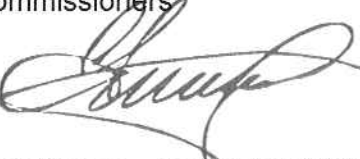


# Memorandum



**Date:** December 19, 2012

**To:** Honorable Vice Chairwoman Audrey M. Edmonson and Members  
Board of County Commissioners

**From:** Carlos A. Gimenez   
Mayor

**Subject:** Elections After Action Report – November 6 Presidential Election

---

For your review, attached is the After Action report for the November 6<sup>th</sup> Presidential Election prepared by the Supervisor of Elections. This report will be presented for review and consideration to the Elections Advisory Group on January 7, 2013 at 9am. The work of the Advisory Group will continue through January and a report with findings and recommendations will be finalized at that time for a presentation to the Board of County Commissioners.

If you have any questions, please call me directly or Penelope Townsley, Supervisor of Elections at 305-499-8509.

Attachment

c: R. A. Cuevas, Jr., County Attorney  
Alina T. Hudak, Deputy Mayor  
Penelope Townsley, Supervisor of Elections  
Elections Advisory Group Members

# Memorandum



**Date:** December 19, 2012

**To:** Honorable Carlos A. Gimenez  
Mayor

**From:** Penelope Townsley  
Supervisor of Elections

**Subject:** After Action Report – November 6, 2012 General Election

At the conclusion of the November 6, 2012 General Election, my staff and I began to assess the planning and operational aspects of conducting this election. As is true with every election, important lessons were learned and improvements will be made in the best interest of our voters.

This After Action Report addresses the challenges experienced within the three methods of voting – Early Voting, Absentee Voting, and Election Day. Analyses of the General Election activities were conducted to identify opportunities for process improvements and technology enhancements. The executive summary highlights our priority findings and recommendations both administrative and legislative in nature. Detailed information regarding these, as well as other recommendations are included in the body of this report.

## Executive Summary

Miami-Dade County operates the largest and most complex election operation in the state of Florida, organizing logistics across a region that exceeds 2,400 square miles. The number of Miami-Dade voters who participated in this year's General Election exceeded all other counties in the state, as illustrated below:

LARGE COUNTY STATISTICAL COMPARISONS			
County	Total Registered Voters	Total Votes Cast	Overall Turnout Percentage
Miami-Dade	1,313,850	888,033	67.59%
Broward	1,145,988	762,345	66.85%
Palm Beach	872,114	602,956	69.13%
Hillsborough	758,068	545,134	72.92%
Orange	696,027	470,192	68.08%
Duval	564,777	414,111	73.98%

In order to accommodate this number of voters and adhere to all statutory requirements, planning and preparation began in April 2012. Planning activities were performed within the constraints of the \$11,304,245 General Election budget, which includes an approved budget adjustment of \$2,359,000 to fund the additional costs of absentee ballot printing and mailing, equipment rental and upgrade, and seasonal staff resulting from the increased size of the ballot and the effects of not re-precincting. Lessons learned from the 2008 General Election, coupled with the implementation of new election laws, served as the basis for preparing Elections Department poll workers, staff, administrators and County employees.

This election was the County’s largest and one of the most complex. This is illustrated when comparing statistics to the 2008 General Election:

<b>ELECTION STATISTICAL COMPARISONS</b>		
<b>Indicators</b>	<b>2008 General Election</b>	<b>2012 General Election</b>
<b>Registered Voters</b>	1,253,428	1,313,850
<b>Total Ballots Cast</b>	872,260	888,033
<b>Ballot Pages Scanned</b>	1,751,278	4,440,165
<b>Election Day Turnout</b>	368,540	408,353
<b>Early Voting Turnout</b>	326,170	235,727
<b>Absentee Ballots Mailed</b>	207,667	310,311
<b>Absentee Ballots Returned</b>	177,550	243,953
<b>Provisional Ballots Cast</b>	3,696	2,818
<b>Precincts / Polling Locations</b>	814 / 574	829 / 541
<b>Poll Workers Trained</b>	8,292	8,900

Taking these statistics into consideration, there were many areas of review and recommendations for improvement discussed. While each operation is unique, there were a number of factors that contributed to the challenges encountered in the 2012 General Election. They are as follows:

**Ballot Length:** The length of the ballot is a significant factor that had impacts across many sections of our operation. The number of constitutional amendments was unprecedented, and the lengthy text on many of the constitutional amendments resulted in a 5-6 page ballot.

Legislative Recommendation:

- The County’s critical priorities for the 2013 Legislative Session should include limiting the state constitutional amendments to the same 75 word restriction that other ballot language must adhere to. *(Note: This recommendation was endorsed by the Mayor’s Elections Advisory Group on December 14, 2012).*

**Estimation of Voting Time:** An estimate of how long it would take to cast the 5-6 page ballot should have been further analyzed. The difficulty in estimating an average voting time was its dependence on the preparedness of individual voters. For instance, a voter who was reading the 5 page ballot for the first time would spend more time at the privacy booth than a voter who had pre-determined their ballot selections ahead of receiving their ballot. In light of this, we focused our education and outreach efforts on encouraging voters to be prepared. A methodology for estimating voting time may have yielded a better gauge for managing the wait times at Early Voting and Election Day voting locations.

Departmental Recommendation:

- Work with the Management Planning and Performance Analysis (MPPA) Division of the Department of Management and Budget and the Department of Audit and Management Services as consultancy resources to conduct process analyses whenever necessary to determine how long it takes to cast a ballot.

**Number of Early Voting Sites:** Miami-Dade County has operated 20 early voting sites since 2004 for all federal, state and countywide elections. Nonetheless, the experience of the 2012 General Election has taught us that each election requires an independent review of early voting sites. Without a doubt, more early voting sites would have helped to reduce the time voters waited in line. However, the need for additional early voting sites was not contemplated. Additionally, because the state requires that sites be designated 30 days prior to the start of Early Voting, and our inability to staff and equip additional sites, this was not an option.

Departmental Recommendations:

- Open additional early voting locations depending on the scale of the election within the guidelines set forth by the state. This will have a fiscal impact that is being reviewed and contingent upon the number of sites made available. The fiscal impact for the 2012 General Election Early Voting period is estimated at \$20,000 per site per day, based on the 5 page ballot.
- Staffing ratios and equipment should be commensurate with the scope of the election.

Legislative Recommendation:

- The County's critical priorities for the 2013 Legislative Session should include the expansion of allowable sites for use during early voting. Many of our current sites, which are limited to public libraries and city halls, are inadequate to accommodate the number of voters in Miami-Dade County. *(Note: This recommendation was endorsed by the Mayor's Elections Advisory Group on December 14, 2012).*

**Reduction of Early Voting Days:** The state's reduction of early voting days from 14 to 8 resulted in approximately 90,000 fewer early voters in 2012 compared to 2008, even though Miami-Dade County chose to offer the maximum number of hours allowable by law. Undoubtedly, the discouraging effect of long lines during Early Voting pushed more voters to Absentee Voting and Election Day. This unanticipated surge in historical voting habits, compounded by the lengthy ballot, greatly contributed to the long lines and wait times across the County.

Legislative Recommendation:

- The County's critical priorities for the 2013 Legislative Session should include extending the availability of early voting to 9 days to include the Sunday before Election Day. *(Note: This recommendation was amended from 14 days to 9 days to reflect the action taken by the Mayor's Elections Advisory Group on December 14, 2012).*

**Absentee Ballot Processing:** There were a number of challenges related to absentee voting. The Elections Department processed a record number of Absentee Ballots (ABs) for the 2012 General Election, surpassing the 2008 mailings and returns by 49% and 38% respectively. The law currently permits the canvassing of returned absentee ballots 15 days prior to Election Day. Over 74,000 ballots had been returned by the 15<sup>th</sup> day prior to the Election, putting the Department at a management and processing disadvantage with a large volume of ballots being returned on a daily basis. Our ability to canvass absentee ballots at least 20 days prior to the election would have contributed to more efficient management of the unanticipated volume, as 14,000 ballots had been returned by the 20<sup>th</sup> day prior to the Election.

Over 55,000 absentee ballots were received the day prior to and on Election Day. This challenged staffing resources especially since only 60 of the 150 hired seasonal workers assigned as absentee ballot openers consistently worked as scheduled. The remaining 90 did not consistently show up to work as the workload required. In order to process all of the absentee ballots, operations ran 24 hour days, which required staff who did remain committed to work exhaustively.

In addition, the automated absentee ballot processing unit that sorts all incoming and outgoing ballots experienced a 12 hour mechanical breakdown at 2:30 a.m. the morning of Election Day. This was a contributing factor to election night results being reported on Thursday, November 8, at noon.

Departmental Recommendations:

- Review available technologies that can improve the internal processing of absentee ballots, such as automated signature verification software and advanced mail ballot processing equipment. Also, establish stronger contingency plans for mechanical breakdowns. This will have a fiscal impact, and a budget request will be submitted accordingly.
- Increase seasonal staffing levels to account for 24 hour operations along with increased capacity for space and phone licensing. This will have a fiscal impact, and the department will submit a budget request accordingly.
- Continue to communicate with Miami-Dade County representatives at the USPS to ensure swift and successful ballot delivery for future elections.

Legislative Recommendations:

- Extend the number of days the Supervisor of Elections is permitted to canvass absentee ballots from the current 15 days prior to Election Day to 20 days prior to Election Day. *(Note: This recommendation was endorsed by the Election Advisory Group on December 14, 2012).*
- Discontinue the term “absentee ballot” and replace it with the more accurate term “Vote by Mail.” *(Note: This recommendation was endorsed by the Mayor’s Elections Advisory Group on December 14, 2012).*

**Polling Place Process Inefficiencies:** Inefficiencies in the Election Day voter check-in process was a factor that significantly contributed to long lines and wait times experienced at some precincts, especially those affected by the decision to not re-precinct. Currently, the Election Day voter check-in process is performed using preprinted precinct registers. Poll workers review a number of pages to look up the voter after which, the voter is required to sign in. When there is a question regarding a voter’s eligibility, this manual process requires poll workers to look the voter up on a laptop containing a static database or call the Department’s central phone bank (Election Central) for verification. The call volume on Election Day exceeded 7,000 calls, causing delays and bottlenecks at precinct check-in, further exacerbating the wait time.

Departmental Recommendations:

- Research available technologies to automate the voter check-in process using electronic poll books for implementation prior to the next Presidential Election. This will have a fiscal impact, which is being reviewed, and a budget request will be submitted accordingly.

**Additional Polling Place Inefficiencies:** Other factors included the time required to deploy additional equipment, call volume from precincts causing delays for poll workers trying to reach our call center (Election Central) for assistance, and the ability of some Clerks to manage their polling place.

Departmental Recommendations:

- Explore the use of handheld field technology that may be integrated with the existing inventory and tracking system to enhance accountability in as-needed equipment deployment. This will have a fiscal impact, which is being reviewed, and a budget request will be submitted accordingly.
- Equipment allocation should ensure a minimum of two scanners at each precinct.
- Utilize geographically stationed deployment centers around the county to respond to equipment needs expeditiously.
- Engage senior-level County employees to support the management of polling locations during Presidential Elections. This recommendation may have a fiscal or operational impact that will be assessed.
- Hire additional staff to answer calls in Election Central in order to reduce hold times for poll workers in need of assistance. This will have a fiscal impact, which is being reviewed, and a budget request will be submitted accordingly.
- Reinforce the importance of communication from troubleshooters about resource needs at their assigned polling locations.
- Conduct separate training classes for poll deputies prior to a presidential election with emphasis on line management.
- Include operational needs assessment in Election Day Clerk trainings; empower Clerks to make recommendations regarding equipment and staffing needs.
- Research software technology to systematically track and evaluate poll worker attendance and performance. This will have a fiscal impact, which is being reviewed, and a budget request will be submitted accordingly.

**Not Re-Precincting:** The decision to postpone re-precincting after redistricting and prior to this election was made in the best interest of voters in order to minimize disruption and limit confusion regarding where they vote on Election Day. More than a quarter of our voters would have been relocated to a new polling location had we done so. In preserving that convenience for our voters, “split” precincts were created across the county whereby multiple ballot variations (styles) existed in a single polling location. Typically, all voters in a single precinct receive the same ballot style in a General Election. However, once redistricting was complete, different district lines were created within a single precinct causing voters from that precinct to have different elected representatives. This meant that voters with different ballot styles were assigned to the same polling location. To ensure voters in these precincts received the correct ballot style, additional quality assurance steps were put in place during check-in. This change in procedure impacted voters who are assigned to large precincts and those with the heaviest turnout.

Departmental Recommendations:

- Present our re-precincting plan to the Board of County Commissioners in 2013 for approval. This plan will more equitably distribute the voting population across precincts. This will eliminate split precincts and help reduce wait times on Election Day in future elections.
- Research available technologies to automate the voter check-in process using electronic poll books for implementation at polling locations countywide prior to the next Presidential Election. This will have a fiscal impact, which is being reviewed, and a budget request will be submitted accordingly.

**Summary**

In summary, I am pleased to have the opportunity to provide this information to the Elections Advisory Group established to conduct a comprehensive and methodical analysis of the November 6 General Election. My staff and I have strived to provide as much information and detail as possible, within the limitations of available data, for the members to understand the complications of administering an election and make recommendations for improvement to the Board of County Commissioners. The Department will continue to perform research in other large jurisdictions nationwide that share the same challenges we face in Miami-Dade County in an effort to identify other process improvements that may be of value here locally.

I want to thank my staff for their dedication to this department and to the principles of fair and accurate elections in Miami-Dade County. While there is little doubt that important lessons have been learned from this historic election, I hope that this report also demonstrates the competence and hard work of my team in the face of great complexities and logistical challenges. I also want to thank the County departments who provided immeasurable support in staffing and preparing for this election cycle. While virtually every department provides some level of staffing inside our polling locations, there are a multitude of departments who work tirelessly in the background to help administer an election of this scope, especially the Library Department, Internal Services Department, Information Technology Department, the Fire Department, Police Department, and the Community Information and Outreach Department. Their work truly demonstrates the collective meaning of teamwork and I am proud to be among such incredible professionals.

Attachments

c: Members, Elections Advisory Group  
R. A. Cuevas, Jr., County Attorney  
Office of the Mayor, Senior Staff  
Elections Department, Senior Staff

**MIAMI-DADE COUNTY ELECTION DEPARTMENT  
NOVEMBER 6, 2012 GENERAL ELECTION – AFTER ACTION REPORT**

---

***Early Voting***

***Preparation***

While early voting began on October 27, preparations began months prior. In conducting mock elections for training, an analysis was conducted of the time needed to print the 5-6 page ballot in anticipation of voter turnout for the General Election. The technology that we currently use, Ballot-on-Demand (BOD), prints a voter-specific ballot in real time after the voter checks in. Our analysis concluded that each printer could generate 425 ballots every 12 hours.

Based on the highest early voting turnout from the 2008 General Election, we determined that it would not be feasible to print all pages of a voter's ballot given anticipated voter turnout. As there were 105 different ballot styles for this election, we decided to pre-print ballot pages 2-4 which were common to all voters, and only have the BOD print pages 1 and 5. Voters received the common pages at the check-in station and their precinct-specific ballot pages at the BOD printer ballot distribution area. This process reduced the print time for each complete ballot set and helped to reduce wait times at the ballot printers at all early voting sites.

A habit of many voters during a presidential election is to vote only the federal races which appear on the first page of the ballot. These voters were still required to scan the 4-5 "blank" ballot pages, which required voters to interact with the scanner to confirm their intent to cast each blank ballot page or return to the voting booth to finish voting. While this allows voters the opportunity to cast a vote they may have overlooked, it is a time consuming process that staff identified as a potential bottleneck prior to the start of early voting. Training procedures were modified to require poll workers to explain this requirement to voters in advance, and a notice was posted at the scanner to help this process move more quickly.

As voter turnout began to increase during the initial early voting period, my staff worked with the Community Information and Outreach Department to produce a video that would help voters understand the early voting procedures. This video was displayed to voters while they waited in line, and emphasized the process of interacting with the scanner if a blank or over voted ballot page was cast. This was in an effort to make their voting experience more expeditious inside the polling room and during the scanning process.

In addition to mailing sample ballots to each voter's household, 400,000 sample ballots were printed and distributed to every site in order to ensure that every voter in line had a sample ballot to review in preparation for making their voting choices. The wait times for all 20 locations were updated every hour on the main page of our website, based on the real time it took the last voter in line to enter the early voting room. The distribution of water and ice during early voting was well received by voters waiting in line. The deployment of County employees who served as Goodwill Ambassadors also assisted in keeping voters informed. As the lines grew at some of our busiest sites, additional County employees were deployed to help support the voters in line and those who needed assistance to vote.

***Early Voting Equipment Deployment and Turnout***

Decisions about the deployment of equipment for early voting were based on the amount of space at each site, and the available equipment. The Department owns 51 BOD printers, and we explored the potential of renting additional BOD units. However, the vendor was not willing to provide that as an option.

The reduction in number of trained staff support was based on an internal decision to adhere to our approved budget. The table below summarizes the deployment of resources at all 20 early voting sites. Overall, there was an increase in equipment deployed over 2008 levels.



**MIAMI-DADE COUNTY ELECTION DEPARTMENT  
NOVEMBER 6, 2012 GENERAL ELECTION – AFTER ACTION REPORT**

<b>EARLY VOTING RESOURCE DEPLOYMENT (2008 vs. 2012)</b>					
<b>Resources</b>	<b>2008 (Final)</b>	<b>2012 (Original)</b>	<b>2012 (Net Add)</b>	<b>2012 (Final)</b>	<b>Net Change</b>
Optical Scanners	<b>124</b>	156	33	<b>189</b>	52%
Privacy Booths	<b>622</b>	1,090	78	<b>1,168</b>	88%
Evid Check-in stations	<b>107</b>	97	1	<b>98</b>	<b>- 8%</b>
BOD Printers	<b>50</b>	49	1	<b>50</b>	0%
Staff	<b>558</b>	450	79	<b>529</b>	<b>- 5%</b>
<b>Voter Turnout</b>	<b>326,170</b>			<b>235,727</b>	<b>- 28%</b>

Evid check in technology is used at all early voting locations. Evids are electronic poll books that allow a voter to swipe a driver's license for a quick and efficient check-in. The Evids are connected to the BOD printers so that, once a voter checks in, their specific ballot will be printed at a different station.

We learned from the 2008 election that the ratio of Evids to BOD printers is important in order to prevent a bottleneck at the printer. Only 2 Evids should be connected to a printer. This is why the table reflects the number of Evids allocated in 2012 was slightly less than in 2008.

Occasional delays were observed at ballot distribution tables when BOD printers needed to be serviced to clear paper jams or replace paper and toner. During these times, early voting staff slowed down the check-in process to avoid backups at the ballot distribution tables when ballot printing was interrupted. One additional Evid check-in station was deployed during early voting at the North Miami Public Library because an additional BOD printer had been added. As stated above, it is important to maintain a balance between the number of Evid voter check-in units and BOD printers in order to prevent a bottleneck at the printer.

Countywide, an additional 78 privacy booths, 33 scanners, and 79 poll workers were deployed during the last five days of the early voting period as summarized in the above table. The factors considered in assessing how much equipment to add at each site included the type of equipment needed, available space at the site, and the available staff trained to support the equipment. Attachment 1 illustrates the original equipment allocation at each early voting site, and the additional scanners and voting booths that were deployed at those locations. Additionally, some locations were completely reconfigured to allow for more equipment and staff:

- On October 30, the North Miami Library was reorganized and 24 privacy booths and 3 scanners were added
- On October 31, the Coral Reef Library was reorganized and 30 privacy booths and 4 scanners were added
- On November 1, the Miami Lakes Library was reorganized and 24 privacy booths and 3 scanners were added

## **MIAMI-DADE COUNTY ELECTION DEPARTMENT NOVEMBER 6, 2012 GENERAL ELECTION – AFTER ACTION REPORT**

---

Even though Miami-Dade County chose to offer the maximum number of hours allowable by law, the state's reduction of early voting from 14 days to 8 days coupled with ballot length, impacted voter turnout. Approximately 90,000 fewer voters participated in early voting in 2012 when compared to 2008. This contributed to the long lines experienced during Early Voting, and likely contributed to the large number of voters waiting until Election Day to cast their ballot. The additional effect of ballot length reduced the number of voters who could be processed as it took voters longer to vote their ballot and to insert it into the scanner.

The size and configuration of each early voting site varies greatly, and the state's restriction on the type of facilities that may be used for early voting activities considerably limits our ability to accommodate a larger number of voters at many sites. Although the number of sites could have been increased, it was not contemplated in the planning process. Once early voting began and the need arose, the state's requirement to designate sites 30 days prior eliminated this as an option.

Evaluations of the lines and productivity at sites were conducted on a daily basis using feedback from supervisors, managers and stakeholders in the field. During this time, my senior staff and I personally visited our largest early voting sites to conduct onsite reviews of the space and capabilities of staff. It was determined that a disproportionate amount of time was spent by voters completing the lengthy ballot at the privacy booths and inserting the ballots into the scanners. While this was not unexpected, I was able to work with municipal officials and library managers to expand our space where possible and deployed available back-up equipment at each site to alleviate bottlenecks.

In addition, requests for resources were being received from different voter advocacy groups, and we provided opportunities for several groups to voice their concerns and recommendations with my office as requested. Their concerns were heard and requests for additional equipment and staff at several locations were successfully implemented where space and availability permitted.

### **Departmental Recommendations:**

- Staffing ratios should be commensurate with the complexities of the election; schedule deployment of additional equipment and staffing in the original allocation.
- Increase the number of early voting sites depending on the type of election. Presidential Elections should have the most number of sites, with gubernatorial next, and countywide elections according to historical turnout. Staff is assessing the viability of existing city halls and libraries for future use as early voting sites, in accordance with current state statute.
- Replace BOD technology with more advanced technology currently in the state certification process and purchase additional Evids to support the increased number of early voting sites for presidential elections. This technology and the related fiscal impact are described in Attachment 2 and will be included in future budget requests.

**MIAMI-DADE COUNTY ELECTION DEPARTMENT  
NOVEMBER 6, 2012 GENERAL ELECTION – AFTER ACTION REPORT**

---

**Legislative Recommendations:**

- The County's critical priorities for the 2013 Legislative Session should include an extension of the availability to 9 days to include the Sunday before Election Day. *(Note: This recommendation was amended from 14 days to 9 days to reflect the action taken by the Mayor's Elections Advisory Group on December 14, 2012).*
  
- The County's critical priorities for the 2013 Legislative Session should include the expansion of allowable sites for use during early voting. Many of our current sites, which are limited to public libraries and city halls, are inadequate to accommodate the number of voters in Miami-Dade County. *(Note: This recommendation was endorsed by the Mayor's Elections Advisory Group on December 14, 2012).*

**MIAMI-DADE COUNTY ELECTION DEPARTMENT  
NOVEMBER 6, 2012 GENERAL ELECTION – AFTER ACTION REPORT**

***Absentee Voting***

The Elections Department processed a record number of Absentee Ballots (ABs) for the 2012 General Election, surpassing the 2008 mailings and returns by 49% and 38% respectively. In conformance with the law, Absentee Ballots were mailed to overseas voters on September 22 and to domestic voters on October 5. Leading up to the election, an average of 2,500 ballot requests were received per day - up to 7,000 on some days. The law currently permits the canvassing of returned absentee ballots 15 days prior to Election Day. Over 74,000 ballots had been returned by the 15<sup>th</sup> day prior to the Election, putting the Department at a management and processing disadvantage with the large number of ballots continuously being returned on a daily basis. Our ability to canvass absentee ballots at least 20 days prior to the election would have contributed to more efficient management of the unanticipated volume.

Outgoing and incoming absentee ballots were processed using an automated mail balloting system (Reliavote) that tracks the status of each ballot. The Department processed the longest ballot in County history, having scanned 244% more ballot pages than was scanned in 2008, as shown in the table below. Absentee voter assistance was at an all-time high, with an average of 2,000 calls received daily beginning early October – peaking at 7,500 calls on Election Day.

<b>ABSENTEE BALLOT PROCESSING</b>			
	<b>2008</b>	<b>2012</b>	<b>% Increase</b>
<b>Absentee Ballots Mailed</b>	207,667	310,311	49%
<b>Absentee Ballots Returned</b>	177,550	243,953	38%
<b>Number of Ballot Styles</b>	68	105	54%
<b>Number of Ballot Pages</b>	2	5 to 6	300%
<b>Number of Ballot Pages Scanned</b>	355,100	1,219,765	244%

Absentee Voting was also enhanced through our Supervised Voting Program. During this time, we visited 36 assisted living facilities across the County as a part of our absentee voting outreach efforts. We assisted 680 voters in casting their vote. Protecting their right to vote, in accordance with the procedures provided in state statute for supervised voting, was important in ensuring that the elderly and voters with disabilities were able to cast their vote with privacy and ease.

***Preparation***

In early Spring 2012, we realized the possibility of a 5-6 page ballot due to discussions surrounding constitutional amendments, and after communicating with municipalities interested in holding their election in conjunction with the 2012 General Election. Expansion of our existing absentee ballot processing equipment was required. Reliavote did not contain a sufficient number of inserters in order to accommodate the lengthy ballot, so staff began discussions with the vendor regarding options to procure a new inserter prior to the General Election.

A plan was outlined with the vendor to build the replacement inserter and install it between the August 14, 2012 Primary Election and the November 6, 2012 General Election. This schedule was necessary because the existing inserter was needed from June 25 to August 10 to mail ballots for the Primary Election. Extensive testing was conducted during this time including evaluations to determine the correct envelope size, component testing, assessment testing of the completed system by Elections staff, and acceptance testing after installation at the beginning of September.

## **MIAMI-DADE COUNTY ELECTION DEPARTMENT NOVEMBER 6, 2012 GENERAL ELECTION – AFTER ACTION REPORT**

---

A planning decision was made that all systems must be able to support up to an 8 page ballot set for the General Election and all future elections. Therefore, other system modifications were also required to accommodate the lengthy ballot:

- The voter registration system stores the ballot style code and the associated page numbers for each voter in an election. When a voter requests an absentee ballot, a record is passed to Reliavote that contains the page numbers of the ballot set that is to be mailed to the voter. Modifications were required to the voter registration system to expand the number of page codes the system could store from 6 to 8. The absentee ballot interface file between the voter registration system and Reliavote was also modified to increase the number of pages per style from 5 to 8.
- The Ballot Order Tracking (BOT) system required modifications to expand the ballot order page numbers from 5 to 8 pages. The BOT system generates a ballot order for Internal Services Department (ISD) Print Services to import into their system. The ballot order contains the quantity of ballot pages to print for each ballot style and the number of ballot sets that are to be collated. The BOT system is also used to record the inventory of ballot pages and ballot sets delivered from ISD after printing.
- The absentee ballot scanning capacity was increased by 50% by renting 3 additional high speed scanners (M650s) to supplement the existing 6 scanners.
- Absentee ballot envelopes were redesigned and return postage provided

### ***Mailing of Absentee Ballots***

In July, the Department met with United States Postal Service (USPS) representatives, as is customary, to discuss the high volume of ballots we were going to mail for the Primary and General Elections. They were advised of the procedures we have in place to contact them prior to delivering the ballots so they are aware and properly staffed. During the General Election cycle however, we experienced a number of issues with the USPS.

- High volume of mail belonging to other states and counties: The week of October 16, the USPS was alerted that we were receiving approximately 150 ballots a day belonging to other counties and states. The USPS indicated the postal workers were looking at the elections mail logo instead of the address where the ballot was to be delivered. They indicated this was a training issue and they would handle it accordingly. Although the volume minimized, we advised them that this issue continued through Election Day.
- Delays in Delivery of Ballots: The Department began receiving calls from voters indicating they were not receiving their ballots, which caused us to issue duplicate ballots to these voters. The USPS was contacted and explained they had a high volume of campaign mail. The local ballots were taking 1 to 3 days and the out-of-state 3 to 5 days to deliver due to the volume. We advised this was unacceptable and the USPS managers agreed to communicate with the various post offices to alleviate this issue.
- Undelivered ballots returned to Elections: On November 2, fifty-two (52) ballots were returned to the department undelivered. The USPS was alerted and indicated that they would research the problem and contact us. On November 5, the ballots were, again, taken to the USPS for delivery. USPS representatives could not determine specifically what caused the error; however, they acknowledged it was an isolated incident in which staff inadvertently placed the ballots in the incoming instead of the outgoing mail trays.

**MIAMI-DADE COUNTY ELECTION DEPARTMENT  
NOVEMBER 6, 2012 GENERAL ELECTION – AFTER ACTION REPORT**

---

***In-Person Absentee Voting and Ballot Drop-Off***

The Department has always provided voters the opportunity to obtain their absentee ballot in person, and in previous years, the highest volume of in-person absentee ballot requests occurred the Monday prior to and on Election Day. However, during this election cycle, the demand for in-person absentee voting began on October 9, almost four weeks prior to Election Day. The Department began servicing approximately 100 voters per day to pick up and cast their ballot. Because of the limited space in the Elections headquarters and satellite office, the efficiency of managing such a high volume process was closely monitored. Procedures and space were modified as needed in order to accommodate voters, and the number of voters continued to increase daily until the commencement of early voting.

After early voting concluded, more than 400 people per day arrived at Elections headquarters between Sunday and Election Day to request and cast an absentee ballot in person. A separate operation was set-up for voters wishing to drop off their ballots in person. The unprecedented number of voters returning ballots on the Monday prior to and on Election Day was significant, and staff acted quickly to enhance operations and add staff to minimize the wait time for returning ballots. We serviced more than 12,000 voters between Sunday and Election Day between those voting in office and returning ballots in person.

***Processing of Absentee Ballots***

In 2008, the State did not require that absentee ballots received on Election Day be canvassed and reported in the Election Night results. Prior to 2012, ballots received late on Election Day were canvassed and tabulated the day after the election and reported in the first set of unofficial results. In 2012, the state directed that, after the initial reporting of ballots tabulated prior to Election Day and during Early Voting, all absentee ballots received must be canvassed and results updated every 45 minutes until complete.

This directive required the County's Canvassing Board to work from 3:00 p.m. on Tuesday, Election Day until 5:00 p.m. on Wednesday. This directive and the length of the ballot placed a heavy burden on the ballot processing and tabulation operations to complete the processing of 26,262 ballots received on Monday plus 17,730 ballots received on Election Day for a total of 43,992 via mail. Additionally, approximately 12,000 ballots were processed through in-person drop off for a total of 55,992 ballots that were received from all sources.

<b>STATE CANVASSING &amp; RESULTS REPORT REQUIREMENTS</b>		
<b>Reporting Deadlines</b>	<b>2008 State Requirements</b>	<b>2012 State Requirements</b>
<b>First Results Reporting Requirement (Early Voting and Pre-Election Day Ballots)</b>	By 7:45 p.m.	7:15 p.m. and 7:30 and every 45 minutes until complete
<b>Canvassing Requirement - Ballots Received on Election Day</b>	Canvassing Board Discretion	Continuously, until all ballots have been canvassed
<b>Completion of Election Day Tabulation</b>	Wednesday - 5:00 p.m.	Thursday - 12 noon
<b>State Reporting Deadline for 1<sup>st</sup> Set of Unofficial Results</b>	Saturday – 12 noon	Saturday – 12 noon
<b>Absentee Ballots Cast</b>	177,550	243,953
<b>Total Ballot Pages Scanned</b>	355,100	1,219,765

**MIAMI-DADE COUNTY ELECTION DEPARTMENT  
NOVEMBER 6, 2012 GENERAL ELECTION – AFTER ACTION REPORT**

The Reliavote sorter is used to process returned ballots and to sort outgoing ballots. Outgoing ballots are sorted into zip code groups and scanned to capture the mailing address image. Incoming ballots are processed through the sorter three times - signature scan, rough sort to precinct groupings, and lastly, fine sorted/sliced to the individual precinct level.

There are a number of specific steps involved in the Reliavote automated processing of absentee ballots. Each step requires a variable amount of time, depending on the number of ballot pages being processed. The table below describes the approximate times in each step to process 50,000 ballot pages, or approximately 10,000 ballot envelopes for the General Election. It takes approximately 20 hours of system processing and 7 hours of manual processing utilizing approximately 139 employees and 668 man-hours to prepare 10,000 returned absentee ballots for tabulation.

<b>ABSENTEE BALLOT PROCESSING STEPS – 10,000 BALLOTS</b>					
<b>Step</b>	<b>Description</b>	<b>System Processing Time</b>	<b>No. Staff</b>	<b>Manual Process</b>	<b>Staff Hours</b>
<b>Step 1</b>	Scan Incoming Mail – Reliavote	2 hours	2	0	4
<b>Step 2</b>	Export Signatures – Reliavote	4 hours	0	0	0
<b>Step 3</b>	Signature Review – AB Staff	0	20	2 hours	40
<b>Step 4</b>	Sorting & Slicing – Reliavote	6 hours	3	0	18
<b>Step 5</b>	Opening – AB Staff	0	90	5 hours	450
<b>Step 6</b>	Scanning – Tabulation Staff	7 hours	22	0	154
<b>Step 7</b>	Uploading Results – Tabulation Staff	1 hour	2	0	2
<b>TOTAL:</b>		<b>20 hours</b>	<b>139</b>	<b>7 hours</b>	<b>668</b>

At 2:30 a.m. on Election Day approximately 35,238 ballots remained to be processed when the Reliavote sorter experienced a 12 hour mechanical breakdown. We engaged the vendor in parallel approaches to repair the sorter equipment: 1) the broken part was taken to a nearby American Express facility for rebuilding, and 2) a new part was ordered via express shipping. The 12 hour productivity loss negatively impacted our ability to meet our goal to upload final Election Day results on Wednesday night.

When there are large volumes of ballots to both mail and return, the sorter becomes the critical resource. The outgoing and incoming processes may take several hours to complete. Delays put the Department at risk of not meeting statutory deadlines to mail ballots and maintain internal tabulation schedules. Staff is currently analyzing replacement of the current ballot sorter with two sorters that will provide significant performance improvements and eliminate the resource dependence between outgoing and incoming ballot processes during major elections. Having two sorters will also provide redundancy during the critical days before Election Day when ballot volumes are high and processing deadlines are pressing. Attachment 2 illustrates the potential productivity enhancements with the purchase of newer sorter technology.

An important step in the absentee ballot process is the manual verification of a voter's signature on the ballot certificate envelope. This process requires substantial resources of up to 100 seasonal employees. In recent years, the Department researched the possibility of implementing automated signature verification software to streamline this process. Extensive testing was conducted with the vendor; however, after several discussions major concerns were noted with the acceptance rate and confidence level of the signature verification solution. The Department recently contacted other jurisdictions that use such a system, and continues to explore the feasibility of using an automated system to verify signatures on absentee ballots. We are

## **MIAMI-DADE COUNTY ELECTION DEPARTMENT NOVEMBER 6, 2012 GENERAL ELECTION – AFTER ACTION REPORT**

---

exploring several options to provide the highest acceptance rate and confidence level. This is further described in Attachment 2.

### ***Staffing Challenges***

The Elections Department currently has 91 full time positions; a reduction of 29 employees from 2008. In conducting countywide elections, especially one of this magnitude, full time employees become critical in supervising up to 1,000 seasonal employees. The Absentee Ballot section uses the highest number of seasonal employees, up to 300, for the data entry; voter registration; absentee ballot; and customer service aspects of voter services.

Hiring seasonal employees has many challenges, as applicants do not find these positions attractive due to the short length of the assignment and their concerns with reestablishing interrupted unemployment benefits. Retention of seasonal employees that we successfully hire is another challenge. Our seasonal employees are eligible to apply for permanent County positions in other departments, and leave the Department for permanent positions elsewhere. This contributes to the loss of experience and organizational knowledge, and a loss of productivity due to the time required to complete the recruitment and hiring process and train replacement staff.

Another challenge is the fatigue factor. The inability to recruit and hire a sufficient number of dependable seasonal employees increases the need for committed staff to work numerous hours of overtime. Current staffing levels do not allow for shift work to support 24 hour operations when there is a demand. While we do not have sufficient space with the required infrastructure to house seasonal staff during major election cycles, this is addressed by securing space in other County department buildings. These partnering efforts have been invaluable during major elections.

### **Departmental Recommendations:**

- Anticipate budgetary needs to increase the number of full time and seasonal employees to implement 24 hour operations when necessary to meet demand of large scale elections (e.g. presidential, gubernatorial).
- Expand recruiting opportunities to more aggressively target employment agencies such as the South Florida Workforce Investment Board, as well as local high schools, colleges and universities, and job fairs.
- Establish stronger contingency plans for mechanical breakdowns of equipment; the Department will seek budgetary approval to modify the Reliavote contract to include 24 hour maintenance support during major elections.
- Increase capacity for space and phone licensing to engage a larger number of call takers to effectively manage high call volumes.
- Research and procure an automated signature verification solution compatible with the Department's Voter Registration and Absentee Ballot processing systems.
- Purchase one replacement Reliavote sorter, and purchase or lease an additional sorter, so outgoing and returned ballots can be processed simultaneously and help to resolve the sorter bottleneck in an election of this magnitude. The fiscal impact is described in Attachment 2.



**MIAMI-DADE COUNTY ELECTION DEPARTMENT**  
**NOVEMBER 6, 2012 GENERAL ELECTION – AFTER ACTION REPORT**

---

**Legislative Recommendations:**

- The County's critical priorities for the 2013 Legislative Session should extend the number of days the Supervisor of Elections is permitted to canvass absentee ballots. *(Note: This recommendation was endorsed by the Mayor's Elections Advisory Group on December 14, 2012).*
  
- The County's critical priorities for the 2013 Legislative Session should include changing the term "Absentee Voting" to "Vote by Mail" to more accurately reflect the voting method. *(Note: This recommendation was endorsed by the Mayor's Elections Advisory Group on December 14, 2012).*

**MIAMI-DADE COUNTY ELECTION DEPARTMENT  
NOVEMBER 6, 2012 GENERAL ELECTION – AFTER ACTION REPORT**

***Election Day***

***Preparation***

Preparations for Election Day voting began months in advance, particularly with poll worker training and equipment preparations.

- Training for over 8,900 poll workers began just days after the August Primary
- The Election Ready outreach campaign shifted focus from the Primary election to begin educating voters about the length of the ballot and how to prepare
- Sample ballots were mailed to every voter’s household and distributed at outreach events
- A memorandum sent to the Board on October 18 requested assistance to educate voters in every district about the importance of voter preparedness and our anticipation of long lines. My office also distributed it to municipalities, candidates, political parties, and to the state Division of Elections in order to request assistance in educating voters and candidates about the importance of preparedness.
- Extensive testing of election equipment and quality assurance was conducted in all levels of the operation

***Equipment Allocation***

Before any functional or programmatic testing can be conducted, the Department must consider assumptions for the allocation of Election Day equipment. In preparation for the General Election, a decision was made to take into consideration the historical habits of Miami-Dade voters who have increasingly voted before Election Day. Assumptions were modified to anticipate a similar number of Election Day voters who turned out in prior presidential elections where early voting and absentee voting were both in place.

The 2008 presidential election had 30% voter turnout on Election Day. Equipment allocation assumptions for Election Day in the 2012 General Election were slightly increased to 35% of total registered voters. As reported below, Election Day turnout shows our assumptions were consistent. Election Day equipment allocation countywide is reflected in Attachment 3. While we relied on historical voting habits and encouraged voters to vote early and by mail, we did not anticipate the ramifications of the 5 page ballot.

<b>HISTORICAL VOTER TURNOUT BY VOTING METHOD</b>								
<b>Election</b>	<b>Total Registered Voters</b>	<b>AB Voters</b>	<b>%</b>	<b>ED Voters</b>	<b>%</b>	<b>EV Voters</b>	<b>%</b>	<b>Overall Turnout %</b>
<b>11/07/00 General</b>	<b>909,456</b>	<b>45,692</b>	<b>5</b>	<b>608,167</b>	<b>67</b>	<b>N/A</b>	<b>-</b>	<b>72</b>
<b>11/02/04 General</b>	<b>1,058,799</b>	<b>101,062</b>	<b>10</b>	<b>433,824</b>	<b>41</b>	<b>244,067</b>	<b>23</b>	<b>74</b>
<b>11/04/08 General</b>	<b>1,253,428</b>	<b>177,550</b>	<b>14</b>	<b>368,540</b>	<b>30</b>	<b>326,170</b>	<b>26</b>	<b>70</b>
<b>11/06/12 General</b>	<b>1,313,850</b>	<b>243,953</b>	<b>19</b>	<b>408,353</b>	<b>31</b>	<b>235,727</b>	<b>18</b>	<b>68</b>

As previously stated, the decision to postpone re-precincting prior to this election created “split” precincts across the county where multiple ballot styles existed in a single polling location. The department allocated a separate optical scanner for each split precinct, which is necessary for reporting requirements. We received reports from the public that scanners were sitting idle in some precincts. After assessment, we were able to confirm that the separate programming and allocation of scanners unique to split precincts created the misperception that some ballot

**MIAMI-DADE COUNTY ELECTION DEPARTMENT  
NOVEMBER 6, 2012 GENERAL ELECTION – AFTER ACTION REPORT**

---

scanners were underutilized while others were being over utilized. The Department’s re-precincting plan will eliminate this issue.

Based on our assessment of equipment needs, in May the Department requested and received budget approval to lease an additional 200 optical scanners. However, in an abundance of caution, we negotiated with the vendor to ship 400 units with the agreement that if we did not need all of them and they remained unopened, we would not be charged for them. 200 units were opened, programmed and deployed during Early Voting, and prepared for redeployment as back up units on Election Day as described below.

In an attempt to be proactive, an analysis was conducted on the last day of early voting to identify Election Day polling locations with the highest number of registered voters and the fewest number of early and absentee ballots cast, with the expectation that those precincts would have a high Election Day turnout. A total of 41 precincts were identified and one additional scanner (from the back up units) for each precinct was deployed on the morning of Election Day.

As a result of staff analysis and feedback received throughout Election Day, we developed a plan to deploy an additional 126 ballot scanners. In total, 167 scanners were prepared for deployment. This information is referenced in Attachment 3. Staff was able to confirm that 66 scanners were delivered and put into operation. While we believe the additional 101 scanners were delivered, the transfer of custody forms normally used to validate delivery were not available. Accountability procedures were followed inconsistently. This is an area that requires additional controls, and emphasis will be placed on the importance of this for future elections.

***Election Day Activities Analysis***

Miami-Dade County manages 829 precincts at 541 polling locations across the County. The Election Board is the team of poll workers who have different responsibilities at these sites, as shown in the table below.

<b>ELECTION BOARD POSITION DESCRIPTIONS</b>		
<b>Position</b>	<b>Staffing</b>	<b>Job Description</b>
<b>Clerk</b>	<b>1</b>	<b>Responsible for the management of the entire polling place and all voting activities; exercises to determine what activities are disruptive to voters.</b>
<b>Assistant Clerk</b>	<b>1</b>	<b>Assists the Clerk in any capacity.</b>
<b>Election Specialist (ES)</b>	<b>1</b>	<b>Responsible for optical scan equipment and voter eligibility verification. Transports voted ballots &amp; media. All are County employees.</b>
<b>Poll Deputy</b>	<b>1</b>	<b>Manages the solicitation boundary outside the polling place.</b>
<b>Inspector</b>	<b>5-10</b>	<b>Check-In, Ballot Distribution, Privacy Booths, Optical Scanners. The number of Inspectors varies based on the size of the precinct.</b>

Precinct Clerks have a great deal of responsibility in the management of a polling location. The laws that govern voting in Florida require the use of many different affirmations, certificates, and other paperwork necessary to ensure the integrity of the voting process and protect the rights of voters. A poll worker can only become a Clerk with Election Day experience, and the more experience a Clerk gains, the more valuable they become to the Department.

## **MIAMI-DADE COUNTY ELECTION DEPARTMENT NOVEMBER 6, 2012 GENERAL ELECTION – AFTER ACTION REPORT**

---

The feasibility of adding senior-level County employees to further support polling place management will be explored. Utilizing County employees to support the management of polling locations for future elections will improve overall dependability and effectiveness. While County employees are used as poll workers in certain capacities, they only comprise about 16% of the staffing for a presidential election and their responsibilities are technical rather than management-focused. We will work with other County departments to identify senior level managers who can support this effort.

On Election Day, my senior staff and I received a high volume of calls from staff, political parties, candidates, and other stakeholders who provided feedback about the voting experience in the field. My staff met with these groups in advance and provided direct contact numbers so that we could receive information and be able to quickly respond to concerns throughout the day. To do so, a team of 61 Administrative Troubleshooters (ATs) were trained and deployed to serve as our eyes and ears on Election Day. ATs were assigned 10-12 polling locations for issues arising throughout the day. They were trained in all poll worker positions so they could identify where procedures were not being followed and ensure on-the-spot training as needed. For an election of this magnitude, additional resources should be allocated in order to deploy a more extensive network of troubleshooters, reducing response times.

### ***Voter Distribution Among Precincts***

It is clear that the number of registered voters is spread inconsistently across polling locations countywide. The largest 25 polling locations range from a minimum of 4,803 voters up to a maximum of 8,745 voters at one location. The smallest polling location in Miami-Dade County has only 90 voters. However, while the average number of voters per voting location is 2,380; only 28 of our polling locations have between 2300 and 2400 voters. With those broad variations, it is understandable why some locations had a smooth operation and others had challenges.

Every ten years, federal, state, and local reapportionment takes place after the decennial census. While the Board of County Commissioners adopted their local redistricting plan on December 19, 2011, the state was not cleared by the courts to put their new district maps into effect until April 30, 2012. In early April, the Department began conducting a thorough analysis of voter distribution among all polling locations and developed a comprehensive re-precincting plan.

This project targeted the deletion of all split precincts, thereby reducing the number of ballot styles and the risk of distributing the wrong ballot. This plan also redistributed voters to nearby new or existing polling locations in order to reduce the number of voting locations and travel time. Voter distribution was based on historical Election Day voter turnout.

This was an aggressive plan during a year of reapportionment, which could have caused voter confusion during a high turnout election. Consequently, several County Commissioners expressed concerns regarding the timing of the plan. As a result, the Department recommended delaying re-precincting until 2013 to avoid voter confusion and inconvenience and during a major election year.

The Department's approach to re-precincting in 2013 will target the deletion of split precincts and create a uniform distribution of total registered voters across the County. Ideally, the maximum registered voter count per precinct/polling location would be 2,500. This would result in approximately 520 precincts/polling locations across the County, based on the current 1.3 million registered voters. There may be an increase in precincts/polling locations depending on the number of voters within the constraints of current district/boundaries. This will be thoroughly analyzed and a plan presented to the Board for approval in the upcoming year.

## MIAMI-DADE COUNTY ELECTION DEPARTMENT NOVEMBER 6, 2012 GENERAL ELECTION – AFTER ACTION REPORT

---

This type of uniformity will improve the allocation of equipment and service to Miami-Dade voters. Additional staff will be required during the tenure of this project to ensure that all existing and new polling locations are surveyed to conform to the needs of the community and election process, as well as compliance with ADA regulations. This project will encompass a precinct by precinct grading system to evaluate criteria based on geographical location, facility size and accessibility, distance for voter to travel, and long term availability.

### ***Polls Closing Analysis***

On Election Night, one of the Clerk's responsibilities is to contact our Call Center (Election Central) at headquarters once closing procedures are complete and the Election Specialist (ES) leaves the polling place to transport voted materials to the central collection center. That is the time at which the precinct is considered "closed." Once the call is made to Election Central, the ePrecincts system captures the time of the call and reports that time as the closing time for the precinct(s).

There can be broad variations in the closing times reported to Election Central, as there are occasions where the Clerk does not call as instructed. Staff in Election Central will begin calling those locations that have not yet called in after they have heard from a majority of precincts. Once it is confirmed that the precinct has been closed, that information is updated in the ePrecincts system at that time. In these cases, it does not reflect the actual time that the precinct closed, but rather the time that Election Central learned of the closing. The following summarizes the timing of polls "closed" on Election Day according to the ePrecincts system.

- By 8:00 pm, 18% of precincts were closed
- By 9:00 pm, 62%
- By 10:00 pm, 81%
- By 11:00 pm, 90%
- By 12:00 am, 95%
- By 1:00 am, 99%
- By 2:00 am, 100%

While this is valuable information, it is important to note that the time "closed" does not reflect when the last voter voted. Therefore, we reviewed the individual results tapes for these polling places, and the data shows this is a better indicator of wait times at the end of the night and the voter's experience on Election Day. For the purposes of our analysis, we focused on when the last voter voted. This is further described in Attachment 4, and it should be noted that only six sites had voters waiting in line after midnight.

For example, Precinct 176/147 (Senator Gwen Margolis Community Center) reported a closing time of 12:24 a.m. In discussions with staff, we learned that the last voter cast their ballot around 7:30 p.m. and they were closed around 9:30 p.m. This is consistent with the time printed on the results tapes from optical scanners at that location and records of the results transmission from the collection center. Therefore, the staff there simply forgot to call and report they were closed.

A debriefing was conducted with approximately 120 poll workers who managed those polling locations that were reviewed in order to solicit their feedback regarding lines and any operational concerns. This sample group included Clerks, Assistant Clerks, and Election Specialists, who may have had unique perspectives regarding contributing factors.

There were several common themes that were identified as process and procedural deficiencies that were factors contributing to long lines:

## MIAMI-DADE COUNTY ELECTION DEPARTMENT NOVEMBER 6, 2012 GENERAL ELECTION – AFTER ACTION REPORT

---

- *Length of the Ballot.* Poll workers complained about the amount of time it took voters to vote and scan their ballots. Some poll workers noted that additional privacy booths would have helped but the space was not available.
- *Voter Eligibility Verification.* Many poll workers suggested the need for two ES's and two laptops for the voter verification process in a presidential election. This process is critical to prevent double voting. The call volume in Election Central was very high and poll workers became frustrated waiting on hold while voters waited in line. When a voter is not listed in the precinct register or there is a question regarding a voter's eligibility, poll workers must call Election Central. The implementation of countywide electronic check-in technology will eliminate the need to verify voter eligibility through the Election Central.
- *Voter Check-In.* Each precinct receives one set of pre-printed precinct registers that are divided into 3 groups by surname (A-G), (H-O), and (P-Z) in an effort to speed up check in. However, at some locations the line for one group was very long while the line for another was nonexistent. This led to frustrated voters and poll workers. The implementation of countywide electronic check-in technology would eliminate this problem and improve the speed and accuracy of the check-in process.
- *Polling Place Size.* The size and configuration of polling places vary greatly from one location to the next. However, the size of the room should be commensurate with the number of voters assigned to that location. Based on this feedback, square footage was a factor that was included in the analysis of polls closing and will be a criterion in future re-precincting analyses.

Interviews with the staff who managed locations that performed well (with an early closing time while also handling a high volume of voters) and the administrative troubleshooters who monitored them were conducted to determine what worked well. None of these locations reported having more than 50 voters in line at the 7:00 p.m. statutorily defined time that polls must close. There were also common themes that were stated as factors contributing to early closing:

- Poll workers commented that their team performed well – they are confident, assertive and knowledgeable. Each of them report that the staff at their polling location has been together for a number of years, so there's a sense of familiarity and comfort with each other that translates to the voters.
- Clerk improvised and/or rearranged site throughout the day to manage flow of voters and actively engaged with the Poll Deputy in managing the line outside
- Poll workers reported they were able to think innovatively and took a proactive approach to managing their polling location.

Receiving this type of positive feedback was very important. As a result, we will accommodate poll workers requests to remain with their preferred team to foster familiarity and confidence, and will modify training procedures to ensure poll workers understand the importance of managing the flow of voters and communicating resource needs to headquarters.

### **Departmental Recommendations:**

- Equipment needs to be readily available in the field for quick deployment as needed to polling places, utilizing geographically stationed deployment centers around the county.
- Equipment allocation should ensure a minimum of two scanners at each precinct.
- Explore the use of handheld field technology that may be integrated with the existing inventory and tracking system to enhance accountability in as-needed equipment deployment. This will have a fiscal impact, and a budget request will be submitted accordingly.

## MIAMI-DADE COUNTY ELECTION DEPARTMENT NOVEMBER 6, 2012 GENERAL ELECTION – AFTER ACTION REPORT

---

- Procure additional ballot scanners. An analysis of equipment needs is provided in Attachment 2. This will have a fiscal impact, and a budget request will be submitted accordingly.
- Purchase Evid technology or similar electronic check-in equipment based on the latest, state certified technologies available for implementation prior to the next presidential election. An explanation of the benefits of electronic check-in technology is also provided in Attachment 2. This will have a fiscal impact, and a budget request will be submitted accordingly.
- Purchase software technology to systematically track and evaluate poll worker attendance and performance. This will have a fiscal impact, and a budget request will be submitted accordingly.
- Hire additional staff to answer calls in Election Central in order to reduce hold times for poll workers calling to verify voter eligibility. This will have a fiscal impact, and a budget request will be submitted accordingly.
- Improve the functionality of polls closing software and develop poll worker inquiries to capture the time that the last voter cast a vote in each polling location.
- Work with the Management Planning and Performance Analysis (MPPA) Division of the Department of Management and Budget and the Department of Audit and Management Services as consultancy resources to conduct performance improvement analysis for polling place procedures and analysis of how long it takes the average person to cast their ballot.
- Reinforce the importance of communication from troubleshooters about any resource needs at their assigned polling locations.
- Conduct separate poll worker training classes for Poll Deputies prior to a presidential election that emphasizes line management and experience. This will have a fiscal impact, and a budget request will be submitted accordingly.
- Include operational needs assessment in Early Voting and Election Day Clerk trainings and empower Clerks make recommendations regarding the sufficiency of equipment and staffing allocations.
- Ensure that the appropriate supervisory/management level field assessments are performed during the early days of Early Voting.
- Engage senior-level County employees to support the management of polling locations during Presidential Elections. This recommendation may have a fiscal or operational impact that will be assessed.

### **Legislative Recommendations:**

- The County's critical priorities for the 2013 Legislative Session should include the request that state constitutional amendments be held to the 75 word limit. *(Note: This recommendation was endorsed by the Mayor's Elections Advisory Group on December 14, 2012).*
- At the county level, a comprehensive, countywide re-precincting plan should be approved by the BCC in 2013 in order to eliminate split precincts, provide a more uniform distribution of voters, and allow ample time to notify voters of this change. *(Note: This recommendation was endorsed by the Mayor's Elections Advisory Group on December 14, 2012).*

## ATTACHMENT 1 - EARLY VOTING EQUIPMENT ALLOCATION, 2012 PRESIDENTIAL ELECTION

<b>2012 General Election Equipment Allocation</b>													
<b>Early Voting Sites</b>		<b>DS200 - OPTICAL SCANNERS</b>			<b>PRIVACY BOOTHS</b>			<b>EVIDS - CHECK IN STATIONS</b>			<b>BOD - BALLOT PRINTERS</b>		
<b>Site #</b>	<b>Site Name</b>	<b>Original</b>	<b>Net Added</b>	<b>Total</b>	<b>Original</b>	<b>Net Added</b>	<b>Total</b>	<b>Original</b>	<b>Net Added</b>	<b>Total</b>	<b>Original</b>	<b>Net Added</b>	<b>Total</b>
1	North Dade Regional Library	8	3	11	100	0	100	5	0	5	3	0	3
2	North Miami Public Library	8	3	11	60	24	84	5	1	6	2	1	3
3	Lemon City Library	6	0	6	40	0	40	4	0	4	2	0	2
4	Aventura Government Center	8	0	8	60	0	60	5	0	5	2	0	2
5	Miami Beach City Hall	6	0	6	42	0	42	5	0	5	2	0	2
6	West Flager Branch Library	8	2	10	30	0	30	5	0	5	2	0	2
7	Coral Gables Library	8	0	8	60	0	60	5	0	5	2	0	2
8	South Dade Regional Library	8	2	10	70	0	70	5	0	5	3	0	3
9	Florida City – City Hall	6	2	8	30	0	30	4	0	4	3	0	3
10	West Dade Regional Library	10	2	12	75	0	75	6	0	6	2	0	2
11	W. Kendall Regional Library	8	4	12	75	0	75	6	0	6	3	0	3
12	Election Dept. (SOE Main)	8	2	10	21	0	21	5	0	5	3	0	3
13	Miami Lakes Public Library	8	3	11	35	24	59	5	0	5	2	0	2
14	SPCGC (SOE Branch)	10	0	10	100	0	100	6	0	6	2	0	2
15	Kendall Branch Library	8	3	11	55	0	55	5	0	5	4	0	4
16	Model City Library (Caleb)	8	1	9	90	0	90	5	0	5	2	0	2
17	JFK Library (Hialeah)	8	2	10	50	0	50	5	0	5	3	0	3
18	Coral Reef Library	8	4	12	45	30	75	5	0	5	3	0	3
19	City of Miami – City Hall	6	0	6	27	0	27	3	0	3	2	0	2
20	North Shore Branch Library	8	0	8	25	0	25	3	0	3	2	0	2
<b>TOTALS:</b>		<b>156</b>	<b>33</b>	<b>189</b>	<b>1090</b>	<b>78</b>	<b>1168</b>	<b>97</b>	<b>1</b>	<b>98</b>	<b>49</b>	<b>1</b>	<b>50</b>

\* While the Elections Department owns 51 BOD units, 50 units were deployed to Early Voting sites.  
The remaining unit was utilized at the Elections Department Headquarters to process in-person absentee ballots.



## ATTACHMENT 2 – TECHNOLOGICAL ENHANCEMENTS

### **Absentee Ballot Technology**

The Reliavote sorter is used in multiple steps to process absentee ballots. The sorter is the single component of Reliavote equipment used to process both outgoing and returned ballots.

Outgoing ballots are scanned to capture the outgoing envelope image and to sort the ballots in groups for pre-sorted postage discounts. Ballots that are returned by voters are processed through the sorter three times to prepare them for opening. The first sorter pass captures a digital image of the returned envelope and of the voter’s signature. The signature images are exported to a server to prepare them for signature verification ( a comparison between the incoming signature against the existing signature on the voter database.) During signature verification, the ballot records are updated to identify accepted ballots and challenged ballots. The current existing signature verification is a human process which can take 2-3 hours for 10,000 ballots. After signature verification the ballots are rough sorted twice. The two rough sorts breaks out the ballots into 39 precinct groupings (1-26, 27-53, 54-80 etc.) while out sorting the challenged ballots. After the two rough sort passes, the 39 precinct groups of accepted ballots are fine sorted (1,2,3 etc.) and sliced open in precinct order. The sliced envelopes containing the ballots are placed in trays in precinct order for ballot opening process.

Following are process time comparisons between the existing Reliavote sorter and new sorter technology:

<u>Current Pitney Bowes Olympus II Sorter / Actual time to process 10,000 Ballots in the November 2, 2012 General Elections</u>	<u>Time</u>	<u>New Pitney Bowes Vantage II Sorter / Estimated Time to process 10,000 Ballots</u>	<u>Time</u>
24k to 36K Cycle Speed		42k to 45k Cycle Speed	
Outgoing USPS Scan	2 Hours	Outgoing USPS Scan	13 Mins
Incoming Image Scan	2 Hours	Incoming Image Scan	13 Mins
Export Signature Batch for Verification	4 Hours	Export Signature Batch for Verification	20 Mins
Signature verification (human)	2-3 Hours	Signature verification (automated)	1 Hour
Incoming Scan Rough Sort	2 Hours	Incoming Scan Rough Sort	13 Mins
Incoming Sorting and Slicing	6 Hours	Incoming Sorting and Slicing	2 hours
<b>Total Time</b>	18-19 Hours	<b>Total Time</b>	3 Hours

### **Automated Signature Verification**

One of the manual processes that require substantial resources in this process is the review of voter signatures on absentee ballots. State law requires that the voter’s signature on the certificate envelope of the absentee ballot match the signature on record in the voter registration system. Due to the large number of staff required to handle the volume of ballots for a large election, this process is conducted primarily by seasonal staff who are trained to identify signature variations. Seasonal staff are managed by permanent staff who conduct quality assurance reviews and the review of signatures presumed invalid prior to canvassing board review.

## ATTACHMENT 2 – TECHNOLOGICAL ENHANCEMENTS

---

In recent years, this Department has researched the possibilities of implementing automated signature verification software to our current operations in order to streamline this process. In 2009, we had discussions with our current vendor, Pitney Bowes, who had indicated at the time they were developing such a system to work in conjunction with our existing Reliavote equipment. Samples signature files were provided to the vendor and extensive testing was conducted over a period of months. It was anticipated that the software would be available within the first quarter of 2010; however, after several discussions the vendor noted major concerns with the acceptance rate and confidence level of the automated signature comparisons.

Pitney Bowes advised they did not recommend the software at that time, as efforts to implement it in San Diego demonstrated issues with the speed of the data transfer between Reliavote and the voter registration system. They continue to work on an automated solution and Pitney Bowes is currently setting up testing of a sample of our signatures to determine our possible “hit rate”, which refers to the frequency with which a signature is considered a match by the software. Under optimal conditions, a 20% hit rate might be achieved, which means that out of 10,000 signatures compared, 2,000 would be accepted as a match and 8,000 then need manual comparison.

Although it makes sense to pursue this automation with our current vendor in order to avoid a complete change-out of our Reliavote mail balloting system, we have continued to contact a number of other counties in Florida, as we continue to explore automated signature verification options. A number of other large counties have reported they have pursued the automation but will continue to conduct manual reviews as Miami-Dade currently does. Orange County uses the same Reliavote installment as Miami-Dade and currently uses the automated signature comparison module, but report that they have the system threshold set at a level where most signatures are manually verified.

We have also contacted King County in Seattle, Washington and the Oregon Department of Elections, since both have exclusive mail ballot elections and process a high volume of absentee ballots. Washington State requires that the automated signature verification software be certified by the state. Washington State certified software at the 40% acceptance rate and 30% confidence level. In their findings, they concluded that when they compare the state certified software verification system with their current process, it is not cost effective, and the confidence level is not there. In the State of Oregon, they use the same Reliavote equipment as Miami-Dade but they do not use an automated software verification system; their staff continues to manually verify signatures for all mail ballots in the state although they plan on exploring an automated system in the coming year.

The Department continues to explore the feasibility of using an automated system to verify signatures on absentee ballots. We are working with different vendors to explore options that provide the highest levels of acceptance rate and confidence level. Any vendor solution must integrate with our current technology.

The Election Department is analyzing replacement of the current ballot sorter with two sorters that will provide significant performance improvements and eliminate the resource contention between outgoing and incoming ballot processes. Two sorters will also provide redundancy during the critical days before Election Day when ballot volumes are high and processing deadlines are pressing.

## ATTACHMENT 2 – TECHNOLOGICAL ENHANCEMENTS

<b><u>New Pitney Bowes Vantage II Sorter</u></b> <b>With Automated Signature Verification</b>			
<b>Equipment</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>
Base Sorter System - Vantage Transport - rated 45k items per hour. Multi-Tier Stacker / 48 pockets each. Envelope slicer, double envelope detector, date and time endorsement printer.	2	\$ 639,924	\$ 1,279,848
Installation and Training	2	\$ 15,000	\$ 30,000
Site Server - HP G series - server rack, client workstation	1	\$ 25,985	\$ 25,985
Installation	1	\$ 6,000	\$ 6,000
Trade in Credit for existing sorter			\$ (115,000)
<b>Total</b>			<b>\$ 1,226,833</b>

### ***Current Technology***

All voting systems used in the State of Florida are required to pass certification tests conducted by independent testing services and the State Division of Elections. Voting systems are certified as complete solutions which include compatible software, voting equipment, data transmission equipment, and reporting tools that are specific to each vendors system.

The voting system used by Miami-Dade Elections for coding, tabulating, and reporting elections results is the Elections Systems & Software Unity Suite. The Unity software interfaces with proprietary ES&S DS200 precinct tabulators, ADA iVotronic touchscreen tabulators, and M650 high speed central tabulators. The tabulated results are aggregated in the reporting module and are output on paper reports and computer files that are formatted for specific needs.

### ***Early Voting Technology***

Currently, the equipment in use for the 20 Early Voting sites consists of EViD electronic poll books from VR Systems, Sentio ballot on demand (BOD) printers from Runbeck, DS200 ballot scanners, and iVotronic touchscreen units for ADA voting from ES&S.

### ***Election Day Technology***

Election Day precincts currently use preprinted precinct registers, preprinted ballots, and DS200 scanners. Currently, Election Day voters check-in, sign a hardcopy precinct register and receive their designated ballot. This precinct register confirms the voter is in their correct precinct and also serves as the record to indicate which voters should be given Election Day voter credit in the statewide voter registration system. Providing voter credit is one the Department’s statutory requirements.

## ATTACHMENT 2 – TECHNOLOGICAL ENHANCEMENTS

---

At the end of the election, staff inventories all precinct register books (registers) to ensure they were successfully returned from all 829 precincts. Once all registers have been accounted for, they are scanned into the Electronic Document Management System. Staff then proceeds with going through each register page (about half a million pages for each countywide election) to provide electronic credit to each voter who signed a register. The scanning process is completed in two days utilizing 10 employees with an additional 40 employees providing electronic voter credit.

After this, the process of reconciliation begins. The first phase of the reconciliation process is to determine if the number of voters who voted and the number of ballots cast match. A reconciliation report is generated to compare the number of signatures on the registers versus the number of ballots read through the optical scanners (ballots cast) in each precinct. This report is meticulously reviewed under the premise that for every signature on the register, there is a voted ballot that was tabulated. Any precinct that shows any variance between register signatures and ballots cast will be manually reviewed one-page at a time to compare the number of signatures on the hardcopy register page to the number of voters given credit electronically. Erroneous discrepancies are adjusted and others are documented with each round of review. Once this process is complete and fully reconciled, voters are officially given Election Day credit.

The second phase of the reconciliation process is to determine if there were any voters that voted more than once. After voters receive Election Day voting credit, staff reviews the Voter Irregularities Report, a tool that displays voters who potentially double voted, and compiles supporting documentation to correct any voter credit erroneously applied or the documentation for a voter who did in fact attempt to vote more than once (this data is then supplied to the State Attorney’s Office for processing). This process is typically completed within two weeks utilizing 20 employees. The application of electronic poll books (EViDs) at Election Day precincts would provide a number of benefits to the Elections Department.

- For voters, the check-in process would be faster. Voters would be able to go to any of the check-in stations, as opposed to waiting in line to sign the register assigned to their last name.
- Voter eligibility would be determined accurately and on the spot as opposed to relying on poll workers to contact Elections and confirm a voter’s eligibility. This would prevent voters who were not eligible (i.e. felons, deceased, or moved out of county before Election Day) from participating in the election. Non-eligible voters would be given a provisional ballot.
- The possibility of voters attempting to vote more than once would be eliminated.

<b>520 sites</b>	<b>1040 Electronic Poll Books</b>	<b>\$1,601,600</b>
	<i>Total</i>	<i>1,601,600</i>

## ATTACHMENT 2 – TECHNOLOGICAL ENHANCEMENTS

---

### *Future Voting System Technology*

The next generation of election system available from ES&S is ElectionWare. ElectionWare is currently certified with the current DS200 precinct scanners and DS850 high speed central ballot scanners. ElectionWare offers some benefits in election coding and ballot layout. The DS850 high speed scanner offers faster ballot scanning speeds, improved transport system for folded ballots, and out sorting capabilities for over and under voted ballots. In conjunction with ElectionWare ES&S is certifying a new voting device in 2013 called ExpressVote. This technology will combine touchscreen capability for vote selections and ballot on demand technology (BOD) to print a paper ballot in one device. The paper ballot can then be scanned in a DS200 scanner. This solution would negate the need to purchase BOD units for Early Voting, eliminate printing of Election Day and Early Voting ballots, eliminate the need for additional voting booths, and fulfill ADA voting requirements. This will result in a significant reduction in both Early Voting and Election Day ballot printing costs. The ExpressVote devices are scheduled for State certification in January 2013.

In preparation for the next meeting of the Elections Advisory Group a detailed costs benefit analysis of future technologies will be completed. This analysis will include the savings attributable to process efficiencies and improved staffing patterns as well as cost avoidance

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS									
	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
Sunny Isles Beach Government Ctr 18070 Collins Ave	001.0	067.0			9	1		10	1	1		2						3
St Mary Magdalen Catholic Church 17775 N Bay Rd	002.0				5	1		6	1	2								2
Winston Towers Assoc.- Bldg 100 250 - 174 St	003.0				10	1		11	1	2								2
Intercoastal Yacht Club 16900 North Bay Road	004.0				8	1		9	1	2	1							3
Arlen House Condo West 500 Bayview Dr	005.0	068.0			10	1		11	1	2		1						3
Church By The Sea 501 - 96 St	006.0	012.0			7	1		8	1	1		1						2
Bay Harbor Town Hall 9665 Bay Harbor Tr	007.0				8	1		9	1	2								2
Ruth K Broad Elementary School 1155 - 93 St	008.0				4	1		5	1	1								1
Town of Surfside 9293 Harding Ave	009.0	010.0			15	1		16	1	3	1	1						5
Biscayne Elementary School 800 - 77 St	011.0				8	1		9	1	2								2
North Shore Branch Library 7501 Collins Ave	013.0				10	1		11	1	2								2
North Shore Park Youth Center 501 - 72 St	014.0				8	1		9	1	2								2
Normandy Shores Golf Club 2401 Biarritz Drive	015.0				3	1		4	1	1	1							2
North Bay Village 1700 John Kennedy CSWY #132	016.0				4	1		5	1	1								1
Treasure Island Elem School 7540 E Treasure Dr	017.0				9	1		10	1	2								2
Indian Creek Fire Station #4 6880 Indian Creek Dr	018.0				10	1		11	1	2								2
Normandy Park and Pool 7030 Trouville Esplanade	019.0				2	1		3	1	1	1							2
Miami Beach Fire Station #3 5303 Collins Ave	020.0	022.0			2	1		3	1	1		1						2
North Shore Park Youth Center 501 - 72 St	021.0	021.1			6	1		7	1	1		1						2
Miami Beach Fire Station #3 5303 Collins Ave	023.0				13	1		14	1	3								3
Nautilus Middle School 4301 N Michigan Ave	024.0				6	1		7	1	2								2
Miami Beach Fire Station #3 5303 Collins Ave	025.0				7	1		8	1	2	1							3
Temple Beth Sholom 4144 Chase Ave	026.0	028.0			6	1		7	1	1	1	1	1					4
Miami Beach Regional Library 227 - 22 St	027.0				3	1		4	1	1	1							2
North Beach Elementary School 4100 Prairie Ave	029.0				5	1		6	1	2								2
Miami Beach Botanical Garden 2000 Convention Ctr Dr	030.0				14	1		15	1	3								3

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS										
	Polling Place Name and Address	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
Miami City Ballet 2200 Liberty Ave	031.0	045.0				5	1		6	1	1	1	1						3
Miami Beach Regional Library 227 - 22 St	032.0					8	1		9	1	2								2
Miami Beach Sr. High School 2231 Prairie Ave	033.0	053.0				4	1		5	1	1		1						2
Miami Beach Botanical Garden 2000 Convention Ctr Dr	034.0					2	1		3	1	1	1							2
Miami Beach Sr. High School 2231 Prairie Ave	035.0					3	1		4	1	1	1							2
Miami Beach Police Athletic League 999 - 11th Street	036.0	039.0				15	1	6	22	1	2		2						4
Miami Beach City Hall 1700 Convention Ctr Dr	037.0					5	1		6	1	1								1
Veterans Foreign War Post #3559 650 West Ave	038.0					2	1		3	1	1								1
South Pointe Elementary School 1050 - 4 St	040.0					8	1		9	1	2								2
South Shore Community Center 833 - 6 St	041.0					10	1		11	1	2								2
Fienberg Fisher K-8 Center School 601 - 14 Pl	042.0					6	1		7	1	2								2
Miami Beach Police Department 1100 Washington Ave	043.0					2	1		3	1	1	1							2
South Pointe Park Community Center 1 Washington Ave	044.0					2	1		3	1	1								1
South Shore Community Center 833 - 6 St	046.0					7	1		8	1	2								2
Rebecca Towers 200 Alton Rd	047.0	048.0	066.0			14	1		15	1	1		2		1				4
Key Biscayne Community Center 10 Village Green Way	049.0	052.0				7	1		8	1	2		1						3
Key Biscayne Community Center 10 Village Green Way	050.0					11	1		12	1	2								2
Key Biscayne Community Center 10 Village Green Way	051.0					8	1		9	1	2								2
C. Lawton McCall Community Center 9617 Park Dr	059.0	179.0	180.0			2	1		3	1	0		1		1				2
C. Lawton McCall Community Center 9617 Park Dr	060.0	157.0	181.0			7	1		8	1	1		2		1				4
St. Basil Catholic Church Hall 1475 NE 199 St	061.0	210.0				7	1		8	1	0		2						2
Mt. Zion AME Church 15250 NW 22 Ave	062.0	234.0	269.0			11	1		12	1	0		1	1	2				4
New Birth Church East 13230 NW 7 Ave	063.0	064.0	238.0	239.0		21	1		22	1	0		0		1		4		5
Uleta Community Center 16880 NE 4 Ave	065.0	117.0	166.0			11	1		12	1	1		2		1				4
Phyllis R Miller Elementary School 840 NE 87 St	069.0					2	1		3	1	1								1
EI Portal Village Hall 500 NE 87 St	070.0	159.0				6	1		7	1	1		2						3

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS										
	Polling Place Name and Address	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
North Miami Elementary School 655 NE 145 St	071.0	138.0	170.0		6	1		7	1	1			1		1				3
Highland Oaks Elementary School 20500 NE 24 Ave	101.0	101.1			10	1		11	1	2			0						2
Aventura Comm Recreation Center 3375 NE 188 St	102.0	186.0			14	1		15	1	3			1						4
Aventura Government Center 19200 W Country Club Dr	103.0				13	1		14	1	3									3
Ojus Recreation Center 18995 W Dixie Hwy	104.0	104.1			6	1		7	1	1			2						3
Highland Oaks Middle School 2375 NE 203 St	105.0				6	1		7	1	2									2
Greynolds Park Elementary School 1536 NE 179 St	106.0				4	1		5	1	1									1
North Miami Beach Fire Station #31 17050 NE 19 Ave	107.0				3	1		4	1	1	1								2
New Horizons Condominium Assoc 1500 NE 191 St	108.0				9	1		10	1	2									2
Aventura Government Center 19200 W Country Club Dr	109.0				17	1		18	1	3									3
Marjorie/William McDonald Center 17051 NE 19 Ave	110.0				2	1		3	1	1	1								2
Commodore Plaza Tower II 2750 NE 183 St	111.0				20	1		21	1	4	1								5
Plaza Del Prado Condominium 18011 Biscayne Blvd	112.0				2	1		3	1	1									1
Point East Condominium 2895 Point East Dr	113.0				3	1		4	1	2									2
Marjorie/William McDonald Center 17051 NE 19 Ave	115.0				13	1		14	1	3	1								4
Uleta Community Center 16880 NE 4 Ave	116.0	116.1			3	1		4	1	1			1	1					3
John F Kennedy Middle School 1075 NE 167 St	118.0				3	1	3	7	1	1									1
Sabal Palm Elementary School 17101 NE 7 Ave	119.0				8	1		9	1	2									2
North Miami Beach Sr High School 1247 NE 167 St	120.0				2	1		3	1	1									1
Fulford United Methodist Church 1900 NE 164 St	121.0	134.0			4	1		5	1	1			1						2
Marjorie/William Mcdonald Center 17051 NE 19 Ave	123.0				12	1		13	1	3	1								4
Eden Isles Condominium 16975 NE 35 Ave	124.0				13	1		14	1	3	2								5
Highland Village 13621 NE 21 Ave	125.0	125.9			2	1	2	5	1	1			0						1
Fulford Elementary School 16140 NE 18th Avenue	126.0	126.1			7	1		8	1	2	1		1						4
Washington Park Community Center 15290 NE 15 Ct	127.0				14	1		15	1	3									3
Oak Grove Park 690 NE 159 St	128.0				9	1		10	1	2									2



**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS									
	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
North Miami Beach Church Nazarene 16450 NE 4 Ave	129.0				10	1		11	1	2								2
First Baptist Church of Greater Mia 15395 N Miami Ave	130.0				17	1		18	1	3								3
Thomas Jefferson Middle School 525 NW 147 St	131.0	132.0			10	1		11	1	2		1						3
Miami-Dade County Fire Station #19 650 NW 131 St	133.0	185.0			6	1		7	1	2		1						3
Sunkist Grove Community Center 12500 NW 13 Ave	135.0	172.0			21	1		22	1	4		1						5
Miami Union Academy 12600 NW 4 Ave	136.0	174.0			13	1		14	1	3		1						4
North Miami Jaycees 12100 W Dixie Hwy	137.0	137.1	139.0		5	1		6	1	1		1		1				3
Haitian Evangelical Baptist Church 14455 Memorial Hwy	140.0	189.0			11	1		12	1	2		1	1					4
North Miami Public Library 835 NE 132 St	141.0	175.0			8	1		9	1	2		1						3
Shalom Community Chruch 900 NE 132 St	142.0				14	1		15	1	3								3
First Church Of North Miami 1200 NE 135 St	143.0	144.0	144.1	144.2	15	1		16	1	2		1	1	1		1		6
Natural Bridge Elementary School 1650 NE 141 St	145.0				2	1		3	1	1								1
Keystone Park Community Center 13050 Ixora Ct	146.0				11	1		12	1	2								2
Senator Gwen Margolis Community Ctr 1590 NE 123 St	147.0	176.0			4	1		5	1	1		1						2
Beth Moshe Congregation 2225 NE 121 St	148.0				7	1		8	1	2								2
Senator Gwen Margolis Community Ctr 1590 NE 123 St	149.0	169.0			11	1		12	1	2		1	1					4
Senator Gwen Margolis Community Ctr 1590 NE 123 St	150.0	150.1	164.0		9	1		10	1	1	1	1		1	1			5
Ed Burke Recreation Center 11400 NE 9 Ct	151.0	151.1	177.0		8	1		9	1	1	1	1	1	1				5
Veterans of Foreign War Post #471 11911 W Dixie Hwy	152.0	152.1	178.0		7	1		8	1	1		2		1				4
Stanton Memorial Baptist Church 50 NE 119 St	153.0	153.1	153.2	153.3	11	1		12	1	1		1		1		1		4
Hubert O Sibley Elementary School 255 NW 115 St	154.0				6	1		7	1	2								2
Miami Shores Elementary School 10351 NE 5 Ave	155.0				6	1		7	1	2								2
Catholic Community SVC SR Center 9900 NE 2 Ave	156.0				6	1		7	1	2								2
Phyllis R Miller Elementary School 840 NE 87 St	158.0				2	1		3	1	1								1

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS									
	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
Horace Mann Middle School 8950 NW 2 Ave	161.0	183.0			6	1		7	1	2		1						3
Soar Memorial Park 100 NW 83 St	162.0				6	1		7	1	2								2
Miami Dade County Fire Station #20 13000 NE 16 Ave	165.0	165.1	165.2	165.3	2	1		3	1	1		1		1		1		4
Carrie P. Meek Elementary School 2101 NW 127 St	173.0	240.0			14	1		15	1	1		3						4
Griffing Senior Citizens Center 12220 Griffing Blvd	182.0	187.0			3	1		4	1	1		1						2
Aventura Community Recreation Ctr 3375 NE 188 St	184.0				11	1		12	1	2								2
Henry Reeves Elementary School 2005 NW 111 St	188.0	268.0	268.1		8	1		9	1	1		1	1	1				4
Landmark Campus 20000 NW 47 Ave	201.0				9	1		10	1	2	1							3
Landmark Campus 20000 NW 47 Ave	202.0	290.0			9	1		10	1	2		1						3
North County Elementary School 3250 NW 207 St	203.0	203.1			11	1		12	1	2		1						3
Antioch Missionary Baptist Church 3330 NW 213 Terrace	204.0				3	1		4	1	1	1							2
Robert Renick Educational Ctr 2201 NW 207 St	205.0				6	1	2	9	1	2								2
Norland United Methodist Church 885 NW 195 St	206.0				20	1		21	1	4								4
Ro-Mont South Rec Hall 20314 NE 2 Ave	207.0	293.0			13	1		14	1	2		1						3
Lake Park Condominium 900 NE 199 St	208.0	208.1			13	1		14	1	2		1	1					4
Madie Ives Elementary School 20770 NE 14 Ave	209.0				13	1		14	1	3								3
Hibiscus Elementary School 18701 NW 1 Ave	211.0				3	1	1	5	1	1	1							2
Star Lakes Association Inc. 301 NE 191 St	212.0				10	1		11	1	2								2
North Dade Community Church 700 NW 175 St	213.0	294.0			12	1		13	1	3		1						4
Episcopal Church Of the Holy Family 18501 NW 7 Ave	214.0				12	1		13	1	3								3
Sierra Norwood Calvary Bapt Church 19101 NW 5 Ave	215.0				7	1		8	1	2								2
Grace United Community Church 901 NW 183 St	216.0				11	1		12	1	2								2
Hotel Roma Golden Glades 16805 NW 12 Ave	217.0	217.1			9	1		10	1	2		1						3
New Way Fellowship Baptist Church 16800 NW 22 Ave	218.0				6	1		7	1	2								2
Bunche Park Elementary School 16001 Bunche Pk School Dr	219.0				4	1		5	1	1								1
New Way Fellowship Baptist Church 16800 NW 22 Ave	220.0				8	1		9	1	2								2

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS									
	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
Parkview Elementary School 17631 NW 20 Ave	221.0				10	1		11	1	2								2
Miami Gardens Church Of Christ 2255 NW 183 St	222.0				11	1		12	1	2								2
Cosmopolitan Baptist Church 3003 NW 207 St	223.0				9	1		10	1	2								2
Miami Carol City Senior High 3301 Miami Gardens Drive	224.0				10	1		11	1	2								2
Myrtle Grove Presbyterian Church 2961 NW 175 St	225.0				13	1		14	1	3								3
Golden Glades Elementary School 16520 NW 28 Ave	226.0				8	1		9	1	2								2
A. J. King Park 4230 NW 178 St	227.0				11	1		12	1	2								2
Carol City Middle School 3737 NW 188 St	228.0				3	1		4	1	1	1							2
Iglesia Adventista de Carol City 4450 NW 183 St	229.0				11	1		12	1	2								2
Lake Stevens Middle School 18484 NW 48 Pl	230.0	283.0			10	1		11	1	2		1						3
Bible Baptist Church 17701 NW 57 Ave	231.0				9	1		10	1	2								2
North Glade Elementary School 5000 NW 177 St	232.0	275.0			9	1		10	1	1		1	1					3
Florida Memorial University 15800 NW 42 Ave	233.0	276.0			10	1		11	1	2		1						3
Opa- Locka United Methodist Church 630 Sharar Ave	235.0				2	1		3	1	1	1							2
Westview Baptist Church Inc 13301 NW 24 Ave	236.0	313.0			6	1		7	1	2		1						3
Nathan B Young Elementary School 14120 NW 24 Ave	237.0	237.1			7	1		8	1	2		1						3
Miami Park Elementary School 2225 NW 103 St	241.0	241.1			8	1		9	1	2		1						3
Lakeview Elementary School 1290 NW 115 St	242.0	242.1			13	1		14	1	3		1						4
Faith Community Baptist Church 10401 NW 8 Ave	243.0	243.1			9	1		10	1	1		1						2
Twin Lakes Community Center 1221 NW 95 St	244.0				10	1		11	1	2								2
Bible Baptist Church 9801 NW 24 Ave	245.0	245.1			8	1		9	1	2		1						3
Mt. Zion Apostolic Temple 9300 NW 32 Ave	246.0	277.0			10	1		11	1	2		1						3
Madison Middle School 3400 NW 87 St	247.0				5	1		6	1	2								2
North Central Branch Library 9590 NW 27 Ave	248.0	248.1			13	1		14	1	3		1						4
Covenant Palms Housing Project 8400 NW 25 Ave	249.0	279.0			10	1		11	1	2		1						3
Mt Carmel Missionary Baptist Church 1745 NW 79 St	250.0				5	1		6	1	2								2

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS										
	Polling Place Name and Address	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
Arcola Lakes Community Park 1301 NW 83 Street	251.0					6	1		7	1	2								2
Arcola Park 1680 NW 87 Street	252.0	252.1				11	1		12	1	1		1						2
Palm Court Apartments 930 NW 95 St	253.0					5	1		6	1	2								2
The Highway Church Apostle Faith 2141 NW 76 St	254.0					9	1		10	1	2								2
Lillie C Evans Elementary School 1895 NW 75 St	255.0	255.1				3	1		4	1	1		1						2
Robert Sharpe Towers #1 103 NW 202 Ter	256.0					8	1		9	1	2								2
Saint James AME Church 1845 NW 65 St	257.0					5	1		6	1	2								2
NFL Yet Center/Gwen Cherry Park 7090 NW 22 Ave	258.0	258.1				3	1		4	1	1		1						2
Dayspring Missionary Baptist Church 2991 NW 62 St	259.0	278.0	278.1	278.2		7	1		8	1	2		1		1		1		5
	278.3					0	0		0	0	1								1
Dr. M. L. King Memorial Park 6000 NW 32 Ct	260.0	260.1				5	1		6	1	1	1							3
Olinda Elementary School 5536 NW 21 Ave	261.0	288.0				9	1		10	1	2		1						3
Mildred & Claude Pepper Towers 2350 NW 54 St	262.0	286.0				9	1		10	1	2		1						3
Lorah Park Elementary School 5160 NW 31 Ave	263.0	282.0				11	1		12	1	2		1	1					4
Kelsey L Pharr Elementary School 2000 NW 46 St	264.0	287.0	287.1			6	1		7	1	2		1		1				4
Opa Locka Senior Citizen Bldg # A 14295 NW 21 Ct	265.0	265.1	280.0			3	1		4	1	1		1		1				3
Jefferson Reaves Sr Park 3090 NW 50 St	266.0	281.0				2	1		3	1	1		1						2
Universal Truth Center 21310 NW 37 Ave	267.0					5	1		6	1	2								2
Miami-Dade County Fire Station #11 18705 NW 27 Ave	270.0					10	1		11	1	2								2
Cultural Arts Center 2105 Ali Baba Ave	271.0					2	1		3	1	1								1
Charles D Wyche, Jr Elementary 5241 NW 195 Dr	272.0					9	1		10	1	2								2
Landmark Campus 20000 NW 47 Ave	273.0					5	1		6	1	2								2
Carol City Elementary School 4375 NW 173 Dr	274.0					6	1		7	1	2								2
Melrose Elementary School 3050 NW 35 St	284.0	284.1	285.0			6	1		7	1	1		1		1				3
Miami Fire Fighter Benevolent Assoc 2980 NW S River Dr	289.0	289.1	550.0			9	1		10	1	1		1		2				4
Miami Gardens Elementary School 4444 NW 195 St	291.0					4	1		5	1	1								1
Freewill Christian Center 3405 NW 189 St	292.0					7	1		8	1	2								2

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS									
	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
North Dade Regional Library 2455 NW 183 St	295.0				4	1	2	7	1	1								1
Dr. Robert B.Ingram Elementary School 600 Ahmad St	296.0				11	1		12	1	2								2
North Palm Baptist Church 7801 NW 178 St	301.0	369.0	395.0		7	1		8	1	2		1		1				4
Norman & Jean Reach Park 7901 NW 176 St	302.0				7	1		8	1	2								2
Sunrise Presbyterian Church 18400 NW 68 Ave	303.0	370.0			13	1		14	1	2		1	1					4
Country Village Park 6550 NW 188 Tr	304.0	372.0	372.1		37	1		38	1	5	1	1		1				8
Miami Lakes Branch Library 6699 Windmill Gate Rd	305.0	373.0			12	1		13	1	3		1						4
Miami Lakes Middle School 6425 Miami Lakeway North	306.0				8	1		9	1	2								2
Miami Lakes Utd Methodist Church 14800 Ludlum Rd	307.0				9	1		10	1	2								2
Miami Lakes K-8 Center School 14250 NW 67 Ave	308.0				5	1		6	1	1								1
Carl F. Slade Park 2501 W 74 St	309.0				18	1		19	1	4	1							5
Hialeah Miami Lakes Sr High School 7977 W 12 Ave	310.0				9	1		10	1	2								2
The Salvation Army 7450 W 4 Ave	311.0				14	1		15	1	3								3
Cristo Vive Hermanos En Cristo 500 W 78 St	312.0				8	1		9	1	2								2
Hialeah Middle School 6027 E 7 Ave	314.0	314.1			6	1		7	1	1		2						3
Palm Springs Elementary School 6304 E 1 Ave	315.0				8	1		9	1	2								2
O'Quinn Park 6051 W 2 Ave	316.0				6	1		7	1	2								2
Hialeah Fire Station #5 1197 W 74 St	317.0				5	1		6	1	2								2
John G Du Puis Elementary School 1150 W 59 Pl	318.0				7	1		8	1	2								2
Victor Wilde Community Center 1701 W 53 Tr	319.0				4	1		5	1	1								1
Sparks Park 1301 W 60 St	320.0				13	1		14	1	3								3
Victor Wilde Community Center 1701 W 53 Tr	321.0				15	1		16	1	3	1							4
Ben Sheppard Elementary School 5700 W 24 Ave	322.0				10	1		11	1	2								2
La Esperanza Sr Housing Project 1770 W 44 Pl	323.0				7	1		8	1	2								2
Vivian Villas 4650 W 12 Ave	324.0				7	1		8	1	2								2

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS										
	Polling Place Name and Address	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
Knights Of Columbus 545 W 51 Pl	325.0					4	1		5	1	1								1
Goodlet Park 4200 W 8 Ave	326.0					17	1		18	1	3	1							4
Jose Marti Middle School 5701 W 24 Ave	327.0					10	1		11	1	2								2
John F. Kennedy Library 190 West 49 St	328.0					10	1		11	1	2								2
Hialeah Fire Station #2 4200 E 8 Ave	329.0	329.1	379.0			11	1		12	1	1	1		1					4
Hialeah Moose Lodge #1074 305 E 32 St	330.0	330.1	378.0			8	1		9	1	1		1	1	1	1			5
John F. Kennedy Library 190 West 49 St	331.0	331.1				8	1		9	1	1		2						3
Walker Community Center 800 W 29 St	332.0	377.0				12	1		13	1	1		2						3
James H Bright Elementary School 2530 W 10 Ave	333.0	376.0				6	1		7	1	2		1						3
The Salvation Army 7450 W 4 Ave	334.0	334.1	391.0	392.0		8	1		9	1	1		2		0		0		3
Johnny L. Cotson Sr Park 520 W 23 St	335.0	335.1	335.2			10	1		11	1	2		1		1	1			5
Hialeah Fire Station #6 780 W 25 St	336.0	386.0				9	1		10	1	2		0						2
Bright Park Recreation Center 750 E 35 St	337.0					13	1		14	1	3								3
Hialeah Moose Lodge #1074 305 E 32 St	338.0	338.1	383.0	400.0		10	1		11	1	1	1	2		0		0		4
Hialeah Fire Station #1 93 E 5 St	339.0	380.0	380.1			17	1		18	1	3		1		1				5
Benny Babcock Park 651 E 4 Ave	340.0	381.0				19	1		20	1	3		1						4
West End Park Community House 250 SW 60 Ave	341.0	341.1	555.0	555.1		11	1		12	1	1		1		1		2		5
South East Park 1015 SE 9 Ave	342.0	382.0				12	1		13	1	2		1	1					4
Miami Springs Middle School 150 S Royal Poinciana Blvd	343.0					11	1		12	1	2	1							3
Miami Springs Community Center 1401 Westward Dr	344.0					9	1		10	1	2								2
Miami Springs Community Center 1401 Westward Dr	345.0					8	1		9	1	2								2
Springview Elem School 1122 Bluebird Ave	346.0					7	1		8	1	2	1							3
Virgina Gardens Town Hall 6498 NW 38 Tr	347.0	393.0	393.1	393.2		5	1		6	1	2		0		0		0		2
Medley Town Hall 7777 NW 72 Ave	348.0	356.0	394.0			2	1		3	1	1		1		0				2
Hialeah Gardens Community Hall 10003 NW 87 Ave	349.0					17	1		18	1	3	1							4
Joella C Good Elementary 6350 NW 188 Tr	350.0	371.0				6	1		7	1	1		1						2

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS									
	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
The Moors Club Center 17320 NW 65 Ave	351.0	351.1			21	1		22	1	3	1	1						5
Miami Lakes Community Center West 15151 NW 82 Ave	352.0				14	1		15	1	3	1							4
North Trial Park 780 NW 127 Avenue	353.0	453.0	453.1		21	1		22	1	4	1	1		0				6
Palm Springs Middle School 1025 W 56 St	354.0				4	1		5	1	1								1
Northwest Dade 7th Day Adventist Church 6500 NW 202 St	355.0	358.0			15	1		16	1	2		2						4
Palm Lakes Elementary School 7450 W 16 Ave	357.0				6	1		7	1	2								2
Roberto Casas Park 7900 W 32 Ave	359.0				19	1		20	1	4	1							5
Ernest R Graham K-8 Center 7330 W 32 Ave	360.0				15	1		16	1	3	1							4
M.W. Patterson Pavillion 1875 W 44 Pl	361.0	375.0			3	1		4	1	1		1						2
Meadowlane Elementary School 4280 W 8 Ave	362.0				8	1		9	1	2								2
Russell Bucky Dent Park 2250 W 60 St	363.0	374.0			9	1		10	1	1		1						2
Palm Springs North Fire Station #44 7700 NW 186 St	364.0				13	1		14	1	3	1							4
Lawton Chiles Middle School 8190 NW 197 St	365.0				12	1		13	1	3								3
Doral Isles Island Club 6450 NW 110 Ave	366.0	971.0			7	1		8	1	2	1	1						4
Imperial Lakes Club House 12301 NW 7 Ln	367.0	384.0			9	1	1	11	1	1	1	1	1					4
Westland Gardens Park 13501 NW 107 Ave	368.0				13	1		14	1	3	1							4
Barbara Goleman Sr. High School 14100 NW 89 Ave	385.0				14	1		15	1	3	1							4
Ruth A. Tinsman Housing Authority 6545 W 24 Ave	387.0				6	1		7	1	2								2
West Hialeah Gardens Elem School 11990 NW 92 Ave	388.0				12	1		13	1	3								3
Palm Springs North Elementary 17615 NW 82 Ave	389.0				12	1		13	1	2								2
Bob Graham Education Center 15901 NW 79 Ave	390.0				13	1		14	1	3	1							4
Mall of the Americas 7827 W Flagler Street	396.0				3	1		4	1	1								1
John A. Ferguson Senior High School 15900 SW 56 St	397.0	461.0			26	1		27	1	1		4	1					6
Zelda Glazer Middle School 15015 SW 24 St	398.0				2	1		3	1	1	1							2
Miami-Dade County Fire Station #61 15155 SW 10 St	399.0				2	1	2	5	1	1	1							2
Fire Fighter Memorial Building	401.0	401.1	401.2	401.3	19	1		20	1	0		1		3	1	1		6

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS									
	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
8000 NW 21 St	401.4	446.0	446.1	446.2	0	0		0	0	0		1		0		1		2
Lamar Louise Curry Middle School 15750 SW 47 St	402.0				25	1		26	1	4								4
La Catedral Del Pueblo 190 NW 79 Ave	403.0	403.1			25	1		26	1	1		4	1					6
Seminole Elementary School 121 SW 78 Pl	404.0	404.1			9	1		10	1	1		1						2
Ruben Dario Park 9825 W Flagler St	405.0				8	1		9	1	2								2
EWf Stirrup Sr Elementary School 330 NW 97 Ave	406.0				11	1		12	1	2								2
Mildred & Claude Pepper Senior Ctr 10600 SW 4 St	407.0				6	1		7	1	2								2
Fontainebleau Milton Rental Apt 9517 Fontainebleau Blvd	408.0				17	1		18	1	3								3
Sweetwater Elementary School 10655 SW 4 St	409.0	409.1	460.0	487.0	7	1		8	1	1	1	1		1		1		5
Jorge Mas Canosa Youth Center 250 SW 114 Ave	410.0	488.0	489.0		32	1		33	1	4	1	2		1				8
Paul Bell Middle School 11800 NW 2 St	411.0	455.0			6	1		7	1	1	1	1						3
Belen Jesuit Preparatory School 500 SW 127 Ave	412.0	456.0			18	1		19	1	3	1	1						5
Greenglade Elementary School 3060 SW 127 Ave	413.0	459.0	459.1		17	1		18	1	3		1		1	1			6
Joe Hall Elementary School 1901 SW 134 Ave	414.0	414.1	457.0		16	1		17	1	2		1		1				4
University Lakes Recreation Hall 12850 SW 14 St	415.0				14	1		15	1	3								3
Marjory S Douglas Elementary School 11901 SW 2 St	416.0				15	1		16	1	3								3
Tamiami Regional Park 11201 SW 24 Street	417.0	417.1	458.0		15	1		16	1	2		1		1				4
Tamiami Regional Park 11201 SW 24 Street	418.0				7	1		8	1	2								2
West Dade Regional Library 9445 Coral Way	419.0				5	1		6	1	1								1
Coral Estates Park 1405 SW 97 Ave	420.0				9	1		10	1	2								2
Primera Iglesia Bautista Coral Park 8755 SW 16 Street	421.0	421.1			13	1		14	1	2		1	1					4
Everglades Elementary School 8375 SW 16 St	422.0				5	1		6	1	1								1
West Miami Middle School 7525 SW 24 St	423.0				7	1		8	1	2								2
Tamiami Baptist Church 860 SW 76 Ct	424.0				11	1		12	1	2								2
El Camino Church 6790 SW 12 St	425.0	425.1			9	1		10	1	1	1	1						3
Open Bible Temple 5720 SW 17 St	426.0				7	1		8	1	2								2



**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS										
	Polling Place Name and Address	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
Open Bible Temple 5720 SW 17 St	427.0				6	1		7	1	2									2
West Miami Recreation Center 1700 SW 62 Ave	428.0				6	1		7	1	2									2
Biltmore Hotel 1200 Anastasia Ave	429.0				6	1		7	1	2									2
Miami International Covenant Church 2100 SW 66 Ave	430.0				10	1		11	1	2									2
Leisure Access Center 3401 SW 72 Ave	431.0				5	1		6	1	2									2
A D Barnes Park 3401 SW 72 Ave	432.0				7	1		8	1	2									2
Emerson Elementary School 8001 SW 36 St	433.0				7	1		8	1	2									2
Banyan Elementary School 3060 SW 85 Ave	434.0				8	1		9	1	2									2
Rockway Middle School 9393 SW 29 Tr	435.0				9	1		10	1	2									2
Rockway Park Recreation Bldg 9460 SW 27 Drive	436.0				9	1		10	1	2									2
Olympia Heights Elementary School 9797 SW 40 St	437.0				8	1		9	1	2									2
Messiah Lutheran Church 9850 Coral Way	438.0				11	1		12	1	2									2
St Simons Episcopal Church 10950 SW 34 St	439.0				18	1		19	1	3	1								4
Village Green Elementary School 12265 SW 34 St	440.0				7	1		8	1	2									2
Herbert Saffir MDC Permit Ctr 11805 SW 26 St	441.0				10	1		11	1	2									2
Days Inn Miami Int'l Airport Hotel 7250 NW 11 St	442.0				5	1		6	1	2									2
Charles R Hadley Elementary School 8400 NW 7 St	443.0				7	1		8	1	2									2
Wesley Matthews Elementary School 12345 SW 18 Tr	444.0				10	1		11	1	2									2
Womens History Gallery 10251 W Flagler Street	445.0	448.0			8	1		9	1	1		2							3
Miami Christian School 200 NW 109 Ave	447.0				9	1		10	1	2									2
W R Thomas Middle School 13001 SW 26 St	449.0				5	1		6	1	2									2
John I Smith Elementary School 10415 NW 52 St	450.0	450.1			6	1		7	1	2		1							3
G. Holmes Braddock Sr. High School 3601 SW 147 Ave	451.0				11	1		12	1	2									2
Eugenia B Thomas Elementary School 5950 NW 114 Ave	452.0				15	1		16	1	3									3
Doral Middle School 5005 NW 112 Ave	454.0				5	1		6	1	2									2

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS									
	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
Ronald Reagan Senior High School 8600 NW 107 Ave	462.0	462.1	965.0		19	1		20	1	1	1	3		1				6
Deliverance Tabernacle CHR Nazarene 7610 Biscayne Blvd	500.0	502.0	590.0		9	1		10	1	1		1	1	1	1			5
Jesse J. Mccrary, Jr. Elementary School 514 NW 77 St	501.0	501.1	580.0	580.1	17	1		18	1	1	1	3		1		1		7
H U D 1407 NW 7 St	503.0	990.0	990.1		3	1		4	1	1	1	1		1				4
Legion Memorial Park 6447 NE 7 Ave	504.0	592.0			7	1		8	1	2		1						3
St Matthew Freewill Baptist Church 6700 NW 2 Ave	505.0				6	1		7	1	2								2
Edison Courts Community Center 325 NW 62 St	506.0				4	1		5	1	1								1
Thena Crowder Elementary School 757 NW 66 St	507.0				5	1		6	1	2								2
Liberty Square Community Center 6304 NW 14 Ave	508.0	508.1	979.0		10	1		11	1	2		1		1				4
Universal Church of the Kingdom of God 3501 W Flagler St	509.0				7	1		8	1	2								2
Universal Church of the Kingdom of God 3501 W Flagler St	510.0				3	1		4	1	1	1							2
Jordan Grove Baptist Church 5946 NW 12 Ave	511.0	511.1			7	1		8	1	2		1						3
St Paul Inst Ame Church 1892 NW 51 Tr	512.0	596.0			9	1		10	1	2		1						3
Church Of The Open Door UCC 6001 NW 8 Ave	513.0				2	1		3	1	1								1
Miami Edison Middle School 6101 NW 2 Ave	514.0				6	1		7	1	2								2
Tousaint Louverture Elementary 120 NE 59 St	515.0	977.0			7	1		8	1	1		1						2
Morningside Park 750 NE 55 Tr	516.0	516.1	999.0	999.1	7	1		8	1	2		1		1		1		5
	999.2				0	0		0	0	0								0
Jerusalem French S.D.A. Church 4201 NE 2 Ave	517.0				5	1		6	1	2								2
Church Of God Prophecy#1 4528 NW 1 Ave	518.0	518.1			8	1		9	1	2		1						3
Shadowlawn Elementary School 149 NW 49 St	519.0				9	1		10	1	2								2
Carrie P Meek Art Center 1300 NW 50 St	520.0				8	1		9	1	2								2
Edison Towers 5821 NW 7 Ave	521.0	521.1			12	1		13	1	2		1	1					4
Miami Jackson Sr. High School 1751 NW 36 Street	522.0	597.0	597.1		10	1		11	1	2		1		1				4
Ebenezer United Methodist Church 2001 NW 35 St	523.0	976.0			8	1		9	1	1		1	1					3

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS									
	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
Simpson Park Recreation Building 55 SW 17 Rd	524.0	524.1	568.0	568.1	12	1		13	1	2		1		1		1		5
	568.2				0	0		0	0	1								1
Maya Angelou Elementary School 1850 NW 32 Street	525.0	525.1	525.2	527.0	9	1		10	1	1		1		1		1		4
	527.1	527.2	527.3		0	0		0	0	1		1		1				3
Curtis Park Community House 1901 NW 24 Ave	526.0	526.1	986.0	986.1	9	1		10	1	1		1		1		1		4
Allapattah Branch Library 1799 NW 35 St	528.0	588.0	588.1		2	1		3	1	1	1	1	1	1				5
Jose Diego Middle School 3100 NW 5 Ave	529.0	529.1			15	1		16	1	3		1						4
Comstock Elementary School 2420 NW 18 Ave	530.0	530.1	530.2	530.3	4	1		5	1	1		1		1		1		4
	980.0				0	0		0	0	1								1
Claude Pepper Community Center II 750 NW 18 Tr	531.0	975.0			8	1		9	1	2		1						3
Christ Episcopal Church 3481 Hibiscus St	532.0				2	1		3	1	1								1
Culmer Neighborhood Service Center 1600 NW 3 Ave	533.0				12	1		13	1	3								3
Miami Fire Station #2 1901 North Miami Ave	534.0	534.1	539.0		9	1		10	1	2		1		1				4
Dunbar Elementary School 505 NW 20 St	535.0	535.1			7	1		8	1	1	1	1						3
Phyllis Wheatley Elementary School 1801 NW 1 Pl	536.0				4	1		5	1	1								1
Eugenio Maria De Hostos Ctr 2902 NW 2 Ave	537.0	599.0			6	1		7	1	1	1	1						3
Cameron House 412 NE 22 St	538.0	595.0			15	1		16	1	2		2						4
Douglas Park Community House 2755 SW 37 Ave	540.0	577.0			9	1		10	1	0		2						2
Miami Fire Station #4 1105 SW 2 Ave	541.0	541.1	541.2	984.0	20	1		21	1	2		0		1		1	1	4
	984.1	984.2	984.3		0	0		0	0	1	1	0		0				2
Jack Orr Senior Center 550 NW 5 St	542.0	542.1	542.2	542.3	4	1		5	1	1		1		1		1		4
	542.4	985.0	985.1		0	0		0	0	1		0		1				2
HUD - Meeting Room 1407 NW 7 St	543.0	989.0			18	1		19	1	3		1						4
Trinity Cathedral Hall 464 NE 16 St	544.0	544.1	544.2	983.0	15	1		16	1	2		1		1		0		4
	983.1	983.2			0	0		0	0	1		1						2
Polish American Club of Miami, Inc 1250 NW 22 Ave	545.0	997.0			14	1		15	1	3		1						4
Miami City Hall 3500 Pan American Dr	546.0				5	1		6	1	1								1
Miami Fire Station #7 314 Beacom Blvd	547.0	547.1			12	1		13	1	1		2						3
Miami-Dade County Auditorium 2901 W Flagler St	548.0				7	1		8	1	2								2
Kensington Park Elementary School 711 NW 30 Ave	549.0				7	1		8	1	2								2
Grapeland Park 1550 NW 37 Ave	551.0				8	1		9	1	2								2

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS									
	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
Armando Badia Senior Center 25 Tamiami Blvd	552.0				2	1		3	1	1								1
Robert King High Community House 7025 W Flagler St	553.0	553.1			9	1		10	1	2	1	1						4
Iglesia Bautista Renovacion Cristia 50 NW 51 Pl	554.0				6	1		7	1	2								2
Residential Plaza 5617 NW 7 St	556.0	556.1			13	1		14	1	2		1						3
Ig. Cristiana Ref Buen Samaritano 4585 W Flagler St	557.0	993.0			11	1		12	1	2		1						3
Kinloch Park Community Center 455 NW 47 Ave	558.0	974.0			7	1		8	1	2		1						3
Ebenezer Freewill Baptist Church 4111 SW 4 St	559.0	994.0			9	1		10	1	2		1	1					4
Kinloch Park Middle School 4340 NW 3 St	560.0	560.1	972.0		12	1		13	1	1		1	1	1				4
Iglesia Bautista Resurreccion 2323 SW 27 Ave	561.0	578.0			22	1		23	1	2		3						5
Wesley United Methodist Church 133 Ponce De Leon Blvd	562.0	633.0			7	1		8	1	1		2						3
Little Havana Housing Project #1 1759 SW 5 St	563.0	563.1			9	1		10	1	1		2						3
HUD 1407 NW 7 St	564.0	564.1			9	1		10	1	2		1						3
Riverside Elementary School 1190 SW 2 St	565.0	565.1			11	1		12	1	2		1						3
Jose Marti Park Gymnasium 434 SW 3 Ave	566.0				17	1		18	1	3								3
Simpson Park Recreation Building 55 SW 17 Rd	567.0	996.0	996.1		11	1		12	1	2		1		1				4
Stanley Axrod UTD Towers 1809 Brickell Ave	569.0	569.1	569.2	995.0	33	1		34	1	1		1		3	2	1		8
	995.1	995.2			0	0		0	0	1		1						2
Coral Way K-8 Center School 1950 SW 13 Ave	570.0				6	1		7	1	2								2
El Cordero Presbyterian Church 2091 SW 14 Ave	571.0	571.1	594.0	594.1	7	1		8	1	1		1		1		1		4
Shenandoah Elementary School 1023 SW 21 Ave	572.0				5	1		6	1	2								2
Shenandoah Park Community House 1800 SW 21 Ave	573.0				9	1		10	1	2								2
Iglesia Bautista Resurreccion 2323 SW 27 Ave	574.0				10	1		11	1	2								2
Smathers Senior Center 1040 SW 29 Ct	575.0				13	1		14	1	3								3
Coral Gate Park Community Center 1415 SW 32 Avenue	576.0				12	1		13	1	3								3
Silver Bluff Elementary School 2609 SW 25 Ave	579.0				13	1		14	1	3								3
Museum Of Science 3280 S Miami Ave	581.0	998.0			3	1		4	1	1		1						2
Museum Of Science 3280 S Miami Ave	582.0	973.0			13	1		14	1	3		1						4

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS									
	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
Miami Fire Station #8 2975 Oak Ave	583.0				7	1		8	1	2								2
Frankie S Rolle Service Center 3750 S Dixie Hwy	584.0				7	1		8	1	2								2
Elizabeth Virrick Park 3255 Plaza St	585.0	634.0			4	1		5	1	1	1							3
Miami Dade Water & Sewer Authority 3575 S Lejeune Rd	586.0	635.0	635.1		8	1		9	1	2	1		1					4
Plymouth Congregational Church 3400 Devon Rd	587.0				9	1		10	1	2								2
Curtis Park Community House 1901 NW 24 Ave	589.0	589.1	987.0		2	1		3	1	1	1		1		1			3
Malcolm Ross Senior Center 2800 NW 18 Ave	591.0	598.0			10	1		11	1	2	1							3
Citrus Grove Middle School 2153 NW 3 St	593.0	988.0			5	1		6	1	1	1							2
Coral Gables Congregational Church 3010 Desoto Blvd	601.0				7	1	2	10	1	2								2
First United Methodist Church of CG 536 Coral Way	602.0				5	1		6	1	2								2
Central Christian Church of Dade Co 222 Menores Ave	603.0	603.1			6	1		7	1	1	1							2
American Legion Post #98 303 Alhambra Cr	604.0	604.1			10	1	2	13	1	2	1	1						4
Coral Gables Youth Center 405 University Drive	605.0	605.1	605.2	605.3	11	1		12	1	1	1		1		0			3
	610.0	610.1			0	0		0	0	1	1							2
South Miami American Legion #31 7710 SW 59 Ave	606.0	606.1	671.0	671.1	14	1		15	1	2	1		1		1			5
Coral Gables Congregational Church 3010 Desoto Blvd	607.0	637.0	637.1		9	1		10	1	1	1		1	1				5
The Country Club of Coral Gables 997 N Greenway Dr	608.0				8	1		9	1	2								2
Coral Gables Sr High School 450 Bird Rd	611.0	638.0			7	1		8	1	1	1	1	1					4
St Augustine Catholic Church 1400 Miller Rd	612.0				4	1	3	8	1	1	1							2
Ponce De Leon Middle School 5801 Augusto St	613.0				6	1		7	1	2								2
Coral Gables Fire Station #2 525 S Dixie Hwy	614.0				4	1		5	1	1								1
Coco Plum Woman's Club 1375 Sunset Dr	615.0	619.0			10	1		11	1	2	1	1						4
Chamber South 6410 SW 80 St	616.0				5	1		6	1	2								2
Fire Rescue Station #3 11911 Old Cutler Rd	617.0				14	1		15	1	3								3
Pincrest Branch Library 5835 SW 111 Street	618.0	645.0	645.1		5	1		6	1	1	1		1					4
David Fairchild Elementary School 5757 SW 45 St	620.0	672.0			3	1		4	1	1	1	1						3
1st Utd Meth Church of South Miami 6565 Red Rd	621.0	673.0			12	1		13	1	2	1							3

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS									
	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
Palmetto Presbyterian Church 6790 SW 56 St	622.0	652.0	674.0	676.0	6	1		7	1	1		1		1		1		4
University Christian Church 6750 Sunset Dr	623.0	675.0	779.0		2	1		3	1	1		1		1				3
Coral Pine Park 6955 SW 104 Street	624.0	625.0			8	1		9	1	1		2						3
Christ The King Lutheran Church 11295 SW 57 Ave	626.0	648.0			2	1		3	1	1		1						2
Kendall United Methodist Church 7600 SW 104 St	627.0	647.0			8	1		9	1	2		1						3
Miami Palmetto Senior High School 7460 SW 118 St	628.0	649.0			10	1		11	1	1		1						2
Palmetto Elementary School 12401 SW 74 Ave	630.0				6	1		7	1	2								2
Palmetto Middle School 7351 SW 128 St	631.0	650.0			4	1		5	1	1	1	1						3
Bet Shira Congregation 7500 SW 120 St	632.0				9	1		10	1	2								2
Coral Gables Branch Library 3443 Segovia St	636.0				4	1		5	1	1	1							2
Bank United Center 1245 Walsh Avenue	639.0	639.1	640.0		14	1		15	1	1	1	1		2	1			6
Rivera Presbyterian Church 5275 Sunset Dr	641.0	644.0			5	1		6	1	1	1	1						3
University Christian Church 6750 Sunset Dr	642.0	642.1	653.0		5	1		6	1	1		1		1				3
Hope Lutheran Church 6330 Bird Road	651.0	665.0			3	1		4	1	1		1						2
Miami-Dade County Auditorium 2901 W Flagler St	670.0				13	1		14	1	3								3
Kendall Breeze HOA 12300 SW 125 Ct	699.0				4	1		5	1	1								1
Jorge Mas Canosa Middle School 15735 SW 144 St	700.0				3	1		4	1	1	1							2
Bowman Ashe/Doolin K-8 Academy 6601 SW 152 Ave	701.0				13	1		14	1	3								3
Lake Of The Meadows Recreation Ctr 4450 SW 152 Ave	702.0				21	1		22	1	4	1							5
Cypress Club of Kendale 14250 SW 62 St	703.0				13	1		14	1	3								3
Bent Tree Elementary School 4861 SW 140 Ave	704.0				10	1		11	1	2								2
West Bird Fire Station #37 4200 SW 142 Ave	705.0				11	1		12	1	2								2
Elim Missionary Assembly 11989 SW 56 St	706.0				11	1		12	1	2								2
German American Social Club 11919 SW 56 St	707.0				2	1		3	1	1	1							2
Royal Palm Elementary 4200 SW 112 Ct	708.0	709.0			11	1		12	1	1		1						2

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS										
	Polling Place Name and Address	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
Westwood Park 11350 SW 53 Tr	710.0					8	1		9	1	2								2
Devon Aire Elementary School 10501 SW 122 Ave	711.0					15	1		16	1	3								3
St Timothy Catholic School 5400 SW 102 Ave	712.0					9	1		10	1	2								2
Tropical Estates Recreation Center 10201 SW 48 Street	713.0					10	1		11	1	2								2
Miller Drive Park 5510 SW 94 Ct	714.0					8	1		9	1	2								2
Southwest Miami Sr High School 8855 SW 50 Tr	715.0					9	1		10	1	2								2
Tropical Park Community Center 7900 SW 40 St	716.0	780.0				5	1		6	1	2		0						2
South Miami Sr High School 6856 SW 53 St	717.0	794.0				12	1		13	1	2		1						3
Miami Elk's Lodge #948 10301 SW 72 St	718.0	718.1	778.0			4	1		5	1	1		1		1				3
Unitarian Universalist Congregation 7701 SW 76 Ave	719.0	795.0				15	1		16	1	3		1						4
Alpha & Omega Church 7800 SW 56 St	720.0	720.1				8	1		9	1	2		1						3
Kings Creek Village Rec Center 8333 SW 81 Ave	721.0	721.1				18	1		19	1	3	1	1	1					6
Snapper Creek Elementary School 10151 SW 64 St	722.0	726.0	726.1	726.2		12	1		13	1	1		1	1	1	1	1	1	6
Kendall Branch Library 9101 SW 97 Ave	723.0	723.1				5	1		6	1	1		1						2
Miami Elk's Lodge #948 10301 SW 72 St	724.0	724.1	777.0			9	1		10	1	1		1	1	1	1			5
Blue Lakes Elementary School 9250 SW 52 Tr	725.0					7	1		8	1	2								2
Sunset Park Elementary School 10235 SW 84 St	727.0					4	1		5	1	1								1
Ruth Owens Kruse Educational Center 11001 SW 76 St	728.0					12	1		13	1	3								3
Terra Environmental Research Institute 11005 SW 84 St	729.0					9	1		10	1	2								2
Snapper Creek Townhouse Rec Ctr 11200 SW 71 St	730.0	730.1				11	1		12	1	2		1						3
Cypress Elementary School 5400 SW 112 Ct	731.0					7	1		8	1	2								2
Howard Mc Millan Middle School 13100 SW 59 St	732.0					7	1		8	1	2								2
1Ra Ig Bautista De Coral Park 7441 SW 127 Ave	733.0					14	1		15	1	3								3
Kendale Lakes Elementary School 8000 SW 142 Ave	734.0	734.1	785.0			9	1		10	1	1	1	1		1				4

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS									
	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
Promenade Condominium Club House #2 14225 SW 88 St	735.0				10	1		11	1	2								2
Dante B Fascell Elementary School 15625 SW 80 St	736.0				16	1		17	1	3								3
Oliver Hoover Elementary School 9050 Hammocks Blvd	737.0				8	1		9	1	2								2
Felix Varela High School 15255 SW 96 St	738.0				15	1		16	1	3								3
Hammocks Fire Station #36 10001 Hammocks Blvd	739.0				7	1		8	1	2								2
Claude Pepper Elementary School 14550 SW 96 St	740.0				17	1		18	1	3	1							4
The Crossing Country Club 11578 SW 132 Ave	741.0				12	1		13	1	3								3
River Of Life Church 12333 SW 112 St	742.0	788.0			18	1		19	1	2		2						4
Devon Aire Park 10411 SW 122 Avenue	743.0				6	1		7	1	2								2
Calusa Elementary School 9580 W Calusa Club Dr	744.0	781.0			17	1		18	1	2		2						4
Riverside Baptist Church 10775 SW 104 Street	745.0	783.0			15	1		16	1	2		2						4
William Lehman Elementary School 10990 SW 113 Pl	746.0				4	1		5	1	1								1
Dave & Mary Alper Jewish Comm Ctr 11155 SW 112 Ave	747.0	747.1			11	1		12	1	2		1	1					4
Kendale Elementary School 10693 SW 93 St	748.0	786.0			8	1		9	1	1		1	1					3
Ron Ehmann Recreation Center 10995 SW 97 Ave	749.0	749.1			8	1		9	1	2		1						3
Kendall Church Of God 8795 SW 112 St	750.0	787.0			12	1		13	1	2		1						3
Grace Church Of Kendall 8100 SW 104 St	751.0				6	1		7	1	2								2
Continental Park/Dice House 10000 SW 82 Ave	752.0				8	1		9	1	2								2
Suniland Park 12855 S Dixie Hwy	753.0	753.1			12	1		13	1	1		2						3
Leewood Elementary School 10343 SW 124 St	754.0				9	1		10	1	2								2
Killian Pines UTD Methodist Church 10755 SW 112 St	755.0	755.1			7	1		8	1	1		1						2
Gloria Floyd Elementary School 12650 SW 109 Ave	756.0	756.1			13	1		14	1	2		1						3
Country Walk Park Recreation Center 14601 Country Walk Drive	757.0	191.0			31	1		32	1	5	1	1	1					8
Miami First Church of the Nazarene 17569 SW 147 Ave	758.0	791.0			19	1		20	1	4	1	1						6
South Kendall Community Church 16550 SW 147 Ave	759.0 790.1	759.1 790.2	759.2	790.0	41 0	1 0		42 0	1 0	2 1		5 1	1	1		0		9 2



**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS									
	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
Kendall Presbyterian Church 8485 SW 112 St	760.0	761.0			6	1		7	1	1	1	1						3
West Kendall Regional Library 10201 Hammocks Blvd	762.0	762.1			26	1		27	1	2		3	1					6
Miami Sunset Sr High School 13125 SW 72 St	763.0				9	1		10	1	2								2
Bowman Ashe/Doolin K-8 Academy 6401 SW 152 Ave	764.0				18	1		19	1	4	1							5
General Conference 7th Day Advent 8100 SW 117 Ave	765.0				10	1	2	13	1	2								2
Dr. Gilbert Porter Elem School 15851 SW 112 St	766.0	192.0	789.0		19	1		20	1	4	1	0		0				5
Heartland Health Care Center 9400 SW 137 Ave	767.0				14	1		15	1	3								3
Richmond Fire Station #43 13390 SW 152 St	768.0				2	1		3	1	1								1
Arvida Middle School 10900 SW 127 Ave	769.0				6	1		7	1	2								2
Kendall Village Center 8625 SW 124 Ave	770.0				2	1		3	1	1	1							2
Killian Pines UTD Methodist Church 10755 SW 112 St	771.0				6	1		7	1	2								2
Mc Millan Park 6125 SW 133 Avenue	772.0				11	1		12	1	2								2
Bird Lakes Park 14365 SW 48 Lane	773.0				13	1	3	17	1	3								3
Hammocks Middle School 9889 Hammocks Blvd	774.0				7	1		8	1	2								2
Westwind Lakes Park 6805 SW 152 Avenue	775.0				22	1		23	1	4	1							5
Eureka Park 18320 SW 119 Avenue	776.0				11	1		12	1	2								2
Cypress Club of Kendale 14250 SW 62 St	782.0				6	1		7	1	2								2
Kendall Village Center 8625 SW 124 Ave	784.0				6	1		7	1	2								2
Our Lady of Lodes Catholic Church 11291 SW 142 Ave	792.0				7	1		8	1	2								2
Kendale Lakes Branch Library 15205 SW 88 St	793.0	796.0	796.1	681.0	21	1		22	1	4	1	0		1		0		6
Miami-Dade County Fire Station #56 16250 SW 72 St	797.0				25	1		26	1	4	1							5
Eureka Villas Park 14301 SW 180 Street	798.0	200.0			19	1		20	1	1		3						4
Church of the Ascension 11201 SW 160 St	799.0	816.0			11	1		12	1	0		2						2
South Dade Regional Library 10750 SW 211 St	800.0	825.0			16	1		17	1	0		3						3
Sgt. Joseph Delancy Park 14375 Boggs Drive	801.0				8	1		9	1	2								2

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS										
	Polling Place Name and Address	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
Dorothy M. Wallace Cope Center South 10225 SW 147 Tr	802.0				8	1		9	1	2									2
Richmond Heights Middle School 15015 SW 103 Ave	803.0				7	1		8	1	2									2
Coral Reef Branch Library 9211 SW 152 St	804.0	804.1			9	1		10	1	2			1						3
Palmetto Bay Village Center 18001 Old Cutler Rd	805.0	820.0			16	1	2	19	1	1	1	3							5
Coral Reef Park 7895 SW 152 St	806.0				5	1		6	1	2									2
Howard Drive Elementary School 7750 SW 136 St	807.0				6	1		7	1	2									2
St Andrews Episcopal Church 14260 Old Cutler Rd	808.0	808.1			3	1		4	1	1		1	1						3
Christ Congregational Church 14920 SW 67 Ave	809.0	850.0			2	1		3	1	1		1							2
St. Richard Parish Center 7500 SW 152 St	810.0				14	1		15	1	3	1								4
Marlin Moore Post #133 16401 SW 90 Ave	811.0				7	1		8	1	2									2
Kingdom Covenant Church 10300 SW 162 St	812.0	812.1	842.0		13	1		14	1	2		1		1					4
Christ The King Catholic Church 16000 SW 112 Ave	813.0				17	1		18	1	3	1								4
Glendale Baptist Church 14580 SW 117 Ave	814.0				18	1		19	1	3									3
Children's Home Society 17501 SW 117 Ave	815.0				7	1		8	1	2									2
Colonial Drive Park 10750 SW 156 Terrace	817.0				7	1		8	1	2									2
Ethel K. Beckford Elementary School 16929 SW 104 Ave	818.0				6	1		7	1	2									2
Perrine-Peters UTD Methodist Church 18301 S Dixie Hwy	819.0				4	1		5	1	1									1
Perrine-Peters Utd Meth Church 18301 S Dixie Hwy	821.0				14	1		15	1	3	1								4
East Ridge Retirement Village 19301 SW 87 Ave	822.0				8	1		9	1	2									2
Cutler Ridge UTD Meth Church 20740 Old Cutler Rd	823.0				9	1		10	1	2									2
Pinelands Presbyterian Church 10201 Bahia Dr	824.0				5	1		6	1	2									2
R R Moton Elementary School 18050 Homestead Ave	826.0	826.1			4	1		5	1	1		1							2
Southridge Senior High School 19355 SW 114 Ave	827.0	851.0			20	1		21	1	3		2							5
Caribbean Elementary School 11990 SW 200 St	828.0	828.1			12	1		13	1	1		2							3
Upper Room Assembly Of God 19701 SW 127 Ave	829.0				4	1		5	1	1									1

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS									
	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
Christian Life Mission 14105 SW 184 St	830.0	848.0			2	1		3	1	1		1						2
Isaac A Withers Enrichment Center 21300 SW 122 Ave	831.0	831.1	967.0	967.1	15	1		16	1	1		2		1	1	1		6
Edward L Whigham Elementary School 21545 SW 87 Ave	832.0				6	1		7	1	2								2
Goulds Park 11350 SW 216 St	833.0	833.1	833.2	833.3	13	1		14	1	1		1		2		1		5
	843.0				0	0		0	0	1								1
Morning Star Baptist Church 22769 SW 120 Ave	834.0	966.0	966.1	966.2	9	1		10	1	1		1		1		2		5
	852.0				0	0		0	0	1								1
Iglesia Metodista Unida Peace 12755 Quail Roost Dr	835.0	969.0	845.0		16	1		17	1	1	1	2		1	1			6
Americana Village Condominium 19800 SW 180 Ave	836.0	836.1	970.0	970.1	12	1		13	1	1		1		1		1		4
	970.2	853.0	853.1		0	0		0	0	1		2	1	1				5
Southwood Middle School 16301 SW 80 Ave	837.0	844.0	954.0		10	1		11	1	2		1		0				3
South Miami Heights Elem School 12231 SW 190 Tr	838.0				2	1		3	1	1	1							2
Mt Pleasant Baptist Church 11591 SW 220 St	839.0	849.0			5	1		6	1	1		1	1					3
Palmetto Golf Course 9300 SW 152 St	840.0				4	1		5	1	1								1
Robert Morgan Vocational Tech Sch 18180 SW 122 Ave	841.0				7	1		8	1	2								2
Upper Room Assembly of God 19701 SW 127 Ave	846.0				8	1		9	1	2								2
Centennial Middle School 8601 SW 212 St	847.0	955.0	482.0		30	1		31	1	4	1	0		0				5
St Timothy Lutheran Church 8601 SW 199th St	854.0				11	1		12	1	2								2
Fruit and Spice Park 24801 SW 187 Ave	901.0	901.1	901.2	952.0	8	1		9	1	1		1		1		1		4
Silver Palm United Methodist Church 15855 SW 248 St	902.0	902.1	902.2	902.3	10	1		11	1	1		1	1	1		1		5
	941.0				0	0		0	0	1								1
Naranja Park Recreation Center 14150 SW 264 Street	903.0	942.0	942.1		9	1		10	1	2		1		1				4
Naranja Neighborhood Service Center 13955 SW 264 St	904.0				11	1		12	1	2								2
Iglesia Cristiana El Buen Samaritan 13550 SW 256 St	905.0	905.1	905.2	906.0	33	1	6	40	1	1	1	1	1	4	1	1		10
Vilgs of Homestd Audubon Club House 1851 S Canal Dr	907.0	907.1	907.2	907.3	28	1		29	1	2		1		1		1		5
	907.4	907.5	907.6	907.7	0	0		0	0	1	1	0		1		1		4
	949.0				0	0		0	0	2								2
Naranja Park Recreation Center 14150 SW 264 Street	908.0	944.0	944.1		4	1		5	1	1		1		1				3
New Beginnings Christian Fellowship 15300 SW 288 St	909.0	946.0			10	1		11	1	2		1						3
Hospital Alma Lutheran Church 29501 SW 152 Ave	910.0				12	1		13	1	3								3

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS									
	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
St Martin De Porres Catholic Church 14881 SW 288 St	911.0	911.1	931.0	931.1	18	1		19	1	2		1		1		1		5
Redlands Community Church 14601 SW 248 St	912.0	912.1	912.2	943.0	2	1		3	1	1		1		1		1		4
South Dade Park 28151 SW 164 Avenue	913.0	945.0			9	1		10	1	2		1						3
Agricultural Cooperative Ext Center 18710 SW 288 St	914.0				3	1		4	1	1	1							2
Homestead Community Center 1601 N Krome Ave	915.0				9	1		10	1	2	1							3
Homestead Family YMCA 1034 NE 8 St	916.0	916.1	917.0		7	1		8	1	2	1	1		1				5
Homestead Branch Library 700 N Homestead Blvd	918.0	918.1			7	1		8	1	1	1	1	1					4
Homstead Stadium-Clubhouse 1601 SE 28 Ave	919.0	919.1	919.2	919.3	27	1		28	1	1		1		3	1	2		8
	919.4	919.5	939.0		0	0		0	0	1		0		1				2
Phichol Williams Community Center 951 SW 4 St	920.0	920.1	935.0	964.0	6	1		7	1	2		1		0		0		3
Phichol Williams Community Center 951 SW 4 St	921.0	930.0			2	1		3	1	1		1						2
Florida City/Homestead Service Ctr 1600 NW 6 Ct	922.0				14	1		15	1	3								3
Florida City Town Hall 404 W Palm Dr	923.0	951.0			7	1		8	1	1		2						3
Redlands Community Church 14601 SW 248 St	924.0	950.0			2	1		3	1	1		1						2
Church of The Rock Jesus Christ Inc 22400 SW 112 Ave	925.0	947.0			2	1		3	1	1		1						2
West Homestead Elementary School 1550 SW 6 St	926.0	936.0	960.0		4	1		5	1	1		1		1				3
Martin Luther King Jr Clinic 810 W Mowry St	927.0	929.0			2	1		3	1	1		1						2
Goulds Church Of Christ 22800 SW 112 Ave	928.0	928.1	932.0	167.0	15	1		16	1	1		1	1	1		1		5
	167.1	957.0			0	0		0	0	2		0						2
South Dade Baptist Church 17105 SW 296 St	933.0	933.1	953.0	958.0	6	1		7	1	1		1		2		1		5
Waterstone Grand 4002 N Waterstone Way	934.0	888.0			11	1		12	1	2		1						3
Florida City Elementary School 364 NW 6 Ave	937.0	937.1	937.2	937.3	3	1		4	1	1		1		1		1		4
	937.4	938.0	961.0	962.0	0	0		0	0	0		1		1		0		2
Campbell Drive Middle School 900 NE 23 Ave	940.0	948.0			2	1		3	1	1	1	0						2
Goulds Park 11350 SW 216 St	956.0	872.0			2	1		3	1	1		0						1
Stonegate Community 1020 NE 34 Ave	959.0				3	1		4	1	1	1							2
Community Plaza 777 W Palm Dr	963.0	963.1			2	1		3	1	1		1	1					3
Morningside Elementary School 6620 NE 5 Ave	978.0				4	1		5	1	1								1
Malcolm Ross Senior Center 2800 NW 18 Ave	981.0	982.0			5	1		6	1	1	1	1						3

**ATTACHMENT 3 - ELECTION DAY EQUIPMENT DEPLOYMENT, 2012 PRESIDENTIAL ELECTION**

POLLING LOCATION	PRECINCTS				PRIVACY BOOTHS				DS200 - OPTICAL SCANNERS									
Polling Place Name and Address	Precinct	Collocated Precinct	Collocated Precinct	Collocated Precinct	Original	ADA Original	Net Added	Total	Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
St Dominic Gardens Inc 5849 NW 7 St	991.0	992.0	992.1		5	1		6	1	1	1	1		1				4
					Original	ADA Original	Net Added	Total Booths	Total Audio iVos	Original	Net added	Original	Net added	Original	Net added	Original	Net added	Total
					5,384	583	39	6,006	583	1,083	105	328	44	110	16	43	2	1,729

## ATTACHMENT 4 - POLLS CLOSED AFTER MIDNIGHT, 2012 PRESIDENTIAL ELECTION

Rank	Precinct(s)	Polling Place Name	Polling Place Address	Total Registered Voters	Election Day Voters	Last Voter Voted	Time Reported Closed	Optical Scanners	Privacy Booths	Poll Workers	Square Footage
1	200 / 798	Eureka Villas Park	14323 SW 180th Terrace	4,235	1,143	01:18 AM	01:27 AM	4	20	13	552
2	905 / 906	Iglesia Cristiana El Buen Samaritan	13550 Southwest 256th Street	6,995	1,482	01:16 AM	01:49 AM	7+1=8	34	15	2,164
3	762	West Kendall Regional Library	10201 Hammocks Boulevard #159	5,607	1,290	01:14 AM	02:08 AM	5+1=6	27	12	1,400
4	191 / 757	Country Walk Park Recreation Ctr	14601 Country Walk Drive	6,529	1,955	12:30 AM	01:31 AM	6+1=7	32	16	1,488
5	541 / 984	Miami Fire Station #4	1105 SW 2nd Avenue	5,383	1,355	12:30 AM	01:35 AM	4	21	11	882
6	790 / 759	South Kendall Community Church	16550 Southwest 147th Avenue	8,445	2,076	12:12 AM	01:19 AM	10	42	10	2,109
7	372 / 304	Country Village Park	6550 NW 188 Terrace	7,708	1899	11:57 PM	12:21 AM	7	38	12	1,210
8	408	Fontainebleau Milton Rental Apt.	9517 Fontainebleau Boulevard	3,880	1,096	11:53 PM	12:33 AM	3	18	10	597
9	452	Eugenia B. Thomas Elementary	5950 Northwest 114th Avenue	3,416	1,035	11:53 PM	12:45 AM	3	16	10	834
10	351	The Moors Club Center	17320 NW 65th Avenue	4,859	1,661	11:53 PM	12:57 AM	4	22	12	1,728
11	359	Roberto Casas Park	7900 West 32nd Avenue	4,437	1,211	11:49 PM	12:30 AM	4	20	10	1,700
12	388	West Hialeah Gardens Elementary	11990 Northwest 92nd Avenue	3,030	946	11:48 PM	12:38 AM	3	13	10	788
13	277 / 246	Mount Zion Apostolic Temple	9300 NW 32nd Ave	2,610	687	11:31 PM	12:11 AM	3	11	10	759
14	939 / 919	Homestead Stadium Clubhouse	1601 SE 28 Avenue	5,657	1316	11:25 PM	12:23 AM	9	28	10	1,800
15	702	Lake of The Meadows Rec. Center	4450 SW 152nd Avenue	4,702	1,530	11:25 PM	12:40 AM	4	22	11	2,700
16	403	La Catedral Del Pueblo	190 Northwest 79th Avenue	5,548	1,354	11:19 PM	12:29 AM	5	26	12	1,520
17	775	Westwind Lakes Park	6805 SW 152nd Avenue	5,000	1,385	11:13 PM	12:45 AM	4	23	10	1,008
18	949 / 907	Vilgs of Homestead Audubon Club House	1851 South Canal Drive	5,992	1353	11:10 PM	12:24 AM	10	29	11	1,000
19	955 / 847 / 482	Centennial Middle School	8601 Southwest 212th Street	6,434	1767	11:05 PM	12:24 AM	4	31	12	1,110
20	957 / 932 / 928 / 167	Goulds Park	11350 SW 216 Street	3,633	1,038	11:04 PM	12:27 AM	6	16	14	790
21	569 / 995	Stanley Axlrod UTD Towers, Inc.	1809 Brickell Avenue	7,169	1746	10:40 PM	12:21 AM	8	34	13+19=32	1,900
22	360	Ernest R. Graham K-8 Center	7330 West 32nd Avenue	3,627	1226	10:24 PM	12:07 AM	3	16	10	540
23	568 / 524	Simpson Park Recreation Building	55 SW 17th Road	2,935	812	09:59 PM	01:00 AM	6	13	10	1,553
24	176 / 147	Sen. Gwen Margolis Community Ctr	1590 NE 123rd Street	1,133	416	07:35 PM	12:24 AM	2	5	12	3,000