

**PLANNING DEPARTMENT
MEMORANDUM**

To: Planning Board Members
From: Ty Symroski, City Planner
Date: July 15, 2004
RE: Key West Traffic Data

This is the first memorandum to the Planning Board in what will become a series of short reports prepared by the Planning Department on vital statistics concerning the state of the Key West community.

The Average Annual Daily Traffic (AADT) information presented in the following graphs and table were obtained from the Florida Traffic Information 2003 program. All traffic counts were performed by the Florida Department of Transportation (FDOT). The count stations that we have data for are all located on what FDOT considers to be Key West's main collector roads and these roads are the only ones shown on the map. The locations represented on the maps all have their own numbers. For most locations, the numbers are placed at the count stations. In some instances, the count stations are close together so stars represent the location and arrows lead from the numbers to the stars. These numbers correspond to the location numbers on the graphs and in the table. Thus, the data for the count station on Atlantic (9) is found in the Location 9 graph. The actual numbers for all years at all locations are reported in the table.

The final graph, Key West Aggregate Data, displays the increase in total traffic for Key West over the last 15 years. The slope of the trend line indicates that traffic has increased roughly 1.5% per year since 1988. Although Key West traffic has increased well below the national average, roadway capacity to handle traffic has not been significantly increased over the last 15 years- meaning that we are putting more vehicles on the same space.

All of the graphs share the same scale to make it easy to compare the relative traffic volumes between locations. A quick glance at the graphs indicates that there is considerable variation in the traffic on an annual basis. This could be due to a number of reasons, but most-likely correlates with the number of tourists for the year. Extreme variations between two consecutive years at one sight could be due to road construction on the location road- which would decrease AADT- or could be due to construction on a neighboring road- which would increase AADT.

Finally, the map was created using a Geographic Information System (GIS). Having the AADT data in the GIS is one of the first steps in creating a comprehensive information system that the Planning Department can use to spatially analyze current conditions and trends.

THE STEADY INCREASE OF TRAFFIC IN KEY WEST

JULY 15, 2004



KEY WEST PLANNING DEPARTMENT

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Kai Monast

kmonast@keywestcity.com

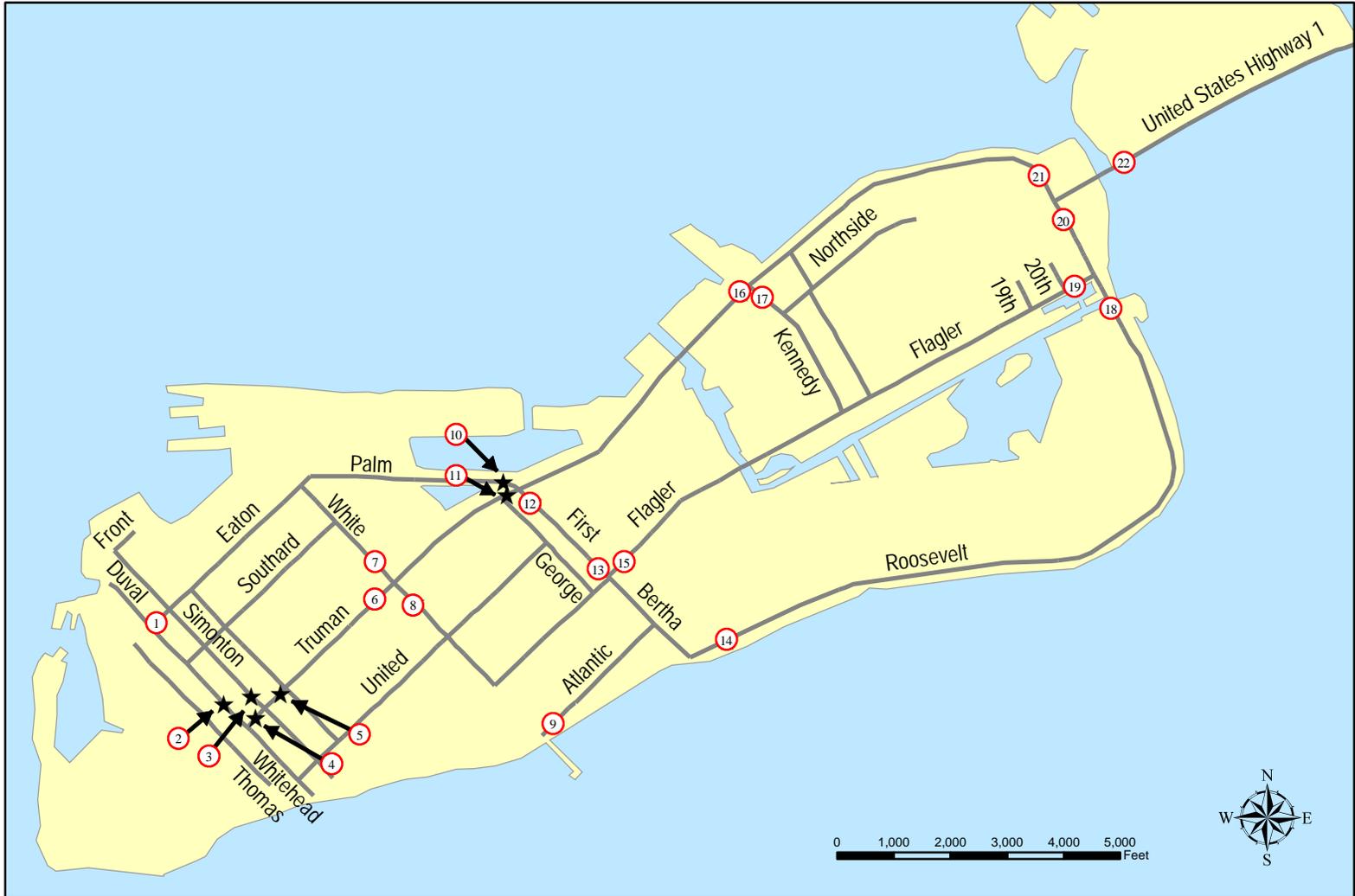
(305) 292-8189

605A Simonton Street

Key West, FL 33040

Key West Average Annual Daily Traffic Count Stations

See spreadsheet for traffic counts



THE STEADY INCREASE OF TRAFFIC IN KEY WEST

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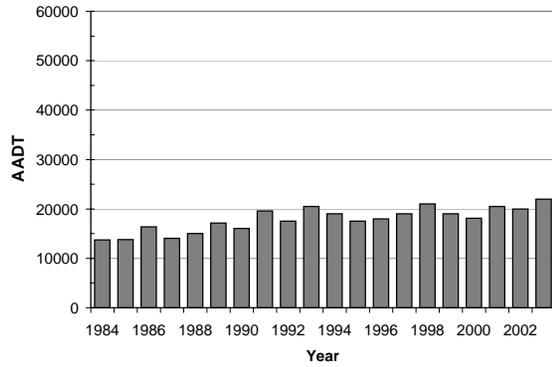
Key West Average Annual Daily Traffic Graphs (1984 - 2003)

Prepared by City of Key West Planning Department

Source: Florida Traffic Information 2003

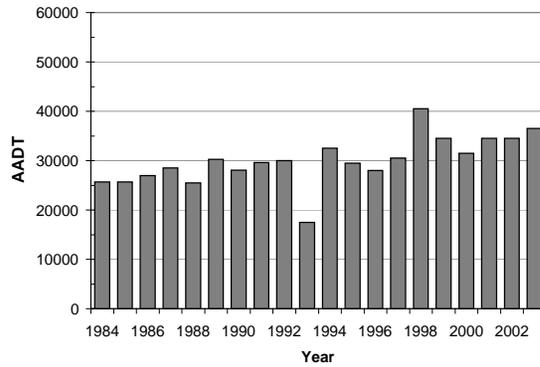
Location 1

Eaton St 200' West of Duval St (0020)



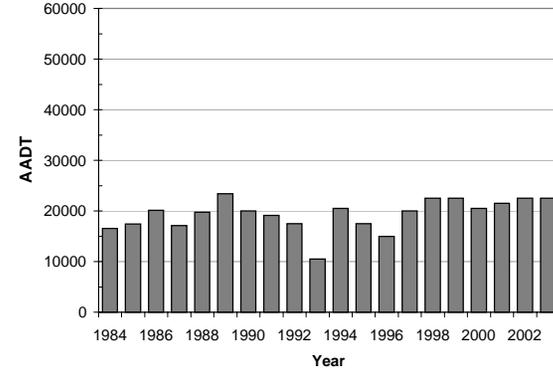
Location 2

Whitehead St 100' South of Olivia St (5013)



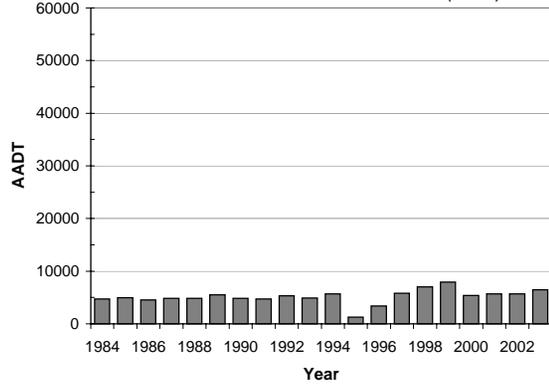
Location 3

Duval St 200' North of Truman Ave (0023)



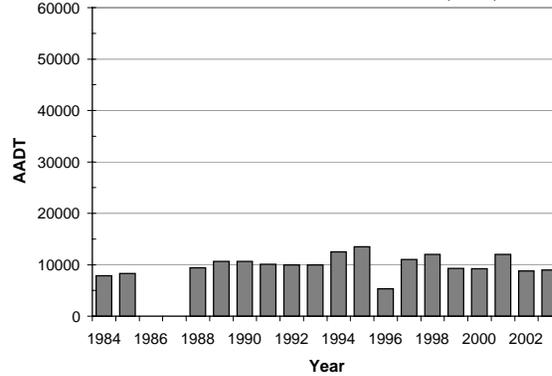
Location 4

Truman Ave 200' West of Duval St (5012)



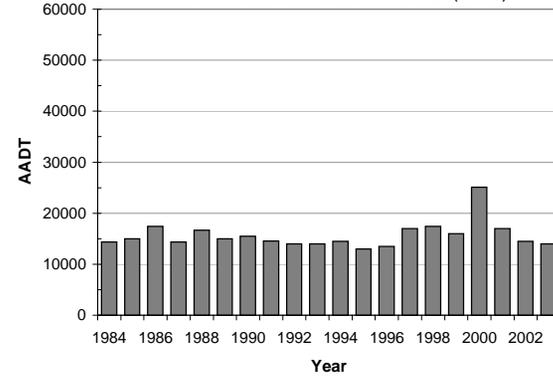
Location 5

Truman Ave 200' East of Duval St (5011)



Location 6

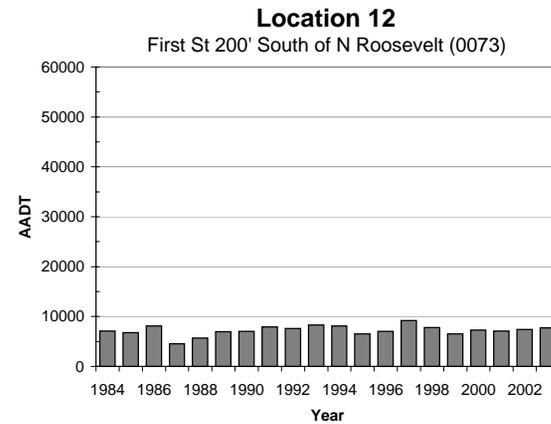
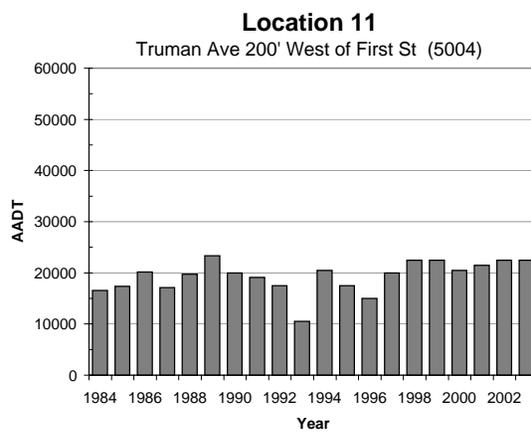
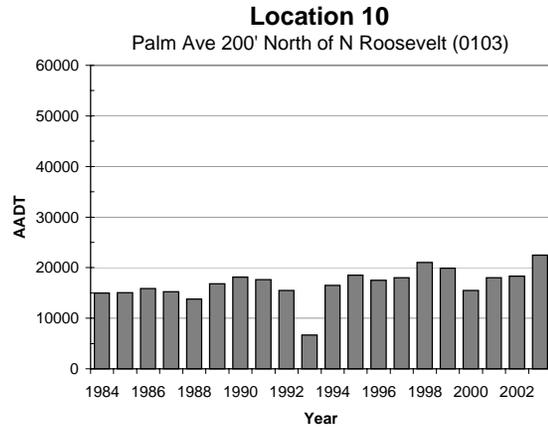
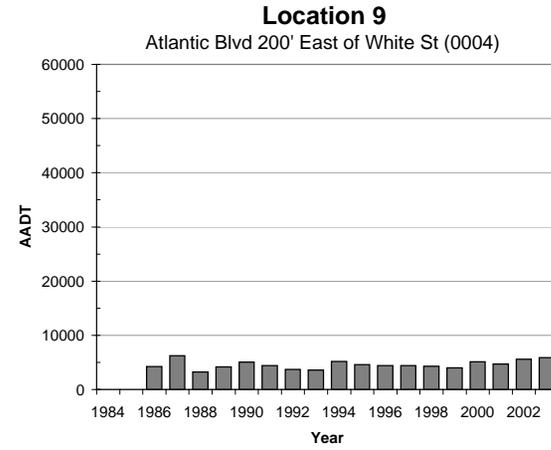
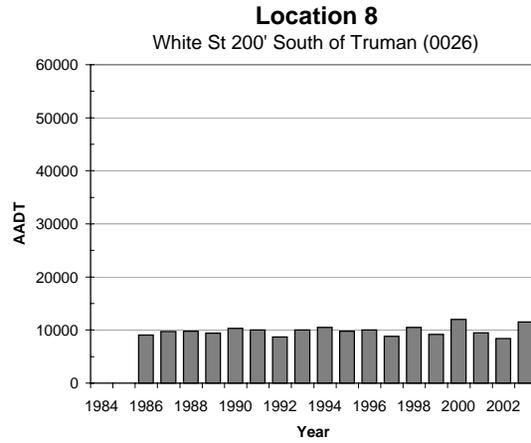
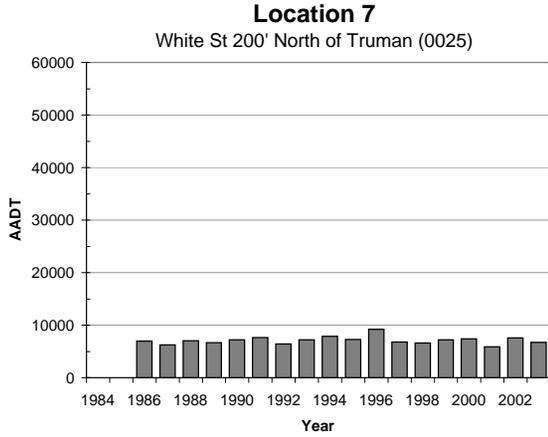
Truman Ave 200' West of White St (5008)



Key West Average Annual Daily Traffic Graphs (1984 - 2003)

Prepared by City of Key West Planning Department

Source: Florida Traffic Information 2003



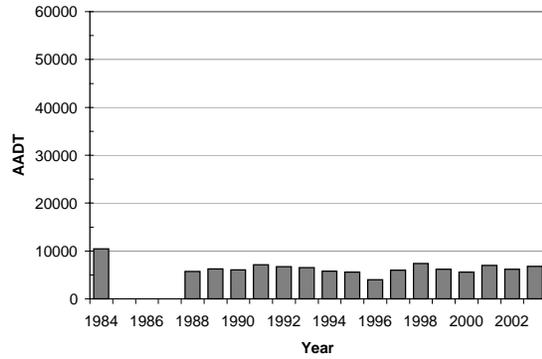
Key West Average Annual Daily Traffic Graphs (1984 - 2003)

Prepared by City of Key West Planning Department

Source: Florida Traffic Information 2003

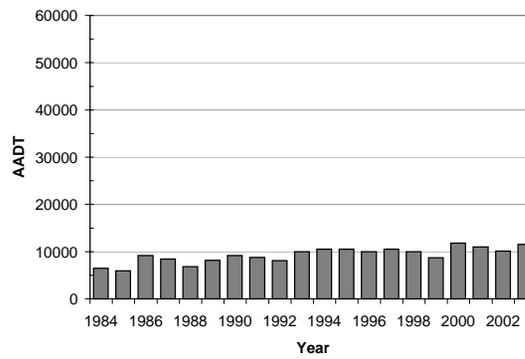
Location 13

First St 100' South of Seidenberg (5026)



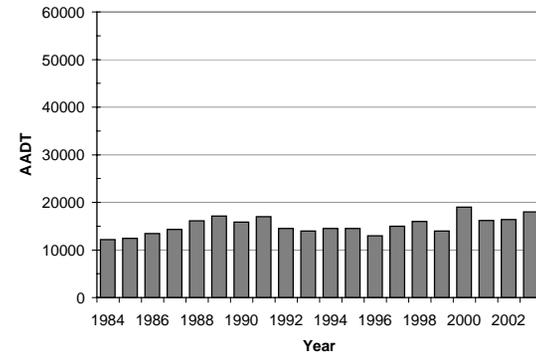
Location 14

S Roosevelt Blvd 400' East of Bertha St (5028)



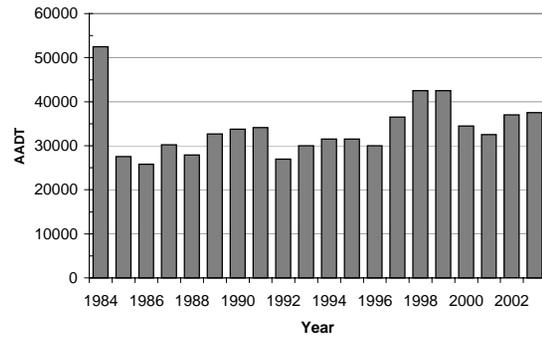
Location 15

Flagler Ave 200' East of First St (0071)



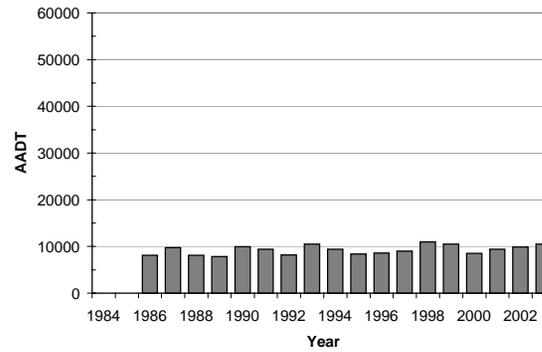
Location 16

N Roosevelt Blvd 200' West of Kennedy (5034)



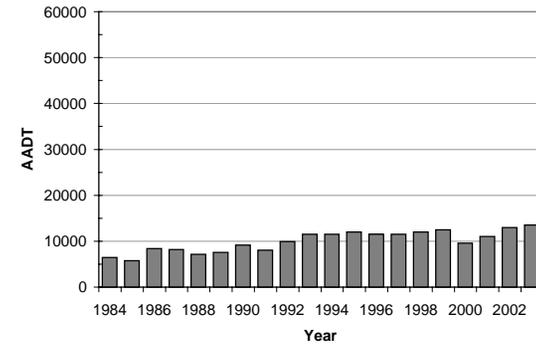
Location 17

Kennedy Blvd 200' South of S Roosevelt (0028)



Location 18

S Roosevelt Blvd 300' South of Flagler (5027)



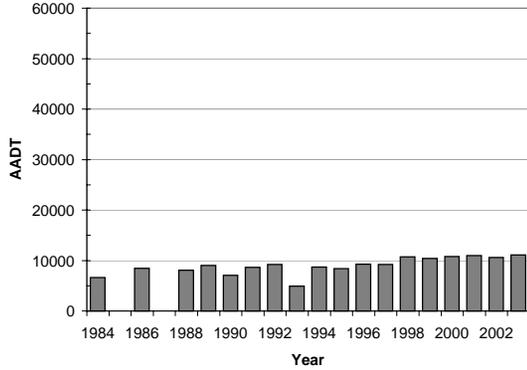
Key West Average Annual Daily Traffic Graphs (1984 - 2003)

Prepared by City of Key West Planning Department

Source: Florida Traffic Information 2003

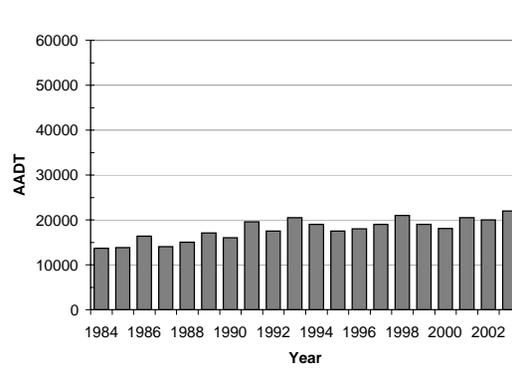
Location 19

Flagler Ave 200' West of S Roosevelt (5017)



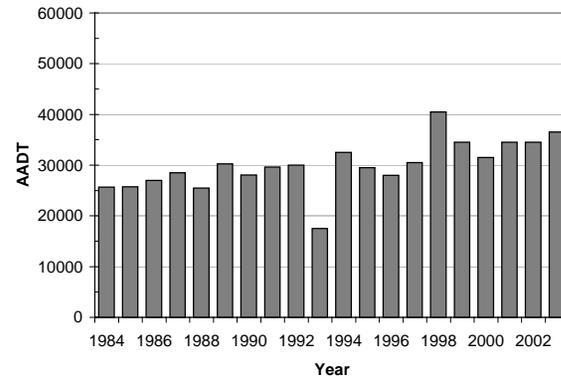
Location 20

South Roosevelt 200' South of US 1 (0049)



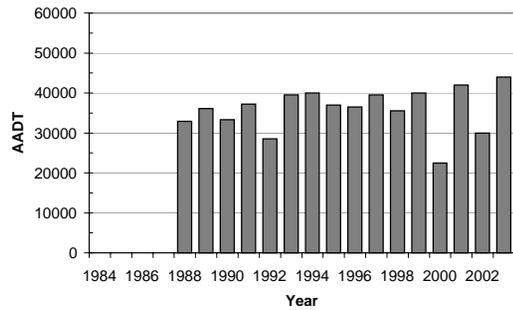
Location 21

US 1 400' West of Roosevelt (0105)



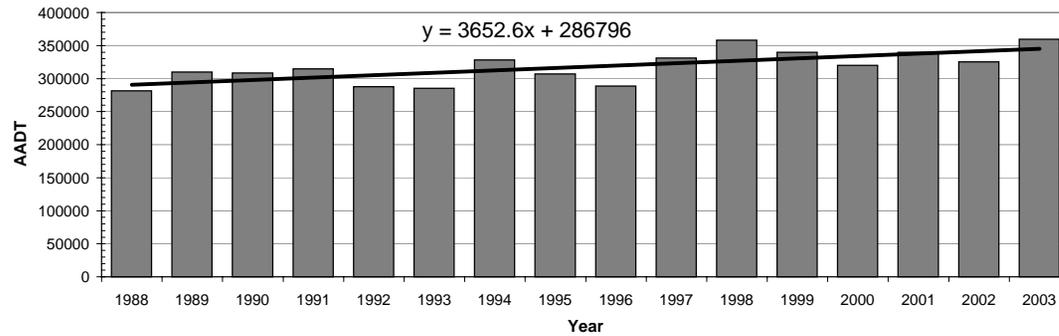
Location 22

US 1 200' East of Cow Key Bridge (0201)



Key West Aggregate AADT

All Count Stations



Key West Average Annual Daily Traffic Graphs (1984 - 2003)

Prepared by City of Key West Planning Department

Source: Florida Traffic Information 2003

SITE	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
1	13,715	13,815	16,378	14,028	15,020	17,124	16,023	19,561	17,500	20,500	19,000	17,500	18,000	19,000	21,000	19,000	18,100	20,500	20,000	22,000
2	5,685	4,460	7,308	8,113	6,280	8,206	8,116	7,137	6,700	8,000	9,300	6,700	6,100	9,800	7,400	9,100	10,100	9,600	8,100	8,800
3	0	0	9,465	7,223	9,183	7,420	9,996	8,765	11,500	11,500	11,000	11,000	7,200	11,000	10,500	5,100	8,000	10,500	8,900	10,500
4	4,740	4,977	4,544	4,818	4,820	5,511	4,839	4,688	5,300	4,900	5,700	1,300	3,400	5,800	7,000	7,900	5,400	5,700	5,700	6,500
5	7,875	8,269	0	0	9,440	10,639	10,666	10,117	10,000	10,000	12,500	13,500	5,300	11,000	12,000	9,300	9,200	12,000	8,800	9,000
6	14,347	15,006	17,410	14,358	16,640	15,001	15,493	14,519	14,000	14,000	14,500	13,000	13,500	17,000	17,400	16,000	25,100	17,000	14,500	14,000
7	0	0	6,974	6,242	7,036	6,681	7,234	7,662	6,400	7,200	7,900	7,300	9,200	6,800	6,600	7,200	7,400	5,900	7,600	6,700
8	0	0	9,048	9,710	9,752	9,419	10,342	10,014	8,700	10,000	10,500	9,800	10,000	8,800	10,500	9,200	12,000	9,500	8,400	11,500
9	0	0	4,228	6,236	3,232	4,197	5,026	4,398	3,700	3,600	5,200	4,600	4,400	4,400	4,300	4,000	5,100	4,700	5,600	5,900
10	14,955	15,056	15,880	15,214	13,818	16,828	18,111	17,643	15,500	6,700	16,500	18,500	17,500	18,000	21,000	19,900	15,500	18,000	18,300	22,500
11	16,567	17,395	20,142	17,120	19,720	23,371	20,003	19,115	17,500	10,500	20,500	17,500	15,000	20,000	22,500	22,500	20,500	21,500	22,500	22,500
12	7,085	6,762	8,083	4,513	5,665	6,983	7,046	7,911	7,600	8,300	8,100	6,500	7,000	9,200	7,800	6,500	7,300	7,100	7,400	7,700
13	10,413	0	0	0	5,731	6,225	6,049	7,097	6,700	6,500	5,800	5,600	4,000	6,000	7,400	6,200	5,600	7,000	6,200	6,800
14	6,446	5,935	9,185	8,456	6,784	8,158	9,182	8,758	8,100	10,000	10,500	10,500	10,000	10,500	10,000	8,700	11,800	11,000	10,100	11,500
15	12,180	12,448	13,415	14,330	16,150	17,091	15,877	16,959	14,500	14,000	14,500	14,500	13,000	15,000	16,000	14,000	19,000	16,200	16,400	18,000
16	52,462	27,542	25,793	30,220	27,896	32,697	33,728	34,130	27,000	30,000	31,500	31,500	30,000	36,500	42,500	42,500	34,500	32,500	37,000	37,500
17	0	0	8,104	9,765	8,121	7,875	9,951	9,423	8,200	10,500	9,400	8,400	8,600	9,000	11,000	10,500	8,500	9,400	9,900	10,500
18	6,457	5,774	8,394	8,216	7,172	7,569	9,186	8,074	9,900	11,500	11,500	12,000	11,500	11,500	12,000	12,500	9,600	11,000	13,000	13,500
19	6,606	0	8,424	0	8,051	9,049	7,067	8,618	9,200	4,900	8,700	8,400	9,300	9,200	10,700	10,400	10,800	11,000	10,600	11,100
20	13,715	13,815	16,378	14,028	15,020	17,124	16,023	19,561	17,500	20,500	19,000	17,500	18,000	19,000	21,000	19,000	18,100	20,500	20,000	22,000
21	25,669	25,706	26,984	28,498	25,504	30,275	28,059	29,625	30,000	17,500	32,500	29,500	28,000	30,500	40,500	34,500	31,500	34,500	34,500	36,500
22	0	0	0	0	32,941	36,122	33,317	37,195	28,500	39,500	40,000	37,000	36,500	39,500	35,500	40,000	22,500	42,000	30,000	44,000
Total	*	*	*	*	281,599	309,944	308,547	314,696	287,800	285,300	328,000	306,900	288,700	330,900	358,300	339,800	320,100	340,000	325,300	359,600

* indicates missing data for a traffic counter