



# City of Isle of Palms

Ribbon Cutting

Public Safety Building  
30 J.C. Long Boulevard

5:30PM

Friday, September 25, 2009

## Mayor

Richard F. Cronin

## Mayor, 2002-2008

F. Michael Sottile

## City Council Members

Barbara Bergwerf  
J. Martin Bettelli  
Ryan L. Buckhannon  
Brian J. Duffy  
Leola A. Hanbury, 2002-2007  
Michael G. Loftus  
John R. Marino, Sr. 2000-2007  
Jane Rosso McMackin, 2004-2007  
Ralph B. Piening  
Carol M. Rice  
Dryden G. Taylor

## City Administrator

Linda Lovvorn Tucker

## Fire Chief

Ann M. Graham

## Police Chief

Thomas E. Buckhannon, III



## **Program**

Welcome and Introduction of Mayor	Linda Lovvorn Tucker City Administrator
Call for Presentation of Colors	Dick Cronin Mayor
Presentation of Colors	Honor Guard Isle of Palms Police and Fire Departments
Pledge of Allegiance	
Introduction of Special Guests	Dick Cronin
Presentation by State Representative Sottile	F. Michael Sottile
Comments from Mayor	Dick Cronin
Comments from Public Safety Chair	Ryan Buckhannon
Comments from Fire Chief	Ann M. Graham
Comments from Police Chief	Thomas E. Buckhannon, III
Tribute to Fallen Public Safety Personnel Moment of Silence	
Call to Ribbon	Dick Cronin

## Ribbon Cutting

Enjoy refreshments served throughout the building.

## **Public Safety Building Facts**

- The building is resistant up to 130 mph wind speeds.
- The building is flood-proofed.
- The lobby separation walls at the Departments are protected with Level 3 Bullet-Resistant Glazing and Wall construction.
- The missile “D” impact-resistant windows are rated for 150 mph winds.
- The building contains 36 pressure-equalizing flood vents.
- The building contains an emergency generator powering critical spaces for both departments.
- The color of the apparatus bay doors is “Fireweed.”
- The four-fold doors open at a speed of 2 feet per second.
- A three-story brass fire pole is located in the rear stairwell.
- The building incorporates three levels of operations and living space below the 40 foot height limitation.
- The structure incorporates an Emergency Operations Center with the Training room on the second floor.
- The Fire Department contains a Sparky room for children’s interactive education. This space also recycles fire poles that were part of the previous stations.
- A fire pole from the previous station is re-used as part of the kitchen area.
- A workout facility encourages employee participation in the City Wellness program.



**Employee Fitness Room**

## Public Safety Building Dimensions and Measurements

### Departmental Square Footage

Fire	5,640
Police	7,029
Common	4,889
Fire Apparatus Bays	4,306
Fire Bays Support Area	2,144
<u>Police Secure Parking</u>	<u>6,667</u>
<i>Total Square Footage</i>	<i>30,675</i>

### Building Height

From Center of Road	39'-3 ½"
Approx. Height of Training Stairs	39' to Stair Roof
Height of Fire Bay	30'-4" to top of Roof
Height of Police Wing	28'-10 ½" to top of Roof

### Parking

Spaces Inside	11 Police, 4 Fire Bays
Spaces Outside	26 Secure, 107 Public

### Depth and Number of Pilings

84 feet deep, 153 piles

### Cost of Building

Total Cost of Construction and Design	Approx. \$6,700,000
Cost per Square Foot	\$216

## **Fire Department Training Features**

- The front stairwell tower doubles as a training tower and accommodates hose advancing training, high-angle rescue training, dry standpipe training, flow water training and ladder training.
- A Fire Department Connection (FDC) on the front of the building feeds a multi-level standpipe system allowing for training for incidents in high-rise structures, like those seen in the island's condominium complexes.
- The FDC also supplies a multi-head sprinkler system, which includes all versions of sprinkler heads encountered in commercial and multi-residential occupancies.
- A window on the 4<sup>th</sup> level of the stairwell opens outward and can be used for training with the aerial apparatus.
- Heavy-duty anchors have been installed on the 4<sup>th</sup> level to accommodate high-level rope rescue training and hoisting equipment.
- The elevated training platform in the apparatus bay facilitates practice hoisting personnel and equipment, as well as rope and knot-tying skills.
- The center grate on the training platform can be removed to allow for the raising or lowering of personnel and equipment similar to a confined-space situation.
- The center swing gate on the training platform opens and allows ground-ladder training even during inclement weather.
- A window allows personnel to ladder the exterior of the building and transition from a ground ladder into the interior of the building.
- Heavy-duty rappelling anchors on the wall adjacent to the training platform accommodate high-level rope rescue training.
- A doorway built into the brick-and-concrete support for the training platform accommodates a forcible entry door prop, donated by volunteer firefighter Ed Henry.
- The shared Police and Fire training room contains technology for complete integration of classroom activities. Each of the 32 seats is capable of supporting a personal computer with internet access. The LCD projector mounted in the ceiling has a dedicated computer, and other audio visual equipment is connected directly to the projector. A sound system with amplifier is located in the ceiling. A portable SMART board is placed at the front of the room. Two 42-inch flatscreen TVs mounted on either side of the room are connected to the computer.
- The facility provides the Department the capabilities to host a wide variety of training classes.



**Police and Fire Shared Training Room & Potential Emergency Operations Center**



**Front Stairwell Training Tower with Hose and Standpipe**

## **Police Department Features**

- Two separate interview rooms accommodate separate circumstances. The “soft” interview room is a comfortable environment in which initial reports and complaints can be filed, and a second interview room allows suspects to be questioned safely.
- Secure evidence facilities are accessible only to authorized personnel and provide evidence storage, including refrigeration.
- Evidence processing facilities include a ventilation hood, allowing for chemical testing and processing of substances in evidence.
- An evidence garage allows for processing and evidence collection on vehicles and other large items taken into custody.
- A secured records room maintains incident reports available by request.
- The squad room is a gathering place for roll-call, shift changes and personnel meetings.
- Telecommunications includes a state-of-the-art 911 system and monitoring of the entire building with exterior visibility.
- Four kennels are available in the Police parking area to safely house lost and at-large animals.
- A gated garage area – called the “Sallyport” – and a separate elevator lead to a processing room with secure restroom and interview facilities, allowing prisoners to be taken into custody safely away from the rest of the building.
- A data room houses the City’s network and phone systems.
- The Commission on Accreditation of Law Enforcement Agencies (CALEA), which awarded the Isle of Palms Police Department accreditation in 2002 and re-accreditation in 2005 and 2008, recommended separation of prisoner processing areas and secure interview rooms, both of which have been incorporated into the building’s design.



**Evidence Processing and Ventilation Hood**

## **Environmental “Green” Features**

- A solar water heating system with solar panels is located on the low-slope roof.
- Pervious concrete paving and permeable slag paving are in the public parking area.
- Energy efficient HVAC systems offer reduced operating costs versus standard systems as well as reduced use of resources.
- Energy efficient lighting fixtures and systems were used. Occupancy sensor systems limit the amount of time unoccupied spaces are lit.
- Efficient plumbing fixtures were used to meet the latest in efficient code requirements.
- Materials with higher levels of recycled content, but having durability, ensure longer material life, thus cutting down on waste and replacement cost.
- Combustible materials were avoided, and mold-resistant drywall deters the growth of mold and comply with Fire District requirements.
- Three levels make the floor plan more compact, therefore, reducing the impact on the site and environment.
- As much public parking was maintained as possible.
- Daylight, views, and increased controllability of lighting and thermal comfort systems were incorporated to increase the Indoor Environmental Quality for the building users.
- A Storm Drainage Quality Control device was provided, per DHEC, to maintain the level of quality for stormwater runoff. Additional storm drainage was installed.



**Solar Water Heating System on Reflective Roof**

## **Fire Department Personnel**

The residents, visitors, City Council and staff of the City of Isle of Palms give thanks to the men and women of the Fire Department who so graciously adapted to several years of challenging conditions while continuing to perform their duties in an exemplary manor. Names are followed by the year service to the City began.

Fire Chief Ann M. Graham, 1985  
Administrative Assistant Lillian Hill, 2000  
Training Officer, Captain Robert Maibach, 1995  
Captain Corey Bullock, 1993  
Captain Frederick Tetor, 2000  
Lieutenant Roger Eagle, 1995  
Lieutenant Shaun Gadsden, 2001  
Lieutenant Jason Smith, 2002  
Engineer Derek Carr, 2007  
Engineer Seth Bacon, 2001  
Engineer Eric Bolen, 2007  
Engineer Dana Burnette, 2000  
Engineer Michael Ciappa, 2001  
Engineer Bryan Everitt, 2008  
Engineer James Giddens, 2003  
Engineer Richard Hathaway, 2007  
Engineer Victor Lawrence, 2006  
Engineer David Micalizzi, 1998  
Engineer Christopher Puckhaber, 2007  
Engineer Eric Stinnet, 2002  
Firefighter Stephen Badowski, 2008  
Firefighter Brian Bozman, 2003  
Firefighter Trent Buzille, 2008  
Firefighter Johnny Hall, 2009  
Firefighter Michael Hommel, 2006  
Firefighter Jacob Kilbride, 2008  
Firefighter Patrick McKinley, 2008  
Firefighter Brandon Miller, 2007  
Firefighter Daniel Mills, 2006  
Firefighter Carol Nilsen, 1994  
Firefighter Ryan O'Shea, 2007  
Firefighter William Pesature, 2009  
Firefighter Trevor Speelman, 2008  
Firefighter Dustin Taylor, 2004  
Firefighter Lane Warren, 2008

## **Isle of Palms Fire Department Volunteers**

The Isle of Palms Fire Department began in 1952 as a volunteer organization, and volunteers have helped protect the island ever since. The value of their expertise and altruism cannot be underestimated.

Volunteer Lieutenant Bill Jenkins  
Volunteer Firefighter Dawn Caldwell  
Volunteer Firefighter Don Corbett  
Volunteer Firefighter Josh Graham  
Volunteer Firefighter Ed Henry  
Volunteer Firefighter Steve Morris  
Volunteer Firefighter Gary Nestler  
Volunteer Firefighter Ben Siegel  
Volunteer Firefighter Jeff Stickney

## **Police Department Personnel**

The residents, visitors, City Council and staff of the City of Isle of Palms are grateful to the men and women of the Isle of Palms Police Department for guarding the safety and security of all of us every hour of every day of the year. Names are followed by the year service to the City began.

Police Chief Thomas E. Buckhannon, III, 1980  
Administrative Assistant Tracy Mize, 2003  
Assistant Police Chief Raymond Wright, 2000  
Administrative Sergeant Kimberly Usry, 1997  
Detective Sergeant Dawn M. Caldwell, 1999  
Livability Sergeant Jamey Meekins, 2003  
Patrol Sergeant James Ryan, 2006  
Patrol Sergeant Derrick Ambas, 2002  
Patrol Sergeant Robert Jimenez, 2003  
Patrol Sergeant Gary Erickson, 1991  
Detective/Victim Advocate Diane Tarr, 2007  
Patrol Officer First Class Sharon Baldrick, 2003  
Patrol Officer First Class Gerardo Chavez, 2006  
Patrol Officer First Class Stephen Hicks, 2006  
Patrol Officer First Class James Stanko, 2007  
Patrol Officer First Class Kraig Thompson, 2007  
Patrol Officer Wesley Funsch, 2009  
Patrol Officer Hershel McElroy, 2008  
Animal Control Officer John Keelan, 2007  
Animal Control Officer Part-Time Frank Fitzpatrick, 2009  
Telecommunications Operator Ashleigh Burton, 2009  
Telecommunications Operator April Hancock, 2007  
Telecommunications Operator Tracey Marks, 2008  
Telecommunications Operator Robert Nelson, 2007  
Telecommunications Operator Fran Overdorf, 2008  
Telecommunications Operator Kira Smith, 2008  
Telecommunications Operator Mallory Smith, 2008  
Telecommunications Operator Caroline Voight, 2007  
Beach Services Officer Sumter Groves, 2009  
Beach Services Officer Neal Johnson, 2008

## **Public Safety Building Team**

The Mayor and City Council also offer their sincere thanks to the following people and organizations who helped make this project a success.

Acme Cantina  
ADC Engineering  
AT&T  
B&B Demolition  
Blueflame  
Branch Banking & Trust  
Carolina Flag and Banner  
Charleston County  
Charleston County 911  
City of Isle of Palms Building Department  
City of Isle of Palms General Government and City Hall  
City of Isle of Palms Fire Department  
City of Isle of Palms Police Department  
City of Isle of Palms Public Works Department  
City of Isle of Palms Recreation Department  
Coastal Engineering & Testing  
Congressman Henry Brown  
CR Architecture and Design, Inc.  
Cymark AV  
Comcast  
DWG, Inc.  
East Cooper Lock and Safe  
Empire Communications  
Environmental Projects Group  
Graphically Speaking  
Green, Finney and Horton  
Stirling Halverson, Deputy City Attorney  
Home Telephone Systems  
Island Time Gift Shop  
Isle of Palms Water and Sewer Commission  
J Haak Fleet Services  
K & S Carpentry  
Rick Linville  
Mashburn Construction Company, Inc. and Subcontractors  
Mobile Communications of Charleston  
Town of Mount Pleasant  
McNair Law Firm, PA  
MMG Productions  
Newkirk Environmental  
Nicholas C. Sottile, City Attorney  
NuVox Communications

**Public Safety Building Team Continued**

Peterson Grading  
Prison Industries  
Schupp Enterprises  
Sea Biscuit Restaurant  
Soil Consultants  
South Carolina Department of Transportation  
South Carolina Department of Health and Environmental Control Office of  
Coastal and Resource Management (SCDHEC OCRM)  
South Carolina Electric & Gas  
South Carolina ETV  
Sunnyside Farms  
Technology Solutions  
Tom Smith Catering  
Town of Sullivan's Island  
Wade Engineering  
West Locating Services  
WPC Engineering, Environmental & Construction Services