

MEMORANDUM

Agenda Item No. 11(A)(2)

TO: Honorable Chairman Oliver G. Gilbert, III
and Members, Board of County Commissioners

DATE: October 1, 2024

FROM: Geri Bonzon-Keenan
County Attorney

SUBJECT: Resolution relating to the installation and maintenance of automated external defibrillators and Stop the Bleed kits in County facilities; directing the County Mayor to install additional defibrillators and kits in County facilities in accordance with best practices and utilizing legally available funds, consistent with existing County policy as stated in Resolution No. R-1210-20, and requiring a report

Resolution No. R-884-24

The accompanying resolution was prepared and placed on the agenda at the request of Prime Sponsor Commissioner Micky Steinberg.



Geri Bonzon-Keenan
County Attorney

GBK/ks



MEMORANDUM

(Revised)

TO: Honorable Chairman Oliver G. Gilbert, III
and Members, Board of County Commissioners

DATE: October 1, 2024

FROM: 
Glen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 11(A)(2)

Please note any items checked.

- _____ **“3-Day Rule” for committees applicable if raised**
- _____ **6 weeks required between first reading and public hearing**
- _____ **4 weeks notification to municipal officials required prior to public hearing**
- _____ **Decreases revenues or increases expenditures without balancing budget**
- _____ **Budget required**
- _____ **Statement of fiscal impact required**
- _____ **Statement of social equity required**
- _____ **Ordinance creating a new board requires detailed County Mayor’s report for public hearing**
- _____ **No committee review**
- _____ **Applicable legislation requires more than a majority vote (i.e., 2/3’s present ____, 2/3 membership ____, 3/5’s ____, unanimous ____, majority plus one ____, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) ____, CDMP 2/3 vote requirement per 2-116.1(3) (h) or (4)(c) ____, CDMP 9 vote requirement per 2-116.1(4)(c) (2) ____) to approve**
- _____ **Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required**

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 11(A)(2)
10-1-24

RESOLUTION NO. R-884-24

RESOLUTION RELATING TO THE INSTALLATION AND MAINTENANCE OF AUTOMATED EXTERNAL DEFIBRILLATORS AND STOP THE BLEED KITS IN COUNTY FACILITIES; DIRECTING THE COUNTY MAYOR OR COUNTY MAYOR’S DESIGNEE TO INSTALL ADDITIONAL DEFIBRILLATORS AND KITS IN COUNTY FACILITIES IN ACCORDANCE WITH BEST PRACTICES AND UTILIZING LEGALLY AVAILABLE FUNDS, CONSISTENT WITH EXISTING COUNTY POLICY AS STATED IN RESOLUTION NO. R-1210-20, AND REQUIRING A REPORT

WHEREAS, on November 19, 2020, this Board adopted Resolution No. R-1210-20, which established a policy that existing automated external defibrillators and Stop the Bleed kits installed at County facilities shall be adequately maintained and monitored, and directed the County Mayor to identify additional County facilities that would benefit from the installation of automated external defibrillators and Stop the Bleed kits, and to install the devices at those locations; and

WHEREAS, in a follow-up report dated March 9, 2021 and attached hereto as Exhibit “A”, the County Mayor determined that the County would benefit from adding approximately 487 additional automated external defibrillators and 256 Stop the Bleed kits at various County facilities; and

WHEREAS, according to the American Heart Association, more than 350,000 cardiac arrests occur outside the hospital in the United States each year; and

WHEREAS, cardiac arrest is caused by a life-threatening abnormal heart rhythm that can result from a heart attack, respiratory arrest, electrocution, drowning, choking, or trauma, or it can have no known cause; and

WHEREAS, chances of survival from sudden cardiac arrest diminish 7 to 10 percent for each minute without immediate cardiopulmonary resuscitation or defibrillation, and after ten minutes, resuscitation rarely succeeds; and

WHEREAS, an automated external defibrillator is an electronic device designed to analyze a person's heart rhythm and to deliver an electric shock to a victim of sudden cardiac arrest to restore the heart rhythm to normal; and

WHEREAS, according to the Florida Department of Health, bleeding is one of the most common injuries among survivors of an emergency, and rapid loss of blood can result in death within five minutes; and

WHEREAS, Stop the Bleed is a national awareness campaign and call to action adopted by the Florida Department of Health, aimed at decreasing preventable deaths through bleeding control; and

WHEREAS, Stop the Bleed kits provide the user with supplies designed to stop traumatic hemorrhaging; and

WHEREAS, life-threatening emergencies can happen without warning, and emergency responders might not be nearby; and

WHEREAS, those nearest someone with life-threatening injuries are best positioned to provide first care and significantly increase a person's chance of survival; and

WHEREAS, automated external defibrillators and Stop the Bleed kits, when used correctly, can save lives during an emergency; and

WHEREAS, for these devices to be most effective, it is important that they be present in locations where they can be accessed and used quickly, in a matter of minutes; and

WHEREAS, this Board acknowledges and supports the existing County policy established by Resolution No. R-1210-20; and

WHEREAS, nearly four years have passed since this Board's adoption of Resolution No. R-1210-20, and this Board desires an update to confirm that automated external defibrillators and Stop the Bleed kits are sufficiently located across County facilities and readily accessible in the event of an emergency, consistent with best practices,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that:

Section 1. The foregoing recitals are approved and incorporated as if fully set forth herein.

Section 2. Existing automated external defibrillators and Stop the Bleed kits already installed at County facilities shall continue to be adequately maintained and monitored in accordance with the County policy established in Resolution No. R-1210-20.

Section 3. The County Mayor or County Mayor's designee shall reevaluate whether the County would benefit from the installation of additional automated external defibrillators and Stop the Bleed kits at County facilities and shall install those devices at the identified locations. The placement of existing and new automated external defibrillators and Stop the Bleed kits at County facilities should be consistent with current best practices and industry standards, and such devices should be readily accessible in the event of an emergency. The County Mayor or County Mayor's designee is also directed to ensure that County personnel are given access, on a voluntary basis, to appropriate training resources and guidelines regarding the use and placement of automated external defibrillators and Stop the Bleed kits. Such training may be live or by video or written materials.

Section 4. The County Mayor or County Mayor's designee is directed to utilize legally available funds to the maximum extent possible from the Fiscal Year 2024-2025 Budget to install additional automated external defibrillators and Stop the Bleed kits at the newly identified locations and to repair or replace any automated external defibrillators at County facilities that are not in good working order. The County Mayor or County Mayor's designee may also apply for grants to fund the purchase or repair of defibrillators and kits. If no funding sources are identified, the County Mayor is directed to include an allocation of sufficient funds to install and repair or replace the automated external defibrillators and Stop the Bleed kits in accordance with this resolution in the proposed Fiscal Year 2025-2026 County Budget.

Section 5. The County Mayor or County Mayor's designee is directed to provide this Board with a written report regarding these directives, which shall include, at a minimum: (1) the status of the program, including the installation of the automated external defibrillators and Stop the Bleed kits previously identified in the 2021 report attached hereto as Exhibit "A"; (2) the additional locations identified for installation of new automated external defibrillators and Stop the Bleed kits; and (3) the details of the fiscal impact of implementing this resolution, and the identified funding sources. The County Mayor or County Mayor's designee shall provide the report to this Board within 90 days of the effective date of this resolution and place the completed report on an agenda of the full Board without committee review pursuant to rule 5.06(j) of the Board's Rules of Procedure.

The Prime Sponsor of the foregoing resolution is Commissioner Micky Steinberg. It was offered by Commissioner **Anthony Rodriguez**, who moved its adoption. The motion was seconded by Commissioner **Danielle Cohen Higgins** and upon being put to a vote, the vote was as follows:

Oliver G. Gilbert, III, Chairman	aye		
Anthony Rodríguez, Vice Chairman	aye		
Marleine Bastien	aye	Juan Carlos Bermudez	aye
Kevin Marino Cabrera	aye	Sen. René García	aye
Roberto J. Gonzalez	absent	Keon Hardemon	aye
Danielle Cohen Higgins	aye	Eileen Higgins	absent
Kionne L. McGhee	aye	Raquel A. Regalado	aye
Micky Steinberg	aye		

The Chairperson thereupon declared this resolution duly passed and adopted this 1st day of October, 2024. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this resolution and the filing of this approval with the Clerk of the Board.



MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

JUAN FERNANDEZ-BARQUIN, CLERK

By: Basia Pruna
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

KMM

Kevin Marker

Memorandum



Date: March 9, 2021

Agenda Item No. 2(B)(2)

April 20, 2021

To: Honorable Chairman Jose "Pepe" Diaz
and Members, Board of County Commissioners

From: Daniella Levine Cava
Mayor

A handwritten signature in cursive script that reads "Daniella Levine Cava".

Subject: Response to Resolution Regarding Automated External Defibrillators and Stop the Bleed Kits in County Facilities - Directive No. 202053

This report is provided pursuant to Resolution No. R-1210-20, adopted by the Board of County Commissioners (Board) on November 19, 2020, directing the County Mayor to provide a report regarding the use of automated external defibrillators and Stop the Bleed Kits in County buildings. Specifically, the resolution directed the County Mayor to (1) identify additional County facilities that would benefit from the installation of defibrillators and kits, and install these devices at the identified locations; (2) utilize legally available funding to the maximum extent possible from the Fiscal Year 2020-2021 County Budget to install additional defibrillators, including pediatric attenuated pads and kits at the newly identified locations, and to repair or replace any defibrillator at County facilities that are not in good working order; (3) include an allocation of sufficient funds if no funding sources are identified to install and repair or replace the defibrillators in the proposed Fiscal Year 2021-2022 County Budget; and (4) and to provide a report that identifies the fiscal impact of the resolution, including ongoing maintenance costs associated with the installation of these device, and the identified funding sources, or why such funding sources cannot be identified.

The Internal Services Department conducted a countywide survey requesting details from all departments on the condition of defibrillators and kits located throughout County facilities. County departments were asked to identify additional locations within their facilities that would benefit from installing defibrillators and kits, analyze the fiscal impact for existing and new defibrillators and kits, verify short and long-term performance, and identify current and future funding sources. The attached table illustrates these responses from each department.

Based on the information received, the County has approximately 2,577 defibrillators and 304 kits in service at various locations. Twelve departments identified additional locations that would benefit from these additional devices, totaling approximately 487 additional defibrillators and 256 kits at various locations, including Animal Services, Aviation, Community Action and Human Services, Corrections and Rehabilitation, Cultural Affairs, Fire, Internal Services, Library, Parks, Police, Transit, and Water and Sewer facilities.

The Office of Management and Budget's Grants Coordination Division will assist County departments in applying for potential grants to fund the purchase of defibrillators. During the current fiscal year, County departments will purchase the defibrillators and kits, when possible and to the extent current contract allocations allow, and will fund the remaining purchases through the Fiscal Year 2021-22 County Budget. Ongoing maintenance expenditures for the devices will be considered in the development of the proposed Fiscal Year 2021-22 County Budget. Based on the information gathered, the average cost of a defibrillator unit may range between \$400 to \$2,500 and the kits may range between \$50 to \$100.

Multiple contracts are in place for departments to access additional devices; specifically, *Contract No. OK-SW-300* and *Contract No. OK-SW-300(S)* are effective and available for the purchase of defibrillators and accessories by certain manufacturers. The County also has contracts for the purchase of safety supplies

that includes the purchase of Stop the Bleed kits. Departments may require additional expenditure authority on some of these contracts in order to expand the placement of defibrillators and kits as directed by Resolution No. R-1210-20, which may require Board approval.

This report will be placed on the next available Board agenda pursuant to Ordinance No. 14-65. Should you need further information, please contact Tara C. Smith, Director, Internal Services Department, at 305-375-5873.

Attachment

c: Geri Bonzon-Keenan, County Attorney
Gerald K. Sanchez, First County Attorney
Jess M. McCarty, Executive Assistant County Attorney
Office of the Mayor Senior Staff
Department Directors
Tara C. Smith, Director, Internal Services Department
David Clodfelter, Interim Director, Office of Management and Budget
Jennifer Moon, Chief, Office of Policy and Budgetary Affairs,
Yinka Majekodunmi, Commission Auditor
Melissa Adames, Director, Clerk of the Board Division
Eugene Love, Agenda Coordinator

**Countywide Survey – Automated External Defibrillator Devices and Stop the Bleed Kits
Resolution No. R-1210-20**

Department	Current Facilities	Defibrillators	Stop the Bleed Kits (Existing/Proposed)	Additional Sites Identified for Defibrillators and/or Stop the Bleed Kits	Fiscal Impact New/Existing	Performance (Short and Long-Term)	Funding Source	Additional Information
Animal Services	1	5	Projected to purchase 5 kits	1 defibrillator needed at Wellness Clinic Lobby and kits at various locations	\$18,950 projection to purchase 1 LifePak CR Plus, 5 kits, and yearly maintenance cost	The maintenance will be about \$3,000 every 4 years (cost to replace battery).	General Fund	All defibrillators are located throughout the Doral Shelter. Animal Services will be purchasing Stop the Bleed kits for the first time.
Aviation	10 ¹	78	37	7	Aviation budgets \$50,000 per fiscal year for the replacement of outdated and/or non-serviceable defibrillators. The defibrillators are a line item of the Human Resources Capital Budget of Risk Management & Support Services.	LifePak 1000 Defibrillators are being phased out and replaced by the LPCR2. Cost of maintenance for the 30 LPCR2 Defibrillators per unit (MDAD recommendation): \$370 per year per unit (5-year service plan totaling \$55,800).	Proprietary (Revenue Fund)	Miami-Dade Fire Rescue requires Risk Management to maintain at a minimum, 10 updated defibrillators on hand to cover any new expansion and/or new areas of use at the Terminal and office buildings. Twenty existing defibrillators (500 model) will be replaced on an annual basis until the existing outdated 500 model, whether outdated or non-serviceable, have been replaced.
Community Action and Human Services	6	6	64	58	No Response Received	No Response Received	No Response Received	
Corrections	9	62	Each Corrections facility housing inmates has a medical clinic with 24-hour medical personnel. They are stocked with items similar to those found in a kits, so the kits would not be necessary.	8 (defibrillator locations will be based on operational needs)	No Response Received	The department does not have a maintenance contract for the defibrillators as they are reliable for 5 years, including the batteries. The department inspects the defibrillators on a daily basis, replace batteries as needed, and Corrections Health Services also inspects the units for continued use. Corrections does budget for \$15,000 to replace the electrodes and batteries after each use.	General Fund	The department has medical providers from Corrections Health Services in every facility, on every shift who respond and render medical care as needed.

MDC010

¹ Location of defibrillators and kits: Airside Operations Office, Building 719, Building 3030, Building 3040, Homestead X51 Airport, Landside Operations Office, MIA Terminals (D, E, F, G, H, J), Opa-Locka Airport, South Central Building, and Tamiami Executive Airport

**Countywide Survey – Automated External Defibrillator Devices and Stop the Bleed Kits
Resolution No. R-1210-20**

Department	Current Facilities	Defibrillators	Stop the Bleed Kits (Existing/Proposed)	Additional Sites Identified for Defibrillators and/or Stop the Bleed Kits	Fiscal Impact New/Existing	Performance (Short and Long-Term)	Funding Source	Additional Information
Cultural Affairs	2	5	7	4	\$2,500 (Maintenance)	\$2,500, per year	General Fund	The department intends to purchase 16 Stop the Bleed kits for 2 facilities and 4 defibrillators for 3 facilities.
Fire	3	143 (includes vehicles with standard defibrillators only)	All Advanced Life Support and Rescues are equipped with Stop the Bleed kits.	10 (Headquarters, South Shop and North Shop)	\$25,000 (for 10 additional Defibrillators)	The ongoing cost for the 10 additional defibrillators will be added to the current MDRF maintenance contract which is \$2,580.	MDRF Fire District Operating Budget	All fire response vehicles have a LifePak 15, which is an enhanced defibrillator, and Stop the Bleed kits.
Housing	1	1	The department does not require additional kits at time of survey	No Response Received	No Response Received	No Response Received	No Response Received	Current facility is Helen Sawyer ALF.
Internal Services	32	123	161	24 additional sites identified (86 new defibrillators and 86 Stop the Bleed kits)	Estimated purchase and maintenance costs for new/proposed defibrillators and kits over five year period is \$246,800.	Maintenance and replacement costs for existing defibrillators and kits owned by Internal Services at managed facilities for 5 years is \$310,100.	General Fund	Internal Services manages facilities for some departments and agencies. ²
Juvenile Services	1	2	2	No additional sites identified	No Response Received	The ongoing maintenance cost consists of replacement of the 2 defibrillator packs upon expiration. These packs require replacement every 2 years and the current cost is \$252 (\$126 each).	General Fund	
Library	1	1	4	Install defibrillators and kits at 49 branch libraries, 3 bookmobiles and 1 Technobus	\$80,000	\$10,000 annually	Library Taxing District	

MDC011

² Internal Services installs and maintains defibrillators for the Office of the Mayor, RER, Finance, OMB, Human Resources, Audit and Management, Transportation Planning Organization, Communications, Medical Examiner Building, Elections, and ITD. These facilities are managed by ISD and are included in the 123 defibrillators mentioned in the table. There are 23 defibrillators located at Internal Services facilities but that are maintained by Police, State Attorney's Office, Juvenile Assessment Center, and the Public Defender. These 23 devices were not included in the 123 units managed by ISD.

Countywide Survey – Automated External Defibrillator Devices and Stop the Bleed Kits
Resolution No. R-1210-20

Department	Current Facilities	Defibrillators	Stop the Bleed Kits (Existing/Proposed)	Additional Sites Identified for Defibrillators and/or Stop the Bleed Kits	Fiscal Impact New/Existing	Performance (Short and Long-Term)	Funding Source	Additional Information
Parks	49	60	Do not have kits	3 sites identified for placement of 37 defibrillators and 68 kits (aquatics, community centers, and Zoo Miami)	New defibrillator installations - \$110,815 New Stop the Bleed kits installations - \$6,120	\$18,344	General Fund and/or Grant Funds	
Police	Countywide	1,988 (assigned to individual officers)	MDPD certifies officers in Emergency Wound Care and Tactical LifeSaver, which entails stop the bleed training in an advanced capacity. Upon successful completion of the class, officers are issued an Emergency Wound Care Kit, which they carry on their person; 1 tourniquet and 2 chest seals.	It is estimated that MDPD could utilize an additional 200 defibrillators to efficiently equip all facility offices.	MDPD's total funding allocation for FY2020-21 for defibrillators is currently \$917,000 (\$697,000 for financing of 2,000 units, \$170,000 for electrodes, and \$50,000 for batteries to maintain the existing inventory).	The ongoing maintenance of MDPD's current defibrillators are included in MDPD's General Fund allocation. Approval will be requested that the additional 200 defibrillators, if added to the existing contract, be included in the General Fund allocation to maintain continuity and to adhere to contractual obligations.	General Fund	There are an additional 70 defibrillators stationed at 25 MDPD facilities. These devices are available for use by MDPD employees.
PortMiami	12	18 ³	In all Police patrol cars – purchased by PortMiami	No additional sites identified	The defibrillator units are provided and maintained by the MDPD	The defibrillator units are provided and maintained by the MDPD	No Response Received	PortMiami purchased defibrillators and kits for every single Miami-Dade Police Seaport Officer after the Fort Lauderdale Airport shooting incident. The officers carry the units inside their patrol cars at all times. If there is any type event when an officer responds, they have it with them. In addition, PortMiami has a Fire Station on site.

MDC012

³ Included in MDPD defibrillator count

**Countywide Survey – Automated External Defibrillator Devices and Stop the Bleed Kits
Resolution No. R-1210-20**

Department	Current Facilities	Defibrillators	Stop the Bleed Kits (Existing/Proposed)	Additional Sites Identified for Defibrillators and/or Stop the Bleed Kits	Fiscal Impact New/Existing	Performance (Short and Long-Term)	Funding Source	Additional Information
Solid Waste	8	28	29	No additional sites identified	\$42,070	Defibrillators do not need maintenance only a change of battery every 5 years. The warranty is for 5 years but, the vendor provides an extended warranty free for 2 additional years included in price for a total of 7 years. The warranty does not include the batteries or pads which should be changed every 5 years. They cost \$1,350 plus \$80 for the case.	Proprietary and General Funds	
Transit	None are currently deployed	None are currently deployed	None are currently deployed	Transit will deploy 78 units (1 bleed kit and 1 defibrillator) in common area locations which includes MetroRail stations and yard, bus facilities and terminals and MetroMover maintenance shop.	The initial expense for the defibrillators and kits will be \$227,580.	The annual recurring expense will be \$28,665.	Facilities Operating Budget	
Water and Sewer	1	5	86 kits proposed will be placed next to the defibrillators	21 additional sites for defibrillators	Fiscal Impact for proposed purchases: 41 Wall Mounted Defibrillators - \$69,700; 81 portable Defibrillators - \$121,000; 41 pending delivery or approval phase Total Monthly Maintenance funded through Safety Unit Budget F2022 for 163 defibrillator units - \$4,890 86 proposed Stop the Bleed Kits \$4,300	If unit is used replacement of batteries (\$40) and pads (\$200) is required – Anticipate at most replacement of 5 sets of batteries and pads - \$1200 annually. Pads and battery replacement is anticipated after 5 years = \$40,320	Capital Budgets	Current site is North District WWTP. New defibrillator purchases are in various phases.

MDC013