TRAFFIC ANALYSIS

FOR

Hallandale Medical

Prepared for:

Enrico Popescu
Architectura Group Miami
1920 Hallandale Beach Blvd, Suite 908
Hallandale, Florida 33009

Prepared by

Susan E. O'Rourke, P.E., Inc.
969 SE Federal Highway, Suite 402
Stuart, Florida 34994
772-781-7918

XR16022.0
May 7, 2016

Prepared by: Susan E. O'Rourke, P.E., Inc. Certificate of Authorization: #26869 969 SE Federal Highway, Suite 402 Stuart, Florida 34994 772-781-7918	Professional Engineer Susan E. O'Rourke, P.E. Date signed and sealed: 05/7/16 License #: 42684

TABLE OF CONTENTS

INTRODUCTION	1
PROJECT DESCRIPTION	1
TRIP GENERATION	3
LANE GEOMETRICS/TRANSIT/ RAIL	3
PROJECT ASSIGNMENT	5
LINK ANALYSIS	5
TRANSIT	5
CONCLUSION	5

TABLES

TABLE 1: Trip Generation	4
TABLE 2: Link Analysis	7

FIGURES

FIGURE 1: Project Location	2
FIGURE 2: Project Percent Assignment	6

APPENDIX

APPENDIX A SITE PLAN
APPENDIX B Transit Data and Roadway Network

INTRODUCTION

Susan E. O'Rourke, P.E., Inc. was retained to prepare a traffic analysis for the proposed development of 24,000 square feet of Medical Office. The purpose of this report is to determine the impact on the surrounding roadway system associated with the proposed development. The following analytical steps were taken:

- summary of the project description; existing land use and proposed land use,
- summary of existing lane geometrics,
- assessment of the change in trip generation
- summary of base traffic volumes
- summary of 2018 traffic volumes
- Description of available transit/rail

Each of these steps is outlined herein.

PROJECT DESCRIPTION

The proposed project involves a parcel of land located on the SW corner of NW 5th street (Foster Rd) and N Dixie Highway in Broward County. The proposal is to develop a 24,000 square foot Medical Center on three floors. The development will be close to existing bus service that connects to tri-rail and future rail stations.

The project is in the West RAC Sub-district of Foster Road.

Figure 1 shows the project's location. **Appendix A** includes the site plan and the RAC Plan

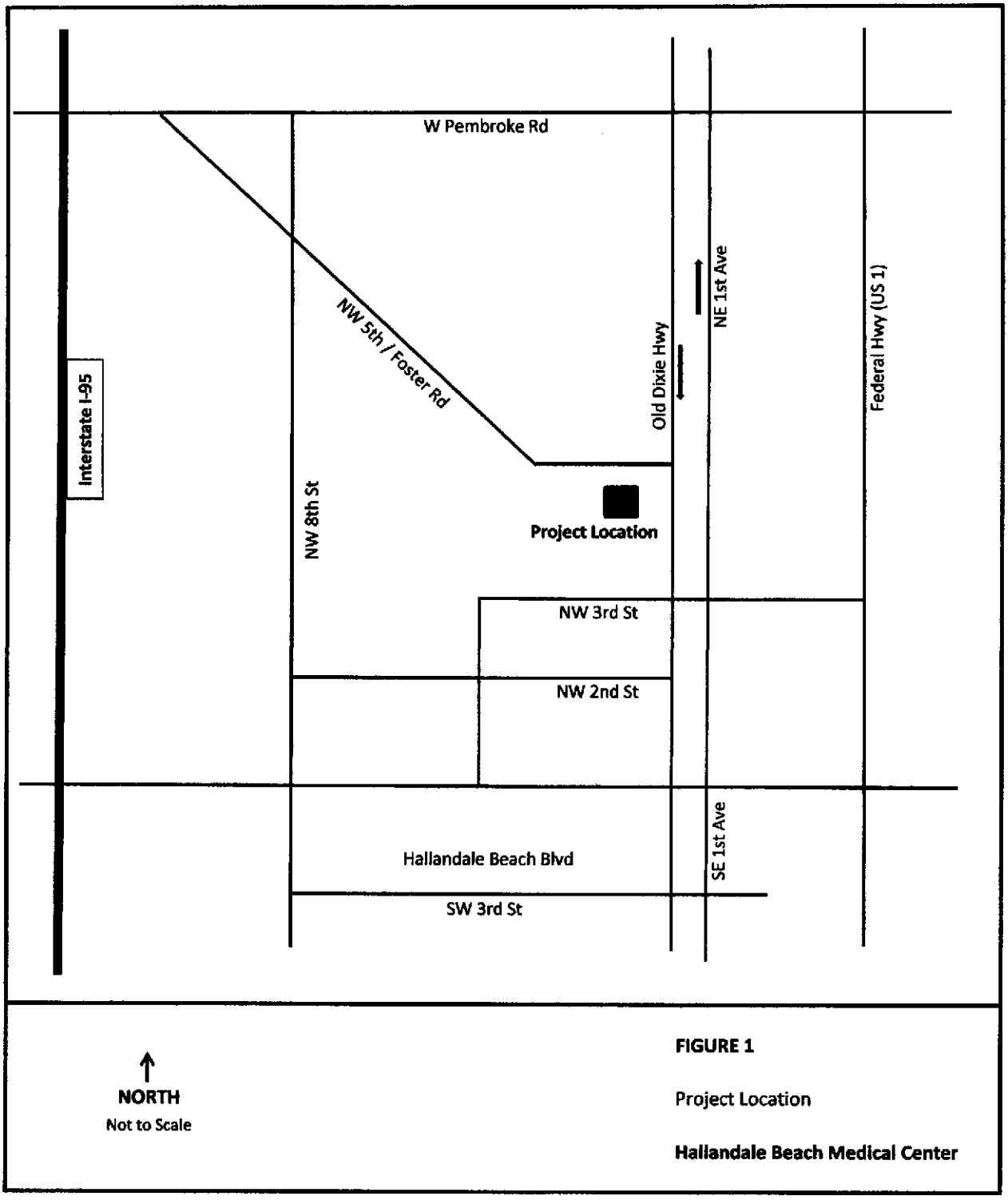


FIGURE 1

Project Location

Hallandale Beach Medical Center

TRIP GENERATION

To estimate traffic generated by the Hallandale Medical project ITE Trip Generation, 9th Edition trip rates for medical office (Land Use Code 720). These calculations provide an estimate of the typical generation. Trip generation for the project in the PM Peak Hour is shown in **Table 1**

Table 1 shows that the proposed land use change would result in a net impact of 766 trips on a daily basis with 57 trips in the AM peak hour and 81 trips in the PM peak hour.

Broward County Concurrency outlines trip reductions for transit and rail features and proximity. This project is allowed a minimum of 10% reduction. For this analysis the 10% has not yet been applied.

LANE GEOMETRICS/ TRANSIT/RAIL

The study area was reviewed to determine the existing number and type of lanes along the roadway. Each roadway is described below.

NW 1st Street, NW 2nd Street, NW 4th Street and NW 5th Street are two lane local roadways with east/west alignment.

Pembroke Road is a four lane undivided State Principal Arterial roadway with an east west alignment.

Hallandale Beach Boulevard is a six lane undivided State Principal Arterial roadway with an east west alignment.

N Dixie Highway / NE 1st Avenue is a one-way pair with N Dixie Highway being 4 lanes southbound and NE 1st Avenue being 2 lanes northbound.

The project is just outside of the ½ mile radius for the proposed Tri-Rail Coastal Service link. It is within 1/4 mile of the two bus lines Route 3 and 4. Route 3 provides direct access to the Tri rail and Metrolink stations and Route 4 provides local service. The routes are shown in **Appendix B.**

TABLE 1a: Daily Trip Generation (Proposed)

Land Use	ITE Code	Intensity	Daily Trip Generation	Directional Split		Gross Trips			Daily Net New Trips		
				In	Out	In	Out	Total	In	Out	Total
Medical Office	720	24,000 SF	T=40.89(x)-214.97	50%	50%	383	383	766	383	383	766

TABLE 1b: AM Trip Generation (Proposed)

Land Use	ITE Code	Intensity	AM Trip Generation	Directional Split		Gross Trips			AM Net New Trips		
				In	Out	In	Out	Total	In	Out	Total
Medical Office	720	24,000 SF	T=2.39(x)	79%	21%	45	12	57	45	12	57

TABLE 1c: PM Trip Generation (Proposed)

Land Use	ITE Code	Intensity	PM Trip Generation	Directional Split		Gross Trips			PM Net New Trips		
				In	Out	In	Out	Total	In	Out	Total
Medical Office	720	24,000 SF	Ln(T)=0.9Ln(x)+1.53	28%	72%	23	58	81	23	58	81

Source: ITE, 9th Edition, Trip Generation Rates

PROJECT ASSIGNMENT

The project traffic was distributed by general geographic direction based on the existing and future travel patterns. This general distribution led to an assignment of trips based on the anticipated ultimate destinations and the roadway paths used to reach those destinations. **Figure 2** illustrates the project assignment on the network.

LINK ANALYSIS

Section 32.887 of the code relies on Level of Service D.

Table 2 summarizes the projects impact on the local network. As shown the project will have a significant impact of just over 1% on NE 1st Avenue north of NW 3rd Street and on NE 3rd Street.

Total traffic was calculates on those links. Table 3 summarizes the impacts. A 1% growth rate was developed from MPO Count Data between 2013 and 2035. Committed trips from the ArtSquare were also included in the analysis. The existing traffic volumes were taken from the Broward County Traffic Counts for 2013 and the 2014 counts included in the Hallandale ArtSquare Traffic Study by Calvin Giordano.

The project traffic was added to those volumes to estimate 2018 Total Traffic Volumes. The addition of the project traffic does not create a negative impact on any of the links. The link will comply with the City LOS Standards. **Appendix B** contains the 2013 and 2035 volumes and network data.

CONCLUSION

The proposed land use change will result in an increase in trips of 766 daily trips, 57 AM peak hour trips and 81 PM peak hour trips.

On the links within the study area, there would be a slight increase in traffic associated with the development. However, no improvements would be needed to address the increase in traffic.

PROJECT ASSIGNMENT

The project traffic was distributed by general geographic direction based on the existing and future travel patterns. This general distribution led to an assignment of trips based on the anticipated ultimate destinations and the roadway paths used to reach those destinations. **Figure 2** illustrates the project assignment on the network.

LINK ANALYSIS

Section 32.887 of the code relies on Level of Service D.

Table 2 summarizes the projects impact on the local network. As shown the project will have a significant impact of just over 1% on NE 1st Avenue north of NW 3rd Street and on NE 3rd Street.

Total traffic was calculates on those links. Table 3 summarizes the impacts. A 1% growth rate was developed from MPO Count Data between 2013 and 2035. Committed trips from the ArtSquare were also included in the analysis. The existing traffic volumes were taken from the Broward County Traffic Counts for 2013 and the 2014 counts included in the Hallandale ArtSquare Traffic Study by Calvin Giordano.

The project traffic was added to those volumes to estimate 2018 Total Traffic Volumes. The addition of the project traffic does not create a negative impact on any of the links. The link will comply with the City LOS Standards. **Appendix B** contains the 2013 and 2035 volumes and network data.

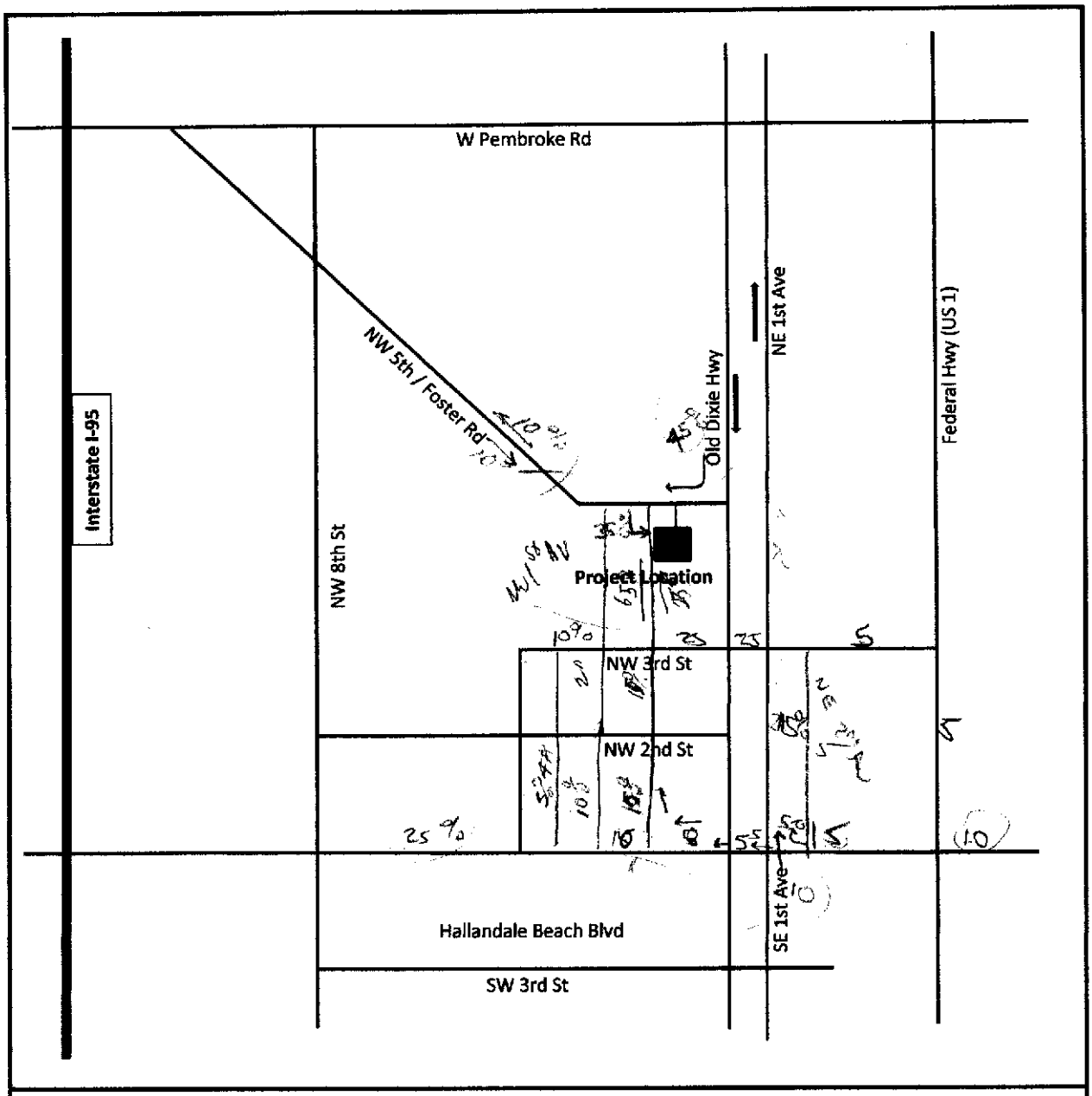
DRIVEWAYS

There are two driveways serving the project. One is located on NW 5th Street/Foster Road and one on NW 1st Avenue. Both driveways will be full access. Given the lower volumes of the project, turn lanes will not be required.

CONCLUSION

The proposed land use change will result in an increase in trips of 766 daily trips, 57 AM peak hour trips and 81 PM peak hour trips.

On the links within the study area, there would be a slight increase in traffic associated with the development. However, no improvements would be needed to address the increase in traffic.



NORTH
Not to Scale

Legend

B = Bus Route

FIGURE 1 2

Project % Assignment

Hallandale Beach Medical Center

Table 2: Project Percent Impact

Segment	From	To	Functional Classification	Direction	LOS D Peak Hour	Project Volume-Peak Hour	% Project of Capacity-Peak Direction	Percent assignment Peak direction
Old Dixie Highway	W Pembroke Road	Foster Road	Urban Collector	SB	3636	10	0.28%	45%
	Foster Road	Hallandale Beach Blvd	Urban Collector	SB	3636	12	0.32%	20%
	Hallandale Beach Blvd	SW 3rd Street	Urban Collector	SB	2700	6	0.21%	10%
NE 1st Avenue	Hallandale Beach Blvd	NW 3rd Street	Urban Collector	NB	1752	3	0.20%	15%
	NW 3rd Street	W Pembroke Road	Urban Collector	NB	1752	26	1.49%	45%
SE 1st Avenue	SW 3rd Street	Hallandale Beach Blvd	Urban Collector	NB	1752	2	0.13%	10%
Hallandale Beach Blvd	Federal Highway (US 1)	Old Dixie Highway	Urban Principal Arterial	EB/WB	5390	12	0.23%	15%
	Old Dixie Highway	NW 8th Street	Urban Principal Arterial	EB/WB	5930	20	0.34%	25%
NE 3rd Street	Federal Highway (US 1)	Old Dixie Highway	City Collector	EB/WB	1197	20	1.69%	25%
Foster Road	NW 8th Street	Old Dixie Highway	City Collector	EB/WB	1197	8	0.68%	10%

LOS D (MPO or 2012 Values 8LDx.6=3636, 4LD x .6= 2700, 2L X.9=1197)

Trips In:	23
Trips Out:	58
Total Trips	81

Table 3: Link Analysis - 2018

Segment	From	To	Functional Classification	Direction	2014 Volume - Peak Hour Peak Direction	Growth Rate	Committed Trips	2018 Volume (2014 x growth/ year)	LOS D Peak Hour	Project Volume- Peak Hour	Total Traffic =2018+ Project	% Project of Capacity- Peak Direction	Does Project Meet Concurrency ?	Percent assignment Peak direction
NE 1st Avenue	NW 3rd Street	W Pembroke Road	Urban Collector	NB	1303	1.010	1	1356	1752	26	1382	1.49%	yes	45%
NE 3rd Street	Federal Highway (US 1)	Old Dixie Highway	City Collector	EB/WB	456	1.010	36	475	1197	20	495	1.69%	yes	25%

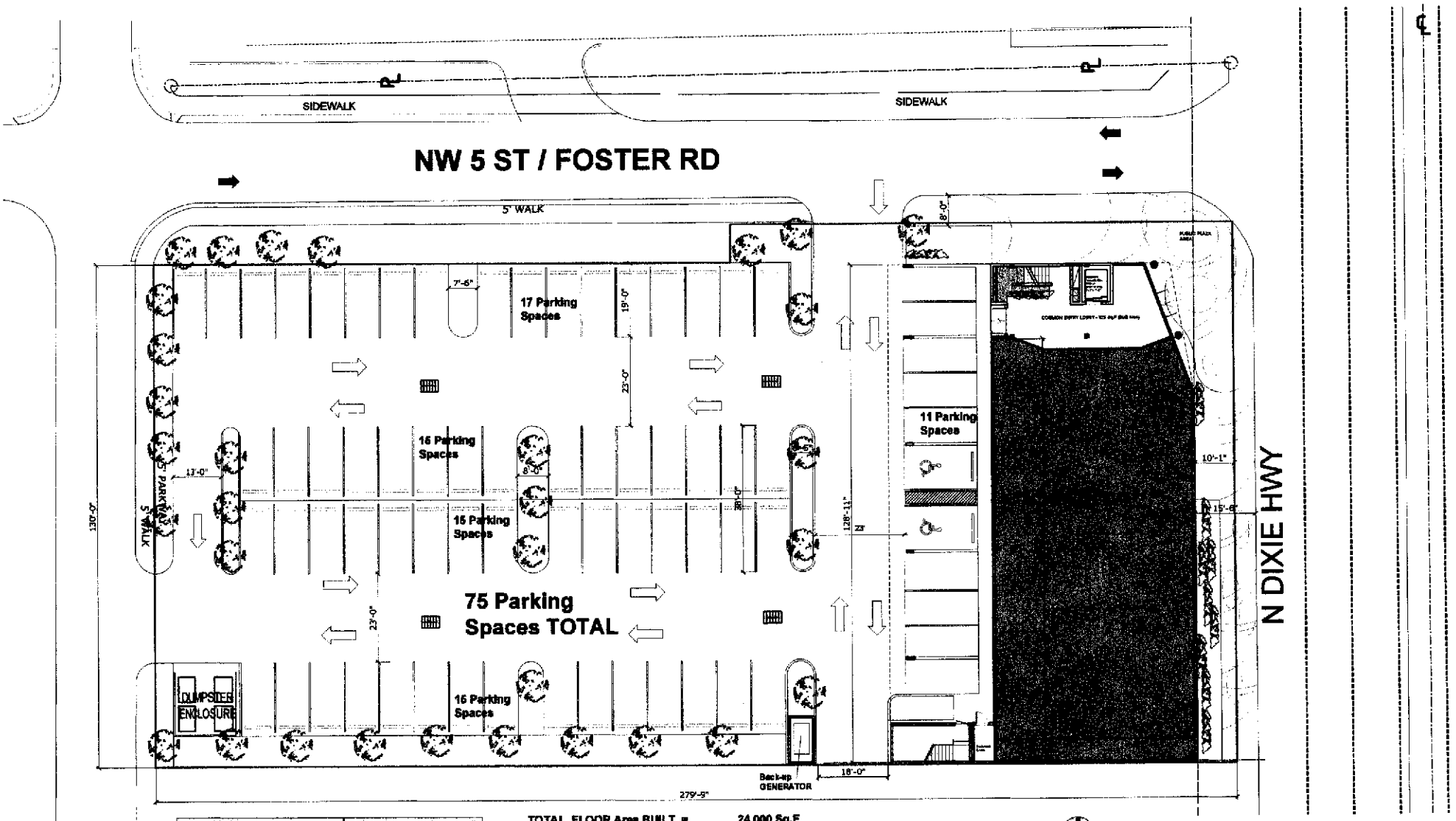
LOS D (MPO or 2012 Values 5LDx.6=3636, 4LD x .6= 2700, 2L X.9=1197)

Growth rate based on 2013 to 2035 MPO Values

Trips In:	23
Trips Out:	58
Total Trips	81

APPENDIX A

SITE PLAN



ARCHITECTURA GROUP MIAMI

TOTAL FLOOR Area BUILT = ...24,000 Sq.F
TOTAL Ground Floor = ...5,660 Sq.F
TOTAL Parking Spaces = ... 75 Spaces

0 4 8 16 24

HALLANDALE BEACH

RAC REGULATING PLAN

LEGEND

- ★ GENERAL LOCATION OF PLANNED TRI-RAIL COASTAL LINK STATION
- PRIMARY STREETS
- FUTURE CONNECTIONS

CENTRAL RAC SUBDISTRICTS

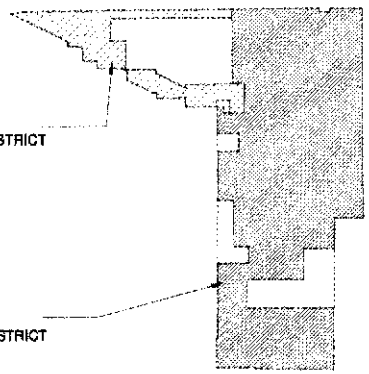
- RAC CORRIDOR
- TRANSIT CORE
- RAC NEIGHBORHOOD
- TRANSITIONAL MIXED USE
- FASHION/ ART/ DESIGN
- GREYHOUND TRACK

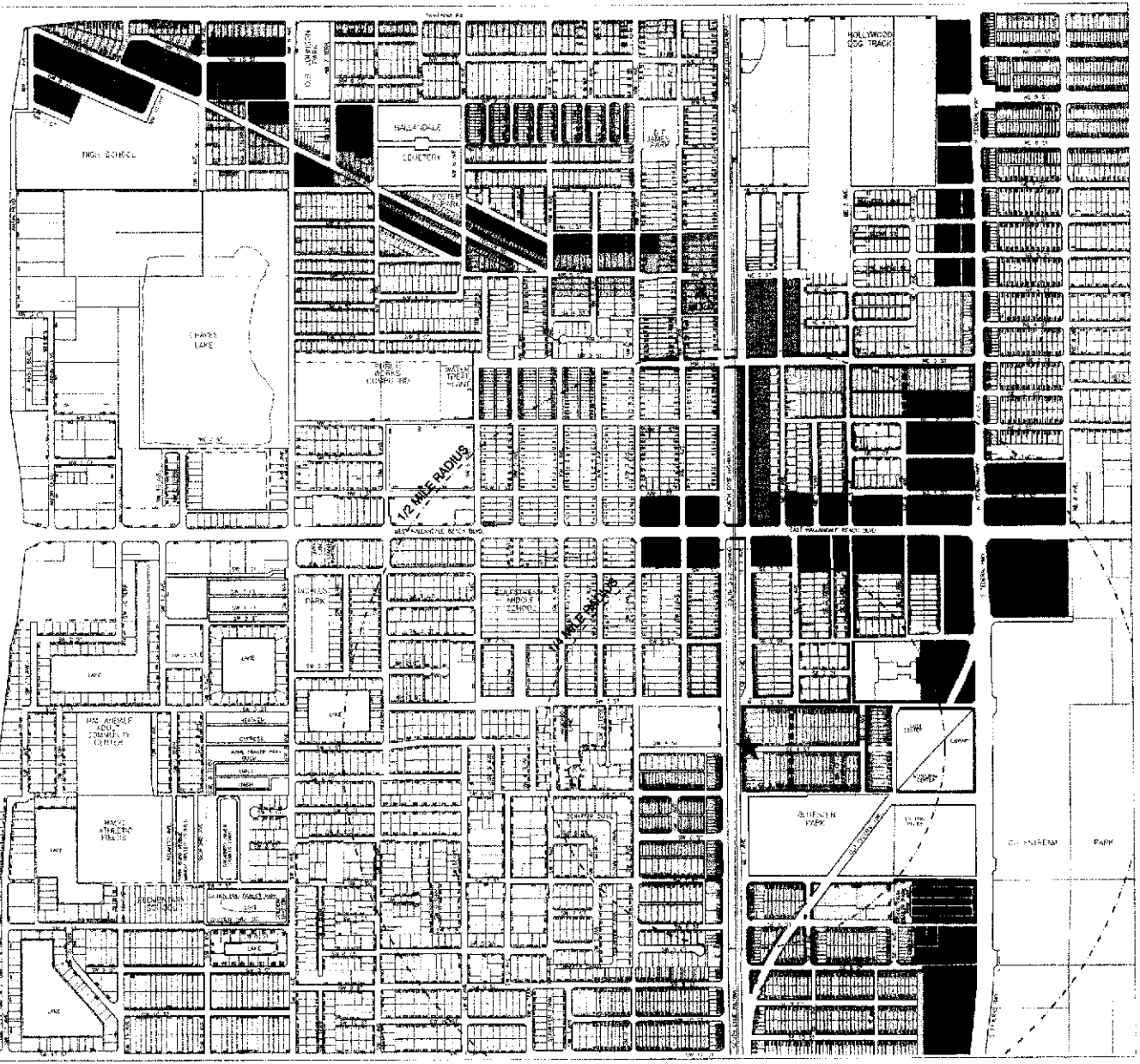
WEST RAC SUBDISTRICTS

- PEMBROKE ROAD
- FOSTER ROAD
- PALMS GATEWAY

As Adopted 11/05/2014

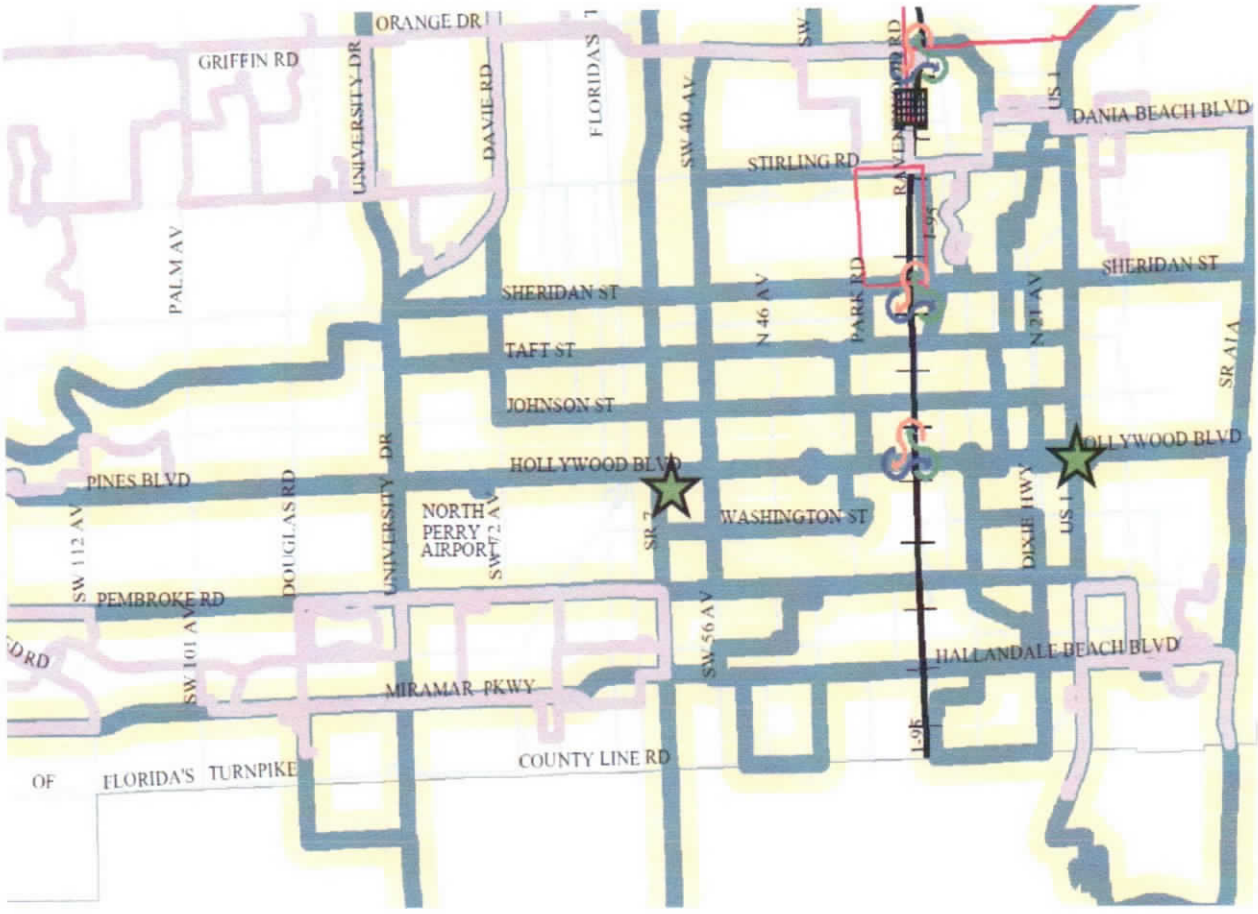
RAC FUTURE LAND USE





APPENDIX B

TRANSIT DATA/ ROADWAY NETWORK/ TRAFFIC VOLUMES



BROWARD COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

Existing Transit Services

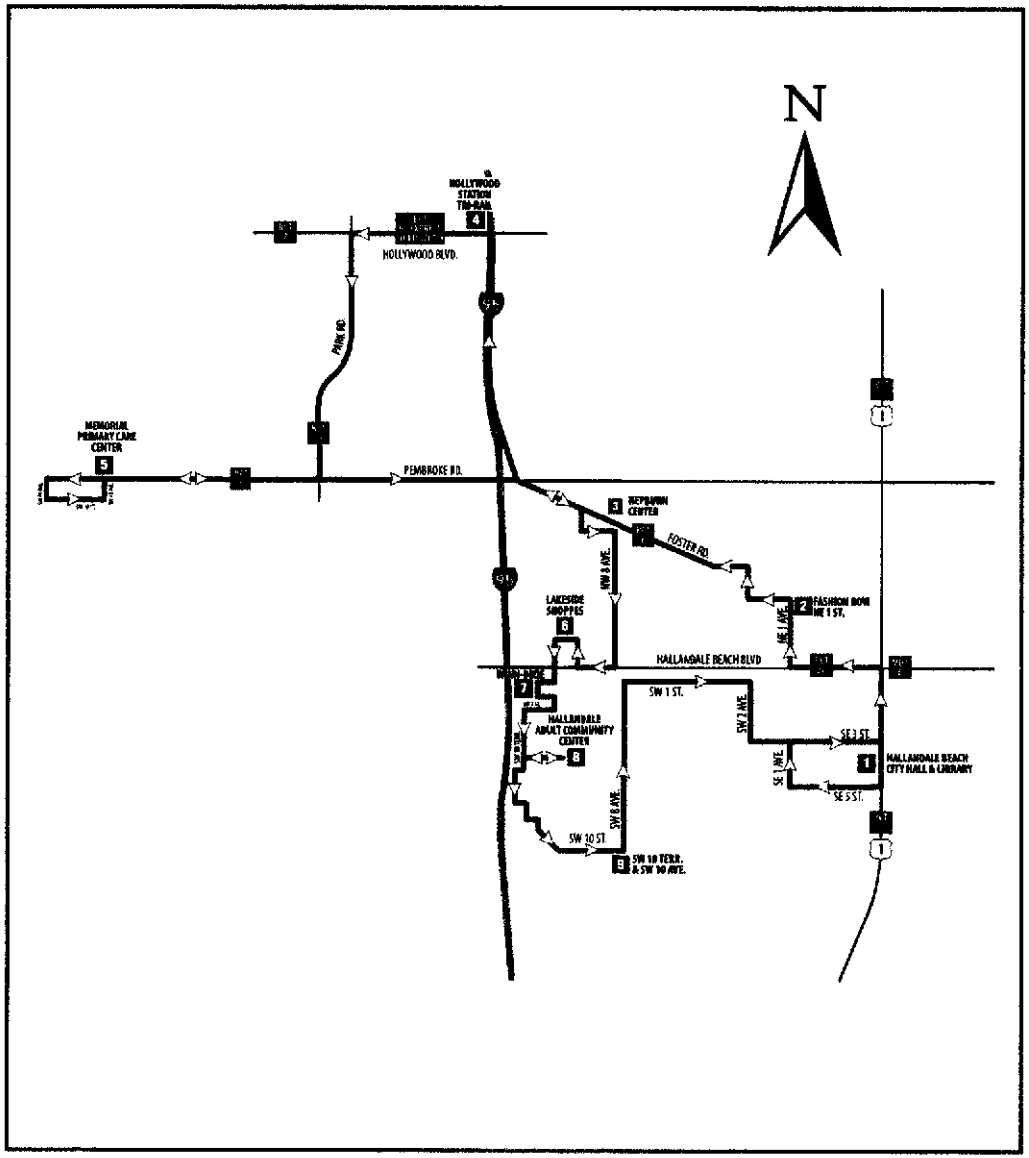
LEGEND

- Tri-Rail Station
- BCT Administriation
- Major Transfer Point
- Terminal
- Tri-Rail Feeder Bus Routes
- Community Bus Routes
- Fixed Bus Route
- Tri-Rail
- Broward Urban Shuttle
- 1/4-Mile Buffer

August 2006

N W E S

0 2 4
Miles

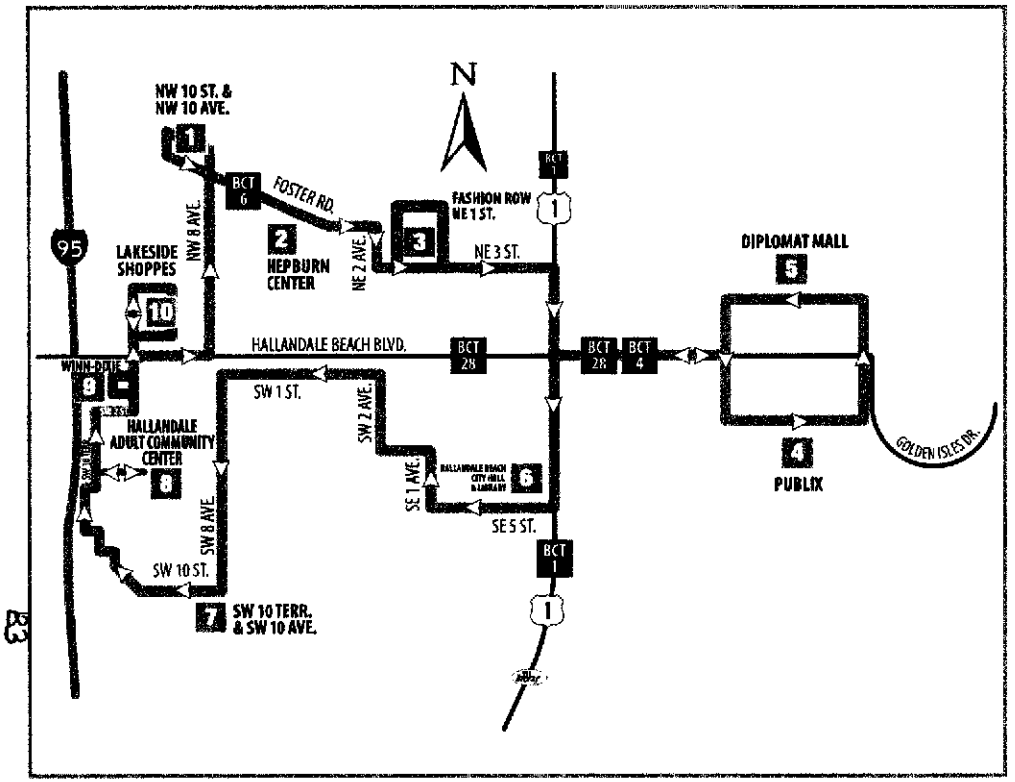


Route 3

HALLANDALE CITY HALL LIBRARY	FASHION ROW NW 1 AVE	HEPBURN CENTER NW 8 AVE	TCRA HOLLYWOOD TRI-RAIL	BROWARD SOUTH REGIONAL HEALTH CTR	LAKE SIDE SHOPS	WINN-DIXIE HALLANDALE BB & SW 10 T	HALLANDALE ADULT COMMUNITY CENTER	SW 10 T SW 10 A HALLANDALE	HALLANDALE CITY HALL LIBRARY
1	2	3	4	5	6	7	8	9	1
7:00a	7:07a	7:13a	7:23a	7:30a	7:36a	7:41a	7:45a	7:52a	8:02a
8:05a	8:12a	8:18a	8:28a	8:35a	8:41a	8:46a	8:50a	8:57a	9:07a
9:10a	9:17a	9:23a	9:33a	9:40a	9:46a	9:51a	9:55a	10:02a	10:12a
10:15a	10:22a	10:28a	10:38a	10:45a	10:51a	10:56a	11:00a	11:07a	11:17a
11:20a	11:27a	11:33a	11:43a	11:50a	11:56a	**12:01p**	**12:05p**	**12:13p**	**12:23p**
12:25p	**12:32p**	**12:39p**	**12:47p**	**12:56p**	**1:03p**	**1:08p**	**1:12p**	**1:20p**	**1:30p**
1:30p	**1:37p**	**1:44p**	**1:52p**	**2:01p**	**2:06p**	**2:13p**	**2:17p**	**2:25p**	**2:35p**
2:37p	**2:44p**	**2:51p**	**2:59p**	**3:08p**	**3:15p**	**3:20p**	**3:24p**	**3:32p**	**3:42p**
3:44p	**3:51p**	**3:58p**	**4:06p**	**4:15p**	**4:22p**	**4:27p**	**4:31p**	**4:39p**	**4:49p**
4:52p	**4:59p**	**5:06p**	**5:14p**	**5:23p**	**5:30p**	**5:35p**	**5:39p**	**5:47p**	**5:57p**
6:00p	**6:07p**	**6:14p**	**6:22p**		**6:33p**	**6:38p**	**6:42p**	**6:50p**	**7:00p**

Bold type indicates PM hours.

Hallandale Beach
PROGRESS. INNOVATION. OPPORTUNITY.



Route 4

NW 10 ST AND NW 10 AVE	HEPBURN CENTER NW 8 AVE HALLANDALE	FASHION ROW NE 1 AVE HALLANDALE	GOLDEN ISLES SC/PUBLIX SE 14 A	DIPLOMAT MALL	HALLANDALE CITY HALL & LIBRARY	SW 10 TERR / SW 10 STREET HALLANDALE	HALLANDALE ADULT COMMUNITY CENTER	WINN-DIXIE HALLANDALE BB & SW 10 T	LAKESIDE SHOPS	NW 10 ST AND NW 10 AVE
1	2	3	4	5	6	7	8	9	10	1
7:00a	7:03a	7:07a	7:15a	7:19a	7:28a	7:38a	7:41a	7:45a	7:48a	7:57a
8:00a	8:03a	8:07a	8:15a	8:19a	8:28a	8:38a	8:41a	8:45a	8:48a	8:57a
9:00a	9:03a	9:07a	9:15a	9:19a	9:28a	9:38a	9:41a	9:45a	9:48a	9:57a
10:00a	10:03a	10:07a	10:15a	10:19a	10:28a	10:38a	10:41a	10:45a	10:48a	10:57a
11:00a	11:03a	11:07a	11:15a	11:19a	11:28a	11:38a	11:41a	11:45a	11:48a	11:57a
12:00p	**12:03p**	**12:07p**	**12:15p**	**12:19p**	**12:28p**	**12:38p**	**12:41p**	**12:45p**	**12:48p**	**12:57p**
1:00p	**1:03p**	**1:07p**	**1:15p**	**1:19p**	**1:28p**	**1:38p**	**1:41p**	**1:45p**	**1:48p**	**1:57p**
2:00p	**2:03p**	**2:07p**	**2:15p**	**2:19p**	**2:28p**	**2:38p**	**2:41p**	**2:45p**	**2:48p**	**2:57p**
3:00p	**3:03p**	**3:07p**	**3:15p**	**3:19p**	**3:28p**	**3:38p**	**3:41p**	**3:45p**	**3:48p**	**3:57p**
4:00p	**4:03p**	**4:07p**	**4:15p**	**4:19p**	**4:28p**	**4:38p**	**4:41p**	**4:45p**	**4:48p**	**4:57p**
5:00p	**5:03p**	**5:07p**	**5:15p**	**5:19p**	**5:28p**	**5:38p**	**5:41p**	**5:45p**	**5:48p**	**5:57p**
6:00p	**6:03p**	**6:07p**	**6:15p**	**6:19p**	**6:29p**	**6:39p**	**6:42p**	**6:46p**	**6:50p**	**7:00p**

Bold type indicates PM hours.

Hallandale Beach
PEOPLE. INNOVATION. OPPORTUNITY.

Hallandale

ArtSquare

Traffic

Impact

Study

prepared

by

Calvin, Giordano and Associates

Calvin, Giordano & Associates, Inc.

OCTOBER 2014

CH Perez and Associates Consulting Engineers Inc.

9594 NW 41st Street, Suite 201, Miami, Florida 33178

Turning Movement Count
NE 3 Street at W Dixie Highway (SB) and NE 1 Avenue (NB)

File Name : NE 3 St at Dixie Hwy and NE 1 Ave
Site Code : 00300102
Start Date : 9/11/2014
Page No : 1

Groups Printed- Passenger Cars - Heavy Vehicles

	Dixie Highway Southbound					NE 3 Street Westbound					NE 1 Avenue Northbound					NE 3 Street Eastbound					
Start Time	Right	Thru	Left	P&B CNL	App. Total	Right	Thru	Left	P&B CEL	App. Total	Right	Thru	Left	P&B CSL	App. Total	Right	Thru	Left	P&B CWL	App. Total	Int. Total
07:45 AM	6	102	36	0	144	19	45	7	0	71	0	25	2	1	28	8	42	15	3	68	311
Total	6	102	36	0	144	19	45	7	0	71	0	25	2	1	28	8	42	15	3	68	311
08:00 AM	4	139	48	0	191	11	26	10	0	47	13	29	4	1	47	6	42	17	1	66	351
08:15 AM	1	143	42	0	186	16	14	4	0	34	6	30	1	2	39	7	36	17	0	60	319
08:30 AM	6	147	28	1	182	11	19	9	0	39	2	27	2	2	33	7	28	11	0	46	300
08:45 AM	3	143	49	0	195	16	16	12	0	44	4	38	2	3	47	13	33	10	2	58	344
Total	14	572	167	1	754	54	75	35	0	164	25	124	9	8	166	33	139	55	3	230	1314
09:00 AM	4	106	40	1	151	13	18	9	0	40	3	21	3	0	27	8	31	17	2	58	276
09:15 AM	5	89	42	0	136	12	16	8	1	37	4	31	5	5	45	3	23	10	1	37	255
09:30 AM	2	71	15	1	89	10	19	7	0	36	1	24	6	1	32	6	21	11	1	39	196
*** BREAK ***																					
Total	11	266	97	2	376	35	53	24	1	113	8	76	14	6	104	17	75	38	4	134	727
*** BREAK ***																					
04:15 PM	5	75	24	2	106	20	21	11	0	52	2	56	9	4	71	3	20	4	2	29	258
04:30 PM	9	78	15	2	104	21	42	11	0	74	0	71	9	1	81	3	21	7	0	31	290
04:45 PM	10	73	22	2	107	24	40	13	0	77	6	61	6	0	73	4	27	6	0	37	294
Total	24	226	61	6	317	65	103	35	0	203	8	188	24	5	225	10	68	17	2	97	842
05:00 PM	12	84	31	1	128	18	60	7	0	85	13	129	8	1	151	0	24	12	1	37	401
05:15 PM	7	73	25	1	106	26	48	7	0	81	3	83	13	0	99	2	45	15	3	65	351
05:30 PM	3	71	27	1	102	15	31	7	0	53	5	76	1	1	83	3	40	19	1	63	301
05:45 PM	3	64	18	2	87	22	28	3	1	54	9	80	3	0	92	4	33	10	0	47	280
Total	25	292	101	5	423	81	167	24	1	273	30	368	25	2	425	9	142	56	5	212	1333
06:00 PM	4	87	28	0	119	16	25	5	1	47	3	61	6	1	71	3	40	19	1	63	300
Grand Total	84	1545	490	14	2133	270	468	130	3	871	74	842	80	23	1019	80	506	200	18	804	4827
Apprch %	3.9	72.4	23	0.7		31	53.7	14.9	0.3		7.3	82.6	7.9	2.3		10	62.9	24.9	2.2		
Total %	1.7	32	10.2	0.3	44.2	5.6	9.7	2.7	0.1	18	1.5	17.4	1.7	0.5	21.1	1.7	10.5	4.1	0.4	16.7	
Passenger Cars	80	1484	452	3	2019	263	432	118	3	816	73	833	70	23	999	75	457	190	18	740	4574
% Passenger Cars																					
Heavy Vehicles	4	61	38	11	114	7	36	12	0	55	1	9	10	0	20	5	49	10	0	64	253
% Heavy Vehicles	4.8	3.9	7.8	78.6	5.3	2.6	7.7	9.2	0	6.3	1.4	1.1	12.5	0	2	6.2	9.7	5	0	8	5.2

P&B CNL: Pedestrians and Bicyclists Crossing North Leg

P&B CEL: Pedestrians and Bicyclists Crossing East Leg

P&B CSL: Pedestrians and Bicyclists Crossing South Leg

P&B CWL: Pedestrians and Bicyclists Crossing West Leg

CH Perez and Associates Consulting Engineers Inc.

9594 NW 41st Street, Suite 201, Miami, Florida 33178

Turning Movement Counts
NE 3 Street at NE 3 Avenue

File Name : NE 3 Street at NE 3 Avenue
Site Code : 87030000
Start Date : 9/11/2014
Page No : 1

Groups Printed- Passenger Cars

	NE 3 Avenue Southbound					NE 3 Street Westbound					NE 3 Avenue Northbound					NE 3 Street Eastbound					
Start Time	Right	Thru	Left	P&B CNL	App. Total	Right	Thru	Left	P&B CEL	App. Total	Right	Thru	Left	P&B CSL	App. Total	Right	Thru	Left	P&B CWL	App. Total	Int. Total
07:45 AM	5	1	0	0	6	0	44	6	0	50	8	5	15	0	28	14	38	1	0	53	137
Total	5	1	0	0	6	0	44	6	0	50	8	5	15	0	28	14	38	1	0	53	137
08:00 AM	6	1	0	0	7	0	23	5	0	28	7	0	7	3	17	14	57	1	3	75	127
08:15 AM	6	5	0	1	12	0	18	9	0	27	6	0	13	3	22	23	38	0	0	61	122
08:30 AM	6	3	2	2	13	0	26	4	0	30	7	2	8	0	17	15	26	0	1	42	102
08:45 AM	2	0	0	0	2	0	27	13	1	41	11	0	13	1	25	24	42	2	1	69	137
Total	20	9	2	3	34	0	94	31	1	126	31	2	41	7	81	76	163	3	5	247	488
09:00 AM	1	1	0	0	2	1	31	7	0	39	5	1	10	2	18	12	40	1	0	53	112
09:15 AM	3	2	0	0	5	0	20	5	2	27	8	2	3	1	14	16	27	1	1	45	91
09:30 AM	3	0	0	0	3	1	22	6	0	29	7	3	9	3	22	7	21	2	0	30	84
*** BREAK ***																					
Total	7	3	0	0	10	2	73	18	2	95	20	6	22	6	54	35	88	4	1	128	287
*** BREAK ***																					
04:15 PM	6	1	2	0	9	1	33	8	0	42	10	3	12	2	27	6	33	4	0	43	121
04:30 PM	3	2	0	0	5	1	36	7	0	44	8	1	20	2	31	7	21	1	1	30	110
04:45 PM	2	3	0	0	5	0	37	3	0	40	9	1	28	1	39	11	28	4	0	43	127
Total	11	6	2	0	19	2	106	18	0	126	27	5	60	5	97	24	82	9	1	116	358
05:00 PM	4	0	1	0	5	1	47	1	0	49	11	3	23	1	38	12	35	2	0	49	141
05:15 PM	1	3	1	0	5	0	45	3	0	48	10	2	16	0	28	14	36	0	1	51	132
05:30 PM	2	2	2	0	6	1	40	5	1	47	5	5	8	2	20	12	44	3	1	60	133
05:45 PM	5	0	0	0	5	2	26	5	0	33	12	2	11	1	26	8	43	0	0	51	115
Total	12	5	4	0	21	4	158	14	1	177	38	12	58	4	112	46	158	5	2	211	521
06:00 PM	3	0	2	1	6	2	20	5	0	27	4	1	11	3	19	12	38	3	1	54	106
Grand Total	58	24	10	4	96	10	495	92	4	601	128	31	207	25	391	207	567	25	10	809	1897
Apprch %	60.4	25	10.4	4.2		1.7	82.4	15.3	0.7		32.7	7.9	52.9	6.4		25.6	70.1	3.1	1.2		
Total %	3.1	1.3	0.5	0.2	5.1	0.5	26.1	4.8	0.2	31.7	6.7	1.6	10.9	1.3	20.6	10.9	29.9	1.3	0.5	42.6	

P&B CNL: Pedestrians and Bicyclists Crossing North Leg

P&B CEL: Pedestrians and Bicyclists Crossing East Leg

P&B CSL: Pedestrians and Bicyclists Crossing South Leg

P&B CWL: Pedestrians and Bicyclists Crossing West Leg

CH Perez and Associates Consulting Engineers Inc.

9594 NW 41st Street, Suite 201, Miami, Florida 33178

Turning Movement Count
NE 3 Street at W Dixie Highway (SB) and NE 1 Avenue (NB)

File Name : NE 3 St at Dixie Hwy and NE 1 Ave
Site Code : 00300102
Start Date : 9/11/2014
Page No : 2

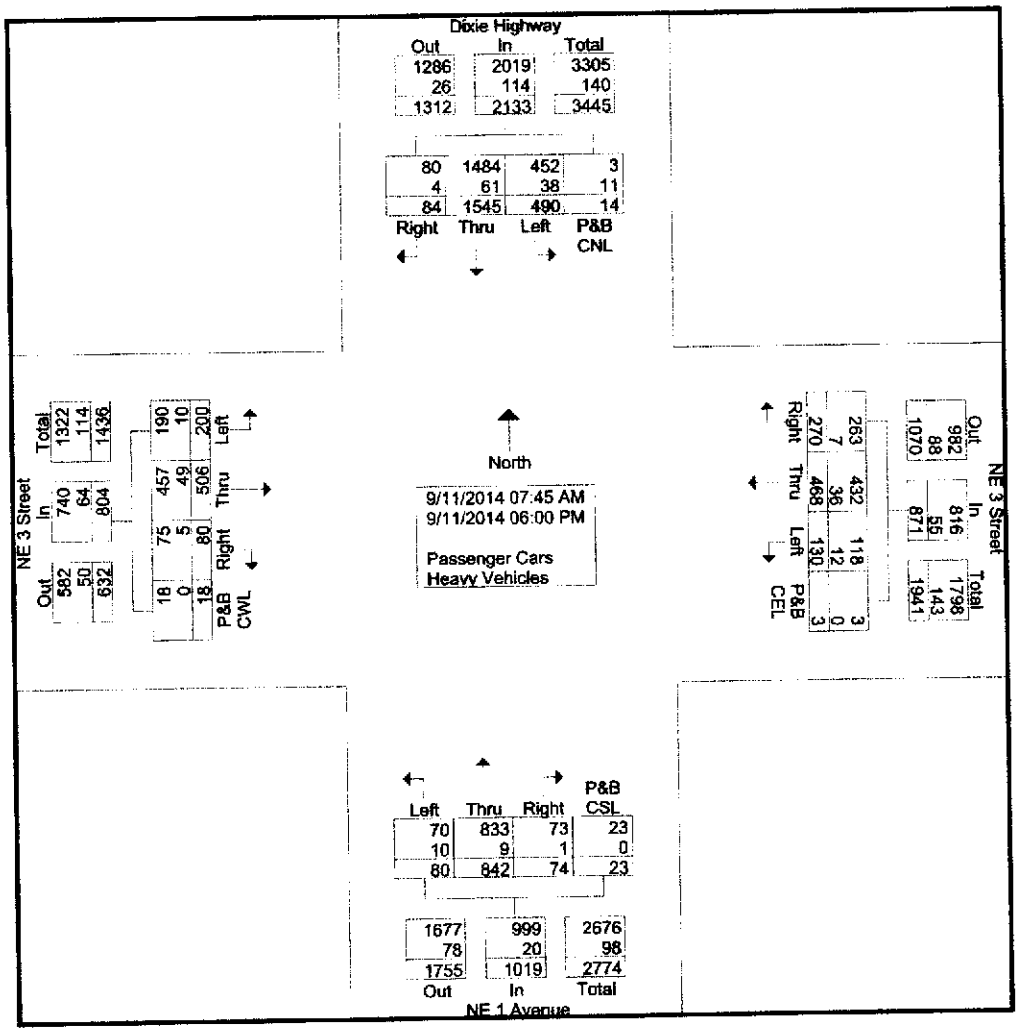


Table T-4
Two-Way Peak Hour / Peak Directional Analysis (2007)

North / South Roadways	Segment	Peak Hour Direction	Peak Hr Volume	# Lanes	LOS D Cap	Peak Hr V/C	LOS Peak Hr	Signal Per Mile
I-95 (SIS Road)	N of Dade CL	SB	19,720	10LD	19,310 LOS E	1.02	F	0
(SIS Road)	N of HBB	SB	20,460	10LD	19,310 LOS E	1.06	F	0
Dixie Highway	N of Dade CL	SB	575	4L	2,484	0.23	C+	3
(One Way SB)	S of HBB	SB	440	4L	2,484	0.18	C+	3
	N of HBB	SB	560	4L	2,484	0.22	C+	3
NE/SE 1 Ave.	N of Dade CL	NB	539	2L	1,692	0.32	C+	3
(One Way NB)	N of HBB	NB	551	2L	1,692	0.33	C+	3
Federal Highway	N of Dade CL	NB	4,860	6LD	4,680	1.04	E	2
	S of Pemb. Road	NB	3,290	6LD	3,100	1.06	E	5
S. Ocean Drive	N of Dade CL	NB	2,520	6LD	4,680	0.54	C+	4
	S of HBB	NB	2,790	6LD	4,680	0.60	C+	4
SW 8 Avenue	S of HBB	N/A	937	2L	950	0.99	E	1
NW 8 Avenue	N of HBB	N/A	754	2L	950	0.79	C	2
NE 14 Avenue	N of HBB	SB	900	2L	950	0.95	D	2
Three Islands Blvd.	N of HBB	SB	1,309	6LD	4,352	.30	C+	3
Diplomat Pkwy.	N of HBB	NB	366	2L	950	0.38	C+	1
East / West								
Pembroke Rd	E of I-95	EB	3,420	4LU	3,110	1.10	E	5
	W of US 1	EB	2,210	4LU	3,110	0.71	C+	2
Hallandale Bch. Blvd.	E of I-95	EB	6,040	6LD	4,680	1.29	F	6
	W of US 1	EB	3,650	6LD	4,680	0.78	C	5
	E of US 1	WB	3,560	6LD	4,420	0.80	C	8
	E of Diplomat Parkway	WB	2,790	6LD	4,420	0.63	C+	6
NE 9 Street / Atlantic Shores	E of US 1	WB	840	2L	950	0.88	D	4
NW/NE 3 Street	W of US 1	WB	441	2L	950	0.46	C+	3
	E of Dixie Highway	WB	549	2L	950	0.58	C+	3

Note: This Table indicates the Two-Way Peak Hour traffic counts recorded or calculated from the Average Annual Daily Traffic (AADT) counts reported by Broward County. Typically Broward County takes 2 traffic counts per year (summer / winter) and the AADT is the average of the counts. The Two-Way Peak Hour traffic count data is calculated on the AADT traffic (not Peak Season).

Table T – 1
FUNCTIONAL CLASSIFICATION OF ROADWAYS

North South Roadways	Segment	TIP Design Code	Functional Classification	Required Width	# of Lanes
I-95 (SIS)	I-95	1021	XWay	325'	10LD*
Dixie Highway	N of Dade CL	420	UCOLL	54'	4L
	N of Hall. Bch Blvd.	420	UCOLL	54'	4L
SE 1st Ave	N of Dade CL	221	UCOLL	N/A	2L
NE 1st Ave	N of Hall. Bch. Blvd.	221	UCOLL	N/A	2L
Federal Highway	N of Dade CL	623	UPA	120'	6LD
	N of Hall. Bch. Blvd.	433	UPA	106'	4LD
SE Federal Highway	Dade CL to US1	211	CC	N/A	2L
S. Ocean Drive	N of Dade CL	620	UPA	106'	6LD
SW 8th Avenue	N of Dade CL	211	CC	N/A	2L
NW 8th Avenue	N of Hall. Bch Blvd.	211	CC	N/A	2L
NE 14th Avenue	N of Hall. Bch Blvd.	211	CC	N/A	2L
Three Islands Blvd.	N of Hall. Bch Blvd.	621	CC	80'	6LD
Diplomat Pkwy.	N of Hall. Bch Blvd.	211	CC	N/A	2L
East/West Roadways					
Pembroke Road	E of I-95	430	UPA	100'	4LU
	E of Dixie Highway	410	UPA	100'	4LU
Foster Road	Pembroke Rd to Dixie Hwy	264	CC	50'	2L
Hallandale Bch. Blvd.	E of 1-95	623	UPA	120'	6LD
	E of Dixie Hgwy	613	UPA	120'	6LD
	E of US1	633	UPA	120'	6LD
	E of Diplmt. Pkwy	433	UPA	120'	6LD
NE 9TH Street / Atlantic Shores Blvd	E of US1	231	CC	80'	2L
NW / NE 3RD Street	NW 6th Ave to US 1	221	CC	N/A	2L
SE 3rd Street	SE 1 Ave. to US 1	274	CC	60'	2L
SE 5th Street	SE 1 Ave. to US 1	274	CC	60'	2L
SE 7th Street	SE 1 Ave. to US 1	274	CC	60'	2L
SE 9th Street	SE 1 Ave. to US 1	274	CC	60'	2L

Legend: SIS = Strategic Intermodal System
XWay = Expressway
UPA = Urban Principal Arterial
UMA = Urban Minor Arterial
UCOLL = Urban Collector
CC = City Collector
LR = Local Road
LD / LU = Lanes Divided / Lanes Undivided

Note: Required Right of Way (ROW) width per BC Trafficways Plan
* I-95 has 8 Through Lanes and 2 HOV Lanes.

Source: Broward County Roadway Capacity & Level of Service Analysis for 2005 / 2030 published 9/2006
Broward County Transportation Element - 2007
Michael Miller Planning Associates, Inc. – June 2008

APPENDIX B: East / West Roadways Capacity and Level of Service Analysis 2013 & 2035

			2013					2013				2035				
			Design	Daily Conditions				Peak Hour Conditions					Daily Conditions			
ID	E/W Roadway	Segment	Code	AADT	Capacity	V/C	LOS	Volume	Capacity	V/C	LOS	Code	Volume	Capacity	V/C	LOS
1118	**Honey Hill Rd**	E of SW 148 Ave	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	474	17131	35820	0.48	C
1120	Honey Hill Rd	E of Flamingo Rd	264	10500	13320	0.79	D	998	1197	0.83	D	264	15839	13320	1.19	F
2	**Bass Crk Rd**	E of SW 184 Ave	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	464	1803	29160	0.06	C
1152	Bass Crk Rd	E of SW 172 Ave	264	7200	13320	0.54	D	684	1197	0.57	D	464	3234	29160	0.11	C
4	Bass Crk Rd	E of Dykes Rd	264	5700	13320	0.43	C	542	1197	0.45	C	464	10696	29160	0.37	C
6	**County Line Rd**	E of University Dr	422	25700	37810 r	0.68	C	2442	3401 r	0.72	C	422	25762	37810 r	0.68	C
8	County Line Rd	E of FTPK	422	32000	37810 r	0.85	C	3040	3401 r	0.89	C	422	23326	37810 r	0.62	C
10	County Line Rd	E of SR 7	264	16000	13320	1.20	F	1520	1197	1.27	F	264	15966	13320	1.20	F
1046	County Line Rd	E of SW 48 Ave	464	7600	29160	0.26	C	722	2628	0.27	C	464	13793	29160	0.47	D
12	County Line Rd	E of SW 40 Ave	264	7600	13320	0.57	D	722	1197	0.60	D	264	10019	13320	0.75	D
1124	**SW 11 St**	E of I-95	264	800	13320	0.06	C	76	1197	0.06	C	264	3331	13320	0.25	C
14	**Miramar Pkwy**	E of SW 196 Ave	474	3400	35820	0.09	C	323	3222	0.10	C	474	7006	35820	0.20	C
18	Miramar Pkwy	E of SW 184 Ave	422	18000	37810 r	0.48	C	1710	3401 r	0.50	C	422	36737	37810 r	0.97	D
20	Miramar Pkwy	E of SW 172 Ave	622	44000	56905 r	0.77	C	4180	5121 r	0.82	C	622	44652	56905 r	0.78	C
22	Miramar Pkwy	E of SW 160 Ave	622	65000	56905 r	1.14	F	6175	5121 r	1.21	F	622	41440	56905 r	0.73	C
24	Miramar Pkwy	E of I-75	622	83500	59900	1.39	F	7933	5390	1.47	F	622	55918	59900	0.93	C
26	Miramar Pkwy	E of SW 148 Ave	622	50500	59900	0.84	C	4798	5390	0.89	C	622	51948	59900	0.87	C
28	Miramar Pkwy	E of SW 136 Ave	622	50500	59900	0.84	C	4798	5390	0.89	C	622	50947	59900	0.85	C
30	Miramar Pkwy	E of Flamingo Rd	622	32000	59900	0.53	C	3040	5390	0.56	C	622	56660	59900	0.95	C
32	Miramar Pkwy	E of Red Rd	622	36000	59900	0.60	C	3420	5390	0.63	C	622	48488	59900	0.81	C
34	Miramar Pkwy	E of Palm Ave	422	37500	39800	0.94	C	3563	3580	0.99	D	422	37880	39800	0.95	C
36	Miramar Pkwy	E of Douglas Rd	422	34500	39800	0.87	C	3278	3580	0.92	C	422	43278	39800	1.09	F
38	Miramar Pkwy	E of University Dr	422	29000	39800	0.73	C	2755	3580	0.77	C	422	43416	39800	1.09	F
40	**Hndle Bch Blvd**	E of SR 7	422	25000	39800	0.63	C	2375	3580	0.66	C	422	49929	39800	1.25	F
42	Hndle Bch Blvd	E of I-95	622	66053	59900	1.10	F	6275	5390	1.16	F	622	74948	59900	1.25	F
44	Hndle Bch Blvd	E of US 1	622	39500	59900	0.66	C	3753	5390	0.70	C	622	48788	49300	0.99	D
46	Hndle Bch Blvd	E of Diplomat Pkwy	622	35000	59900	0.58	C	3325	5390	0.62	C	622	38146	59900	0.64	C
1000	**Monarch Lakes Blvd**	N of Miramar Pkwy	464	5300	29160	0.18	C	504	2628	0.19	C	464	17766	29160	0.61	D
1002	**Miramar Blvd**	E of Flamingo Rd	264	5400	13320	0.41	C	513	1197	0.43	C	264	5482	13320	0.41	C
1004	Miramar Blvd	E of Red Rd	264	5400	13320	0.41	C	513	1197	0.43	C	264	4276	13320	0.32	C
1006	Miramar Blvd	E of Hiatus Rd	264	6000	13320	0.45	C	570	1197	0.48	C	464	16385	29160	0.56	D
50	Miramar Blvd	E of Palm Ave	464	33000	29160	1.13	F	3135	2628	1.19	F	464	22869	29160	0.78	D
52	Miramar Blvd	E of Douglas Rd	264	9000	13320	0.68	D	855	1197	0.71	D	264	11212	13320	0.84	D
56	**Pembroke Rd**	E of US 27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
58	Pembroke Rd	E of SW 196 Ave	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
60	Pembroke Rd	E of SW 184 Ave	264	7800	13320	0.59	D	741	1197	0.62	D	422	20444	37810 r	0.54	C
966	Pembroke Rd	E of SW 172 Ave	264	8800	13320	0.66	D	836	1197	0.70	D	422	27370	37810 r	0.72	C
1154	Pembroke Rd	E of SW 160 Ave	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	422	34625	37810 r	0.92	C
968	Pembroke Rd	E of SW 145 Ave	422	25500	37810 r	0.67	C	2423	3401 r	0.71	C	422	43149	37810 r	1.14	F
62	Pembroke Rd	E of SW 136 Ave	422	25500	37810 r	0.67	C	2423	3401 r	0.71	C	422	43932	37810 r	1.16	F
64	Pembroke Rd	E of Flamingo Rd	422	26500	39800	0.67	C	2518	3580	0.70	C	422	39550	39800	0.99	D
66	Pembroke Rd	E of Hiatus Rd	422	32500	39800	0.82	C	3088	3580	0.86	C	422	31208	39800	0.78	C
68	Pembroke Rd	E of Palm Ave	422	28500	39800	0.72	C	2708	3580	0.76	C	422	33142	39800	0.83	C
70	Pembroke Rd	E of Douglas Rd	422	33000	39800	0.83	C	3135	3580	0.88	C	622	54407	59900	0.91	C
72	Pembroke Rd	E of University Dr	622	40000	59900	0.67	C	3800	5390	0.70	C	622	51290	59900	0.86	C
74	Pembroke Rd	E of SW 68 Ave	422	43500	39800	1.09	F	4133	3580	1.15	F	622	49235	59900	0.82	C
1050	Pembroke Rd	E of SW 62 Ave	622	41500	59900	0.69	C	3943	5390	0.73	C	622	51220	59900	0.86	C
76	Pembroke Rd	E of SR 7	622	40500	59900	0.68	C	3848	5390	0.71	C	622	55694	59900	0.93	C
78	Pembroke Rd	E of I-95	432	37000	32400	1.14	F	3515	2920	1.20	F	432	49205	32400	1.52	F
80	**NE 9 St**	E of US 1	264	9300	13320	0.70	D	884	1197	0.74	D	264	9957	13320	0.75	D

745	SW 8 Ave	N of Dade C L	264	8400	13320	0.63	D	798	1197	0.67	D	264	10154	13320	0.76	D
747	NW 8 Ave	N of Hndle Bch Blvd	264	6900	13320	0.52	D	656	1197	0.55	D	264	11425	13320	0.86	D
749	S 26 Ave	N of Pembroke Rd	264	2100	13320	0.16	C	200	1197	0.17	C	264	4820	13320	0.36	C
751	N 26 Ave	N of Hollywood Blvd	264	8200	13320	0.62	D	779	1197	0.65	D	264	11627	13320	0.87	D
1097	SW 2 Ave	N of I-595	464	5100	29160	0.17	C	485	2628	0.18	C	464	7042	29160	0.24	C
753	Andrews Ave	N of Eller Dr	464	10300	29160	0.35	C	979	2628	0.37	C	464	13740	29160	0.47	D
755	[illegible]	N of SR 84	464	19000	29160	0.65	D	1805	2628	0.69	D	464	27850	29160	0.96	D
757	[illegible]	N of SE 17 St	464	18500	29160	0.63	D	1758	2628	0.67	D	464	24233	29160	0.83	D
759	[illegible]	N of Davie Blvd	464	17500	29160	0.60	D	1663	2628	0.63	D	464	27684	29160	0.95	D
761	[illegible]	N of SW 7 St-CBD	464	20500	29160	0.70	D	1948	2628	0.74	D	464	28466	29160	0.98	D
763	[illegible]	N of Broward Blvd-CBD	464	20500	29160	0.70	D	1948	2628	0.74	D	464	22978	29160	0.79	D
765	[illegible]	N of NE 6 St	464	18300	29160	0.63	D	1739	2628	0.66	D	464	21848	29160	0.75	D
767	[illegible]	N of Sunrise Blvd	464	19700	29160	0.68	D	1872	2628	0.71	D	464	37579	29160	1.29	F
769	[illegible]	N of Oakland Pk Blvd	464	21500	29160	0.74	D	2043	2628	0.78	D	464	35617	29160	1.22	F
771	[illegible]	N of Prospect Rd	464	18000	29160	0.62	D	1710	2628	0.65	D	464	25236	29160	0.87	D
773	[illegible]	N of Commercial Blvd	464	13000	29160	0.45	C	1235	2628	0.47	D	464	19044	29160	0.65	D
775	[illegible]	N of Cypress Crk Rd	622	17500	56905 r	0.31	C	1663	5121 r	0.32	C	622	30607	56905 r	0.54	C
777	[illegible]	N of McNab Rd	422	17000	37810 r	0.45	C	1615	3401 r	0.47	C	422	34625	37810 r	0.92	C
779	[illegible]	N of Pompano Pk Pl	222	10000	16815 r	0.59	C	950	1520 r	0.62	C	422	43449	37810 r	1.15	F
781	[illegible]	N of Atlantic Blvd	422	8300	37810 r	0.22	C	789	3401 r	0.23	C	422	34093	37810 r	0.90	C
1015	[illegible]	N of NW 15 St	264	8300	13320	0.62	D	789	1197	0.66	D	422	28144	37810 r	0.74	C
783	Military Trail	N of Copans Rd	422	16500	37810 r	0.44	C	1568	3401 r	0.46	C	422	23150	37810 r	0.61	C
785	[illegible]	N of Sample Rd	422	18500	37810 r	0.49	C	1758	3401 r	0.52	C	422	27072	37810 r	0.72	C
787	[illegible]	N of Green Rd	422	19400	37810 r	0.51	C	1843	3401 r	0.54	C	422	34238	37810 r	0.91	C
789	[illegible]	N of SW 15 St	422	19400	37810 r	0.51	C	1843	3401 r	0.54	C	422	33228	37810 r	0.88	C
791	[illegible]	N of SW 10 St	422	19000	37810 r	0.50	C	1805	3401 r	0.53	C	422	23190	37810 r	0.61	C
793	[illegible]	N of Hillsboro Blvd	422	22500	37810 r	0.60	C	2138	3401 r	0.63	C	422	27957	37810 r	0.74	C
1099	N Dixie Hwy	N of NE 13 St	264	5300	13320	0.40	C	504	1197	0.42	C	264	7715	13320	0.58	D
1147	[illegible]	N of NE 16 St	264	5400	13320	0.41	C	513	1197	0.43	C	264	8170	13320	0.61	D
795	NE 6 Ave	N of Dixie Hwy	264	8300	13320	0.62	D	789	1197	0.66	D	264	11940	13320	0.90	D
797	[illegible]	N of Prospect Rd	264	7300	13320	0.55	D	694	1197	0.58	D	264	12015	13320	0.90	D
799	[illegible]	N of Commercial Blvd	464	11000	29160	0.38	C	1045	2628	0.40	C	464	13957	29160	0.48	D
801	[illegible]	N of NE 56 St	264	3600	13320	0.27	C	342	1197	0.28	C	264	5682	13320	0.43	C
1101	NW 6 Ave	N of Atlantic Blvd	264	8000	13320	0.60	D	760	1197	0.63	D	264	10272	13320	0.77	D
803	NE 3 Ave	N of Copans Rd	264	9500	13320	0.71	D	903	1197	0.75	D	464	29568	29160	1.01	E
805	[illegible]	N of Sample Rd	264	10500	13320	0.79	D	998	1197	0.83	D	464	25073	29160	0.86	D
807	[illegible]	N of NE 48 St	264	8400	13320	0.63	D	798	1197	0.67	D	464	19476	29160	0.67	D
1057	[illegible]	N of NE 54 St / SW 15 St	264	8400	13320	0.63	D	798	1197	0.67	D	464	18600	29160	0.64	D
809	Natura Blvd	N of SE 10 St	464	7200	29160	0.25	C	684	2628	0.26	C	464	11240	29160	0.39	C
811	Dixie Hwy/ 21 Ave	N of Dade C L	463	8400	34992	0.24	C	798	3154	0.25	C	463	14012	34992	0.40	C
813	[illegible]	N of Hndle Bch Blvd	463	9700	34992	0.28	C	922	3154	0.29	C	463	16576	34992	0.47	D
815	[illegible]	N of Pembroke Rd	463	10900	34992	0.31	C	1036	3154	0.33	C	463	18329	34992	0.52	D
817	[illegible]	N of Hollywood Blvd	463	10100	34992	0.29	C	960	3154	0.30	C	463	15753	34992	0.45	D
819	[illegible]	N of Sheridan St	464	5000	29160	0.17	C	475	2628	0.18	C	464	6883	29160	0.24	C
1049	[illegible]	N of Phippen Rd	264	3200	13320	0.24	C	304	1197	0.25	C	264	4986	13320	0.37	C
821	SE 3 Ave	N of SE 17 St	432	7100	32400	0.22	C	675	2920	0.23	C	432	15877	32400	0.49	D
823	[illegible]	N of Davie Blvd	432	12000	32400	0.37	C	1140	2920	0.39	C	432	22048	32400	0.68	D
825	[illegible]	N of SE 7 St-CBD	432	21000	32400	0.65	D	1995	2920	0.68	D	432	29020	32400	0.90	D
827	NE 3 Ave	N of Broward Blvd-CBD	432	21000	32400	0.65	D	1995	2920	0.68	D	432	23194	32400	0.72	D
829	[illegible]	N of NE 6 St	432	11900	32400	0.37	C	1131	2920	0.39	C	432	25110	32400	0.77	D
831	NE 4 Ave/Wilton Dr	N of Sunrise Blvd	432	17900	32400	0.55	D	1701	2920	0.58	D	432	28216	32400	0.87	D
833	Dixie Hwy	N of Oakland Pk Blvd	432	21500	32400	0.66	D	2043	2920	0.70	D	432	28500	32400	0.88	D
835	[illegible]	N of NE 38 St	422	23500	39800	0.59	C	2233	3580	0.62	C	422	32998	39800	0.83	C
837	[illegible]	N of Commercial Blvd	422	19300	39800	0.48	C	1834	3580	0.51	C	422	25751	39800	0.65	C
839	[illegible]	N of McNab Rd	633	20800	60000	0.35	B	1976	5400	0.37	B	633	29555	60000	0.49	C
841	[illegible]	N of Pompano Park Pl	432	24000	32400	0.74	D	2280	2920	0.78	D	432	29049	32400	0.90	D
843	[illegible]	N of Atlantic Blvd	432	24000	32400	0.74	D	2280	2920	0.78	D	432	30723	32400	0.95	D
845	[illegible]	N of NW 15 St	422	24000	39800	0.60	C	2280	3580	0.64	C	422	33485	39800	0.84	C
847	[illegible]	N of Copans Rd	422	19900	39800	0.50	C	1891	3580	0.53	C	422	26116	39800	0.66	C

849	[illegible]	N of Sample Rd	422	22000	39800	0.55	C	2090	3580	0.58	C	422	18075	39800	0.45	C
851	[illegible]	N of NE 48 St	422	17800	39800	0.45	C	1691	3580	0.47	C	422	25804	39800	0.65	C
853	[illegible]	N of SW 10 St	422	11100	39800	0.28	C	1055	3580	0.29	C	422	14146	39800	0.36	C
855	[illegible]	N of Hillsboro Blvd	422	15000	37810 r	0.40	C	1425	3401 r	0.42	C	422	35754	37810 r	0.95	C
857	**NE 15 Ave**	N of Las Olas Blvd	264	12500	13320	0.94	D	1188	1197	0.99	D	264	12789	13320	0.96	D
859	[illegible]	N of Broward Blvd	264	4700	13320	0.35	C	447	1197	0.37	C	264	6095	13320	0.46	C
861	[illegible]	N of NE 6 St	264	9900	13320	0.74	D	941	1197	0.79	D	264	11465	13320	0.86	D
863	[illegible]	N of Sunrise Blvd	464	13000	29160	0.45	C	1235	2628	0.47	D	464	24214	29160	0.83	D
865	[illegible]	N of NE 13 St	464	12200	29160	0.42	C	1159	2628	0.44	C	464	15937	29160	0.55	D
1045	[illegible]	N of NE 18 St	264	12200	13320	0.92	D	1159	1197	0.97	D	264	13899	13320	1.04	E
1105	**NE 16 Ave**	N of Oakland Pk Blvd	264	4300	13320	0.32	C	409	1197	0.34	C	264	6188	13320	0.46	C
867	**Cypress Rd /18 Av**	N of Floranada Rd	264	13500	13320	1.01	E	1283	1197	1.07	F	264	17137	13320	1.29	F
869	[illegible]	N of Commercial Blvd	464	13500	29160	0.46	D	1283	2628	0.49	D	464	23502	29160	0.81	D
871	[illegible]	N of NE 62 St	464	17000	29160	0.58	D	1615	2628	0.61	D	464	30377	29160	1.04	E
873	**NE 5 Ave / 1 St / 2 Ave**	N of Atlantic Blvd	264	3300	13320	0.25	C	314	1197	0.26	C	264	5779	13320	0.43	C
875	**NE 11 Ave**	N of Atlantic Blvd	264	4700	13320	0.35	C	447	1197	0.37	C	264	6197	13320	0.47	C
1107	**SW 3 Ave (Deerfield Bc**	N of SW 10 St	464	5800	29160	0.20	C	551	2628	0.21	C	464	10108	29160	0.35	C
1167	**SE 2 Ave (Deerfield Bc**	N of SE 10 St	264	5100	13320	0.38	C	485	1197	0.40	C	264	9382	13320	0.70	D
877	US 1	N of Dade C L	632	51000	50000	1.02	F	4845	4500	1.08	F	632	74665	50000	1.49	F
879	[illegible]	N of Hndle Bch Blvd	432	34000	32400	1.05	F	3230	2920	1.11	F	432	46422	32400	1.43	F
881	[illegible]	N of Pembroke Rd	432	27583	32400	0.85	D	2620	2920	0.90	D	432	41065	32400	1.27	F
883	[illegible]	N of Hollywood Blvd	432	27500	32400	0.85	D	2613	2920	0.89	D	432	41981	32400	1.30	F
885	[illegible]	N of Sheridan St	432	28000	32400	0.86	D	2660	2920	0.91	D	432	47361	32400	1.46	F
887	[illegible]	N of Stirling Rd	432	37500	32400	1.16	F	3563	2920	1.22	F	432	46288	32400	1.43	F
889	[illegible]	N of Griffin Rd	622	53500	59900	0.89	C	5083	5390	0.94	C	622	61045	59900	1.02	F
891	[illegible]	N of I-595	622	64000	59900	1.07	F	6080	5390	1.13	F	622	72246	59900	1.21	F
893	[illegible]	N of SR 84	622	60000	59900	1.00	F	5700	5390	1.06	F	622	66344	59900	1.11	F
895	[illegible]	N of Davie Blvd	622	47000	59900	0.78	C	4465	5390	0.83	C	622	58886	59900	0.98	D
897	[illegible]	N of SE 7 St-CBD	632	45000	50000	0.90	D	4275	4500	0.95	D	632	60033	50000	1.20	F
899	[illegible]	N of Broward Blvd-CBD	632	40600	50000	0.81	D	3857	4500	0.86	D	632	48345	50000	0.97	D
901	[illegible]	N of NE 6 St	632	40000	50000	0.80	D	3800	4500	0.84	D	632	44109	50000	0.88	D
903	[illegible]	E of Searstown (see 536	632	56000	50000	1.12	F	5320	4500	1.18	F	632	65574	50000	1.31	F
905	[illegible]	N of Gateway	622	42500	59900	0.71	C	4038	5390	0.75	C	622	56238	59900	0.94	C
907	[illegible]	N of Oakland Pk Blvd	622	49500	59900	0.83	C	4703	5390	0.87	C	622	55826	59900	0.93	C
909	[illegible]	N of Commercial Blvd	622	44500	59900	0.74	C	4228	5390	0.78	C	622	47710	59900	0.80	C
911	[illegible]	N of NE 62 St	622	43000	59900	0.72	C	4085	5390	0.76	C	622	55350	59900	0.92	C
913	[illegible]	N of McNab Rd	622	40000	59900	0.67	C	3800	5390	0.70	C	622	56433	59900	0.94	C
915	[illegible]	N of Atlantic Blvd	622	37500	59900	0.63	C	3563	5390	0.66	C	622	47432	59900	0.79	C
917	[illegible]	N of NE 10 St	622	44000	59900	0.73	C	4180	5390	0.78	C	622	55850	59900	0.93	C
919	[illegible]	N of Copans Rd	622	50500	59900	0.84	C	4798	5390	0.89	C	622	43846	59900	0.73	C
921	[illegible]	N of Sample Rd	622	43500	59900	0.73	C	4133	5390	0.77	C	622	46572	59900	0.78	C
923	[illegible]	N of SW 10 St	622	34500	59900	0.58	C	3278	5390	0.61	C	622	52207	59900	0.87	C
925	[illegible]	N of Hillsboro Blvd	622	26500	59900	0.44	C	2518	5390	0.47	C	622	29725	59900	0.50	C
927	**Miami Rd**	N of Eller Dr	464	3000 e	29160	0.10	C	285	2628	0.11	C	464	3345	29160	0.11	C
929	[illegible]	N of SR 84	264	4000	13320	0.30	C	380	1197	0.32	C	264	4902	13320	0.37	C
1111	[illegible]	N of SE 17 St	264	1700	13320	0.13	C	162	1197	0.13	C	264	1751	13320	0.13	C
933	**Victoria Pk Rd**	N of Broward Blvd	264	5700	13320	0.43	C	542	1197	0.45	C	264	6666	13320	0.50	C
935	**NE 20 Ave/7 St**	E of Victoria Pk Rd	264	5400	13320	0.41	C	513	1197	0.43	C	264	7489	13320	0.56	C
937	**NE/S 14 Ave**	N of Hndle Bch Blvd	264	8400	13320	0.63	D	798	1197	0.67	D	264	8226	13320	0.62	C
939	**N 14 Ave**	N of Hollywood Blvd	264	600	13320	0.04	C	57	1197	0.05	C	264	3609	13320	0.27	C
1113	**SE 5 Ave**	N of Sheridan St	264	10000	13320	0.75	D	950	1197	0.79	D	264	14316	13320	1.07	[illegible]
941	**Diplomat Pkwy**	N of Hndle Bch Blvd	264	3100	13320	0.23	C	295	1197	0.25	C	264	4194	13320	0.31	[illegible]
947	**Eisenhower Blvd**	N of Eller Dr	464	4300	29160	0.15	C	409	2628	0.16	C	464	10708	29160	0.37	[illegible]
999	[illegible]	N of Spangler Rd	464	2300	29160	0.08	C	219	2628	0.08	C	464	25030	29160	0.86	[illegible]
949	**Bayview Dr**	N of Sunrise Blvd	264	10000	13320	0.75	D	950	1197	0.79	D	264	14731	13320	1.11	[illegible]
951	[illegible]	N of Oakland Pk Blvd	264	10000	13320	0.75	D	950	1197	0.79	D	264	13490	13320	1.01	[illegible]
953	[illegible]	N of Commercial Blvd	264	8600	13320	0.65	D	817	1197	0.68	D	264	8776	13320	0.66	[illegible]
955	**NE 26 Ave / NE 10 St**	N of Atlantic Blvd	264	4700	13320	0.35	C	447	1197	0.37	C	264	4473	13320	0.34	[illegible]
957	**NE 23 Ave**	N of Copans Rd	264	5100 e	13320	0.38	C	485	1197	0.40	C	264	7684	13320	0.58	[illegible]

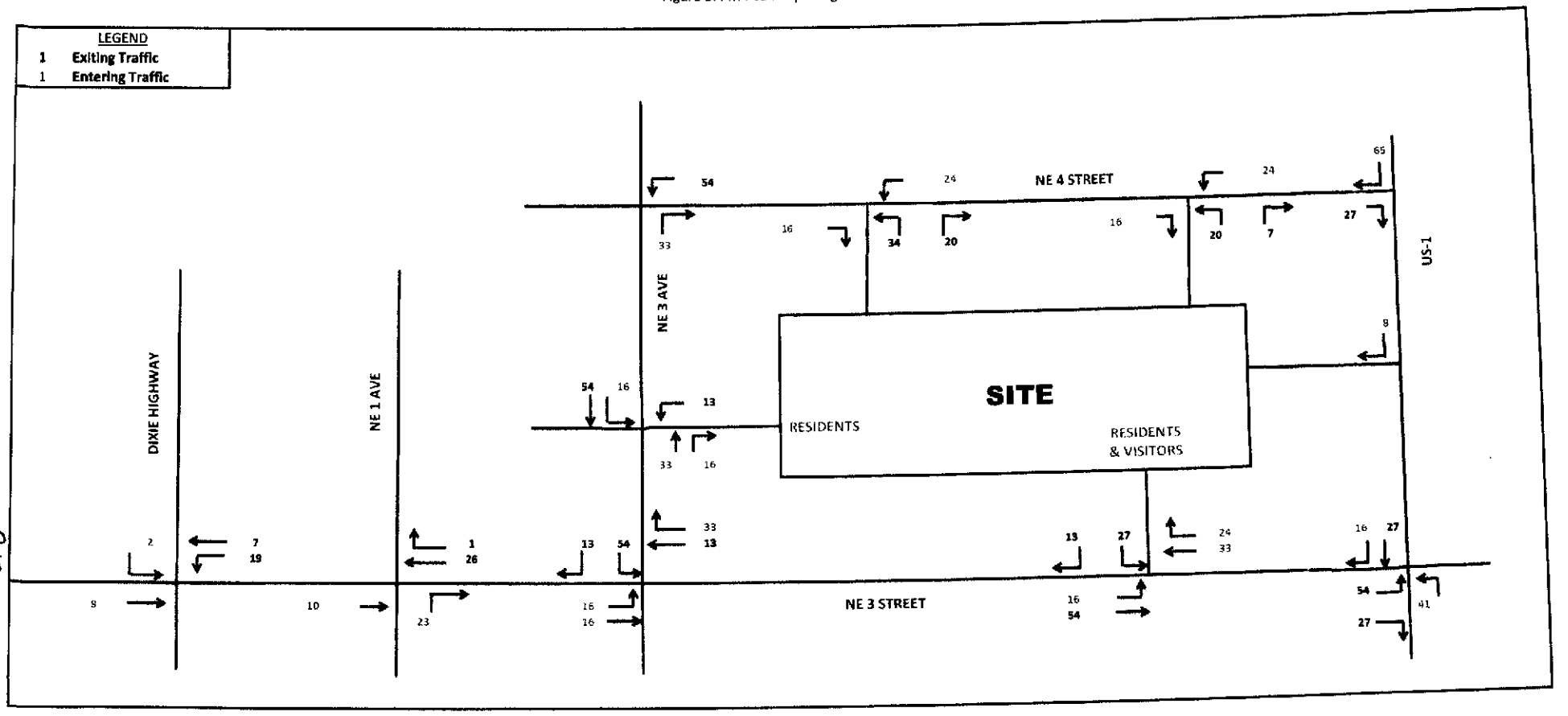



Figure 8: PM Peak Trip Assignment