





**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact**

Fiscal Years	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Capital Expenditures					
Operating Costs	\$4,505,261	\$2,357,350	\$2,357,350	\$2,357,350	\$2,357,350
External Revenues	(\$4,505,261)	(\$2,357,350)	(\$2,357,350)	(\$2,357,350)	(\$2,357,350)
Program Income (County)					
In-Kind Match (County)					
Net Fiscal Impact	0	0	0	0	0
# ADDITIONAL FTE POSITIONS (Cumulative)	0	0	0	0	0

Is Item Included In Current Budget? Yes X No \_\_\_\_\_

Budget Account Exp No: Fund see below Department \_\_\_\_\_ Unit \_\_\_\_\_ Object \_\_\_\_\_  
 Rev No: Fund \_\_\_\_\_ Department \_\_\_\_\_ Unit \_\_\_\_\_ Object \_\_\_\_\_

**B. Recommended Sources of Funds/Summary of Fiscal Impact:**

The contracts and the new 9-1-1 phone system are funded entirely with the State of Florida E911 Board grant and revenue generated from the 9-1-1 system. Future funding for the AT&T project will be from revenue generated from the 9-1-1 system.

AT&T Contract:

1424-660-var-var	1,125,389
1433-660-var-var	1,680,441
1434-660-9250-var	11,786,750
1435-662-var-var	<u>1,699,431</u>
	\$16,292,011

Kimball & Associates Contract: 1434-660-9250-var \$429,310

Departmental Fiscal Review: \_\_\_\_\_

**III. REVIEW COMMENTS**

**A. OFMB Fiscal and/or Contract Dev. and Control Comments:**

*[Signature]*  
 OFMB  
 4/19/10

No Fiscal Impact  
 No inspector general fees in each contract  
*[Signature]*  
 Contract Administration 4/19/10

**B. Legal Sufficiency:**

*[Signature]*  
 Assistant County Attorney  
 Inspector General Fee NOT required.  
 Insurance is being reviewed by Risk Management  
 4-19-10

Both contracts require insurance certificates within 48 hours after county requests them. The AT&T contract requires a Bond. The AT&T contract was not extended as part of our review.

**C. Other Department Review:**  
 \_\_\_\_\_  
 Department Director

This summary is not to be used as a basis for payment.

(continued from page 1)

**Background and Justification:** In May 2008, the Board of County Commissioners approved the grant award of \$6,562,743 with a required county grant match of \$4,250,208 out of existing non ad-valorem 911 funds in support of the implementation of the County's initiative NG 911 system composed of three components, namely Customer Premise Equipment CPE, Network, and 911 Call Routing and Automatic Number Identification, Automatic Location Information database management system (ANI/ALI DBMS). These funds are available to fund contracts related to the new 911 system. The AT&T contract will be funded by the grant (\$1,699,431) and revenue generated from the 911 system fund (\$14,592,580). The Kimball Contract is entirely funded by the 911 system fund (\$429,310).

In June 2009, request for proposals via the County procurement process were issued for the NG 911 system. In December 2009, AT&T and Intrado/Positron were selected. The Purchasing Department supports the decision for Kimball as a sole source contract. Staff is respectfully seeking the Board of County Commissioners approval of the above-referenced contracts (AT&T and Kimball) to begin the implementation phase. The contract with AT&T would facilitate the installation of the necessary network system. The contract with Kimball would provide the County with the support, project management and oversight necessary for a successful implementation of the NG 911 Project initiative. The contract with Intrado/Positron will be forthcoming in the near future once the contract terms are finalized.

Attachment 1 is an executive summary of the County's initiative with the NG 911 project from start to present.



Executive Summary  
NG 911 Project  
Public Safety Department  
Division of Emergency Management

The Public Safety Department, Division of Emergency Management (DEM), is responsible for the management and coordination of Palm Beach County (County) 911 system. DEM recognized the need to enhance the current 911 system for the County to enhance a critical safety response system in order to better serve the citizens of the County. The current 911 system of the 1980s was created to transmit voice only and was not designed to handle the challenges of multimedia communication in a wireless, mobile society of today. With the advent of text messaging, commonly used by the deaf community, data, images, and video are increasingly common in personal communications and are critical to future transportation safety and mobility advances. DEM recognized the need and began to look for the opportunity to utilize this advanced technology and to apply it to the current 911 system.

The new system will enable the transmission of voice, data, or video from different types of communication devices to the twenty two (22) Public Safety Answering Points (PSAPs) within the County operated by the Sheriff's Office, Palm Beach County Fire Rescue and multiple municipalities onto emergency responder networks. The County's initiative was composed of three components: (1) Customer Premise Equipment (CPE), (2) Network, and (3) 911 Call Routing. This initiative became known and referred to as the Next Generation 911 Project (NG 911 Project).

In May 2007 the Florida Legislature passed law signed by the Governor to modify 911 statutes and have all 911 fees collections sent to and distributed by the newly created Florida E911 Board. The new legislation also made available \$50 million in grants for 911 system enhancement initiatives. In December 2007, DEM obtained the approval of the Board of County Commission to apply for three grants from the Florida State 911 Board to enable fund components I (CPE) and component II (network) of its new NG 911 Project initiative. In January 2008 DEM submitted three grant applications to the State 911 Board seeking funding for these two components in the accumulative amount of \$10,812,551. In April 2008 the County was awarded grant funding for these two components in the accumulative grant amount of \$6,562,951 with a County match of \$4,250,000 in support of the County's NG911 Project initiative. In May 2008 the Board of County Commissioners at its May 20, 2008 meeting approved the grant award of \$6,562,951 and to encumber the matching funds of \$4,250,000 out of existing non-advallorem 911 funds. Subsequently, DEM added component III (Call routing) to take

## Attachment /

advantage of emerging technologies in routing callers based on their geographic location instead of a static address and to utilize non-advalorem 911 reserves.

Since the grant award and County approval of the NG 911 Project initiative, DEM has aggressively pursued implementation efforts to realize this initiative. These efforts included (1) the selection of a consulting firm in November 2008, via the County's procurement process, to assist DEM with the development of the scope of work of the new system, the development of NG 911 request for proposals process, and technical assistance to the NG 911 Selection Committee on the selection process and review of prospective bidders; (2) the issuance of a request for proposal, via the County's procurement process, in June 2009 for the NG 911 system; (3) the ultimate selection of two vendors in December 2009, AT&T and Intrado, via the County's procurement process, to implement the NG 911 system.

DEM has now reached another threshold on its NG 911 Project initiative and is respectfully seeking the Board of County Commissioners approval of three contracts to allow DEM to begin the implementation phase. The contract with Intrado would facilitate the installation of the customer premise equipment. The contract with AT&T would facilitate the installation of the necessary network system. The contract with Kimball would provide the County with the support, project management and oversight necessary for a successful implementation of the NG 911 Project initiative. Once all three contracts are approved the NG 911 Project initiative will be implemented within an eighteen (18) month timeframe. Such project implementation would entail the installation of equipment, network, training, testing, functionality and project oversight on all the existing 22 PSAPs currently operated by the Sheriff's Office, Palm Beach County Fire Rescue and multiple municipalities within the County of the new NG 911 system.

Attached is a comparison chart showing the capacity of the current 911 system and the proposed enhancements of the NG 911 system.



### PALM BEACH COUNTY 911 SYSTEM COMPARISON

<i>CURRENT 911 SYSTEM</i>
Selective Call Routing
Automatic Telephone Number Identification (ANI)
Automatic Location Information (ALI)
911 Landline Voice Calls
Limited 911 Cellular Phone Capability – No 911 Cell Phone Location
Telecommunications Device for the Deaf (TDD) Accusable
Copper Based Connectivity
Lightening Vulnerable
Slow Call Set-Up Times Per Call
Limited Redundancy
Voice Only
No Growth Capabilities
Unable to Connect to Newer Communication Devices
Inflexible Call Routing
Equipment/Software 20 Years Old

<i>PROPOSED NEXT GENERATION 911 SYSTEM</i>
Selective Call Routing
Automatic Telephone Number Identification (ANI)
Automatic Location Information (ALI)
911 Landline voice Calls
System will geographically identify location of 911 calls
Telecommunications Device for the Deaf (TDD) Accusable
Fiber Optic Connectivity
Not Vulnerable to Lightening
Rapid Call Set-Up
Fail Safe Network Design
Fully Redundant System
Regional Network Capability
Fail Safe Design
Text Messaging
Calls and Information from Telematics such as On-Star
Enable Enhanced 911 Calls from any Networked Communication Device – i.e.: E-Mail, Video
Provides Redundant P.S.A.P.s
Flexible Call Routing Based on Geographic Location