



AMERICAN PUBLIC TRANSPORTATION ASSOCIATION

# 2010 BUS TECHNICAL, MAINTENANCE AND PROCUREMENT WORKSHOP

**October 3-5  
Marriott Riverwalk  
San Antonio, TX**

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This workshop brings together transit professionals interested in bus maintenance, maintenance training, bus engineering, and transit procurement and materials management to discuss and share information on the latest developments in these areas.

## **WORKSHOP SESSIONS/ANNUAL MEETING SESSIONS**

As part of the APTA Bus Technical, Maintenance and Procurement Workshop, not only are all traditional workshop educational sessions and activities open to the workshop participants, but APTA Annual Meeting sessions also are offered.

### **APTA's Vision**

Be the leading force in advancing public transportation.

### **APTA's Mission**

To strengthen and improve public transportation, APTA serves and leads its diverse membership through advocacy, innovation, and information sharing.

### **APTA's Policy on Diversity**

APTA recognizes the importance of diversity for conference topics and speakers and is committed to increasing the awareness of its membership on diversity issues. APTA welcomes ideas and suggestions on how to strengthen its efforts to meet these important diversity objectives.

# 2010 BUS TECHNICAL, MAINTENANCE AND PROCUREMENT WORKSHOP PROGRAM AT-A-GLANCE

Sunday, October 3	Monday, October 4	Tuesday, October 5
<p><b>Please Note:</b> All Meetings and Sessions take place in the Marriott Riverwalk unless otherwise noted</p> <p>(T) Technical Sessions (P) Procurement Sessions</p> <hr/> <p><b>Registration</b> (Bowie B, Grand Hyatt) 7:30 a.m. – 6:30 p.m.</p> <p><b>Bus Technical Maintenance Committee Meeting</b> (Salon E) 2 – 3:30 p.m.</p> <p><b>Clean Propulsion Committee Meeting</b> (Salon E) 4 – 5:30 p.m.</p> <p><b>PMMC Committee Meeting</b> (Lone Star D, Grand Hyatt) 4 – 5:30 p.m.</p> <p><b>Welcome Reception /Products &amp; Services Showcase</b> (Exhibit Hall A Convention Center) 6 – 8 p.m.</p>	<p><b>Registration</b> (Bowie B, Grand Hyatt) 7 a.m. – 5 p.m.</p> <p><b>Continental Breakfast</b> (Salon D) 7 – 8 a.m.</p> <p><b>Welcome and Opening Remarks</b> (Salon D) 8 – 8:30 a.m.</p> <p><b>2010 Engine</b> (T) (Salon F) 8:30 – 10:45 a.m.</p> <p><b>Round Table on the Standard Bus Procurement Guidelines</b> (P) (Salon E) 8:30 - 10 a.m.</p> <p><b>FTA Update – Hot Topics</b> (P) (Salon E) 10:15 – 11:45 a.m.</p> <p><b>FuelCost2: A Tool for Assessing Lifecycle Costs</b> (T) (Salon D) 11 – 11:45 a.m.</p> <p><b>Lunch and Products &amp; Services Showcase</b> (Exhibit Hall A Convention Center) 12 – 1:45 p.m.</p> <p><b>Electric HVAC Systems</b> (T) (Salon F) 2 – 3:15 p.m.</p> <p><b>State of Good Repair</b> (T) (Salon D) 2 – 3:30 p.m.</p> <p><b>Vendor Managed Inventory</b> (P) (Salon E) 2 – 3:30 p.m.</p> <p><b>Going All Electric</b> (T) (Salon D) 3:30 – 5 p.m.</p> <p><b>DBE 2010 Challenges and Changes – Are You Ready</b> (P) (Lone Star B, Grand Hyatt) 4 – 5:30 p.m.</p> <p><b>COMTO/APTA DBE Reception</b> (Texas D-E Grand Hyatt) 5:30 – 6:30 p.m.</p>	<p><b>Registration</b> (Bowie B, Grand Hyatt) 7:30 a.m. – 5 p.m.</p> <p><b>Continental Breakfast</b> (Salon D) 7:30 – 8:30 a.m.</p> <p><b>General Session Featuring Malcolm Gladwell</b> (P) Texas Ballroom, Grand Hyatt) 8:30 – 10 a.m.</p> <p><b>Maintenance Training ASE Certification</b> (T) (Salon E) 8:30 - 10 a.m.</p> <p><b>What’s Propelling Your Bus?</b> (T) (Salon F) 8:30 – 10 a.m.</p> <p><b>Brakes</b> (T) (Salon E) 10 – 11 a.m.</p> <p><b>Green to Greenbacks</b> (T) (Salon F) 10 – 11 a.m.</p> <p><b>Procurement Systems Reviews – Getting Ready</b> (P) (Salon A) 10:30 a.m. – 12 p.m.</p> <p><b>Impact of New Technologies on Fleets and Facilities</b> (T) (Salon F) 11 a.m. – 12 p.m.</p> <p><b>Closing Networking Lunch</b> (P) (T) (Salon D) 12 – 2 p.m.</p> <p><b>Bonding – What It Does and Doesn’t Do for a Public Agency</b> (P) (Salon E) 2 – 3:30 p.m.</p> <p><b>Technical Tour: VIA Metropolitan Transit’s Maintenance Facility</b> (T) 2 – 5 p.m.</p> <p><b>Evaluating Negotiated Procurements</b> (P) (T) (Salon A) 3:45 – 5:15 p.m.</p>

# **2010 BUS TECHNICAL, MAINTENANCE AND PROCUREMENT WORKSHOP**

## **Sunday, October 3**

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**7:30 a.m. – 6:30 p.m.**  
**Bowie B, Grand Hyatt**

**Registration**

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**2 – 3:30 p.m.**  
**Salon E, Marriott**

**Bus Technical Maintenance Committee Meeting**

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**4 – 5:30 p.m.**  
**Salon E, Marriott**

**Clean Propulsion & Support Technology Committee Meeting**

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**4 – 5:30 p.m.**  
**Lone Star D**  
**Grand Hyatt**

**Procurement and Materials Management Committee Meeting**

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**6 – 8 p.m.**  
**Exhibit Hall A**  
**Convention Center**

**Welcoming Reception / Products7 and Services Showcase**

## **Monday, October 4**

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**7 a.m. – 5 p.m.**  
**Bowie B**  
**Grand Hyatt**

**Registration**

## Monday, continued

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7 – 8 a.m.  
Salon D, Marriott

### Continental Breakfast

Continental Breakfast Sponsored by  
Trapeze Group



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8 – 8:30 a.m.  
Salon D, Marriott

### Welcome and Opening Remarks

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8:30 – 10:45 a.m.  
Salon F, Marriott

### 2010 Engine (T)

- Exhaust System
- Selective Catalytic Reduction
- Diesel Engine with a No SCR Liquid Solution

**Presenters:**

**Robert Josen**, OEM account manager, Cummins, Inc., Columbus, IN

**Aldo Ambrosini**, vocational sales manager, Navistar, Warrenville, IL

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8:30 – 10 a.m.  
Salon E, Marriott

### Round Table on the Standard Bus Procurement Guidelines (P)

The discussion will focus on the Standard Bus Procurement Guidelines and the status of the Standard Light Rail Vehicle Procurement Guidelines. You will hear thoughts from the FTA, agency representatives, and business members.

**Moderator:**

**Richard J. Wiczorek**, chair, APTA Procurement and Materials Management Committee, and department manager, procurement, San Francisco Bay Area Rapid Transit District, Oakland, CA

**Panelists:**

**Margaret E. Merhoff**, contract administration manager (retired), Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA

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## Monday, continued

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**Mark V. Brager, P.E.**, director, North American transit sales, New Flyer Industries, Winnipeg MB

**Robert C. Highfill, P.E.**, senior program manager, Jacobs, Walnut Creek, CA

**Eric Prefontaine**, legal counsel, contract & legal affairs, Bombardier Transportation North America, Saint Bruno, QC

**Patrick M. Centolanzi, P.E.**, transportation program engineer, Office of Technology, Federal Transit Administration, Washington, DC

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**10:15 – 11:45 a.m.**  
**Salon E, Marriott**

### **FTA Update – Hot Topics (P)**

Representatives from the FTA will provide an update on federal programs including Buy America, Title VI, ARRA, and TIGGER funding. Best Practices Manual, NTI courses update, responses to submitted questions, and updates regarding FTA policies/procedures will be discussed.

**Moderator:**

**Richard J. Wieczorek**, vice chair, APTA Procurement and Materials Management Committee, and department manager, procurement, San Francisco Bay Area Rapid Transit District, Oakland, CA

**Panelists:**

**James Harper, Jr.**, director, office of acquisition management, Federal Transit Administration, Washington, DC

**Henrika Buchanan-Smith**, director, Office Transit Management, Federal Transit Administration, Washington, DC

**Patrick M. Centolanzi, P.E.**, transportation program engineer, Office of Technology, Federal Transit Administration, Washington, DC

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**11– 11:45 a.m.**  
**Salon D, Marriott**

### **Fuel Cost2: A Tool for Assessing Lifecycle Costs (T)**

Join us for a hands-on demonstration of new tools to help make a better assessment for your fueling needs.

Diesel – CNG – Electric Vehicles...

**Presenter:**

**Delma Bratvold**, analyst, Science Applications International Corporation, St. Paul, MN

*\*Please bring a laptop for a copy of the tool\**

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## Monday, continued

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**12 – 1:45 p.m.**  
**Exhibit Hall A**  
**Convention Center**

### **Lunch and Products & Services Showcase (P) (T)**

The 2010 Annual Meeting proudly showcases many business members' products and services. Registrants can view the products and obtain information relating to the transit products and services on display. Expert personnel are on hand to answer questions as you inspect what is new and innovative in the world of transit equipment and services.

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**2 – 3:15 p.m.**  
**Salon F, Marriott**

### **Electric HVAC Systems (T)**

The Application of current performance specifications to electric HVAC units.

**Presenter:**

**Steve Johnson**, product manager, large bus and rail HVAC, Thermo King Corporation, Bloomington, MN

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**2 – 3:30 p.m.**  
**Salon D, Marriott**

### **State of Good Repair (T)**

What should you be doing with your assets? Do you have a facility maintenance plan?

**Presenters:**

**Rolando Cruz**, executive director & vice president, maintenance and facilities, Long Beach Transit, Long Beach, CA

**Donald J. Leidy**, managing principal, Maintenance Design Group, LLC, Denver, CO

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**2 – 3:30 p.m.**  
**Salon E, Marriott**

### **Vendor Managed Inventory (P)**

Presentation by SEPTA on their vendor managed inventory program. Presentations from SEPTA staff that created and procured, and is running this program, along with one or more of the selected vendors. Hear how they did it and how it works.

**Moderator:**

**Margaret E. Merhoff**, contract administration manager (retired), Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA

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## Monday, continued

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**Presenters:**

**Robert Landgraf**, director, supply chain management, Southeastern Pennsylvania Transportation Authority, Philadelphia, PA

**Raymond J. Melleady**, vice president, parts management, Neopart LLC, Clifton Park, NY

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**3:30 – 5 p.m.**  
**Salon D, Marriott**

### **Going All Electric** (T)

Using technology to enhance sustainability.

**Presenters:**

**George Karbowski**, chair, APTA Clean Propulsion & Support technology Committee, and director, operations and maintenance, Foothill Transit, West Covina, CA

**Mike Finnern**, project manager, Proterra, Golden, CO

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**4 – 5:30 p.m.**  
**Lone Star B,**  
**Grand Hyatt**

### **DBE 2010 Challenges and Changes – Are You Ready?** (P)

Is your agency keeping up-to-date with the challenges that have been made to transit DBE programs? How do FTA's new DBE proposals affect your agency? Do you involve your DBE's in your agency's goal setting process? This session will provide you with the latest information on DBE issues and best practices as well as new resources that transit agencies can draw upon to strengthen and improve their DBE efforts.

**Moderator:**

**Julie A. Cunningham**, president/CEO, Conference of Minority Transportation Officials, Washington, DC

**Panelists:**

**Kenn Hardin**, business opportunity administrative officer, Regional Transportation District, Denver, CO

**Nancy Lowenthal**, attorney at law, San Francisco Bay Area Rapid Transit District, Oakland, CA

**Colette Holt**, principal, Colette Holt & Associates, Chicago, IL

**Dorval R. Carter, Jr.**, chief counsel, Federal Transit Administration, Washington, DC

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## Monday, continued

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**5:30 – 6:30 p.m.**  
**Texas D-E**  
**Grand Hyatt**

### **Making the Business Connection: Creating Partnership Opportunities for DBEs and Small Businesses (P) (T)**

The Conference of Minority Transportation Officials (COMTO) and APTA invite you to celebrate DBE firms, meet APTA and COMTO members from across the country, and learn about contracting opportunities in the public transportation industry. Bring your business cards and be prepared for introductions to prospective partners during this “meet and greet” reception.

## Tuesday, October 5

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**7:30 a.m. – 5 p.m.**  
**Bowie B, Grand Hyatt**

### **Registration**

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**7:30 – 8:30 a.m.**  
**Salon D, Marriott**

### **Continental Breakfast**

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**8:30 – 10 a.m.**  
**Texas Ballroom**  
**Grand Hyatt**

### **Opening General Session Featuring Malcolm Gladwell (P)**

APTA's business members invite you to attend this general session. Our guest speaker, Malcolm Gladwell, a *New York Times* bestseller author, has an incomparable gift for interpreting new ideas in the social sciences and making them understandable, practical and valuable to business and general audiences alike. He is the bestselling author of four books and staff writer with *The New Yorker* magazine. His books include *The Tipping Point*, *Blink*, and *Outliers: The Story of Success*. Mr. Gladwell's has become so successful at this, that in 2005, *Time Magazine* named Gladwell one of its 100 Most Influential People.

#### **Presiding:**

**Sharon Greene**, vice chair-business members, APTA; chair, APTA Business Member Board of Governors; and principal, Sharon Greene and Associates, Laguna Beach, CA

**Keynote Speaker:**  
**Malcolm Gladwell**



## Tuesday, continued

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**8:30 – 10 a.m.**  
**Salon E, Marriott**

### **Maintenance Training and ASE Certification** (T)

#### **ASE Certification**

Why is it important and how can you become certified.

**Dennis M. Cristofaro**, manager, bus maintenance training & development, Chicago Transit Authority, Chicago, IL

#### **Regional Training Consortiums**

Learn how training consortiums are helping the industry and how ASAE certification can help you and your agency.

**Ken Mall**, managing director, workforce consulting, Educational Data Systems. Inc. Dearborn, MI

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**8:30 – 10 a.m.**  
**Salon F, Marriott**

### **What's Propelling Your Bus?** (T)

#### **Bio Fuels**

How one energy is successfully transitioning to biodiesel.

**Lisa E. Darnall**, chief operating officer, LYNX – Central Florida Regional Transportation Authority, Orlando, FL

#### **Fuel Cells**

What is the status with fuel cell buses and transit?

**Lauren Justice**, project manager, Center for Transportation and the Environment, Atlanta, GA

#### **Diesel and What You Don't Know**

Unusual contaminants in modern diesel fuels.

**Steve Westbrook**, staff scientist, Southwest Research Institute, San Antonio, TX

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**10 – 11 a.m.**  
**Salon E, Marriott**

### **Brakes** (T)

What new brake studies have been completed and what legislation is pending?

#### **Presenters:**

**Bruce Dahl**, transit maintenance analyst, King County Department of Transportation/Metro Transit, Seattle, WA

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## Tuesday, continued

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**Chad Robinson**, marketing development manager, bus and transit, MGM Brakes, Charlotte, NC

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**10 – 11 a.m.**  
**Salon F, Marriott**

### **Green to Greenbacks** (T)

How can you make your facility greener and save your agency money?

**Presenter:**

**Rolando Cruz**, executive director & vice president, maintenance and facilities, Long Beach Transit, Long Beach, CA

**Aaron Kelly, AIA, LEED AP**, associate principal, RNL Design, Los Angeles, CA

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**10:30 a.m. – 12 p.m.**  
**Salon A, Marriott**

### **Procurement Systems Reviews – Getting Ready** (P)

One approach that the FTA utilizes in monitoring compliance with FTA Circular 4220.1F, Third Party Contracting Guidelines is the Procurement Systems Review. It is a rigorous review related to all aspects of the procurement process at an agency. This session will: 1) describe the reasons behind the need for compliance; 2) provide a description of how a review is conducted and what are some of the most common findings reported; 3) describe how an agency can maintain its readiness for an FTA visit; and 4) explain how an agency can develop useful tools and checklists for its procurement organization.

**Moderator:**

**Richard J. Wieczorek**, vice chair, APTA Procurement and Materials Management Committee, and department manager, procurement, San Francisco Bay Area Rapid Transit District, Oakland, CA

**Panelists:**

**James Harper, Jr.**, director, Office of Acquisition Management, Federal Transit Administration, Washington, DC

**Jim Muir**, program manager, procurement system review, Federal Transit Administration, Washington, DC

**Denise Bailey**, principal, Milligan and Company, LLC, Philadelphia, PA

**Paul L. Como**, vice president of procurement & materials, Metropolitan Transit Authority of Harris County, Houston, TX

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## Tuesday, continued

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**Steven S. Policar**, supervisor, vehicle maintenance, King County Metro Transit Division/Department of Transportation, Seattle, WA

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**11 a.m. – 12 p.m.**  
**Salon F, Marriott**

### **Impact of New Technologies on Fleets and Facilities** (T)

What are the trends from an OEM and supplier perspective?

**Presenters:**

**Mark Fisher**, western regional sales manager, New Flyer, Winnipeg, MB

**John P. Walsh**, chief research and strategy officer, Clever Devices, Ltd., Plainview, NY

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**12 – 2 p.m.**  
**Salon D, Marriott**

### **Closing Networking Lunch** (P) (T)

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**2– 3:30 p.m.**  
**Salon E, Marriott**

### **Bonding – What It Does and Doesn't Do for a Public Agency** (P)

Join a panel discussion on the types of bonds typically used for vehicle procurements and service contracts, including operating services contracts, levels of bonds and selecting the correct bonding level. The issue of what happens in the event of a default also will be covered.

**Moderator:**

**Sandra Lautenberg**, co-chair, APTA Procurement Steering Committee, and vice president, operations (North America), Trueform LLC, Edison, NJ

**Panelists:**

**Robert Brownstein**, vice president, Halcrow, Inc., New York, NY

**Nancy Feinrider**, partner, Manatt, Phelps & Phillips, LLP, New York, NY

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**2 – 5 p.m.**

### **Technical Tour: VIA Metropolitan Transit's Maintenance Facility** (T)

The tour will give participants a look into the maintenance operations of the nation's largest transit agency to use a single facility for all of its vehicle maintenance needs. The tour will give

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## Tuesday, continued

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participants a look into the maintenance operations of the nation's largest transit agency to use a single facility for all of its vehicle maintenance needs. Built in 1948, VIA's 31-acre maintenance facility is being expanded and refurbished to fully utilize its operational efficiencies with many state-of-the-art upgrades to accommodate VIA's growing fleet. Such improvements include the installations of natural and forced ventilation systems, a new engine exhaust collection system, stand-alone dust collection systems, active and passive noise suppression systems, and the replacement of equipment such as exhaust fans, supply fans, and air compressors to reduce vibrations and noise.

VIA's maintenance facility encompasses 15 maintenance bays, 16 body shop bays, 11 inspection bays, and 6 major overhaul bays. There is a separate paint shop, teaching facility, cleaning facility, and refueling stations with the capability of pumping five different kinds of fuels. The maintenance operations run 24 hours a day, seven days a week servicing 455 buses, 105 paratransit vans, and 150 support vehicles each day. The maintenance personnel are trained to extract the maximum efficiencies from vehicles that run on diesel, propane, E-10 gasoline blends, compressed natural gas, and hybrid technologies.

Please sign up for the tour at the host information desk in the APTA registration area, Bowie B, Second Level in the Grand Hyatt. VIA will provide transportation between the Grand Hyatt and the VIA Maintenance Facility. Buses will pick up tour participants from the designated VIA shuttle stop outside the hotel's main entrance on Market Street.

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**3:45 – 5:15 p.m.**  
**Salon A, Marriott**

### **Evaluating Negotiated Procurements (P) (T)**

This is a joint session with the participants of the Bus Technical, Maintenance Workshop. It will cover the presentations given in San Diego by LACMTA, but will be a "practical" session. There will be exercises using ATLP and Explicit Factors (numbers). A brief discussion will also cover "Best Value." The exercises can either focus on developing evaluation criteria and/or on how to perform an evaluation.

**Presenter:**

**Margaret E. Merhoff**, contract administration manager (retired), Los Angeles County Metropolitan Transportation Authority, Los Angeles, CA

# General Information

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## Conference and Hotel Information

### Grand Grand Hyatt

*(Annual Meeting headquarters hotel)*

600 East Market Street  
San Antonio, TX 78205  
Tel: 210-224-1234  
Fax: 210-271-8019

### Marriott Riverwalk

*(Bus Technical, Maintenance and Procurement  
Workshop headquarters hotel)*

889 East Market Street  
San Antonio, TX 78205  
Tel: 210-224-4555  
Fax: 210-224-2754

### Marriott Rivercenter

101 Bowie Street  
San Antonio, TX 78205  
Tel: 210-223-1000  
Fax: 210-223-6239

## VIA Airport Shuttle Service

VIA will offer shuttle service between the San Antonio International Airport and the Grand Hyatt.

The service will operate during the following times:

<b>Airport to Grand Grand Hyatt</b>	<b>BEGINS</b>	<b>ENDS</b>
<b>Sunday, October 3</b>	<b>9 a.m.</b>	<b>10 p.m.</b>
<b>Monday, October 4</b>	<b>9 a.m.</b>	<b>1 p.m.</b>
<b>Grand Grand Hyatt to Airport</b>		
<b>Tuesday, October 5</b>	<b>12 p.m.</b>	<b>7 p.m.</b>
<b>Wednesday, October 6</b>	<b>8 a.m.</b>	<b>7 p.m.</b>

The designated stop for this shuttle service, at the Grand Grand Hyatt, is located outside the hotel's main entrance on Market Street. The designated stop, at the San Antonio International Airport, is located on the lower level (baggage claim area) between terminals 1 & 2.

## **General Information, continued**

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### **Accessible Transportation**

VIA wants to make it easy for you to reach your destination while visiting the Alamo City. For individuals with disabilities who cannot use fixed route bus service, VIA offers VIAtrans, a demand-response, advance-reservation, shared-ride, address-to-address, curb-to-curb, paratransit service comparable to the fixed route bus service. Accessible bus service is also available for visitors who want to travel the city using one of VIA's mainline bus routes.

For information on VIA's accessible bus routes, call 210-362-2020 or log on to [www.viainfo.net](http://www.viainfo.net).

For information on receiving ADA visitor status to access VIAtrans, contact VIA's Accessible Service department at 210-362-2152 and ask for Maria Villarreal.

### **Host Information Desk**

VIA has a general information desk in the APTA registration area, Bowie B, Second Level in the Grand Grand Hyatt. VIA staff is available Saturday through Wednesday to answer questions you may have regarding local sites, restaurants, social, and cultural activities, and to provide transportation information and maps. Please consult the VIA Streetcar brochure included with your registration materials for the easiest way to get around downtown. The host information desk is open the same hours as the APTA registration desk.

### **Conference Registrants' Transportation**

All registered conference attendees will receive free rides on VIA's bus system by presenting their conference badge to the operator upon boarding.

**NOTE:** In addition to the host information desk, the concierge service in the Grand Grand Hyatt will have information on family-friendly activities in San Antonio. The concierge will also be happy to help you arrange for child care/babysitting services during your stay.