APWA FLORIDA CHAPTER
2005 Annual Meeting & Trade Show

Annual Meeting and Trade Show
April 18 – 21, 2005
Tampa, Florida

Innovation
People
Partnership
Technology

Solving the Public Works Puzzle
Conference Chairman’s Letter

Dear Public Works Colleagues,

On behalf of the members of the Florida Chapter American Public Works Association it is my pleasure to invite you to attend our 2005 Annual Meeting and Trade Show. The show will be held in beautiful downtown Tampa, April 18-21, 2005. The Trade Show and Technical Sessions will be held at the Tampa Convention Center and the Professional Skills Rodeo will be at the Florida State Fairgrounds. The host hotel is the Tampa Marriott Waterside Hotel & Marina. Casting its dramatic reflection onto the Bay, the hotel stands as the newest, largest and most striking hotel in the area. Its location in the emerging Channel District and convenient proximity to the Tampa Convention Center makes it ideal for our event.

The primary goal of the 2005 Show is to advance the state of the art for those who ply their trades in Public Works. Educational opportunities will abound. In addition to a broad range of interesting and enlightening technical sessions at the Convention Center, this year, for the first time, we are offering cost effective training opportunities specifically designed for Field Operations and Maintenance Technicians. At Tuesday’s Rodeo, technicians will be able to attend a variety of sessions including utility locates, trench safety and equipment operation & safety. Additionally training sessions will be held at the Convention Center on Wednesday. Rodeo participants can purchase a one-day rodeo pass that will include participation in the rodeo events, on site training sessions and lunch. Additionally a two-day pass can be purchased which will include the rodeo package plus additional sessions, entrance to the exhibit hall and lunch on the following day.

Please note two training sessions that will be of interest to all. The eight-hour Incident Command System session provides an in depth overview of the National Incident Management System (NIMS). The Federal Government has directed that all State and Local agencies comply with NIMS requirements beginning in FY 2005. Also members of our Chapter will get to together to discuss "Lessons Learned" from their first hand experiences with the 2004 hurricane season.

We also encourage everyone to bring your spouses and family members to Tampa. Additional activities for all attendees include Monday evening’s Presidents Reception at the Marriott, an evening dinner cruise aboard the StarShip Yacht on Tuesday and the Past President's Breakfast and Awards/Scholarship Luncheon on Thursday. A fun-filled spouse program offers a trolley trip and the Florida Aquarium with eco-tour boat trip along Tampa Bay. Also to be enjoyed is a day trip to historic Tarpon Springs including a visit to the Safford House Museum, as well as lunch and shopping in the picturesque downtown area.

Your trip to Tampa will be rewarding both professionally and personally. Please make plans to join us.

Bill Halsey
President Elect & 2005 Conference Chair
The Marriott Tampa Waterside Hotel & Marina is the host hotel, and is located at 700 South Florida Avenue in Tampa, just across the street from the Tampa Convention Center. Located in the heart of downtown Tampa just 15 minutes from Tampa International Airport and 5 minutes from shopping, restaurants and rite life in Channelside and Ybor City.

Casting its dramatic reflection onto the bay, the Tampa Marriott Waterside stands as the newest, largest and most striking hotel in the area. Its downtown location in the emerging Channel district and direct connection to the Tampa Convention Center makes it an ideal spot for business or pleasure.

The President's Reception on Monday evening and the Past President's Breakfast on Thursday morning will be held at the Marriott. All other functions will be held at the Tampa Convention Center.

RESTAURANTS & LOUNGES:
- Café Waterside
- Champions Sports Bar & Grill
- Il Terrazzo (open for dinner only)
- Lobby Bar
- Pool Bar & Grill
- Room Service
- Starbucks Coffee Bar

HOTEL SERVICES:
- On-site Parking $7.00 daily
- Valet Parking $14.00 daily
- Coffee/tea in-room
- Newspaper delivered to room
- Phone calls: toll-free
- Concierge desk
- Full-service business center
- Safe deposit boxes, front desk

ROOM AMENITIES:
- Alarm clock
- Coffee maker/tea service
- Electrical adapters
- Individual climate control
- Internet browser/Web TV
- Iron and ironing board
- Pillows: down/feather & Foam
- Pull-out sofa bed
- Rollaway bed
- Safe
- Hairdryer
- Cribs available

Group Rate: $115.00 + tax (single/double occupancy)
Check In: 4:00 PM
Check Out: 12:00 Noon
Cancellation Without Penalty: Must be received 24 hours prior to the arrival date to avoid charges.
Reservation Deadline: All reservations must be made by March 25, 2005 to guarantee availability and the group rate.
Guarantee: All reservations must be guaranteed with a major credit card or advance deposit. Non-guaranteed reservations are not accepted.

To Make Reservations: Call (813) 221-6000
To guarantee you receive the group rate, let the reservationist know you are attending the American Public Works Association (APWA) Conference.

Monday, April 18
9:00 am - 5:00 pm Rodeo Set-up - Fairgrounds
10:00 am - 5:00 pm Registration Open - Convention Center
11:00 am - 5:00 pm Technical Sessions - Convention Center
12:30 pm - 2:30 pm Opening Session [lunch & keynote speaker] - Convention Center
6:00 pm - 7:30 pm President's Reception (food, drinks, entertainment) - Marriott

Spouse Program Schedule:
6:00 pm - 7:30 pm President's Reception - Marriott

Tuesday, April 19
8:00 am - 6:00 pm Registration Open - Convention Center
8:00 am - 6:00 pm Technical Sessions - Convention Center
8:30 am - 2:00 pm Exhibit Move-In (bulk space only) - Convention Center
8:30 am - 8:45 pm Field Operations & Maintenance Training - Fairgrounds
8:30 am - 1:00 pm Golf Tournament - Hunter's Green
9:00 am - 1:00 pm Professional Skills Rodeo - Fairgrounds
12:30 pm - 6:00 pm Exhibit Set-Up [10' x 10' booths] - Convention Center
3:00 pm - 4:30 pm Executive Committee Meeting - Convention Center
6:30 pm - 9:30 pm Dinner Cruise (food, drinks, entertainment) - StarShip Yacht

Spouse Program Schedule:
10:00 am - 10:15 am Van to Florida Aquarium
10:15 am - 11:45 am Florida Aquarium Tour
11:45 am - 12:30 pm Channelside Shopping
12:30 pm - 1:30 pm Lunch at Aquarium
1:45 pm - 2:00 pm Board Boat for Eco Tour
2:00 pm - 3:30 pm Eco Tour
3:45 pm - 4:00 pm Streetcar returns to Marriott
6:30 pm - 9:30 pm Dinner Cruise - StarShip Yacht

Wednesday, April 20
7:00 am - 6:00 pm Registration Open - Convention Center
8:00 am - 6:00 pm Field Operations & Maintenance Training - Convention Center
9:00 am - 6:00 pm Exhibit Show Open - Convention Center
9:00 am - 10:00 am Coffee & Danish (in Exhibit Hall)
12:30 pm - 1:00 pm Lunch w/Exhibitors (in Exhibit Hall)
4:00 pm - 6:00 pm Reception w/Exhibitors (food, beer, wine) [in Exhibit Hall]
6:00 pm - 8:00 pm Exhibitors Move-out (optional)

Spouse Program Schedule:
10:00 am - 11:00 am Bus to Tarpon Springs
11:00 am - 12:00 pm Safford House Tour
12:00 pm - 1:00 pm Lunch in Historic Downtown
1:00 pm - 3:00 pm Shopping in Historic Downtown
3:00 pm - 4:00 pm Bus returns to Marriott

Thursday, April 21
8:00 am - 5:00 pm Registration Open - Convention Center
8:00 am - 9:00 am Past President's Breakfast - Marriott
9:00 am - 10:00 am Technical Sessions - Convention Center
9:00 am - 1:00 pm Exhibitors Move-Out - Convention Center
12:30 pm - 2:30 pm Awards / Scholarship Luncheon - Convention Center

Spouse Program Schedule:
8:00 am - 9:00 am Past President's Breakfast - Marriott
12:30 pm - 2:30 pm Awards / Scholarship Luncheon - Convention Center
DINNER CRUISE

Join us Sunday evening for a special event planned for the spousal entertainment.

The perfect cruise is just one of the many activities planned for you to enjoy during the conference. The dinner cruise will take place on the historic S.S. Gawler, which sails from the Port of Tampa Bay. The cruise will include a buffet dinner, live entertainment, and a fireworks display.

Ticket Price: $120 per person

GOLF TOURNAMENT

Join us Tuesday, April 10th, at 9:00 am for the 18th Annual AWA/Florida Chapter Golf Tournament. The tournament will be held at the beautiful TPC Tampa Bay, located just 15 minutes from the conference center.

Registration Fee: $200 per person

SPOUSE PROGRAM

In addition to the Meetings & Trade Show, we have planned a special event for the spousal entertainment.

The perfect day for the spousal entertainment has been planned for you! Join us for a tour of the gorgeous Florida Aquarium. Experience the diverse ecosystem of the Florida Keys, the Everglades, and the Gulf of Mexico. The aquarium is home to over 10,000 aquatic animals, including sharks, rays, and sea turtles. This is a perfect day to bond with your spouse and explore the beauty of Florida's underwater world.

Ticket Price: $80 per person

THINGS TO KNOW

- Please note that all events are subject to change. Check the conference website for the latest updates.
- Spousal events are available for purchase separately. You can purchase a ticket for each event or purchase a package.
- All events require pre-registration and payment at the time of registration.
- Parking is available at the hotel for a complimentary fee.
THU 11:30 - 12:30 PM

The Planning, Funding and Design Process for 21st Century Public Works Facilities
The presentation will outline the methodology utilized in obtaining all of the elements for a successful public works complex, designed to meet the technological needs of the 21st Century. As 2003 Florida APA “Architect of the Year,” ADE will present five (5) case studies of new and/or proposed public works facilities, including:

- Hernando County Public Works Complex
- Bartow Public Works Complex
- Daytona Beach Shores Public Works Facilities
- Orange County Landfill Maintenance Complex
- School District of Osceola County Transportation/Vehicle Maintenance Facility

Three of these facilities have been recipients of Design Excellence Awards from the American Institute of Architects, which is reflective of their functional and aesthetic value.

THU Need Well-Rounded Engineers & Leaders? Develop Tomorrow’s Leaders with Mentoring and Formal Training
This presentation describes how engineers in our society have created a high demand in Public Works organizations. With strong competition for interns, engineers and professionals, budgetary constraints and salaries less than private firms, it will only continue to become more difficult to find the right personnel.

Sarasota County has successfully maintained a Professional Engineering Development Program (PEDP) since 1998 that has produced well-rounded Professional Engineer (PEs) and continues to meet the organizations needs.

The PEDP primary purpose is to provide engineers with the opportunity to satisfy their registration requirements for certification as a licensed Professional Engineer (PE) in the State of Florida. The secondary purpose is to provide training, guidance, and the people necessary for future leaders in Public Works. Formal training and activity requirements required for PEDP participants have greatly contributed to Definity retaining eligible. With successful completion of these requirements, the program provides performance-based incentives, non-competitive promotions, increased responsibilities and upward mobility.

TH10 Development and Implementation of New Funding Programs and Updating Existing Stormwater Programs
This presentation will cover the development and implementation of new stormwater funding programs and revisions to existing stormwater funding programs including:

- Identifying funding sources for services and specific capital projects
- Overview of apportionment methodologies
- Legal issues including updated case law status
- Collection alternatives – utility bill or tax bill
- Technical issues related to funding programs
- Legal steps necessary to implement a stormwater funding program
- Funding source alternatives – fee or assessment
- Case studies

TH11 Recent Advances in Previous Concrete Pavement Technology
This presentation describes the latest concrete pavement technology related to previous concrete pavements. The presentation discusses recent research results (technology), new design procedures (inversion), and the latest construction techniques (People and Partnerships). The implications to public works agencies, of using such technology, including benefits and costs, will be discussed. The relevant information in this presentation comes from research of the open literature, interviews with certified contractors, and analysis of existing projects.

TH12 Operations and Maintenance of Stormwater Facilities 2005
An in-depth review of the operations and maintenance requirements of stormwater facilities. This presentation will go through the requirements of an annual stormwater based management plan. One of the goals of the presentation is to provide information to Public Works Directors and their staff to help formulate budgets for the operation and maintenance of stormwater facilities. We will also look at how we need stormwater facilities, what best management practices are commonly used, and review some of the operation and maintenance cost associated with these facilities.

TH13 Hillsborough County’s Pavement Management Planning Program
Hillsborough County has a road network consisting of over 6,000 lane miles of rural and urban highways. The condition data for this network is stored in an Oracle database and accessed through asset management software. While the software has many positive features, it limits the user’s ability to manipulate and extract large quantities of data from the pavement management system or to plan programs. This presentation will point out strategies for management of pavement inventory and introduce a computer program that was developed with GIS capability to plan and track annual resurfacing projects.

THU 2:45 - 3:45 PM

Keynote Speaker
Pam Iorio
Mayor of Tampa

Pam Iorio, 45, is the mayor of Tampa, the nation’s 55th largest city. Sworn into office on April 1, 2003, for a four-year term, Mayor Iorio has established five strategic goals to guide Tampa throughout this decade. These areas of focus are: investing in neighborhoods, economic development of our most challenged areas, creating a residential community downtown, efficient city government focused on customer service, and establishing Tampa as a city of the arts.

The Mayor is committed to improving the quality of life in Tampa. Since her first month in office there has been a crackdown on street level drug dealing. The chief of police has implemented aggressive community policing, which is resulting in a dramatic improvement in the crime rate. The city is being cleaned up through invigorated code enforcement and there is an emphasis on neighborhood improvements.

Tampa is continuing to grow, attracting new businesses in a highly competitive environment. Mayor Iorio has made the attraction of new business a priority. In 2004, working with the Tampa Chamber of Commerce, the county and the state, Tampa was selected for the expansion of Depository Trust and Clearing Corporation, a major Wall Street firm. 2004 also saw AACSB, the international association responsible for accrediting college and university business schools, select Tampa as their new home.

As mayor, Pam Iorio serves on the Aviation Authority, the Port Authority, Tampa Bay Water, and the Board of Trustees of the University of Tampa.

Iorio began her political career at age 26, when she became the youngest person ever elected to the Hillsborough County Commission (1985-1997). A year later her fellow commissioners elected her chairman. After serving two terms on the County Commission, Iorio was elected three times to the office of Supervisor of Elections for Hillsborough County (1995-2005). In 2000, she was elected President of the Florida State Association of Supervisors of Elections, becoming the spokesperson for the supervisors during the 2000 presidential election. Pam Iorio ushered in the electronic age of voting, managing the highly successful transition from punch card to touch-screen voting technology in 2002. Also in 2002, for her work in the area of election reform, she was presented the Leadership Florida Distinguished Alumus Award, which recognizes statewide leadership in bettering the lives of Floridians.

Iorio attended Hillsborough County public schools and graduated from American University in Washington D.C. with a BS Degree in Political Science. Iorio also earned a Master’s Degree in History from the University of South Florida in Tampa in 2001. She has published several articles on Tampa’s civil rights and political history.

Iorio is married to Mark Woodard. They have two children, Caitlin and Graham.
Breaking Tradition

Professional Skills Rodeo

April 19, 2003

Face Your Fears. Shape Your Future.
T10. The Laws and Rules Governing the Practice of Engineering & Disciplinary Action (Super Session)
(4 Hour Super Session) The presence of this course is in lieu. He is a member of the law firm. Robinson and former Judge Assistant Attorney General who served as Counsel to the Board of Professional Engineers for 10 years. He will discuss the valuable privilege of your license to practice engineering and the importance of being knowledgeable about the laws and rules which may have an impact on your continued enjoyment of the authority conferred by that license. (Course cost $65.00 by 3/18, $75 after 3/18 per person)

1:30 - 3:45 PM
T11. Real World Uses of Micropro: the APWA Sponsored Pavement Management Software
(2 Hour Course) First Hour: An overview of Micro Pave. Scot McDonald, University of Illinois will explain the Micro Pave structure and how the building block structure of Micro Pave allows for flexibility in how it is used by the organization. Use of Microsoft Access database. Don Sumnerford, EMD & Associates will show how the use of the Microsoft Access database can provide management with unique “push button” reports that provide data for planning of pavement maintenance and the necessary data to meet the requirements for reporting under GABSE 34.
Second Hour: Project Discussion - Scot McDonald, Ken Houlton, Bill Busch, and Don Sumnerford. Panel will field questions and comments from attendees. They will be encouraged to ask questions about the Micro Pave software. Current users will be asked to give information on how they use Micro Pave and give suggestions for improvements to Micro Pave.

1:30 - 3:30 PM
T9. Buried Infrastructure Management From A to Z. Using the Latest Tools & Technologies
This presentation will introduce attendees to a time and cost savings approach to improve the management of buried infrastructure. Aggregates management, new regulations, staffing reductions, and dwindling financial resources will cause a threat to public health, the environment, and the financial well-being of buried utility operators unless the operational and structural condition of buried assets are diagnosed and prioritized. For utilities to successfully manage their assets, they need to have an accurate inventory and know the current condition of their assets. They must know the WHERE, WHAT, and WHEN.

2:45 - 3:45 PM
T12. Applying Technology for Maintenance Operations
This presentation will focus on demonstrating the use of GIS and CCTV in establishment of a complete maintenance system. An example of one agency's use of these technologies to improve both the efficiency and effectiveness of their maintenance operations. A discussion of examples of other technologies such as PDAs, as well as examples from the infrastructure with integration with financial reporting will be demonstrated. The presentation will outline the required process to setup and utilize these systems and the benefits and costs will be outlined. Examples of the inputs and outputs as well as the specific benefits will be covered.

4:00 - 5:00 PM
T13. What Is Transportation Construction Management?
As we enter the new millennium, we move into an open global market place. Innovative project delivery methods such as Build-Operate-Transfer and Design/Build are becoming common in the construction industry. New alternative project delivery systems offer innovation, integration, and single source of responsibility. Some believe that there is no room for the traditional construction manager in an integrated process such as design/build and have declared the CM as “Presumed-Dead-but-still alive”. Despite the popular misconception, the role of the CM is thriving under alternative project delivery systems. National surveys by the Construction Management Association of America (CMAA) indicate a surge in the use of Program Management, Agency CM, and CM at Work. Public and private owners venturing into new project delivery methods often find it necessary to hire a CM to assist them during the planning, selection, design, procurement, and management phases of the project.

T14. Construction Management: Survival of the Fittest
As we enter the new millennium, we move into an open global market place. Innovative project delivery methods such as Build-Operate-Transfer and Design/Build are becoming common in the construction industry. New alternative project delivery systems offer innovation, integration, and single source of responsibility. Some believe that there is no room for the traditional construction manager in an integrated process such as design/build and have declared the CM as “Presumed-Dead-but-still alive”. Despite the popular misconception, the role of the CM is thriving under alternative project delivery systems. National surveys by the Construction Management Association of America (CMAA) indicate a surge in the use of Program Management, Agency CM, and CM at Work. Public and private owners venturing into new project delivery methods often find it necessary to hire a CM to assist them during the planning, selection, design, procurement, and management phases of the project.

TUESDAY (FIELD OPERATIONS & MAINTENANCE) SESSIONS
8:00 - 8:45 AM T1F Equipment Operations & Maintenance (certification)
8:00 - 8:45 AM T2F Customer Service
9:00 - 9:45 AM T3F Utility Locates
10:00 - 10:45 AM T4F Safety
11:00 - 11:45 AM T5F Equipment Operations & Maintenance (certification)
1:00 - 1:45 PM T6F Trenching Safety
1:00 - 1:45 PM T7F Customer Service
2:00 - 2:45 PM T8F Utility Locates

How To Compete for an Award at the Professional Skills Rodeo
Overall Competition:
Group must register a minimum of 5 (team members). Each team member must compete in one of the 5 (skills classes) Skills Competition:
Individual must compete in all 5 (events) of the skill class chosen.

Subject to change: see information below

Skill Class

<table>
<thead>
<tr>
<th>Event Name</th>
<th>Description of Event</th>
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<tbody>
<tr>
<td>Heavy Equipment Operations</td>
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<tr>
<td>1. Hydraulic Excavator</td>
<td>Thread the Needle</td>
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<tr>
<td>2. Front end loader</td>
<td>Shooter Hoops</td>
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<td>3. Skid Steer Loader</td>
<td>Steering Sticks</td>
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<tr>
<td>4. Mini Track Hoe</td>
<td>Fish Tales</td>
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<tr>
<td>5. Backhoe Loader</td>
<td>Lawn Bowling</td>
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<tr>
<td>6. Wheelbarrow Operations</td>
<td></td>
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<tr>
<td>1. 1 3/4 Ton T-10 Trencher</td>
<td>Dockside Challenge</td>
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<tr>
<td>2. PB Truck</td>
<td>The Golden Goal</td>
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<tr>
<td>3. Trencher</td>
<td>Safety First</td>
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<tr>
<td>4. Javelin Throw</td>
<td>The Bucket Brigade</td>
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<tr>
<td>5. Vehicle w/ Crane (Clam Bucket)</td>
<td>Yard Darts</td>
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</tbody>
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Administrative Duties
1. Excel spreadsheet operations | EXCEL | Perform within Excel spreadsheet functions within a given time period. |
3. Proof Reading | Before I Ever write | Read a document and find typographical errors and misplaced words on a document. |
4. PC Keyboarding | Tying the Knots | Type a document with highest efficiency. |
5. I-Beam Bending | Animal Crackers | Calculate the sum of all dollars available. |

Maintenance Worker Operations
1. When Push Comes To Shove | Trenching Contests |
2. Chainaw Operations | The Chainaw Challenge |
3. Commercial mower obstacle course | The Bull Ring |
4. Sandbag competition | The Sandbag Hurl |
5. Pumping Operation set up | Pumping Iron |

Engineer Technician-Related Duties
1. Alignment of proper measurements | Measuring Wheel Challenge |
2. Field book exercise | Who's the Rap? |
3. Project Material Estimation | Project Missile |
4. TTC Work Zone set up | Deployers/RAs |
5. Survey All competition | Surveying America |

*Please note certain events remain under development. Equipment type, task and event names are subject to change. Complete instructions, rules and time limits to be posted at event.
Improving Gender Diversity in Tech through Programmatic and Organizational Change

17:00 - 17:45

Opening Session - Keynote Speech

17:45 - 18:00

Welcome and Introduction to the Event

18:00 - 18:30

Panel Discussion: Why Gender Diversity Matters in Tech

18:30 - 19:00

Networking and Reception

19:00 - 20:00

Tech Sessions -平行会議

20:00 - 21:00

Networking and Closing Reception

21:00 - 22:00

Post-Event Gathering

Technical Sessions Topics & Descriptions

Session 1: #GenderInTech - Addressing gender biases in tech environments

Session 2: #TechForGood - Creating tech solutions to support social justice initiatives

Session 3: #AIInTech - Exploring the role of AI in promoting diversity and inclusion

Session 4: #TechEducation - Innovating educational programs to foster gender diversity in tech careers

Session 5: #TechEthics - Discussing ethical considerations in tech development and deployment

Session 6: #TechInclusion - Fostering inclusive practices in tech teams and organizations
ON-LINE REGISTRATION INSTRUCTIONS

It’s As Easy As 1.2.3...

1) Go to the Florida Chapter website at http://florida.apwa.net

2) On the home page see “2005 Annual Meeting & Trade Show” click on Register Here

3) Review the Show Details and Choose the Appropriate Registration Form

Register by March 18th to Receive Early Fee!

We look forward to seeing you April 18-21, 2005 in Tampa, Florida

If you need assistance or can’t register on-line, please contact us.

Corporate Events
Phone: 727-548-7200    Fax: 727-546-1956
E-mail: CorporateEvents@tampabay.rr.com