

November 20, 2017

Mr. Jim Berardinelli
Trammell Crow Residential
3715 Northside Parkway
Suite 1-200
Atlanta, GA 30327

**Re: Alexan Tarpon River
501 S New River Drive E
Existing Volumes and Project Trip Assignment**

Dear Mr. Berardinelli:

It is our understanding that Trammell Crow Residential is proposing a 22-story residential development located at 501 S New River Drive E in Fort Lauderdale, Florida. The proposed development consists of 181 high-rise apartment units. A 30-unit condominium building currently occupies the site. A site plan is provided in Attachment A. The purpose of this letter is to summarize the existing data collection performed for the Rio Vista neighborhood and the trip generation, trip distribution, and trip assignment performed for the proposed redevelopment.

DATA COLLECTION

Weekday 24-hour continuous traffic counts were conducted on Tuesday, November 14, 2017 at the following locations:

- N Rio Vista Boulevard, east of SE 6th Avenue
- SE 5th Court, east of SE 6th Avenue
- SE 6th Street, east of SE 6th Avenue
- SE 6th Court, east of US 1
- SE 7th Street, east of US 1
- SE 6th Ave (NB) between SE 5th Court and N Rio Vista Boulevard
- East Ave (SB) south of N Rio Visa Boulevard

The figures in Attachment B depict the daily, A.M. peak hour, and P.M. peak hour volumes for the locations listed above. The traffic counts are also included in Attachment B.

TRIP GENERATION ANALYSIS

A trip generation analysis was conducted using the Institute of Transportation Engineers' (ITE) *Trip Generation Manual*, 9th Edition for the proposed development plan. The analysis utilized ITE Land Use Code (LUC) 230 (Residential Condominium/Townhouse) for the existing condominiums and ITE LUC 222 (High-Rise Apartment) for the proposed apartments. As Table 1 indicates, the proposed redevelopment represents an increase of 686 daily trips, 35 A.M. peak hour trips, and 48 P.M. peak hour trips. Detailed trip generation calculations are included in Attachment C.

Table 1: Net New Trip Generation Summary			
Development Plan	Daily Peak Hour Trip Generation	A.M. Peak Hour Trip Generation	P.M. Peak Hour Trip Generation
Existing	226	20	22
Proposed	912	55	70
Δ Trips	+686	+35	+48

TRIP DISTRIBUTION AND ASSIGNMENT

The likely distribution of project traffic during the weekday peak periods was forecast for the trips expected to be generated by the proposed residential development. The trip distribution and assignment were developed based on a select zone analysis performed using the Florida Standard Urban Transportation Model Structure (FSUTMS) – Southeast Regional Planning Model (SERPM). Based on the select zone analysis, 11% of project trips will be to/from the north via US 1, 24% of project trips will be to/from the south via US 1, 58% of project trips will be to/from the west via SW 6th Street, and 7% of project trips will be to/from the 15+ streets to the east of US 1 from the Tarpon River to SE 17th Street. Figures depicting the general trip distribution and peak hour trip assignment as well as the SERPM select zone distribution plot are included in Attachment D.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.


Ali N. Hanes, P.E.

Attachments

K:\FTL_TPTO\043904000-Alexan Tarpon River\Correspondence\11 20 17 - berardinelli ltr.docx

Attachment A

Attachment B



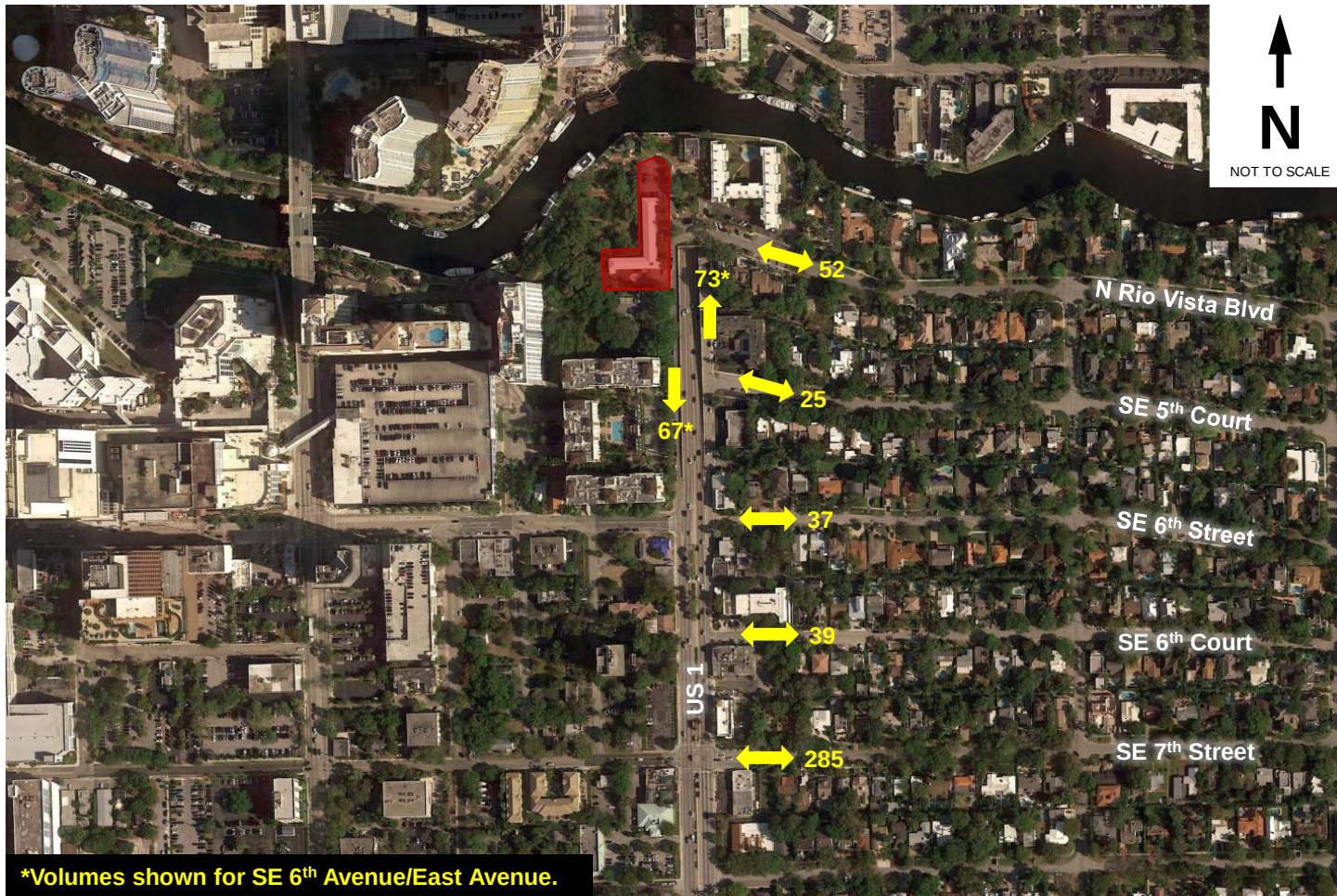
Kimley»Horn

Figure 1
Existing Daily Volumes
Alexan Tarpon River
Fort Lauderdale, FL



Kimley»Horn

Figure 2
Existing A.M. Peak Hour Volumes
Alexan Tarpon River
Fort Lauderdale, FL



Kimley»Horn

Figure 3
Existing P.M. Peak Hour Volumes
Alexan Tarpon River
Fort Lauderdale, FL

VOLUME

N Rio Vista Blvd E/O SE 6th Ave

Day: Tuesday
Date: 11/14/2017City: Fort Lauderdale
Project #: FL17_3479_001

DAILY TOTALS					NB	SB	EB					WB	Total
					0	0						298	378
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
0:00			1	1	2	12:00			7	4	11		
0:15			1	4	5	12:15			9	7	16		
0:30			0	1	1	12:30			3	9	12		
0:45			1	3	4	12:45			4	23	27		
1:00			0	0	0	13:00			3	5	8		
1:15			0	0	0	13:15			6	11	17		
1:30			1	1	2	13:30			6	9	15		
1:45			0	1	2	13:45			5	20	25		
2:00			1	1	2	14:00			6	6	12		
2:15			3	0	3	14:15			4	9	13		
2:30			0	1	1	14:30			7	5	12		
2:45			1	5	6	14:45			8	25	33		
3:00			0	0	0	15:00			5	4	9		
3:15			1	1	2	15:15			4	6	10		
3:30			0	1	1	15:30			8	7	15		
3:45			0	1	1	15:45			6	23	29		
4:00			1	1	2	16:00			13	2	15		
4:15			0	0	0	16:15			4	2	6		
4:30			0	0	0	16:30			5	3	8		
4:45			0	1	1	16:45			5	27	32		
5:00			0	0	0	17:00			7	6	13		
5:15			1	1	2	17:15			6	6	12		
5:30			0	1	1	17:30			7	7	14		
5:45			0	1	1	17:45			5	25	30		
6:00			1	2	3	18:00			4	8	12		
6:15			0	1	1	18:15			2	3	5		
6:30			1	2	3	18:30			4	4	8		
6:45			0	2	2	18:45			6	16	22		
7:00			1	4	5	19:00			2	3	5		
7:15			2	8	10	19:15			3	5	8		
7:30			2	10	12	19:30			5	4	9		
7:45			1	6	7	19:45			3	13	16		
8:00			5	8	13	20:00			5	2	7		
8:15			7	10	17	20:15			3	1	4		
8:30			5	7	12	20:30			2	1	3		
8:45			3	20	23	20:45			3	13	16		
9:00			7	5	12	21:00			2	0	2		
9:15			6	7	13	21:15			1	1	2		
9:30			6	6	12	21:30			2	2	4		
9:45			7	26	33	21:45			2	7	9		
10:00			5	9	14	22:00			1	2	3		
10:15			1	5	6	22:15			0	4	4		
10:30			6	2	8	22:30			1	4	5		
10:45			1	13	14	22:45			1	3	4		
11:00			5	2	7	23:00			2	2	4		
11:15			7	6	13	23:15			0	1	1		
11:30			5	10	15	23:30			0	2	2		
11:45			5	22	27	23:45			0	2	2		
TOTALS	101				166	267	TOTALS	197				212	409
SPLIT %	37.8%				62.2%	39.5%	SPLIT %	48.2%				51.8%	60.5%

DAILY TOTALS			NB	SB	EB			WB			Total
			0	0							298
AM Peak Hour			9:00	7:30	8:00	PM Peak Hour			15:15	13:15	13:15
AM Pk Volume			26	38	57	PM Pk Volume			31	32	55
Pk Hr Factor			0.929	0.950	0.838	Pk Hr Factor			0.596	0.727	0.809
7 - 9 Volume	0	0	26	69	95	4 - 6 Volume	0	0	52	38	90
7 - 9 Peak Hour			8:00	7:30	8:00	4 - 6 Peak Hour			16:00	17:00	17:00
7 - 9 Pk Volume	0	0	20	38	57	4 - 6 Pk Volume	0	0	27	27	52
Pk Hr Factor	0.000	0.000	0.714	0.950	0.838	Pk Hr Factor	0.000	0.000	0.519	0.844	0.929

VOLUME

SE 5th Ct E/O SE 6th Ave

Day: Tuesday
Date: 11/14/2017City: Fort Lauderdale
Project #: FL17_3479_002

DAILY TOTALS					NB	SB	EB					WB	Total
					0	0						225	90
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
0:00			0	0	0	12:00			6	1	7		
0:15			0	2	2	12:15			7	1	8		
0:30			0	0	0	12:30			3	1	4		
0:45			0	0 2	0 2	12:45			1 17	2 5	3 22		
1:00			0	0	0	13:00			6	2	8		
1:15			0	0	0	13:15			4	0	4		
1:30			0	2	2	13:30			1	1	2		
1:45			0	1 3	1 3	13:45			2 13	3 6	5 19		
2:00			0	0	0	14:00			0	0	0		
2:15			0	1	1	14:15			5	1	6		
2:30			0	0	0	14:30			2	1	3		
2:45			0	0 1	0 1	14:45			8 15	3 5	11 20		
3:00			0	0	0	15:00			3	0	3		
3:15			0	1	1	15:15			6	0	6		
3:30			0	0	0	15:30			6	0	6		
3:45			0	0 1	0 1	15:45			3 18	5 5	8 23		
4:00			0	0	0	16:00			6	2	8		
4:15			0	1	1	16:15			3	1	4		
4:30			0	0	0	16:30			3	0	3		
4:45			0	0 1	0 1	16:45			5 17	0 3	5 20		
5:00			1	0	1	17:00			2	1	3		
5:15			0	0	0	17:15			7	0	7		
5:30			0	0	0	17:30			5	0	5		
5:45			0 1	1 1	1 2	17:45			8 22	2 3	10 25		
6:00			0	1	1	18:00			6	0	6		
6:15			0	0	0	18:15			7	2	9		
6:30			0	0	0	18:30			4	0	4		
6:45			3 3	1 2	4 5	18:45			2 19	0 2	2 21		
7:00			6	0	6	19:00			6	1	7		
7:15			1	4	5	19:15			3	0	3		
7:30			3	3	6	19:30			2	0	2		
7:45			3 13	2 9	5 22	19:45			3 14	2 3	5 17		
8:00			2	2	4	20:00			2	0	2		
8:15			4	1	5	20:15			2	0	2		
8:30			2	4	6	20:30			0	0	0		
8:45			4 12	0 7	4 19	20:45			0 4	1 1	1 5		
9:00			5	0	5	21:00			3	0	3		
9:15			7	2	9	21:15			2	0	2		
9:30			3	3	6	21:30			1	2	3		
9:45			3 18	0 5	3 23	21:45			0 6	1 3	1 9		
10:00			7	1	8	22:00			0	0	0		
10:15			1	0	1	22:15			1	1	2		
10:30			4	3	7	22:30			0	1	1		
10:45			4 16	1 5	5 21	22:45			1 2	2 4	3 6		
11:00			3	3	6	23:00			0	0	0		
11:15			3	1	4	23:15			0	1	1		
11:30			4	5	9	23:30			0	0	0		
11:45			5 15	3 12	8 27	23:45			0	0 1	0 1		
TOTALS	78 49				127	TOTALS	147 41				188		
SPLIT %	61.4% 38.6%				40.3%	SPLIT %	78.2% 21.8%				59.7%		

DAILY TOTALS			NB	SB	EB			WB			Total
			0	0							225
AM Peak Hour			11:30	11:00	11:30	PM Peak Hour			17:15	15:30	17:30
AM Pk Volume			22	12	32	PM Pk Volume			26	8	30
Pk Hr Factor			0.786	0.600	0.889	Pk Hr Factor			0.813	0.400	0.750
7 - 9 Volume	0	0	25	16	41	4 - 6 Volume	0	0	39	6	45
7 - 9 Peak Hour			7:00	7:15	7:00	4 - 6 Peak Hour			17:00	16:00	17:00
7 - 9 Pk Volume	0	0	13	11	22	4 - 6 Pk Volume	0	0	22	3	25
Pk Hr Factor	0.000	0.000	0.542	0.688	0.917	Pk Hr Factor	0.000	0.000	0.688	0.375	0.625

VOLUME

SE 6th St E/O SE 6th Ave

Day: Tuesday
Date: 11/14/2017City: Fort Lauderdale
Project #: FL17_3479_003

DAILY TOTALS					NB	SB	EB					WB	Total
					0	0						265	123
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
0:00			1	0	1	12:00			7	0	7		
0:15			0	0	0	12:15			9	2	11		
0:30			0	0	0	12:30			3	3	6		
0:45			0	1	1	12:45			4	23	27		
1:00			1	1	2	13:00			1	3	4		
1:15			0	0	0	13:15			5	7	12		
1:30			0	0	0	13:30			4	0	4		
1:45			0	1	1	13:45			5	15	20		
2:00			1	1	2	14:00			2	3	5		
2:15			0	0	0	14:15			6	3	9		
2:30			0	0	0	14:30			2	1	3		
2:45			1	2	3	14:45			7	17	24		
3:00			0	0	0	15:00			7	2	9		
3:15			0	0	0	15:15			7	1	8		
3:30			0	1	1	15:30			2	2	4		
3:45			1	1	2	15:45			5	21	26		
4:00			0	0	0	16:00			6	0	6		
4:15			0	1	1	16:15			3	3	6		
4:30			2	0	2	16:30			5	1	6		
4:45			0	2	2	16:45			6	20	26		
5:00			0	1	1	17:00			8	1	9		
5:15			0	0	0	17:15			4	3	7		
5:30			0	1	1	17:30			10	1	11		
5:45			0	0	0	17:45			6	28	34		
6:00			0	0	0	18:00			11	4	15		
6:15			1	0	1	18:15			2	0	2		
6:30			1	0	1	18:30			3	0	3		
6:45			2	4	6	18:45			6	22	28		
7:00			4	0	4	19:00			7	2	9		
7:15			4	4	8	19:15			5	0	5		
7:30			2	2	4	19:30			6	0	6		
7:45			3	13	16	19:45			5	23	28		
8:00			5	0	5	20:00			2	1	3		
8:15			1	2	3	20:15			2	1	3		
8:30			1	3	4	20:30			1	0	1		
8:45			6	13	19	20:45			2	7	9		
9:00			1	1	2	21:00			0	0	0		
9:15			5	3	8	21:15			0	2	2		
9:30			5	5	10	21:30			1	1	2		
9:45			4	15	19	21:45			1	2	3		
10:00			5	2	7	22:00			1	2	3		
10:15			2	2	4	22:15			1	0	1		
10:30			2	3	5	22:30			4	0	4		
10:45			2	11	13	22:45			0	6	6		
11:00			4	5	9	23:00			0	2	2		
11:15			2	4	6	23:15			1	0	1		
11:30			4	2	6	23:30			3	2	5		
11:45			4	14	18	23:45			0	4	4		
TOTALS	77				54	TOTALS	188				69	257	
SPLIT %	58.8%				41.2%	SPLIT %	73.2%				26.8%	66.2%	

DAILY TOTALS			NB	SB	EB			WB			Total
			0	0							265
AM Peak Hour			11:30	10:30	11:30	PM Peak Hour			17:15	12:30	17:15
AM Pk Volume			24	15	30	PM Pk Volume			31	16	43
Pk Hr Factor			0.667	0.750	0.682	Pk Hr Factor			0.705	0.571	0.717
7 - 9 Volume	0	0	26	13	39	4 - 6 Volume	0	0	48	15	63
7 - 9 Peak Hour			7:15	8:00	7:15	4 - 6 Peak Hour			16:45	17:00	17:00
7 - 9 Pk Volume	0	0	14	7	20	4 - 6 Pk Volume	0	0	28	9	37
Pk Hr Factor	0.000	0.000	0.700	0.583	0.625	Pk Hr Factor	0.000	0.000	0.700	0.563	0.841

VOLUME

SE 6th Ct E/O US 1

Day: Tuesday
Date: 11/14/2017City: Fort Lauderdale
Project #: FL17_3479_004

DAILY TOTALS					NB	SB	EB					WB	Total
					0	0						171	378
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
00:00			0	0	0	12:00			5	7	12		
00:15			0	0	0	12:15			5	8	13		
00:30			0	1	1	12:30			2	8	10		
00:45			0	0	0	12:45			3	15	18		
				1	1				5	28	43		
01:00			0	1	1	13:00			1	4	5		
01:15			2	0	2	13:15			0	6	6		
01:30			1	0	1	13:30			5	6	11		
01:45			0	3	0	13:45			2	8	10		
				1	4				8	24	32		
02:00			0	1	1	14:00			3	8	11		
02:15			1	2	3	14:15			3	7	10		
02:30			1	1	2	14:30			1	10	11		
02:45			0	2	0	14:45			1	8	9		
				4	6				7	32	40		
03:00			0	0	0	15:00			6	7	13		
03:15			0	0	0	15:15			2	8	10		
03:30			0	0	0	15:30			2	5	7		
03:45			0	0	0	15:45			6	16	22		
									8	28	44		
04:00			0	0	0	16:00			2	4	6		
04:15			0	0	0	16:15			3	8	11		
04:30			1	0	1	16:30			4	3	7		
04:45			0	1	0	16:45			4	13	17		
					1				5	20	33		
05:00			0	1	1	17:00			6	6	12		
05:15			1	1	2	17:15			2	5	7		
05:30			0	1	1	17:30			1	6	7		
05:45			0	1	2	17:45			4	13	17		
				5	6				7	24	37		
06:00			0	1	1	18:00			2	3	5		
06:15			0	2	2	18:15			5	1	6		
06:30			0	2	2	18:30			1	1	2		
06:45			0	3	3	18:45			2	10	12		
				8	8				2	7	17		
07:00			2	4	6	19:00			1	2	3		
07:15			1	16	17	19:15			2	2	4		
07:30			1	24	25	19:30			1	2	3		
07:45			3	7	10	19:45			2	6	8		
				56	63				1	7	13		
08:00			3	14	17	20:00			0	1	1		
08:15			4	10	14	20:15			1	1	2		
08:30			6	14	20	20:30			1	1	2		
08:45			1	14	15	20:45			0	2	2		
				52	66				1	4	6		
09:00			3	10	13	21:00			0	1	1		
09:15			2	3	5	21:15			0	0	0		
09:30			3	12	15	21:30			0	0	0		
09:45			4	8	12	21:45			0	0	0		
				33	45				1	1	1		
10:00			4	2	6	22:00			1	1	2		
10:15			4	7	11	22:15			4	2	6		
10:30			2	3	5	22:30			2	0	2		
10:45			1	11	12	22:45			0	7	7		
				20	31				0	3	10		
11:00			6	2	8	23:00			1	0	1		
11:15			3	3	6	23:15			0	0	0		
11:30			6	7	13	23:30			0	0	0		
11:45			6	21	27	23:45			0	1	1		
				20	41				0	0	1		
TOTALS	72				200	272	TOTALS	99				178	277
SPLIT %	26.5%				73.5%	49.5%	SPLIT %	35.7%				64.3%	50.5%

DAILY TOTALS			NB	SB	EB			WB			Total
			0	0							171
AM Peak Hour			11:30	07:15	07:15	PM Peak Hour			16:15	13:45	15:00
AM Pk Volume			22	66	74	PM Pk Volume			17	33	44
Pk Hr Factor			0.917	0.688	0.740	Pk Hr Factor			0.708	0.825	0.786
7 - 9 Volume	0	0	21	108	129	4 - 6 Volume	0	0	26	44	70
7 - 9 Peak Hour			07:45	07:15	07:15	4 - 6 Peak Hour			16:15	17:00	16:15
7 - 9 Pk Volume	0	0	16	66	74	4 - 6 Pk Volume	0	0	17	24	39
Pk Hr Factor	0.000	0.000	0.667	0.688	0.740	Pk Hr Factor	0.000	0.000	0.708	0.857	0.813

VOLUME

SE 7th St E/O US 1

Day: Tuesday
Date: 11/14/2017City: Fort Lauderdale
Project #: FL17_3479_005

DAILY TOTALS					NB	SB	EB					WB	Total		
					0	0						1,473			1,222
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00			7	1	8		12:00			23	20	43			
00:15			5	0	5		12:15			20	21	41			
00:30			3	2	5		12:30			20	15	35			
00:45			2	17	2	5	12:45			21	84	18	74	39	158
01:00			2	0	2		13:00			24	29	53			
01:15			1	0	1		13:15			24	23	47			
01:30			2	1	3		13:30			15	25	40			
01:45			5	10	0	1	13:45			24	87	22	99	46	186
02:00			3	3	6		14:00			16	16	32			
02:15			3	2	5		14:15			28	23	51			
02:30			4	4	8		14:30			18	21	39			
02:45			0	10	1	10	14:45			31	93	26	86	57	179
03:00			0	0	0		15:00			40	41	81			
03:15			2	0	2		15:15			30	15	45			
03:30			1	1	2		15:30			31	25	56			
03:45			0	3	0	1	15:45			26	127	18	99	44	226
04:00			1	0	1		16:00			31	11	42			
04:15			0	1	1		16:15			26	21	47			
04:30			0	0	0		16:30			28	17	45			
04:45			2	3	1	2	16:45			33	118	14	63	47	181
05:00			3	1	4		17:00			33	34	67			
05:15			2	5	7		17:15			44	23	67			
05:30			2	2	4		17:30			39	35	74			
05:45			3	10	3	11	17:45			47	163	30	122	77	285
06:00			1	0	1		18:00			17	16	33			
06:15			2	2	4		18:15			32	18	50			
06:30			4	6	10		18:30			20	15	35			
06:45			8	15	11	19	18:45			22	91	20	69	42	160
07:00			10	15	25		19:00			16	12	28			
07:15			8	22	30		19:15			17	17	34			
07:30			14	27	41		19:30			17	5	22			
07:45			40	72	26	90	19:45			19	69	12	46	31	115
08:00			37	29	66		20:00			7	8	15			
08:15			22	27	49		20:15			11	10	21			
08:30			24	26	50		20:30			13	9	22			
08:45			19	102	12	94	20:45			12	43	5	32	17	75
09:00			25	23	48		21:00			7	6	13			
09:15			26	20	46		21:15			8	0	8			
09:30			21	24	45		21:30			12	5	17			
09:45			21	93	23	90	21:45			6	33	3	14	9	47
10:00			14	21	35		22:00			8	4	12			
10:15			21	17	38		22:15			7	2	9			
10:30			28	20	48		22:30			9	9	18			
10:45			24	87	30	88	22:45			10	34	6	21	16	55
11:00			18	22	40		23:00			7	3	10			
11:15			18	20	38		23:15			5	1	6			
11:30			26	20	46		23:30			8	3	11			
11:45			25	87	17	79	23:45			2	22	0	7	2	29
TOTALS	509					490	999	TOTALS	964					732	1696
SPLIT %	51.0%					49.0%	37.1%	SPLIT %	56.8%					43.2%	62.9%

DAILY TOTALS			NB	SB	EB			WB		Total
			0	0						1,473
AM Peak Hour			07:45	07:30	07:45	PM Peak Hour			17:00	17:00
AM Pk Volume			123	109	231	PM Pk Volume			163	122
Pk Hr Factor			0.769	0.940	0.875	Pk Hr Factor			0.867	0.871
7 - 9 Volume	0	0	174	184	358	4 - 6 Volume	0	0	281	185
7 - 9 Peak Hour			07:45	07:30	07:45	4 - 6 Peak Hour			17:00	17:00
7 - 9 Pk Volume	0	0	123	109	231	4 - 6 Pk Volume	0	0	163	122
Pk Hr Factor	0.000	0.000	0.769	0.940	0.875	Pk Hr Factor	0.000	0.000	0.867	0.871

VOLUME

SE 6th Ave Bet. SE 5th Ct & N Rio Vista Blvd

Day: Tuesday
Date: 11/14/2017City: Fort Lauderdale
Project #: FL17_3479_006

DAILY TOTALS					NB	SB					Total
					1,022	0					1,022
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	3	0			3	12:00	15	0			15
00:15	1	0			1	12:15	19	0			19
00:30	1	0			1	12:30	8	0			8
00:45	0	5	0		0	12:45	18	60	0		18
01:00	1	0			1	13:00	18	0			18
01:15	0	0			0	13:15	18	0			18
01:30	4	0			4	13:30	16	0			16
01:45	1	6	0		1	13:45	20	72	0		20
02:00	1	0			1	14:00	11	0			11
02:15	3	0			3	14:15	14	0			14
02:30	0	0			0	14:30	15	0			15
02:45	2	6	0		2	14:45	20	60	0		20
03:00	0	0			0	15:00	14	0			14
03:15	0	0			0	15:15	16	0			16
03:30	0	0			0	15:30	9	0			9
03:45	0	0			0	15:45	11	50	0		11
04:00	0	0			0	16:00	24	0			24
04:15	0	0			0	16:15	10	0			10
04:30	1	0			1	16:30	16	0			16
04:45	2	3	0		2	16:45	23	73	0		23
05:00	0	0			0	17:00	14	0			14
05:15	1	0			1	17:15	18	0			18
05:30	3	0			3	17:30	14	0			14
05:45	3	7	0		3	17:45	17	63	0		17
06:00	5	0			5	18:00	21	0			21
06:15	1	0			1	18:15	19	0			19
06:30	4	0			4	18:30	11	0			11
06:45	9	19	0		9	18:45	15	66	0		15
07:00	16	0			16	19:00	18	0			18
07:15	20	0			20	19:15	11	0			11
07:30	17	0			17	19:30	11	0			11
07:45	20	73	0		20	19:45	13	53	0		13
08:00	26	0			26	20:00	15	0			15
08:15	27	0			27	20:15	14	0			14
08:30	28	0			28	20:30	9	0			9
08:45	27	108	0		27	20:45	11	49	0		11
09:00	18	0			18	21:00	11	0			11
09:15	17	0			17	21:15	5	0			5
09:30	13	0			13	21:30	4	0			4
09:45	17	65	0		17	21:45	7	27	0		7
10:00	14	0			14	22:00	7	0			7
10:15	13	0			13	22:15	7	0			7
10:30	15	0			15	22:30	2	0			2
10:45	13	55	0		13	22:45	5	21	0		5
11:00	15	0			15	23:00	6	0			6
11:15	14	0			14	23:15	4	0			4
11:30	21	0			21	23:30	5	0			5
11:45	14	64	0		14	23:45	2	17	0		2
TOTALS	411				411	TOTALS	611				611
SPLIT %	100.0%				40.2%	SPLIT %	100.0%				59.8%

DAILY TOTALS					NB	SB					Total
					1,022	0					1,022
AM Peak Hour	08:00				08:00	PM Peak Hour	16:00				16:00
AM Pk Volume	108				108	PM Pk Volume	73				73
Pk Hr Factor	0.964				0.964	Pk Hr Factor	0.760				0.760
7 - 9 Volume	181	0	0	0	181	4 - 6 Volume	136	0	0	0	136
7 - 9 Peak Hour	08:00				08:00	4 - 6 Peak Hour	16:00				16:00
7 - 9 Pk Volume	108	0	0	0	108	4 - 6 Pk Volume	73	0	0	0	73
Pk Hr Factor	0.964	0.000	0.000	0.000	0.964	Pk Hr Factor	0.760	0.000	0.000	0.000	0.760

VOLUME

East Ave S/O N Rio Visa Blvd

Day: Tuesday
Date: 11/14/2017City: Fort Lauderdale
Project #: FL17_3479_007

DAILY TOTALS					NB	SB	EB					WB	Total
					0	1,186						0	0
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
00:00	0	3			3	12:00	0	13			13		
00:15	0	6			6	12:15	0	17			17		
00:30	0	1			1	12:30	0	13			13		
00:45	0	4	14		4 14	12:45	0	19	62		19 62		
01:00	0	1			1	13:00	0	20			20		
01:15	0	0			0	13:15	0	23			23		
01:30	0	3			3	13:30	0	21			21		
01:45	0	2	6		2 6	13:45	0	22	86		22 86		
02:00	0	1			1	14:00	0	15			15		
02:15	0	0			0	14:15	0	22			22		
02:30	0	1			1	14:30	0	20			20		
02:45	0	1	3		1 3	14:45	0	24	81		24 81		
03:00	0	1			1	15:00	0	15			15		
03:15	0	1			1	15:15	0	17			17		
03:30	0	1			1	15:30	0	8			8		
03:45	0	0	3		0 3	15:45	0	18	58		18 58		
04:00	0	1			1	16:00	0	9			9		
04:15	0	0			0	16:15	0	10			10		
04:30	0	2			2	16:30	0	15			15		
04:45	0	2	5		2 5	16:45	0	21	55		21 55		
05:00	0	0			0	17:00	0	12			12		
05:15	0	2			2	17:15	0	18			18		
05:30	0	7			7	17:30	0	15			15		
05:45	0	4	13		4 13	17:45	0	22	67		22 67		
06:00	0	11			11	18:00	0	22			22		
06:15	0	7			7	18:15	0	22			22		
06:30	0	8			8	18:30	0	16			16		
06:45	0	19	45		19 45	18:45	0	14	74		14 74		
07:00	0	13			13	19:00	0	20			20		
07:15	0	32			32	19:15	0	8			8		
07:30	0	30			30	19:30	0	10			10		
07:45	0	32	107		32 107	19:45	0	8	46		8 46		
08:00	0	38			38	20:00	0	13			13		
08:15	0	34			34	20:15	0	10			10		
08:30	0	38			38	20:30	0	6			6		
08:45	0	30	140		30 140	20:45	0	8	37		8 37		
09:00	0	23			23	21:00	0	5			5		
09:15	0	17			17	21:15	0	5			5		
09:30	0	19			19	21:30	0	6			6		
09:45	0	20	79		20 79	21:45	0	9	25		9 25		
10:00	0	20			20	22:00	0	7			7		
10:15	0	17			17	22:15	0	10			10		
10:30	0	19			19	22:30	0	3			3		
10:45	0	15	71		15 71	22:45	0	6	26		6 26		
11:00	0	10			10	23:00	0	6			6		
11:15	0	10			10	23:15	0	5			5		
11:30	0	29			29	23:30	0	3			3		
11:45	0	17	66		17 66	23:45	0	3	17		3 17		
TOTALS	552				552	TOTALS	634				634		
SPLIT %	100.0%				46.5%	SPLIT %	100.0%				53.5%		

DAILY TOTALS				NB	SB					EB	WB	Total			
				0	1,186					0	0				
AM Peak Hour		07:45		07:45		PM Peak Hour		13:00		13:00					
AM Pk Volume		142		142		PM Pk Volume		86		86					
Pk Hr Factor		0.934		0.934		Pk Hr Factor		0.935		0.935					
7 - 9 Volume	0	247	0	0	247	4 - 6 Volume	0	122	0	0	122				
7 - 9 Peak Hour	07:45		07:45		07:45		4 - 6 Peak Hour	17:00		17:00					
7 - 9 Pk Volume	0	142	0	0	142	4 - 6 Pk Volume	0	67	0	0	67				
Pk Hr Factor	0.000	0.934	0.000	0.000	0.934	Pk Hr Factor	0.000	0.761	0.000	0.000	0.761				

Attachment C

EXISTING TRIP GENERATION

DAILY TRIP GENERATION

ITE TRIP GENERATION CHARACTERISTICS					DIRECTIONAL DISTRIBUTION		GROSS VOLUMES			INTERNAL CAPTURE		EXTERNAL TRIPS			PASS-BY CAPTURE		NET NEW EXTERNAL TRIPS		
Land Use	ITE Edition	ITE Code	Scale	ITE Units	Percent		In	Out	Total	Percent	IC Trips	In	Out	Total	Percent	PB Trips	In	Out	Total
					In	Out													
1 Residential Condominium/Townhouse	9	230	30	du	50%	50%	113	113	226	0.0%	0	113	113	226	0.0%	0	113	113	226
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
Total:							113	113	226	0.0%	0	113	113	226	0.0%	0	113	113	226

LUC
230

RATE/EQUATION
 $LN(Y) = 0.87 * LN(X) + 2.46$

AM PEAK HOUR TRIP GENERATION

ITE TRIP GENERATION CHARACTERISTICS					DIRECTIONAL DISTRIBUTION		GROSS VOLUMES			INTERNAL CAPTURE		EXTERNAL TRIPS			PASS-BY CAPTURE		NET NEW EXTERNAL TRIPS		
Land Use	ITE Edition	ITE Code	Scale	ITE Units	Percent		In	Out	Total	Percent	IC Trips	In	Out	Total	Percent	PB Trips	In	Out	Total
					In	Out													
1 Residential Condominium/Townhouse	9	230	30	du	17%	83%	3	17	20	0.0%	0	3	17	20	0.0%	0	3	17	20
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
Total:							3	17	20	0.0%	0	3	17	20	0.0%	0	3	17	20

LUC
230

RATE/EQUATION
 $LN(Y) = 0.8 * LN(X) + 0.26$

PM PEAK HOUR TRIP GENERATION

ITE TRIP GENERATION CHARACTERISTICS					DIRECTIONAL DISTRIBUTION		DRIVEWAY VOLUMES			INTERNAL CAPTURE		EXTERNAL TRIPS			PASS-BY CAPTURE		NET NEW EXTERNAL TRIPS		
Land Use	ITE Edition	ITE Code	Scale	ITE Units	Percent		In	Out	Total	Percent	IC Trips	In	Out	Total	Percent	PB Trips	In	Out	Total
					In	Out													
1 Residential Condominium/Townhouse	9	230	30	du	67%	33%	15	7	22	0.0%	0	15	7	22	0.0%	0	15	7	22
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
Total:							15	7	22	0.0%	0	15	7	22	0.0%	0	15	7	22

LUC
230

RATE/EQUATION
 $LN(Y) = 0.82 * LN(X) + 0.32$

PROPOSED TRIP GENERATION

DAILY TRIP GENERATION

ITE TRIP GENERATION CHARACTERISTICS					DIRECTIONAL DISTRIBUTION		GROSS VOLUMES			INTERNAL CAPTURE		EXTERNAL TRIPS			PASS-BY CAPTURE		NET NEW EXTERNAL TRIPS		
Land Use	ITE Edition	ITE Code	Scale	ITE Units	Percent		In	Out	Total	Percent	IC Trips	In	Out	Total	Percent	PB Trips	In	Out	Total
					In	Out													
1 High-Rise Apartment	9	222	181	du	50%	50%	456	456	912	0.0%	0	456	456	912	0.0%	0	456	456	912
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
Total:							456	456	912	0.0%	0	456	456	912	0.0%	0	456	456	912

LUC
222

RATE/EQUATION
 $LN(Y) = 0.83 * LN(X) + 2.5$

AM PEAK HOUR TRIP GENERATION

ITE TRIP GENERATION CHARACTERISTICS					DIRECTIONAL DISTRIBUTION		GROSS VOLUMES			INTERNAL CAPTURE		EXTERNAL TRIPS			PASS-BY CAPTURE		NET NEW EXTERNAL TRIPS		
Land Use	ITE Edition	ITE Code	Scale	ITE Units	Percent		In	Out	Total	Percent	IC Trips	In	Out	Total	Percent	PB Trips	In	Out	Total
					In	Out													
1 High-Rise Apartment	9	222	181	du	25%	75%	14	41	55	0.0%	0	14	41	55	0.0%	0	14	41	55
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
Total:							14	41	55	0.0%	0	14	41	55	0.0%	0	14	41	55

LUC
222

RATE/EQUATION
 $LN(Y) = 0.99 * LN(X) + 1.14$

PM PEAK HOUR TRIP GENERATION

ITE TRIP GENERATION CHARACTERISTICS					DIRECTIONAL DISTRIBUTION		DRIVEWAY VOLUMES			INTERNAL CAPTURE		EXTERNAL TRIPS			PASS-BY CAPTURE		NET NEW EXTERNAL TRIPS		
Land Use	ITE Edition	ITE Code	Scale	ITE Units	Percent		In	Out	Total	Percent	IC Trips	In	Out	Total	Percent	PB Trips	In	Out	Total
					In	Out													
1 High-Rise Apartment	9	222	181	du	61%	39%	43	27	70	0.0%	0	43	27	70	0.0%	0	43	27	70
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
Total:							43	27	70	0.0%	0	43	27	70	0.0%	0	43	27	70

LUC
222

RATE/EQUATION
 $Y = 0.32 * (X) + 12.3$

Attachment D



Kimley»Horn

Figure 4
Project Trip Distribution
Alexan Tarpon River
Fort Lauderdale, FL



Figure 5
A.M. Peak Hour Project Trip Assignment
Alexan Tarpon River
Fort Lauderdale, FL



Kimley»Horn

Figure 6
P.M. Peak Hour Project Trip Assignment
Alexan Tarpon River
Fort Lauderdale, FL

Alexan Tarpon River
Trip Distribution
CF2040
SERPM 7.071

Broward Boulevard

Las Olas Boulevard

SE 3 Avenue

SE 6 Street

US 1

Davie Boulevard

SE 17 Street

SR 84

cube

(Licensed to Kimley Horn and Associates Inc)