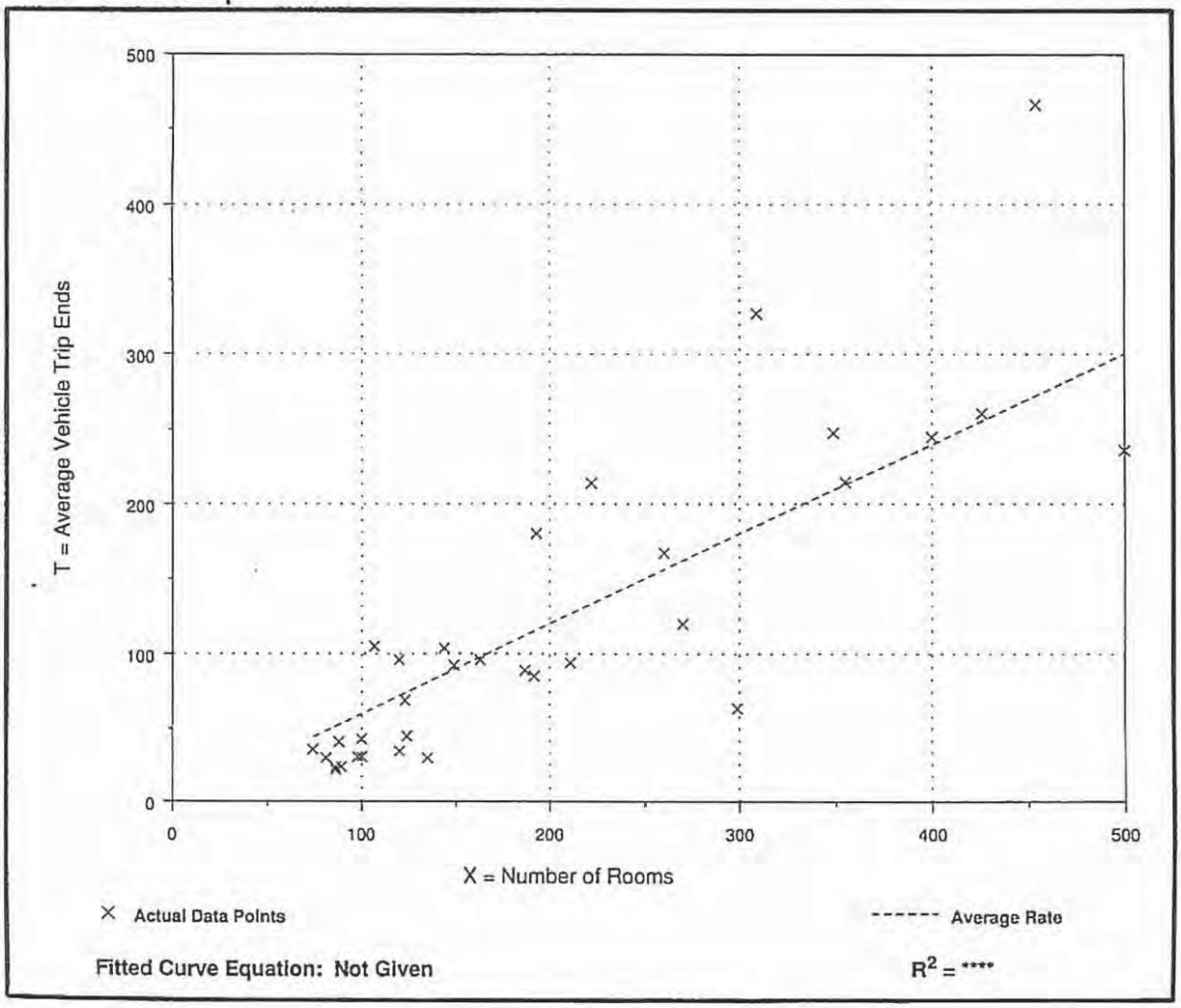
Average Vehicle Trip Ends vs: **Rooms**
On a: **Weekday,**
Peak Hour of Adjacent Street Traffic,
One Hour Between 4 and 6 p.m.

Number of Studies: 33
Average Number of Rooms: 200
Directional Distribution: 51% entering, 49% exiting

Trip Generation per Room

Average Rate	Range of Rates	Standard Deviation
0.60	0.21 - 1.06	0.81

Data Plot and Equation



Fitted Curve Equation: Not Given

R^2 = ****

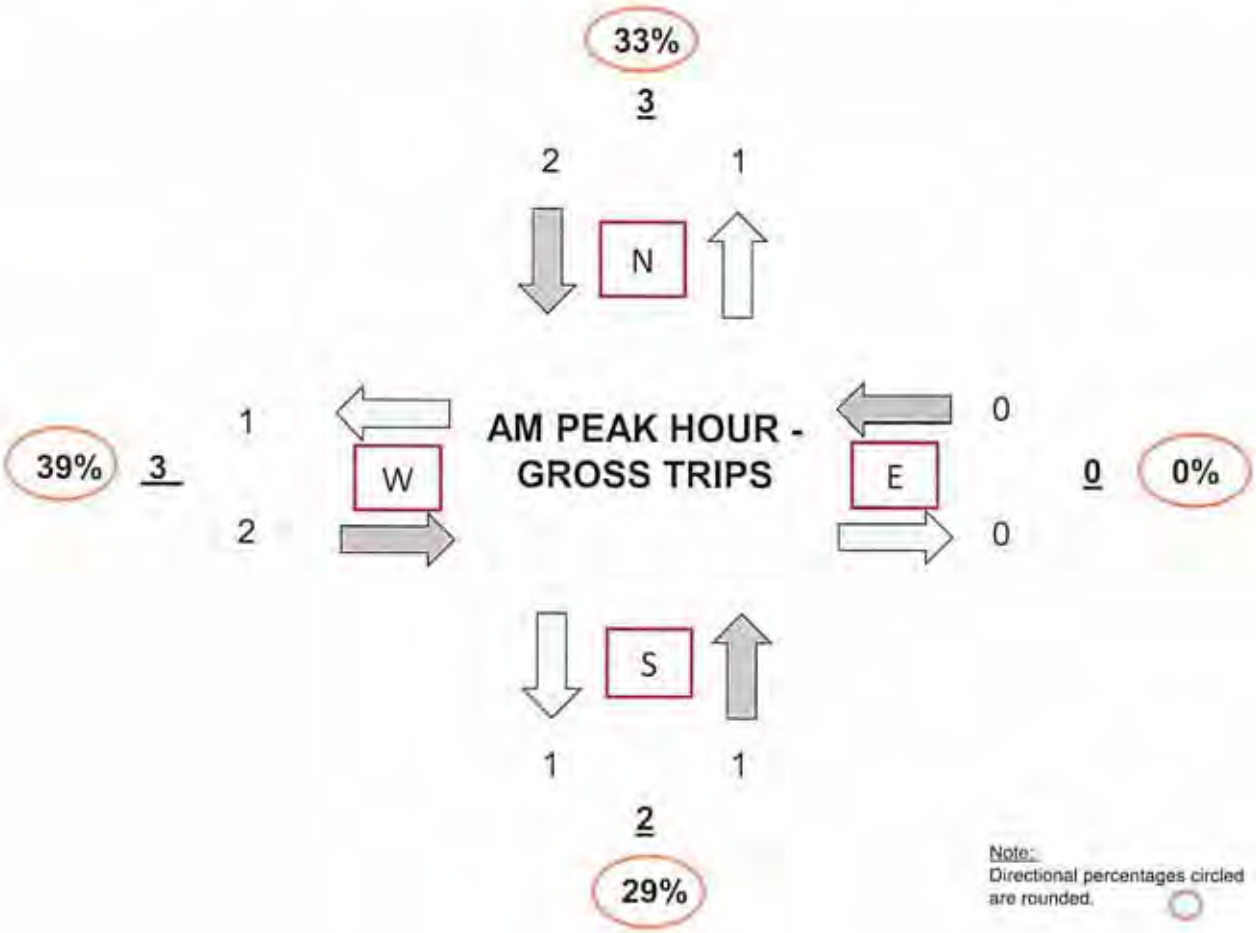
Appendix 2: Trip Distribution

TABLE A3

Cardinal Distribution
AM Peak Hour
Traffic Analysis Zone (TAZ) 622

Project Name: 7128 Indian Creek Drive

DIRECTION	DISTRIBUTION (%) DESIGN YEAR	DIRECTION	DISTRIBUTION	AM PEAK HOUR TRIPS		
				IN	OUT	TOTAL
NNE	10.99	NORTH	32.73%	2	1	3
ENE	0.00					
ESE	0.00	EAST	0.00%	0	0	0
SSE	8.31					
SSW	20.55	SOUTH	28.86%	1	1	2
WSW	27.53					
WNW	10.98	WEST	38.51%	2	1	3
NNW	21.74					
TOTAL	100.00		100.00%	5	3	8



Note:
Directional percentages circled are rounded.

TABLE A3-1

Cardinal Distribution
AM Peak Hour
Traffic Analysis Zone (TAZ) 622

Project Name: 7128 Indian Creek Drive

DIRECTION	DISTRIBUTION PERCENTAGES (%)			AM PEAK HOUR		
	MIAMI-DADE LRTP MODEL YEAR		DESIGN YEAR	IN	OUT	TOTAL
	2010	2040	2019			
NNE	10.60	11.90	10.99	1	0	1
ENE	0.00	0.00	0.00	0	0	0
ESE	0.00	0.00	0.00	0	0	0
SSE	6.90	11.60	8.31	0	0	0
SSW	21.00	19.50	20.55	1	1	2
WSW	28.10	26.20	27.53	1	1	2
WNW	11.10	10.70	10.98	1	0	1
NNW	22.40	20.20	21.74	1	1	2
TOTAL	100.00	100.00	100.00	5	3	8

Note:

Based on Miami-Dade Transportation Plan (to the Year 2040) Directional Trip Distribution Report, October 2014. Since the current data is only available for the model years 2010 and 2040, the eight (8) cardinal directions were interpolated to the design year of 2019.

TABLE A3-2

AM PEAK HOUR	IN	OUT	TOTAL
TRIPS:	5	3	8
PERCENT:	62.50%	37.50%	(Calculated)

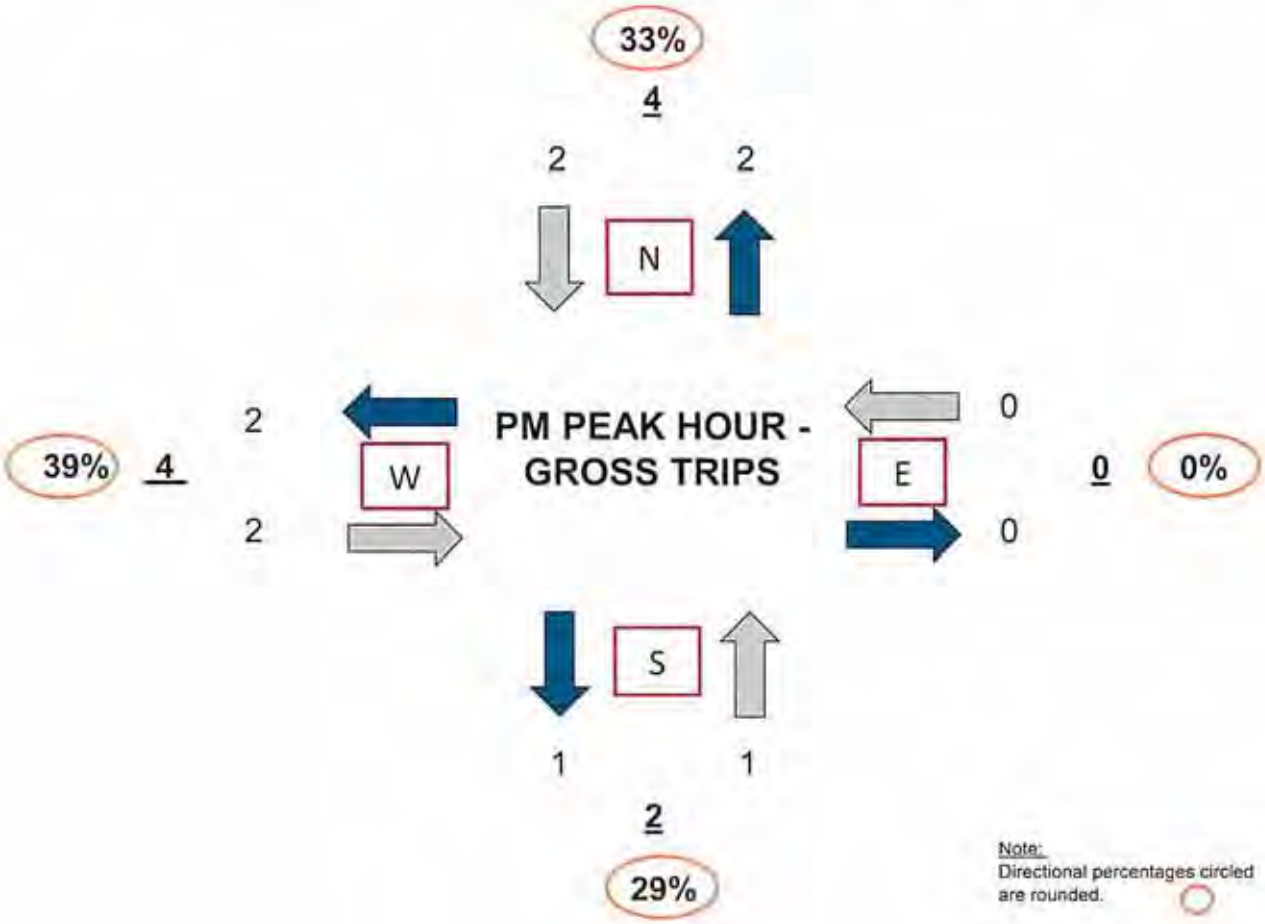
DIRECTION	DISTRIBUTION %	INGRESS		EGRESS		TOTAL
		CALCULATED	USED	CALCULATED	USED	
NNE	10.99	0.550	1	0.330	0	1
ENE	0.00	0.000	0	0.000	0	0
ESE	0.00	0.000	0	0.000	0	0
SSE	8.31	0.416	0	0.249	0	0
SSW	20.55	1.028	1	0.617	1	2
WSW	27.53	1.377	1	0.826	1	2
WNW	10.98	0.549	1	0.329	0	1
NNW	21.74	1.087	1	0.652	1	2
TOTAL	100.00	5.005	5	3.003	3	8

TABLE: A4

Cardinal Distribution
PM Peak Hour
Traffic Analysis Zone (TAZ) 622

Project Name: 7128 Indian Creek Drive

DIRECTION	DISTRIBUTION (%) DESIGN YEAR	DIRECTION	DISTRIBUTION	PM PEAK HOUR TRIPS		
				IN	OUT	TOTAL
NNE	10.99	NORTH	32.73%	2	2	4
ENE	0.00					
ESE	0.00	EAST	0.00%	0	0	0
SSE	8.31					
SSW	20.55	SOUTH	28.86%	1	1	2
WSW	27.53					
WNW	10.98	WEST	38.51%	2	2	4
NNW	21.74					
TOTAL	100.00		100.00%	5	5	10



Note:
Directional percentages circled are rounded.

TABLE: A4-1

Cardinal Distribution
PM Peak Hour
Traffic Analysis Zone (TAZ) 622

Project Name: 7128 Indian Creek Drive

DIRECTION	DISTRIBUTION PERCENTAGES (%)			PM PEAK HOUR		
	MIAMI-DADE LRTP MODEL YEAR		DESIGN YEAR	IN	OUT	TOTAL
	2010	2040	2019			
NNE	10.60	11.90	10.99	1	1	2
ENE	0.00	0.00	0.00	0	0	0
ESE	0.00	0.00	0.00	0	0	0
SSE	6.90	11.60	8.31	0	0	0
SSW	21.00	19.50	20.55	1	1	2
WSW	28.10	26.20	27.53	1	1	2
WNW	11.10	10.70	10.98	1	1	2
NNW	22.40	20.20	21.74	1	1	2
TOTAL	100.00	100.00	100.00	5	5	10

Note:

Based on Miami-Dade Transportation Plan (to the Year 2040) Directional Trip Distribution Report, October 2014. Since the current data is only available for the model years 2010 and 2040, the eight (8) cardinal directions were interpolated to the design year of 2019.

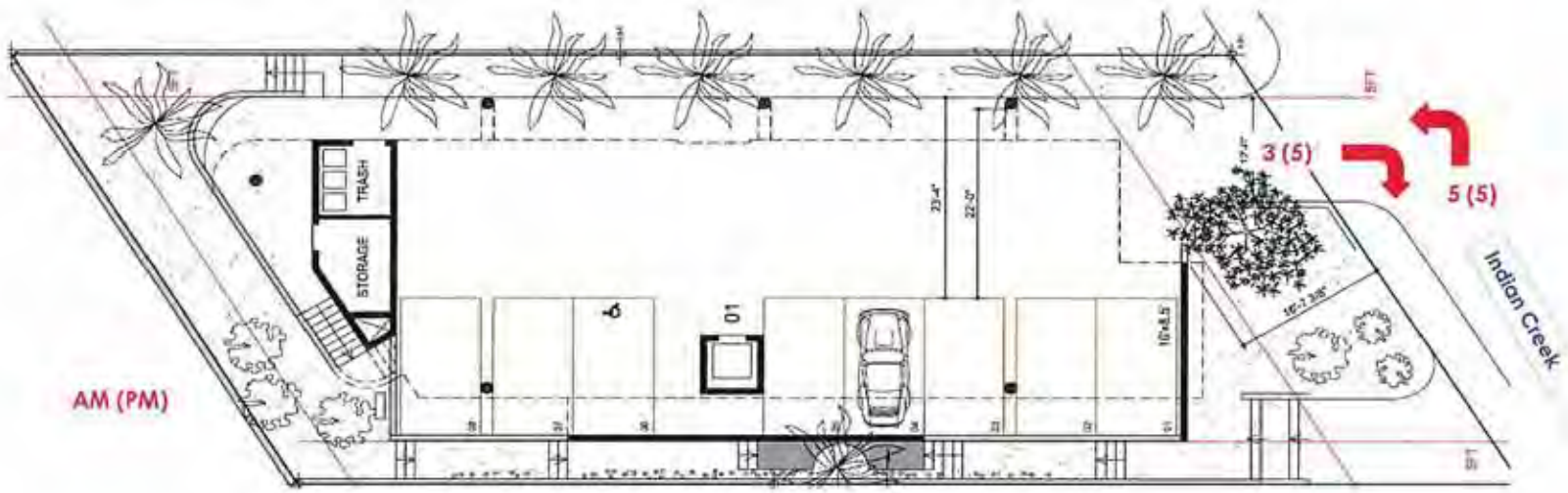
TABLE: A4-2

PM PEAK HOUR	IN	OUT	TOTAL
TRIPS:	5	5	10
PERCENT:	50.00%	50.00%	(Calculated)

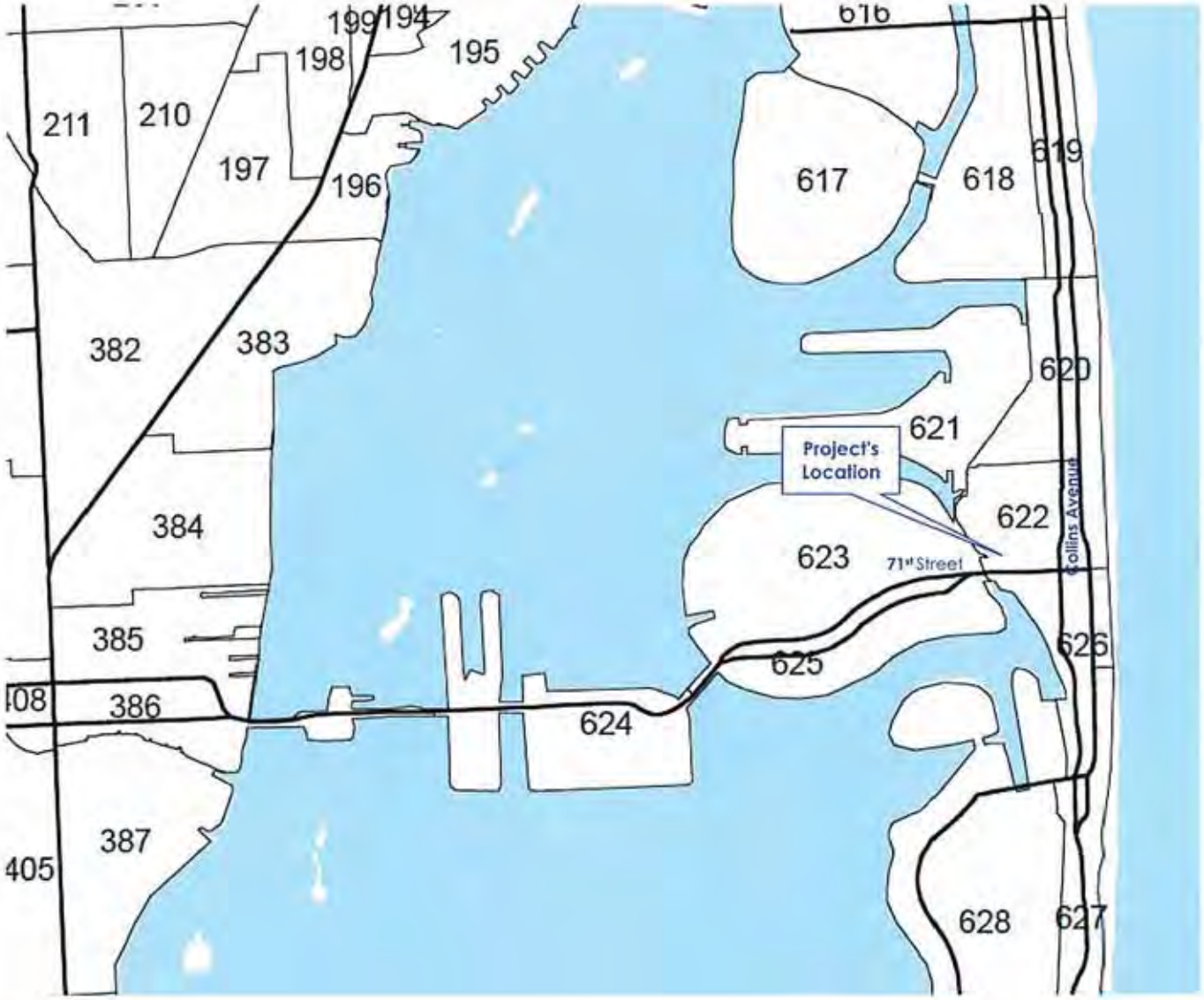
DIRECTION	DISTRIBUTION %	INGRESS		EGRESS		TOTAL
		CALCULATED	USED	CALCULATED	USED	
NNE	10.99	0.550	1	0.550	1	2
ENE	0.00	0.000	0	0.000	0	0
ESE	0.00	0.000	0	0.000	0	0
SSE	8.31	0.416	0	0.416	0	0
SSW	20.55	1.028	1	1.028	1	2
WSW	27.53	1.377	1	1.377	1	2
WNW	10.98	0.549	1	0.549	1	2
NNW	21.74	1.087	1	1.087	1	2
TOTAL	100.00	5.005	5	5.005	5	10

Driveway Gross Trips - AM & PM Peak Hour

Project Name: 7128 Indian Creek Drive



TRAFFIC ANALYSIS ZONE (TAZ)



MOBILITY OPTIONS
2040 Miami-Dade Transportation Plan
EYES ON THE FUTURE

MIAMI-DADE 2040

Long Range Transportation Plan

Directional Trip Distribution Report

October 23, 2014




MIAMI-DADE METROPOLITAN PLANNING ORGANIZATION


Photo by Asad Gilani

Miami-Dade 2010 Directional Distribution Summary											
Origin TAZ			Cardinal Directions								Total
County TAZ	Regional TAZ		NNE	ENE	ESE	SSE	SSW	WSW	WNW	NNW	
616	3516	TRIPS	703	540	0	1,630	1,842	1,537	1,127	1,812	9,191
616	3516	PERCENT	7.7	5.9	0.0	17.7	20.0	16.7	12.3	19.7	
617	3517	TRIPS	0	10	0	0	10	0	0	20	40
617	3517	PERCENT	0.0	25.0	0.0	0.0	25.0	0.0	0.0	50.0	
618	3518	TRIPS	330	165	0	322	542	490	234	755	2,838
618	3518	PERCENT	11.6	5.8	0.0	11.4	19.1	17.3	8.3	26.6	
619	3519	TRIPS	158	0	0	588	1,822	1,431	915	2,017	6,931
619	3519	PERCENT	2.3	0.0	0.0	8.5	26.3	20.7	13.2	29.1	
620	3520	TRIPS	173	0	0	481	2,563	2,285	1,185	2,715	9,402
620	3520	PERCENT	1.8	0.0	0.0	5.1	27.3	24.3	12.6	28.9	
621	3521	TRIPS	750	0	271	730	1,325	1,008	570	1,178	5,832
621	3521	PERCENT	12.9	0.0	4.7	12.5	22.7	17.3	9.8	20.2	
622	3522	TRIPS	846	0	0	547	1,669	2,238	881	1,779	7,960
622	3522	PERCENT	10.6	0.0	0.0	6.9	21.0	28.1	11.1	22.4	
623	3523	TRIPS	865	314	362	1,036	918	2,053	953	915	7,416
623	3523	PERCENT	11.7	4.2	4.9	14.0	12.4	27.7	12.9	12.3	
624	3524	TRIPS	1,510	1,185	279	1,139	2,348	3,798	2,999	2,480	15,738
624	3524	PERCENT	9.6	7.5	1.8	7.2	14.9	24.1	19.1	15.8	
625	3525	TRIPS	904	151	0	713	469	1,573	902	1,029	5,741
625	3525	PERCENT	15.8	2.6	0.0	12.4	8.2	27.4	15.7	17.9	
626	3526	TRIPS	86	0	0	0	2,128	2,780	1,523	2,730	9,247
626	3526	PERCENT	0.9	0.0	0.0	0.0	23.0	30.1	16.5	29.5	
627	3527	TRIPS	268	0	0	0	2,782	2,384	1,028	1,982	8,444
627	3527	PERCENT	3.2	0.0	0.0	0.0	33.0	28.2	12.2	23.5	
628	3528	TRIPS	572	0	107	174	1,417	1,412	675	755	5,112
628	3528	PERCENT	11.2	0.0	2.1	3.4	27.7	27.6	13.2	14.8	
629	3529	TRIPS	2,040	549	224	1,939	1,885	5,257	2,755	2,552	17,201
629	3529	PERCENT	11.9	3.2	1.3	11.3	11.0	30.6	16.0	14.8	
630	3530	TRIPS	1,018	0	101	231	1,694	2,664	1,198	1,047	7,953
630	3530	PERCENT	12.8	0.0	1.3	2.9	21.3	33.5	15.1	13.2	
631	3531	TRIPS	422	0	0	0	1,119	1,636	433	741	4,351
631	3531	PERCENT	9.7	0.0	0.0	0.0	25.7	37.6	10.0	17.0	
632	3532	TRIPS	250	0	0	0	528	1,486	568	688	3,520
632	3532	PERCENT	7.1	0.0	0.0	0.0	15.0	42.2	16.1	19.6	
633	3533	TRIPS	330	0	0	0	1,045	1,375	758	776	4,284
633	3533	PERCENT	7.7	0.0	0.0	0.0	24.4	32.1	17.7	18.1	
634	3534	TRIPS	1,649	138	246	667	1,620	2,236	1,335	1,553	9,444
634	3534	PERCENT	17.5	1.5	2.6	7.1	17.2	23.7	14.1	16.4	
635	3535	TRIPS	768	0	0	0	1,106	1,912	1,284	1,253	6,323
635	3535	PERCENT	12.2	0.0	0.0	0.0	17.5	30.2	20.3	19.8	
636	3536	TRIPS	775	0	0	320	731	2,473	1,515	1,466	7,280

Miami-Dade 2040 Directional Distribution Summary											
Origin TAZ			Cardinal Directions								Total
County TAZ	Regional TAZ		NNE	ENE	ESE	SSE	SSW	WSW	WNW	NNW	
616	3516	TRIPS	887	556	0	1,876	1,859	1,836	1,423	2,112	10,549
616	3516	PERCENT	8.4	5.3	0.0	17.8	17.6	17.4	13.5	20.0	
617	3517	TRIPS	81	36	8	61	50	65	48	56	405
617	3517	PERCENT	20.0	8.9	2.0	15.1	12.4	16.1	11.9	13.8	
618	3518	TRIPS	245	194	0	283	618	438	292	527	2,597
618	3518	PERCENT	9.4	7.5	0.0	10.9	23.8	16.9	11.2	20.3	
619	3519	TRIPS	297	0	0	1,202	2,738	1,949	1,188	3,411	10,785
619	3519	PERCENT	2.8	0.0	0.0	11.2	25.4	18.1	11.0	31.6	
620	3520	TRIPS	59	0	0	691	2,586	2,659	1,388	3,229	10,612
620	3520	PERCENT	0.6	0.0	0.0	6.5	24.4	25.1	13.1	30.4	
621	3521	TRIPS	641	0	207	652	1,069	897	507	931	4,904
621	3521	PERCENT	13.1	0.0	4.2	13.3	21.8	18.3	10.3	19.0	
622	3522	TRIPS	1,041	0	0	1,013	1,705	2,290	939	1,768	8,756
622	3522	PERCENT	11.9	0.0	0.0	11.6	19.5	26.2	10.7	20.2	
623	3523	TRIPS	660	379	254	1,131	910	1,892	857	961	7,044
623	3523	PERCENT	9.4	5.4	3.6	16.1	12.9	26.9	12.2	13.6	
624	3524	TRIPS	1,731	1,417	382	1,244	2,520	3,891	3,312	2,764	17,261
624	3524	PERCENT	10.0	8.2	2.2	7.2	14.6	22.5	19.2	16.0	
625	3525	TRIPS	919	266	0	846	669	1,872	1,085	1,165	6,822
625	3525	PERCENT	13.5	3.9	0.0	12.4	9.8	27.4	15.9	17.1	
626	3526	TRIPS	108	0	0	0	3,832	3,818	1,879	4,428	14,065
626	3526	PERCENT	0.8	0.0	0.0	0.0	27.2	27.2	13.4	31.5	
627	3527	TRIPS	667	0	0	0	4,525	3,711	1,836	3,520	14,259
627	3527	PERCENT	4.7	0.0	0.0	0.0	31.7	26.0	12.9	24.7	
628	3528	TRIPS	555	0	175	168	1,097	1,212	405	514	4,126
628	3528	PERCENT	13.5	0.0	4.2	4.1	26.6	29.4	9.8	12.5	
629	3529	TRIPS	1,948	557	335	1,556	1,577	4,662	2,347	1,892	14,874
629	3529	PERCENT	13.1	3.7	2.3	10.5	10.6	31.3	15.8	12.7	
630	3530	TRIPS	1,398	0	223	373	1,797	2,860	1,105	1,164	8,920
630	3530	PERCENT	15.7	0.0	2.5	4.2	20.2	32.1	12.4	13.1	
631	3531	TRIPS	802	0	0	0	2,347	2,348	855	1,454	7,806
631	3531	PERCENT	10.3	0.0	0.0	0.0	30.1	30.1	11.0	18.6	
632	3532	TRIPS	603	0	0	0	1,583	2,022	1,057	919	6,184
632	3532	PERCENT	9.8	0.0	0.0	0.0	25.6	32.7	17.1	14.9	
633	3533	TRIPS	573	0	0	0	1,534	1,830	876	1,027	5,840
633	3533	PERCENT	9.8	0.0	0.0	0.0	26.3	31.3	15.0	17.6	
634	3534	TRIPS	1,445	71	167	680	1,389	1,930	1,212	1,265	8,159
634	3534	PERCENT	17.7	0.9	2.1	8.3	17.0	23.7	14.9	15.5	
635	3535	TRIPS	1,380	0	0	0	1,833	2,491	1,518	1,720	8,942
635	3535	PERCENT	15.4	0.0	0.0	0.0	20.5	27.9	17.0	19.2	
636	3536	TRIPS	1,729	0	0	727	1,308	2,610	1,308	1,181	8,863