



THE CITY OF KEY WEST

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EXECUTIVE SUMMARY

TO: Jim Scholl, City Manager
FROM: Doug Bradshaw, Senior Project Manager
DATE: November 30, 2010
SUBJECT: **Traffic Signal Maintenance Agreement with FDOT**

ACTION STATEMENT:

This resolution will approve the Traffic Signal Maintenance Agreement with the Florida Department of Transportation (FDOT)

BACKGROUND:

The City of Key West is responsible for maintaining the traffic signals for FDOT. The maintenance includes those traffic signals on FDOT roads within the City. They are located at the following locations:

US-1 (Whitehead St. @ Fleming St.)	US-1 (N. Roosevelt Blvd. @ Fire Station) – emergency signal
US-1 (Whitehead St. @ Southard St.)	US-1 (N. Roosevelt Blvd. @ Palm Ave.)
US-1 (Whitehead St. @ Truman Ave.)	US-1 (N. Roosevelt Blvd. @ MacMillan St.)
US-1 (Truman Ave. @ Duval St.)	US-1 (N. Roosevelt Blvd. @ Overseas Market
US-1 (Truman Ave. @ Simonton St.)	US-1 (N. Roosevelt Blvd. @ Kennedy Drive)
US-1 (Truman Ave. @ Windsor Ln.)	US-1 (N. Roosevelt Blvd. @ Sears Town
US-1 (Truman Ave. @ White St.)	US-1 (N. Roosevelt Blvd. @ S. Roosevelt Blvd.)
US-1 (Truman Ave. @ Florida St.) – Pedestrian crossing	US-1 (N. Roosevelt Blvd. @ College Rd.)
US-1 (Truman Ave. @ Eisenhower Dr. & Jose Marti Dr.)	

The City currently contracts with Keys Energy to maintain the signals. Keys Energy has estimated that on average the cost to maintain these signals is \$3,045/signal/year (see attached email). The City pays approximately \$23.33/month or \$280/year in electricity cost per signal. Total cost to operate one signal on average per year is \$3,325.

Key to the Caribbean – Average yearly temperature 77° F.

FDOT has proposed entering into an official agreement with the City of Key West that provides reimbursement of a portion of the maintenance cost and electricity cost, as determined by FDOT, for fifteen (15) of those signals on FDOT roads. They will not reimburse for the signal at the fire station and pedestrian crossing. No previous agreement existed between FDOT and the City. FDOT proposes paying the City on average \$1,313/signal/year which is approximately 40% of the total cost.

PURPOSE & JUSTIFICATION:

The traffic signals need to be maintained for safe traffic flow on streets within the City. The agreement proposed by FDOT allows the City to get reimbursed by FDOT a portion of their cost to maintain traffic signals on FDOT roads.

OPTIONS:

1. Approve entering into the Agreement
2. Approve entering into the agreement with modifications
3. Do not approve entering into the agreement

FINANCIAL IMPACT:

By entering into the agreement, the City will be able to receive reimbursement for a portion of the cost to maintain the signals.

RECOMMENDATION:

City staff recommends option # 1 that the City Commission approves entering into the Traffic Signal Maintenance Agreement with the Florida Department of Transportation (FDOT).