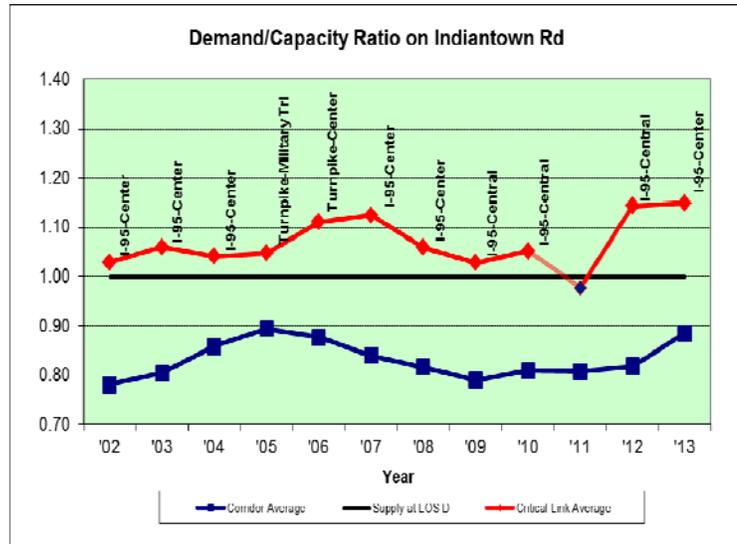


Section Summary

- A total of 284.6 million annual VMT (Vehicle Miles Travelled) is recorded on the entire arterial system within the Town in 2013, which accounts for 73.6% of LOS D service volume on the average, a 3.3% increase over the past three-year average.
- Indiantown Rd between I-95 and Central Blvd as well as Central Blvd to Center St fail LOS D standard in 2013 and its volume-to-capacity ratio (1.15) climbs to a record high since 2002. The overall volume-to-capacity ratio (0.89) on corridor has also bounced back to 2005 level.



- Compared to other small population cities (less than 500,000) nationwide from which we have data access, Town residents share 2.52 lane-mile arterial roadways per 1000 capita versus 1.18 lane-mile per 1000 capita nationwide average.
- On the arterial roadways, the daily traffic in Town is approximately 5,300 per lane, as compared to 8,100 per lane average in small cities nationwide. Although the overall daily traffic per lane is lower, the daily traffic per lane per capita is fairly high as 93.8 in Town versus 22.6 nationwide average, indicating that external trips to and from the Town made by non-residents are very significant.
- The vehicle-mile-travelled within peak hours, i.e., 7-9 AM and 4-6 PM, in Town are higher than the nationwide average (39% versus 24%).

Quick facts of arterial roadway systems in smaller cities

City	Population	Lane-miles	DVMT (x1000)	Peak DVMT
Anchorage AK	307000	190	1992	17%
Beaumont TX	243000	1011	3266	15%
Boise ID	319000	166	1617	39%
Boulder CO	152000	200	1039	17%
Brownsville TX	214000	432	1517	17%
Cape Coral FL	473000	154	1793	43%
Columbia SC	490000	495	6106	34%
Corpus Christi TX	337000	320	2942	12%
Eugene OR	256000	164	1763	18%
Greensboro NC	351000	575	4583	18%
Jackson MS	426000	1660	6501	23%
Little Rock AR	464000	672	7915	32%
Madison WI	403000	289	3499	26%
Pensacola FL-AL	361000	187	1419	34%
Provo-Orem UT	479000	292	4031	32%
Salem OR	246000	152	1617	24%
Spokane WA-ID	383000	255	2369	13%
Stockton CA	409000	220	3591	34%
Winston-Salem NC	388000	460	4777	18%
Worcester MA-CT	447000	546	5764	22%
Average	357400	422	3405	24%
Jupiter, FL	56733	143	761	39%

2013 Traffic Counts on All Arterials (in black) and Collectors (in blue)

EXISTING CONDITIONS (2013)									
Roadway		Lane	LOS C/D ⁽¹⁾	LOS D		2013		2013	
From	To	Geometry	Average Daily	Two-way Peak Hour		PSWADT Count	LOS ⁽⁴⁾	Two-way Peak Hour ⁽⁴⁾	LOS
AIA									
US 1	Indiantown Road	2L	15,200	1,480		10,707	D	970	C
Indiantown Road	Marcinski Road	2L	15,200	1,480		7,653	C	643	C
Donald Ross Road	Marcinski Road	2L	15,200	1,480		5,807	C	559	C
Alternate AIA									
US 1	Center Street	6LD	50,300	4,880		40,441	D	3,313	C
Center Street	Indiantown Road	6LD	50,300	4,880		32,238	C	2,595	C
Indiantown Road	Toney Penna Drive	6LD	50,300	4,880		31,267	C	2,725	C
Toney Penna Drive	Donald Ross Road	6LD	50,300	4,880		26,238	C	2,281	C
Bush Rd									
Indiantown Road	Toney Penna Drive	2L	8,500 ⁽³⁾	1,010		4,324	B	398	B
Center Street									
Indiantown Road	Loxahatchee River Road	2L	15,500 ⁽²⁾	1,480 ⁽²⁾		15,174	D	1,413	D
Loxahatchee River Road	Alternate AIA	2L	20,700 ⁽²⁾	1,990 ⁽²⁾		16,011	E	1,510	E
Central Boulevard									
Roebuck Road	Church Street	2L	15,200	1,480		15,390	D	1,455	D
Church Street	Indiantown Road	2L	15,200	1,480		15,390	D	1,455	D
Indiantown Road	Toney Penna Drive	4LD	33,200	3,220		27,405	D	2,478	D
Toney Penna Drive	Maplewood Drive	4LD	33,200	3,220		20,153	C	1,878	C
Indian Creek Parkway	Frederick Small Road	4LD	33,200	3,220		13,326	C	1,285	C
Frederick Small Road	Donald Ross Road	4LD	33,200	3,220		16,224	C	1,488	C
Church Street									
West of Limestone Creek Road		2L	15,200	1,480		3,019	C	524	C
Limestone Creek Road	Central Boulevard	2L	15,200	1,480		5,563	C	1,130	D
Dakota Dr									
Greenway Dr	Central Boulevard	2L	13,100 ⁽³⁾	1,530		1,958	A	220	A
Central Boulevard	Military Trail	2L	9,700 ⁽³⁾	1,120		2,667	A	291	A
Donald Ross Road									
I-95/Turnpike	Heights Blvd	6LD	50,300	4,880		34,814	C	3,316	C
Heights Blvd	Central Boulevard	6LD	50,300	4,880		30,002	C	2,866	C
Central Boulevard	Alternate AIA	6LD	50,300	4,880		28,240	C	2,487	C
Alternate AIA	Prosperity Farms Rd	4LD	33,200	3,220		27,767	D	2,412	C
East of Prosperity Farms Rd		4LD	33,200	3,220		27,540	D	2,632	D
Frederick Small Road									
Parkside Drive	Central Boulevard	2L	11,700 ⁽³⁾	1,370		6,373	B	661	B
Central Boulevard	Military Trail	4LD	33,200	3,220		8,410	C	897	C
Military Trail	Alternate AIA	2L	15,200	1,480		9,294	C	867	C
Alternate AIA	Palmwood Drive	2L	15,200	1,480		3,796	C	387	C
Greenway Dr									
Jeaga Dr	Indian Creek Parkway	2L	11,300 ⁽³⁾	1,150		7,111	B	717	B
Heights Boulevard									
North of Frederick Small Road		2L	11,700 ⁽³⁾	1,370		7,046	B	702	B
Frederick Small Road	Donald Ross Road	2L	11,500 ⁽³⁾	1,370		5,098	A	498	B
Indian Creek Parkway									
Maplewood Drive	Central Boulevard	4LD	33,200	3,220		16,911	C	1,553	C
Central Boulevard	Military Trail	4LD	33,200	3,220		11,887	C	1,110	C
Indiantown Road									
West of Florida's Turnpike		6LD	50,300	4,880		28,738	C	2,729	C
Florida's Turnpike	I-95	6LD	50,300	4,880		44,188	D	4,115	D
I-95	Island Way	6LD	50,300	4,880		57,817	F	5,332	F
Island Way	Central Boulevard	6LD	50,300	4,880		54,116	F	4,806	D
Central Boulevard	Center Street	6LD	50,300	4,880		53,037	E	4,299	D
Center Street	Maplewood Drive	6LD	50,300	4,880		45,165	D	3,758	C
Maplewood Drive	Pennock Lane	6LD	50,300	4,880		45,165	D	3,758	C
Pennock Lane	Military Trail	6LD	50,300	4,880		45,165	D	3,758	C
Military Trail	Alternate AIA	6LD	50,300	4,880		41,726	D	3,433	C
Alternate AIA	US 1	6LD	50,300	4,880		28,524	C	2,336	C
US 1	Ocean Boulevard	4LD	33,200	3,220		15,678	C	1,345	C
Island Way									
North of Indiantown Rd		4LD	33,200	3,220		11,066	C	1,087	C
South of Indiantown Rd		2L	15,200	1,480		1,443	C	141	C

Jupiter Park Drive										
	West of Central Boulevard	2L	10,300	(3)	1,240	9,148	C	862	C	
Limestone Creek Road										
	Church Street	Island Way	2L	8,300	(3)	980	2,787	A	362	B
Longshore Drive										
	Northfork Drive	Central Boulevard	2L	10,000	(3)	1,170	5,511	B	505	B
Loxahatchee Drive										
	Center Street	Indiantown Road	2L	7,400	(3)	840	1,708	A	231	A
	Indiantown Road	Toney Penna Drive	2L	7,100	(3)	810	1,172	A	104	A
Loxahatchee River Road										
	Palm Beach County Line	Roebuck Road	2L	15,200		1,480	3,025	C	242	C
	Roebuck Road	Center Street	2L	15,200		1,480	9,602	C	859	C
Maplewood Drive										
	Indiantown Road	Toney Penna Drive	4LD	22,500	(3)	2,660	13,566	B	1,191	B
	Toney Penna Drive	Indian Creek Parkway	2L	13,400	(3)	1,610	9,179	B	1,128	C
Marcinski Road										
	Intracoastal	US 1	2L	15,200		1,480	8,776	C	683	C
	US 1	Ocean Boulevard	2L	15,200		1,480	3,576	C	361	C
Military Trail										
	Indiantown Road	Toney Penna Drive	6LD	50,300		4,880	24,121	C	2,001	C
	Toney Penna Drive	Indian Creek Parkway	6LD	50,300		4,880	24,121	C	2,001	C
	Indian Creek Parkway	Frederick Small Road	6LD	50,300		4,880	29,341	C	2,525	C
	Frederick Small Road	Donald Ross Road	6LD	50,300		4,880	34,691	C	3,096	C
Old Dixie Highway										
	Toney Penna Drive	Jupiter Lakes Blvd	2L	9,100	(3)	1,040	5,304	B	443	B
Parkside Dr										
	Donald Ross Road	University Dr	4LD	21,500	(3)	2,440	6,515	A	653	A
Pennock Lane										
	Center Street	Indiantown Road	2L	7,100	(3)	800	3,551	B	322	B
	Indiantown Road	Toney Penna Drive	2L	10,000	(3)	1,180	4,304	A	391	A
Riverside Drive										
	Alternate A1A	Seabrook Rd	2L	9,500	(3)	980	9,218	C	775	C
	Seabrook Rd	Tequesta Dr	2L	9,000	(3)	960	5,029	B	417	B
Roebuck Road										
	Central Boulevard	Loxahatchee River Road	2L	15,200		1,480	5,167	C	515	C
Toney Penna Drive										
	Central Boulevard	Maplewood Drive	2L	11,000	(3)	1,310	8,857	C	780	C
	Maplewood Drive	Pennock Lane	2L	13,000	(3)	1,590	9,272	C	846	B
	Pennock Lane	Military Trail	2L	11,100	(3)	1,350	11,833	D	1,134	D
	Military Trail	Alternate A1A	2L	9,600	(3)	1,120	9,251	C	805	C
University Drive										
	Parkside Drive	Central Boulevard	2L	15,200		1,480	2,586	C	219	C
	Central Boulevard	Military Trail	2L	15,200		1,480	4,337	C	451	C
US 1										
	Alternate A1A	Ocean Boulevard	4LD	33,200		3,220	20,684	C	1,841	C
	Ocean Boulevard	Indiantown Road	4LD	33,200		3,220	20,684	C	1,841	C
	Indiantown Road	Marcinski Road	4LD	33,200		3,220	24,388	C	2,144	C
	Marcinski Road	Donald Ross Road	4LD	33,200		3,220	27,703	D	2,338	C



The intersection is evaluated using the critical intersection volume-to-capacity (v/c) ratio. All major intersections with the ratio greater than 0.7 are listed here for forewarning purpose. Note that a ratio of 0.85 or less corresponds to LOS D or better, and a ratio between 0.85-0.95 corresponds to LOS E.

Intersection		Total entering volume in peak hour (vph)	Critical intersection v/c*
Major Rd	Crossed Rd		
Indiantown Rd	Island Way	5,840 (AM)	0.75
Indiantown Rd	Central Blvd	6,195 (PM)	0.74
Indiantown Rd	Center St	4,633 (PM)	0.71

Note: *Calculated as the sum of critical flow ratios (volume divided by saturation flow; 1710/1620 vphpl for through/left) divided by (1-L/C), where L = total lost time and C = cycle length.

Quick Facts on Town wide Crashes in 2013 (12/1/2012-11/30/2013)

- A total of 1,834 crashes occurred in 2013, including 4 fatal crashes
- Majority of crashes occur at signalized intersections along Indiantown Rd and Military Trail
- Majority of crashes are head on (33%), rear-end (19%) and off-road (11%); 4% are alcohol/drug involved
- None of the crashes occurred at roundabouts

