



**CITY OF DANIA BEACH
PRE-APPROVED CONFERENCE OR TRAINING AUTHORIZATION/RECONCILIATION**

EMPLOYEE: Brad Kaine DEPARTMENT: Public Services

LOCATION: Tampa, FL TRIP/TRAINING DATE: April 18 - 22, 2016

PURPOSE: Florida APWA Expo 2016

Overnight

Out of State

Air Travel

TRAVEL EXPENSES ESTIMATED: (Policy #2002-10-1)

REGISTRATION (attach conference brochure)	\$ 250.00
LODGING (# of nights <u>4</u>)	716.00
MEALS (per diem)	153.90
OTHER INCIDENTAL EXPENSES:	
MILEAGE	284.04
TOLLS (round trip)	10.00
OTHER TRANSPORTATION (Shuttle/Taxi/Parking)	75.00
SUPPLIES/MATERIALS	-
TOTAL ESTIMATED EXPENSES:	\$ 1,488.94

This seminar is required for: Certification General Training
 License Other Florida APWA Expo 2016

Note any overnight or out of state travel events attended in the last 12 months:

None

Employee Signature: 


Department Director

TRAVEL AUTHORIZATION:
 3/11/16
Finance Director


City Manager

If payment is made through City's credit card, please indicate "credit card" under "Date" Column

	Check Payee:	Amount:	Date:	RECONCILIATION	
				Actual	Differences
Registration:		\$ 250.00		\$ 250.00	\$ -
Lodging:		716.00		716.00	\$ -
Transportation:		294.04		294.04	\$ -
Traveler:		153.90		153.90	\$ -
Others:		75.00		75.00	\$ -
Account #:	401-33-01-533-40-10	\$ 1,488.94		\$ 1,488.94	\$ -

Total actual travel expense	\$ -
The City paid up front	\$ -
Total reimbursement to Traveler	\$ -



CITY OF DANIA BEACH Per Diem Calculator

Name: Brad Kaine
Location: Tampa, FL
Purpose: Florida APWA Expo 2016

M&IE

\$54.00 (obtain from Per diem form on City's Intranet)
 Conference Hours

Day	4/18/2016	4/19/2016	4/20/2016	4/21/2016	4/22/2016	Total Est Exps
Meal Provided:	Travel	B, L	B, L	B, D	Travel	
Per Diem	\$40.50	\$27.00	\$27.00	\$18.90	\$40.50	\$ 153.90
Lodging	179.00	179.00	179.00	179.00		\$ 716.00
Mileage	142.02				142.02	\$ 284.04
Tolls	5.00				5.00	\$ 10.00
Parking	15.00	15.00	15.00	15.00	15.00	\$ 75.00
Conference Registration Fees	250.00					\$ 250.00
						\$ 1,488.94

* Travel day

per diem reductions

Breakfast (B) 15% \$8.10
 Lunch (L) 35% \$18.90
 Dinner (D) 50% \$27.00



City of Dania Beach
Department of Public Services

100 West Dania Beach Blvd · Dania Beach, FL 33004 · (954) 924-3741 · (954) - 923-1109 (fax)

MEMORANDUM

TO: Mayor Marco A. Salvino, Sr.
Vice Mayor Albert C. Jones
Commissioner Chickie Brandimarte
Commissioner Paul Fetscher
Commissioner Bobbie H. Grace

FROM: Robert Baldwin, City Manager

BY: Brad Kaine, Director of Public Services *BK*

DATE: March 11, 2016

RE: Travel to American Public Works Conference 2016

As a Board of Director member of the South Florida Branch of the American Public Works Association, I would like to represent the City of Dania Beach at the American Public Works Conference in Tampa, Florida in April of 2016.

Total expense for this trip will be approximately \$1,488.94 and will be paid from Stormwater Travel Account No. 403-38-01-538-40-10.

Recommendation

It is recommended that the City Commission approve a Resolution to authorize travel for Brad Kaine to represent the City of Dania Beach at the American Public Works Conference in Tampa, Florida April 18 - 22, 2016.



Florida PUBLIC WORKS EXP

APWA FLORIDA CHAPTER CONFERENCE AND EXPOSITION

Tampa Bay 2016



APWA West Coast Pre-2016 Florida Chapter Expo Golf Tournament

Monday, April 18 - registration starts @ 9:00 am and shotgun starts @ 10:30 am

For more information on the West Coast Golf Tournament, please download the flyer - [click here](#).
See Registration Form and Map Attached

President's Reception
Embassy Suites Tampa
Tuesday, April 19
5:00 pm - 6:30 pm

This year's festivities begin with the President's Reception. Enjoy food, drinks and live entertainment. And of course, rub shoulders with your fellow Public Works Professionals. This is sure to be a night to remember - we'll see you there!

5K Run/Walk
Convention Center/Riverwalk
Wednesday, April 20
7:30 am - 8:30 am

Join the Florida Chapter as we explore downtown Tampa's Riverwalk and get in some much needed exercise at our first 5K Fun/Run Walk. The Run/Walk is open to anyone who pre registers and will give our runners and attendees the ability to explore the beautiful downtown Tampa Riverwalk where they can see the Channel District, Arts District, the amazing architecture of the University of Tampa, and much much more. [Click Here](#) to view the 5K Fun/Run Route.

Young Professionals Networking Reception
Jackson's Bistro
Wednesday, April 20
4:30 pm - 6:00 pm
(2 Drink Tickets provided for 35 & Under Only)

The Reception is held each year at the Florida Public Works Expo to engage students and young professionals



Florida PUBLIC WORKS EXP

APWA FLORIDA CHAPTER CONFERENCE AND EXPOSITION

Tampa Bay 2016



Registration Fees by March 1, 2016

To see rates after March 1st, please scroll down at the bottom of the page.

Full Delegates:

Full Delegate Member: **\$250.00** - Includes all the Meal Functions & Technical Sessions

Full Delegate Non-Member: **\$450.00** - Includes all the Meal Functions & Technical Sessions

Retired Member: **\$125.00** - Includes all the Meal Functions & Technical Sessions

REGISTER HERE

Daily Delegates:

Daily Delegate: **\$95.00** (Tuesday, Wednesday or Thursday) - Technical Sessions Monday or Wednesday & Exhibit Show on Thursday - includes lunch w/exhibitors

REGISTER HERE

2-Day Pass Delegates:

2 Day Pass: **\$165.00** (Wednesday & Thursday) - Technical Sessions on Wednesday & Exhibit Show on Thursday - includes lunch w/exhibitors

2 Day Pass: **\$165.00** (Tuesday & Wednesday) - Technical Sessions on Tuesday & Wednesday

2 Day Pass: **\$165.00** (Tuesday & Thursday) - Technical Sessions on Tuesday & Exhibit Show on Thursday - includes lunch w/exhibitors

REGISTER HERE

Rodeo Participants:

Rodeo Participant: **\$65.00** (Wednesday Only) - Rodeo Lunch Included

Rodeo Participant **2 Day Pass: \$75.00** (Wednesday & Thursday) - Rodeo Lunch Included on

Wednesday & Exhibit Show on Thursday - includes lunch w/exhibitors

REGISTER HERE

Speakers:

Full Delegate Speaker - Member: **\$250.00 - Includes all the Meal Functions & Technical Sessions**

Full Delegate Speaker - Non-Member: **\$450.00 - Includes all the Meal Functions & Technical Sessions**

Day of Presentation: **Free**

REGISTER HERE

Young Professionals:

Young Professional Expo Day: **\$10.00 (Access to 5K Run, General Session, Technical Sessions and Reception on Wednesday, April 20th)**

Young Professional Reception Only: **Free (must still register)**

REGISTER HERE

Registration Fees after March 1, 2016

Full Delegates:

Full Delegate Member: **\$300.00 - Includes all the Meal Functions & Technical Sessions**

Full Delegate Non-Member: **\$500.00 - Includes all the Meal Functions & Technical Sessions**

Retired Member: **\$125.00 - Includes all the Meal Functions & Technical Sessions**

Daily Delegates:

Daily Delegate: **\$125.00 (Tuesday, Wednesday or Thursday) - Technical Sessions Monday or Wednesday & Exhibit Show on Thursday - includes lunch w/exhibitors**

2 Day Pass: **\$195.00 (Tuesday & Wednesday) - Technical Sessions on Tuesday & Wednesday**

2 Day Pass: **\$195.00 (Tuesday & Thursday) - Technical Sessions on Tuesday & Exhibit Show on Thursday - includes lunch w/exhibitors**

2 Day Pass: **\$195.00 (Wednesday & Thursday) - Technical Sessions on Wednesday & Exhibit Show on Thursday - includes lunch w/exhibitors**

Rodeo Participants:

Rodeo Participant: **\$85.00 (Wednesday Only) - Rodeo Lunch Included**

Rodeo Participant **2 Day Pass: \$100.00 (Wednesday & Thursday) - Rodeo Lunch Included on Wednesday & Exhibit Show on Thursday - includes lunch w/exhibitors**

Speakers:

Full Delegate Speaker - Member: **\$300.00 - Includes all the Meal Functions & Technical Sessions**

Full Delegate Speaker - Non-Member: **\$500.00 - Includes all the Meal Functions & Technical Sessions**

Day of Presentation: **Free**

Young Professionals:

Young Professional Expo Day: **\$10.00 (Access to 5K Run, General Session, Technical Sessions and Reception on Wednesday, April 20th)**

Young Professional Reception Only: **Free (must still register)**

APWA FLORIDA CHAPTER 2016 PUBLIC WORKS EXPO



Invoice

Public Services Director Brad Kaine
City of Dania Beach
1201 Stirling Road

Dania Beach
Florida 33084
United States

Invoice Number: 293
Invoice Date: Feb 26, 2016
Reference: 293

Details	Qty	Net	Tax	Total
Full Delegate Member \$250.00	1	250.00	0.00	250.00
TOTAL:		250.00	0.00	250.00

Total Paid: 250.00
Balance Owed: 0.00

Make check payable to: **APWA Florida Chapter**
Remit check c/o:
Plan Ahead Events - Tampa Bay
7431 114th Avenue North, Suite 102
Largo, FL 33773

Payment due 30 days from registration date.
Overdue payments are subject to a service charge.



APWA FLORIDA CHAPTER 2016 PUBLIC WORKS EXPO

Receipt

Public Services Director Brad Kaine
City of Dania Beach
1201 Stirling Road

Dania Beach
Florida 33084
United States

Receipt Number: 243
Receipt Date: Feb 26, 2016
Reference: 293

Details

Total (USD)

Full Delegate Member \$250.00

250.00

Payment Details

Amount: 250.00

Payment Type: Visa

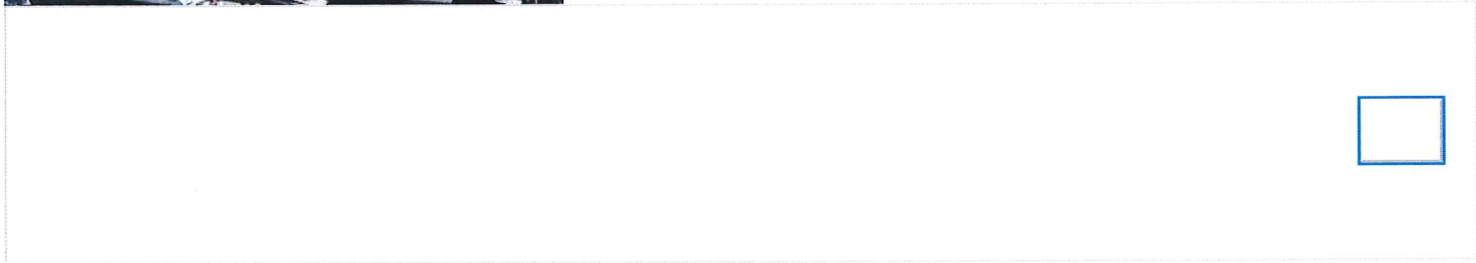
Description: Online credit card payment

Authorization: 061619

Gateway Receipt Number: AQ0AD09C7595



Florida PUBLIC WORKS EXP 
 APWA FLORIDA CHAPTER CONFERENCE AND EXPOSITION
Tampa Bay 2016



Embassy Suites Tampa - Downtown Convention Center

513 South Florida Avenue
Tampa, Florida 33602



We are pleased to partner with Embassy Suites Tampa as the host hotel for the APWA 2016 Florida Chapter Public Works Expo. A block of rooms has been reserved for April 17-23, 2016. Our group rate at the Embassy Suites Tampa is **\$179.00 per night** and will be available until **March 28, 2016** or until the group block is sold-out, whichever comes first.

*Please note, registering for your booth does not reserve your hotel room. To reserve your room, please call **1-800-HILTONS** and let them know you are with the APWA Florida Chapter to secure the group rate. You can also reserve your room online, just [click here](#) to do so.*

Package Rate of \$179.00 includes the following Amenities:

- All the rooms are Two-Room Suites - complete with a separate living room & wet bar
- Cooked-To-Order Full Hot Breakfast each morning
- Evening Reception 5:30 pm - 7:30 pm each night, including a variety of beverages (alcoholic & non-alcoholic) and snacks
- 24-hour Fitness Center with spectacular views of Tampa Bay from the pool deck
- Complimentary Wi-Fi access in the room

Estimated value for the Amenities are as follows: Cooked-To-Order Full Hot Breakfast each morning \$20.00, Evening Reception \$20.00 & Wi-Fi Internet access in the room \$10.00. **Total Value of \$50.00 per day.**

Hotel Information:

- Check-In: 3:00 pm
- Check-Out: 12:00 pm
- Self Parking: Not Available at the Hotel, but there is a garage across the street from the hotel charging by the hour and it goes up to a maximum of \$9.95 per day
- Valet Parking: \$13.00 + tax special rate for the APWA Group (regular rate \$24.00 + tax)
- Airport Transportation: Blue One Transportation - Call 813-927-3602 to reserve a one way ride @ \$13.00



Questions? Please contact Plan Ahead Events - Tampa Bay
P: 727-544-1400 | F: 727-546-1956 | info@pae-tampabay.com



Florida PUBLIC WORKS EXP
APWA FLORIDA CHAPTER CONFERENCE AND EXPOSITION
Tampa Bay 2016



Monday, April 18

10:00 am - 3:00 pm **Branch Golf Tournament** - *Cypress Creek Golf Club*

3:30 pm - 5:30 pm **Executive Committee Meeting** - *Tampa Convention Center*

Tuesday, April 19

7:30 am - 4:00 pm **Registration Open** - *Tampa Convention Center*

8:00 am - 8:45 am **1st Timers Session** - *Tampa Convention Center*

9:00 am - 12:30 pm **Technical Sessions** - *Tampa Convention Center*

12:30 pm - 2:15 pm **Opening Session Lunch with Keynote Speaker** - *Tampa Convention Center*

2:30 pm - 3:30 pm **Technical Sessions** - *Tampa Convention Center*

5:00 pm - 6:30 pm **President's Reception** - *Embassy Suites Tampa*

Wednesday, April 20

7:00 am - 4:30 pm **Registration Open** - *Tampa Convention Center*

7:30 am - 8:30 am **5K Fun Run/Walk** (Dressing in a Pirate Style is Encouraged) - *Tampa Convention Center/Riverwalk*

9:00 am - 10:00 am **General Session** - *Tampa Convention Center*

9:00 am - 3:30 pm **Equipment Rodeo** - *Downtown Tampa*

10:15 am - 11:15 am **Technical Sessions** - *Tampa Convention Center*

1:00 pm - 4:30 pm **Technical Sessions** - *Tampa Convention Center*

4:30 pm - 6:00 pm **Young Professionals Networking Reception** (35 & Under) - *Jackson's Bistro*

(registration @ 4:30 pm, start time @ 5:00 pm)

6:00 pm - 9:00 pm **Special Event Night** - *Yacht StarShip*

Thursday, April 21

7:30 am - 4:00 pm **Registration Open** - *Tampa Convention Center*

8:00 am - 10:00 am **Public Works Director Roundtables** - *Tampa Convention Center*

9:00 am - 4:00 pm **Exhibit Show Open** - *Tampa Convention Center*

10:00 am - 2:30 pm **Product Demos in Exhibit Hall** - *Tampa Convention Center*
(10:00 am - 10:30 am, 11:00 am - 11:30 am, 12:00 pm - 12:30 pm & 2:00 pm - 2:30 pm)

12:30 pm - 1:30 pm **Lunch w/Exhibitors** - *Tampa Convention Center*

5:00 pm - 6:00 pm **National President's Reception** - *Embassy Suites Tampa*

6:00 pm - 9:00 pm **Awards/Scholarship Banquet** - *Embassy Suites Tampa*

Friday, April 22

9:00 am - 10:00 am **Breakfast** (if staying @ the Embassy Suites Tampa, breakfast complimentary) - *Embassy Suites Tampa*

10:00 am - 12:00 pm **Branch Training** - *Embassy Suites Tampa*

Questions? Please contact Plan Ahead Events - Tampa Bay
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interested in the vast careers of Public Works including but not limited to: engineering, public administration, business management, construction management, water, wastewater, surveying and solid waste. Attendees will also have the opportunity to network with other young professionals and veteran public works professionals alike from across the State of Florida.

For more information on the Young Professionals Networking Reception, please download the flyer - [click here](#).

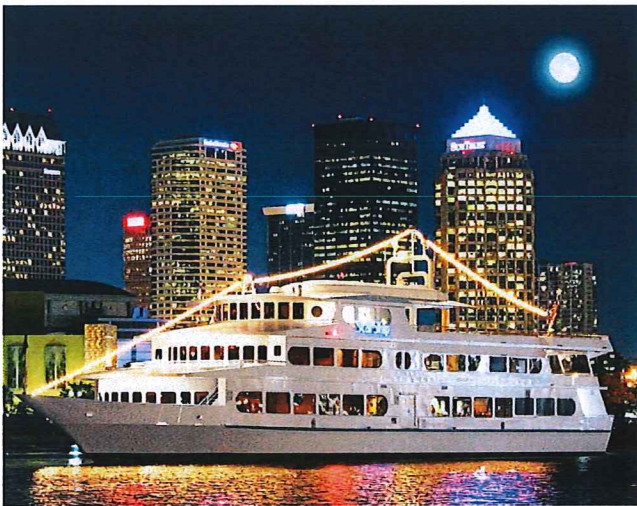
Special Event Night Yacht StarShip

Wednesday, April 20

6:00 pm - 9:00 pm

There's no better venue for this year's Expo than the Yacht StarShip. Florida's largest dining yacht! At 180-feet, this exquisite yacht has 3 decks, with four separate rooms to explore together or enjoy separately. The only dining yacht in Tampa Bay equipped with an elevator to all three decks. The cruise will depart from the dock adjacent to the Tampa Convention Center. Enjoy beautiful views of Tampa from the water, revel with a DJ and dancing, and be sure to be on the deck for the spectacular Florida sunset! **Dressing in a Pirate Style is Encouraged!**

Planning on making an appearance? Make sure to select "Attending" in the Special Event Night section of your Registration Form.



Public Works Director Roundtable

Tampa Convention Center

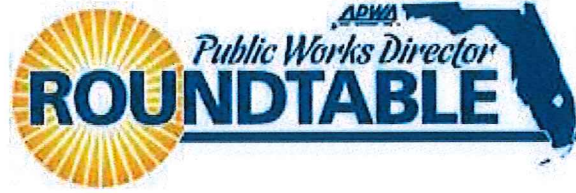
Thursday, April 21

8:00 am - 10:00 pm

Being a Public Works Director in today's challenging times is a difficult feat. Unprecedented budget constraints plus a contentious political environment and a historically underfunded infrastructure is not exactly a recipe for success. The position doesn't come with an instruction book either. Wouldn't it be nice to have a network of your peers to ask questions, share success, get advice and spread knowledge regarding all facets of your role as Public Works Director? Now you can!

Back by popular demand... the APWA Public Works Director Roundtable! This session is open to all Directors of any City or County in Florida no matter the size. You don't even have to be a member of APWA to participate. **Every Public Works Director in the State of Florida** is invited to attend this Roundtable. When registering for the expo, you will automatically be registered for the event when you answer yes that you are

a Public Works Director or City/County Engineer. If for some reason you are unable to attend and would like to designate someone else to participate on your behalf, instruct them to answer yes they are a Public Works Director or City/County Engineer. **We hope you will join us and thank you for your consideration.**



Questions? Please contact Plan Ahead Events - Tampa Bay
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Florida PUBLIC WORKS EXP

APWA FLORIDA CHAPTER CONFERENCE AND EXPOSITION

Tampa Bay 2016



APWA Technical Session Program

The sessions in BLUE have been approved for CEU and PDH credits

1 Hour Session = .1 CEU

1 Hour Session = 1 PDH

Tuesday - April 19

8:00 am - 8:45 am

T1 1st Timers Session

A time for all of our new members to meet and greet one another and network with the senior members and leadership of the Florida Chapter to learn about the myriad of opportunities and benefits that are available to us.

9:00 am - 10:00 am

T2 Growing Our Own - Manatee County Public Works Field Technician Career Ladder Training

Manatee County Public Works, having recognized the need to provide training for field staff to ensure the workforce is competent and capable of serving our customers, developed an in-house career ladder training program in 2006 to provide training on core mission tasks. While many aspects of the Public Works field do require some type of training and certification, much of the basic work revolving around street and drainage maintenance do not, frequently resulting in the training of new employees to occur on the job only.

T3 Dancing in the Rain: Adaptation and Resilience at the City of Fort Lauderdale

At the City of Fort Lauderdale, strategic community investments that employ adaptation and resiliency are becoming increasingly important and will continue to be a priority consideration in the future. Like many coastal communities, the City is actively developing and implementing policies and identifying specific projects to address climate change, sea level rise, and impacts from extreme weather events. The City integrates sustainability principles into short and long-term operations and planning.

T4 Using Intelligent Transportation Systems on Arterial Roads - Pinellas County's Experience

Pinellas County, in conjunction with the Florida Department of Transportation (FDOT), the City of Clearwater and the 22 other municipalities in the County are engaged in installation of a new Countywide Advanced Traffic Management Systems (ATMS)/Intelligent Transportation Systems (ITS). This national recognized and award winning system is one of the most progressive efforts to bring ITS to arterial roadways in the state. This system included real time adaptive control of signalized intersections, incident detection and traveler information services. Pinellas County, like other major urbanized metropolitan areas, has critical transportation problems.

T5 Advocating Public Works, Its time to step out of the shadows

Public works departments across the nation are excellent at doing their jobs, from keeping the infrastructure necessary for our way of life running in top shape, to putting our communities back together when mother nature tears the apart, when things are their worst, we are at our best, however, there is one thing we are not so good at, Advocating ourselves.

10:15 am - 11:15 am

T6 Emergency Bridge Rehabilitation - City of Fort Lauderdale

In August 2014, while the City of Fort Lauderdale Public Works Department was conducting regular maintenance repairs on this bridge, the contractor uncovered severe damages in the pretension piles of the bridge. Upon removal of the cracked and unsound concrete on these piles, severe pile deterioration was discovered. The observation revealed highly corroded steel reinforcement and steel strands that were completely eroded away. Additionally, there was a significant loss of the pile's concrete cross section. The preliminary evaluation analysis showed that the damages reduced the load bearing capacity of the piles to a fraction of their design capacity. This situation presented a significant threat to life safety as the bridge's capacity was significantly reduced below its rated capacity and a heavy vehicular traffic load could have caused catastrophic failure.

T7 Modeling Impacts of Climate Variability and Sea Level Rise on Coastal Surface Water Utility (Part 1)

Florida's tidal zones comprise 8,400 miles of coastline and 60-percent of the state's population can be found within 10 miles of the ocean. Since sea level has been rising an inch per decade since the 1990s, Florida's unique vulnerability to this threat positions the state to lead the industry in adaptive management strategy development. The data available to understand the world around us and its complex natural systems becomes increasingly less accurate the further back in time we search.

T8 State-of-Art Traffic Management for College Football Game Days and other Events - Gainesville, FL

The City of Gainesville is home to the University of Florida. The official population of Gainesville is just under 130,000, but when there is a big home football game, that number doubles overnight. With a stadium capacity of over 90,000 and tens of thousands of other fans tailgating on campus, the City has instituted several active arterial management strategies utilizing its award winning advanced traffic management system to manage the additional traffic. The presentation will initially outline the inception of the Gainesville traffic management system, stated goals and results, discuss the technology, demonstrate the project management strategies used during construction, functionality for daily use, and finally the role it plays during University of Florida game day weekends when the roadway network is most exhausted.

T9 Customer Service - A Different Perspective

Public Works is a very broad term. The two words represent the many services that are the staples of Public Works departments all across the nation: electricity, water, sewer, roadways, and many other service areas. All Public Works departments generally pride themselves in delivering a quality product to the end user; hence a form of "customer service". So how does a Public Works facilities department fit into the scheme of customer service? Most facilities departments manage many buildings housing various municipal departments and divisions, many of which are not a part of the Public Works department.

11:30 am - 12:30 pm

T10 Manatee County Comprehensive Maintenance Plan for Traffic Control Devices

This presentation is an overview of Manatee County's Comprehensive Maintenance Plan for Traffic Control Devices. The Comprehensive Maintenance Plan (CMP) is a guideline identifying specific goals and objectives, procedures and tasks, and reporting requirements for maintenance of traffic control devices. The CMP is comprised of 6 distinct Core Service Functions. Each Core Service Function covers a specific maintenance field; Traffic Signals, Roadway Lighting, Flashing Beacons, Signs, Pavement Markings, and Intelligent Transportation System devices. Each Core Service Function is defined by three plan components; specific tasks, annual goals and objectives, and procedures for administering the plan.

T11 Modeling Impacts of Climate Variability and Sea Level Rise on Coastal Surface Water Utility (Part 2)

Florida's tidal zones comprise 8,400 miles of coastline and 60-percent of the state's population can be found

within 10 miles of the ocean. Since sea level has been rising an inch per decade since the 1990s, Florida's unique vulnerability to this threat positions the state to lead the industry in adaptive management strategy development. The data available to understand the world around us and its complex natural systems becomes increasingly less accurate the further back in time we search.

T12 Crosstown Parkway Extension: Innovations through Design-Build

Archer Western and RS&H are providing a much-needed third bridge crossing for the North Fork of the St. Lucie River in the City of Port St. Lucie, desired by the City for over 30 years. The project includes 1.5 miles of roadway improvements and a 4,000-ft long bridge. The bridge traverses a highly environmentally sensitive area, requiring minimization of wetland impacts and protection of the Savannas Preserve State Park. This project features unique architecture for the City's signature bridge, drainage design, utility coordination and design, and extensive landscaping. The DB-Team's winning technical proposal included the first superstreet intersection in Florida, a Restricted Crossing U-Turn intersection. Presentation will discuss the challenges unique to this project and the solutions that will make it successful. Presentation will include an animated visualization of the future condition, including a demonstration of how the superstreet intersection works and is ideally suited to this project.

T13 Fueling Good: Planning, Design, and Program Management Strategies for Alternative Fuels in Florida

While petroleum-based fuels are expected to dominate supply in the near future, use of alternative fuels - ethanol, biodiesel, electricity, hydrogen, natural gas, and propane - are projected to grow rapidly over the next 30 years. Highlighted by an abundance of domestic natural gas and accelerating accessibility of electric drivetrains, alternative fuels are enhancing the bottom-line of organizations while improving public health and protecting the environment. Alternative fuels are diverse. Each fuel has a distinct business case that can be applied successfully to a variety of applications. Social and environmental benefits are also various, and must be considered in context with regional and project-specific drivers. Businesses, private fleets, municipalities, transit authorities, airports, and federal agencies all stand to benefit from alternative fuels. Strategies to harness the benefits include planning, design, and program management. Case studies of alternative fuel projects in Florida will highlight best practices and lessons learned.

2:30 pm - 3:30 pm

T14 Making Passionate Public Presentations...or, What You Won't Learn from Sheldon Cooper

Most public works engineers and directors have excellent technical skills learned from a rigorous engineering college curriculum and many years of practical work in the public works field. However, technical skills alone are not sufficient to effectively operate in today's public sphere. Public technical professionals must develop strong communication skills. Among the most important tools in this skill set is the ability to make oral public presentations. Often technical professionals hold on to the myth that they are simply not "natural born speakers." They fail to understand that public speaking is, for the most part, a learned skill, and technical professionals are particularly suited to learning these skills so long as they break through the myth and simply try. This presentation combines a series of humorous video clips with ten proven tips designed to help the participant learn how to put passion into their presentations.

T15 Water Utility Budgeting: Food to Drought, Understanding and Predicting Variable Cost Factors to Eliminate Surprises

Common practice in utility budget development is to make incremental adjustments to previous years' budgets based upon past budget performance and projected trends. This is a universally accepted, well proven technique which enjoys wide use across utility sectors for good reason - it works! In this approach, either conservative budgeting practices or reserve funds are relied upon to cover extraordinary costs from abnormal or unexpected events.

T16 ADA and Resurfacing of Streets, Lessons Learned, Costs, Issues

As part of its resurfacing of roads and its ADA transition plan, the City of Lakeland underwent a challenge of complying with the ADA requirements of altering of existing roadways. Project began with an overall inventory which was put into a database within ArcMap. This provided a baseline of how many handicap ramps actually existed.

T17 The Pedestrian, Bicycle, and Trail System in Manatee County

It is about biking, walking, and indirectly transit as they support and complement the roads. Public Works (Transportation Planning Division) identifies the needs similar to the way used for roads. However, the focus

shifts from capacity to increasing connections and accessibility. The main idea is to generate a list (with maps) of financially eligible projects that will contribute to the safety and mobility of the community, improve accessibility and connectivity for all users, make walking and bicycle trips easier, enhance the quality of Manatee County's urban environment and generate economic development through the promotion of a strong multimodal transportation network with focus on non-motorized travel.

Wednesday - April 20

10:15 am - 11:15 am

W1 Building a Strong Workforce Through Diversity

Women represent just 4 percent of the workforce in natural resources, construction, and maintenance; according to the U.S. Department of Labor. This underrepresentation in careers with benefits available without a 4-year college degree is a major factor in the fact that more than 18 percent of women and nearly half of single mothers with children live in poverty. In this session we will address the challenges women face with careers in infrastructure trades; we will discuss ways that organizations can increase diversity in their qualified applicant pool; and we will make suggestions for ways that employers can be intentional about developing a diverse and accepting workplace culture.

W2 Valens Drive Low Impact Development Demonstration Project

The City of Jacksonville has an opportunity to implement low impact development (LID) practices in both residential and commercial settings, and to demonstrate and quantify benefits including runoff volume and pollution load reductions associated with these practices. The presentation will focus on general LID principles, the LID manual developed by the City, as well as the Valens Drive LID Demonstration Project (scheduled for construction spring 2016).

W3 Pavement Management, A Fresh Start Moving Away from Worst First

Manatee County is undergoing a transformation in pavement management. Continued reductions in annual funding available for the 'resurfacing program', have driven home the need for a balanced attack in pavement maintenance. While staff has always been a believer in preservation, it is a different task to convince elected officials and the public of this.

W4 Driving into the Details: Mapping Construction on Miami's Dolphin Expressway

DRMP's GIS analysts are working with the Miami-Dade Expressway Authority (MDX) to develop a comprehensive inventory of all existing MDX assets along a 4-mile stretch of the Dolphin Expressway (SR 836), a major east-west travel corridor in the City of Miami. The asset inventory is being compiled with data from design files, survey data, mobile LiDAR scans, and GPS field validation. This pre-construction inventory will provide MDX with the ability to monitor new/removed/modified assets as the construction project progresses in the field.

1:00 pm - 2:00 pm

W5 The Local Technical Assistance Program Benefits, Practical Applications, Research, and Partnerships

The Florida Local Technical Assistance Program (LTAP) is a grant funded program housed at the University of Florida. With access to cutting edge research, best practices and new initiatives, our center, commonly known as the Technology Transfer Center (T2), serves to disseminate the technology gained from research in order to put it into practice. Partnerships include those with the Federal Highway Administration (FHWA), Florida Department of Transportation (FDOT), American Public Works Association (APWA) (local and national), Florida Association of County and Road Superintendents (FACERS), Florida League of Cities (FLC), Asphalt Contractors Association of Florida (ACAF), Florida Concrete and Products Association (FCPA), and many others.

W6 Stream Mitigation in Florida

Impacts to streams in Florida are mitigated the same as impacts to forested and herbaceous wetlands, on a per acre basis. Many U.S. Army Corps of Engineers (USACE) Districts outside the state have begun to require "in-kind" mitigation for streams i.e. offset streams with streams. This presentation will describe how the USACE districts in other states are requiring mitigation for stream resources and what this could mean if implemented in Florida.

W7 Great Roads Start from the Base Up!!

Moving forward with advanced technology. We will discuss how Granular Base roads built in the 1960's, 70's, 80's and 90's are not holding up to today's traffic loads, increased rainfall and higher water tables. How Flexible Stabilized Bases are stronger, last longer and are Sustainable for future generations using recyclable processes such as Full Depth Reclamation and Cold In-Place Recycling. Build from the Bottom Up, Build for Traffic Loads and Traffic Volumes, Build on a Firm Foundation, Get Water Away from the Road. How Roads with BASE problems were fixed in the past, present and future. Reuses existing materials. Remove the cracking network. Add significant structural integrity. FDOT, FAA and DOD specifications for FDR and CIR.

W8 Replacing Your Solid Waste Scalehouse without Interrupting Landfill Operations

This presentation describes both the design considerations as well as the unique construction hurdles. It is applicable not only to solid waste weigh stations but any infrastructure replacement in close proximity to active lanes of traffic.

2:15 pm - 3:15 pm

W9 Every Day Counts (EDC) Safety Innovations

This session will focus on the Every Day Counts (EDC) Innovations that address Safety Issues. The three Safety Innovations are: Data Driven Safety Analysis Approach, High Friction Surface Treatment and Safety Edge.

W10 10 Steps Toward Zero: Promoting Powerful Partnerships

Charting a pathway to Zero Waste is a daunting task and achieving it is even more of a challenge. Although there is still debate over how to define Zero Waste and whether it is obtainable, there is no denying that what was once an idealistic vision is becoming an industry trend. This presentation identifies business opportunities for the public & private sector that choose to take on Zero Waste by engaging in partnerships.

W11 Let's Fix Funding (Part 1)

This session builds on the "Let's Fix Funding!" grassroots efforts encompassing other state associations in 2015 such as ASCE, ACAF, ASHE, FACERS, FES, FICE and WTS. Presenters will also share perspective from State Legislators on the issues that surround roadway funding in Florida. For those who want to know what they can do to help drive the discussion and influence decision makers, this is your session.

W12 Getting The Most Out of Your Roof Assets

Gain an understanding of the basic components of today's complicated roof systems of the commercial roofing market. Participants will gain an understanding of the basic components of today's complicated roof systems. They will be able to identify the most common roof maintenance problems and learn how they can be fixed. Finally, they will learn how to set up a preventive maintenance program that includes budgeting. A PowerPoint or slide presentation with group exercises and discussion. Planned Q&A throughout presentation.

3:30 pm - 4:30 pm

W13 Finding and Training the Best Employees

The current workforce is aging and is soon approaching retirement. The younger generation is unaware of the opportunities and benefits of a career in Public Works. How do we address this potential shortfall in our workforce and attract the best employees? This presentation will help you to target your potential shortfalls within your workforce and will focus on training opportunities and resources that your organization can take advantage of to develop your future workforce.

W14 Integrated Infrastructure - An Innovative Solution for Stormwater Quality and Flood Control

With the continued implementation of the EPA's Clean Water Act, NPDES Phase II requirements and the FDEP mandates to reduce nutrient loading from stormwater discharges into impaired bodies of water, the design and development communities are seeking innovative ways to develop Basin Management Action Plans (BMAPs) to restore the waters of Florida.

W15 Let's Fix Funding (Part 2)

This session builds on the "Let's Fix Funding!" grassroots efforts encompassing other state associations in 2015 such as ASCE, ACAF, ASHE, FACERS, FES, FICE and WTS. Presenters will also share perspective from State Legislators on the issues that surround roadway funding in Florida. For those who want to know what they can do to help drive the discussion and influence decision makers, this is your session.

W16 Warm Mix Asphalt

Warm Mix Asphalt (WMA) is the generic term for a variety of technologies that allow producers of Hot Mix Asphalt (HMA) pavement material to lower temperatures at which the material is mixed and placed on the road.

**Questions? Please contact Plan Ahead Events - Tampa Bay
P: 727-544-1400 | F: 727-546-1956 | info@pae-tampabay.com**

FY 2016 Per Diem Rates for Tampa / St. Petersburg Florida

(October 2015 - September 2016)

Cities not appearing below may be located within a county for which rates are listed.

To determine what county a city is located in, visit the National Association of Counties (NACO) website (a non-federal website).

The following rates apply for **Tampa / St. Petersburg Florida**

Primary Destination (1, 2)	County (3, 4)	Max lodging by Month (excluding taxes)												M&IE (5)	
		2015			2016										
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
Tampa / St. Petersburg	Pinellas / Hillsborough	\$106	\$106	\$106	\$133	\$133	\$133	\$106	\$106	\$106	\$106	\$106	\$106	\$106	\$54

Footnotes

1. Traveler reimbursement is based on the location of the work activities and not the accommodations, unless lodging is not available at the work activity, then the agency may authorize the rate where lodging is obtained.
2. Unless otherwise specified, the per diem locality is defined as "all locations within, or entirely surrounded by, the corporate limits of the key city, including independent entities located within those boundaries."
3. Per diem localities with county definitions shall include "all locations within, or entirely surrounded by, the corporate limits of the key city as well as the boundaries of the listed counties, including independent entities located within the boundaries of the key city and the listed counties (unless otherwise listed separately)."
4. When a military installation or Government-related facility (whether or not specifically named) is located partially within more than one city or county boundary, the applicable per diem rate for the entire installation or facility is the higher of the rates which apply to the cities and/or counties, even though part(s) of such activities may be located outside the defined per diem locality.
5. *Meals and Incidental Expenses*, see Breakdown of M&IE Expenses for important information on first and last days of travel.

FY 2016 Meals and Incidental Expenses (M&IE) Breakdown

The separate amounts for breakfast, lunch and dinner listed in the chart are provided should you need to deduct any of those meals from your trip voucher. For example, if your trip includes meals that are already paid for by the government (such as through a registration fee for a conference), you will need to deduct those meals from your voucher. Refer to Section 301-11.18 of the Federal Travel Regulation for specific guidance on deducting these amounts from your per diem reimbursement claims for meals furnished to you by the government. Other organizations may have different rules that apply for their employees; please check with your organization for more assistance.

The table lists the six M&IE tiers in the lower 48 continental United States (currently ranging from \$51 to \$74). If you need to deduct a meal amount, first determine the location where you will be working while on official travel. You can look up the location-specific information at www.gsa.gov/perdiem. The M&IE rate for your location will be one of the six tiers listed on this table. Find the corresponding amount on the first line of the table (M&IE Total) and then look below for each specific meal deduction amount.

The table also lists the portion of the M&IE rate that is provided for incidental expenses (currently \$5 for all tiers).

Total	Continental Breakfast/ Breakfast	Lunch	Dinner	IE
\$51	\$11	\$12	\$23	\$5
\$54	\$12	\$13	\$24	\$5
\$59	\$13	\$15	\$26	\$5
\$64	\$15	\$16	\$28	\$5
\$69	\$16	\$17	\$31	\$5
\$74	\$17	\$18	\$34	\$5

This table lists the amount federal employees receive for the first and last calendar day of travel. The first and last calendar day of travel is calculated at 75 percent.

Total	First & Last Day of Travel
\$51	\$38.25
\$54	\$40.50
\$59	\$44.25
\$64	\$48.00
\$69	\$51.75
\$74	\$55.50

Looking for the foreign and outside the continental United States (OCONUS) breakdown chart? Visit FTR Appendix B. (Note: Appendix B breakdowns do not apply to any locations in the continental United States; use the table listed above.)

YOUR TRIP TO:



Tampa Convention Center

3 HR 59 MIN | 263.0 MI

$263 \times .54 \times 2 = \284.04



1. Start out going **west** on W Dania Beach Blvd toward NW 3rd Ave.

Then 0.03 miles 0.03 total miles



2. Take the 1st **left** onto SW 3rd Ave.

If you reach NW 4th Ave you've gone a little too far.

Then 0.25 miles 0.28 total miles



3. Take the 1st **right** onto Stirling Rd/FL-848.

Stirling Rd is 0.1 miles past SW 1st St.

If you are on SW 4th Ave and reach SW 2nd Ter you've gone a little too far.

Then 0.91 miles 1.19 total miles



4. Merge onto I-95 N toward **W Palm Bch.**

Then 1.76 miles 2.95 total miles



5. Take the **I-595** exit, **EXIT 24**, toward **Port Everglades/Ft Laud-Hlwd Int'l Airport.**

Then 0.26 miles 3.21 total miles



6. Merge onto I-595 W via the ramp on the **left** toward **I-75.**

Then 2.58 miles 5.79 total miles



7. Keep **right** to take I-595 W toward **All Exits.**

Then 10.07 miles 15.86 total miles



8. I-595 W becomes I-75 N (Portions toll).

Then 236.00 miles 251.86 total miles



9. Merge onto FL-618 W/Lee Roy Selmon Expy W via **EXIT 256** toward **Tampa/Port of Tampa** (Portions toll).

Then 10.53 miles 262.39 total miles



10. Take **EXIT 7** toward **Downtown-West.**

Then 0.25 miles 262.64 total miles



11. Keep **left** to take the **Brorein St** ramp.

Then 0.02 miles 262.66 total miles

Then 0.17 miles 262.83 total miles



13. Turn left onto S Franklin St.

S Franklin St is just past S Florida Ave.

If you are on E Brorein St and reach S Tampa St you've gone a little too far.

Then 0.15 miles 262.98 total miles



14. Tampa Convention Center, 333 S FRANKLIN ST.

Your destination is just past Channelside Dr.

If you reach Old Water St you've gone a little too far.

Use of directions and maps is subject to our [Terms of Use](#). We don't guarantee accuracy, route conditions or usability. You assume all risk of use.