



Metro Codes

E—News For Professionals

Metropolitan Government of Nashville and Davidson County



Mayor Dean's Vision For Music City Center

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—Mayor Karl Dean

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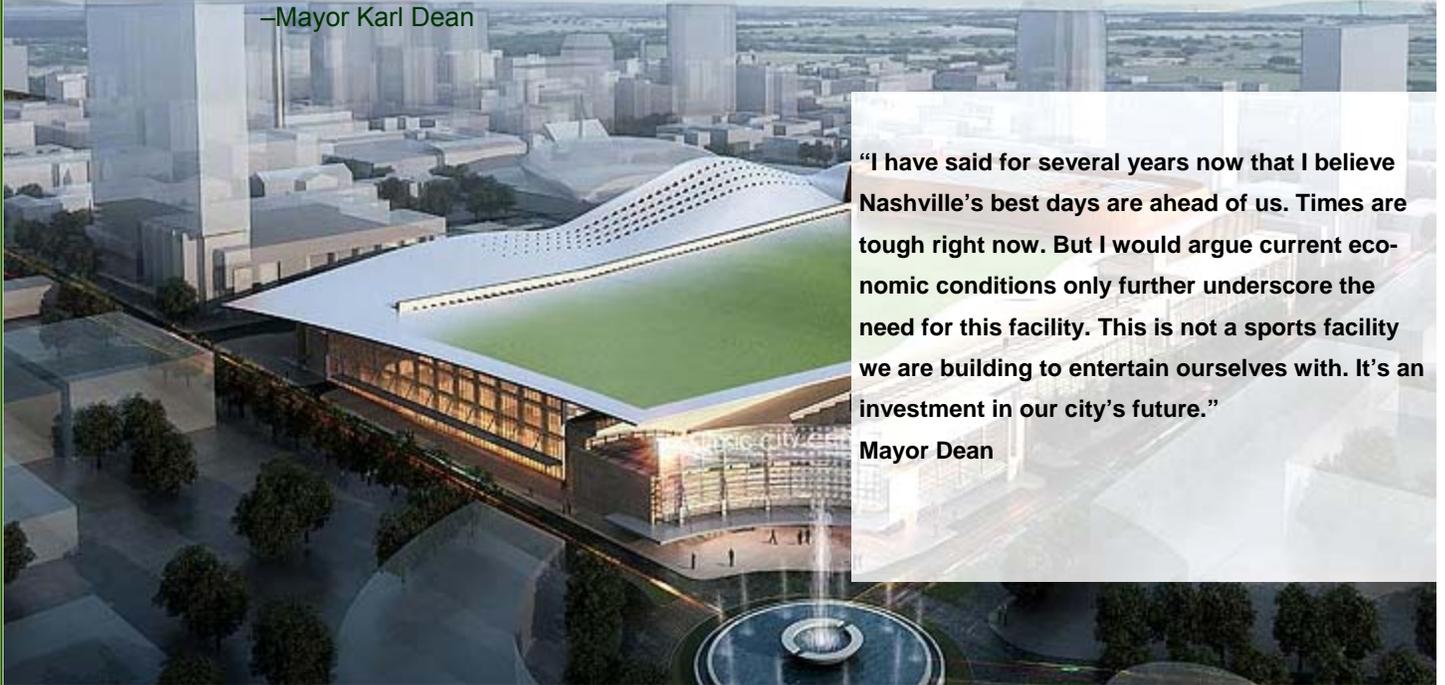
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—Mayor Karl Dean

Mayor Dean's Vision For Music City Center

"I have said for several years now that I believe Nashville's best days are ahead of us. Times are tough right now. But I would argue current economic conditions only further underscore the need for this facility. This is not a sports facility we are building to entertain ourselves with. It's an investment in our city's future."

Mayor Dean



An architectural rendering of the Southwest side of the Music City Center, including the entrance to the center and a view of the proposed roundabout intersecting Korean Veterans Boulevard and Eighth Avenue.



The Music City Center, a vision to secure Nashville's place as a destination city, continues forward under the leadership of Mayor Karl Dean.

now. But I would argue current economic conditions only further underscore the need for this facility. This is not a sports facility we are building to entertain ourselves with. It's an investment in our city's future," Mayor Dean said.

From its vision statement, a picture of what the new Music City Center could be when it becomes a reality.

Mayor Dean has been clear in his belief and support for this project. He outlined, in a speech before the Metropolitan Council in April, his thoughts about what happens if Nashville hesitates to move ahead. "This fact is indisputable: If we do nothing – if we do not build or if we significantly postpone building a new convention center in our city – the number of convention visitors, and the important revenue they generate for our city, will continue to decline."

We have an opportunity to not only preserve our tourism industry, but help it grow substantially, and do so using dedicated funds from tourism-related taxes and fees. Let me be clear: This is not money that can be used for anything else. These funds come from revenue sources created specifically for this purpose. And by law, the development of a new downtown convention center is the only way that money can be spent. Most importantly, it's non-property tax revenue," Mayor Dean said.

"I have said for several years now that I believe Nashville's best days are ahead of us. Times are tough right



SECTION THROUGH SOUTH END OF EXHIBIT HALL

EPA CONSIDERING NEW ENERGY STAR GUIDELINES

The Environmental Protection Agency (EPA) is proposing, and soliciting feedback on, the third-generation guidelines for ENERGY STAR qualified homes. EPA believes that the next generation is an opportunity to:

- Add requirements that ensure a comprehensive approach to building science
- Ensure high-efficiency equipment and products in qualified homes
- Add new, high-value on-site inspections to ensure that ENERGY STAR qualified homes perform to expected levels
- Limit the carbon footprint of large homes earning the ENERGY STAR

These improvements, according to the EPA, will help the agency meet its broader goal to transform the housing industry to building homes with less environmental impact and increased homeowner benefits, including greater affordability through lower energy bills, along with improved comfort, indoor air quality, and durability.

By revising the guidelines for ENERGY STAR qualified homes, EPA will ensure that qualified homes continue to represent a meaningful improvement in energy efficiency over homes that

that are built to code or standard builder business practices. The revision has been necessitated by the following:

• Codes are ramping up:

Across the nation, increasingly rigorous energy codes are being planned or implemented at the Federal, State, and local levels. When codes approach or exceed the ENERGY STAR Qualified Homes guidelines, it is critical that EPA increase the requirements for the ENERGY STAR program to assure meaningful above-code performance for homebuyers.

• Standard business practices are ramping up:

In 2008, over 17 percent of all homes built were qualified as ENERGY STAR. As existing ENERGY STAR guidelines become standard practice in many markets, it is necessary to increase requirements to keep the label relevant.

• New technologies and practices are available to increase the value proposition:

There are a number of market-ready technologies and construction practices beyond what is required in the current ENERGY STAR Qualified Homes guidelines that can cost-effectively improve the performance of homes that earn the label.

For more information, please go to:

http://www.energystar.gov/ia/new_homes/

Code Council Proposed Code Changes Monograph Available

The International Code Council (ICC) has released a monograph of all the proposed "model" code changes that will be heard during the ICC Code Development Hearings, Oct. 24–31 and Nov. 4–11, in Baltimore, MD.

The hearings will provide an opportunity for codes officials, architects, contractors, engineers, manufacturers, government agencies, industry representative as well as many others to express their ideas and concerns about issues which affect the industry throughout the U.S. and throughout the world. From these hearings, changes to the model codes will be recommended for future editions of the International Codes. The recommended changes will be advanced to a final code action hearing in 2011, prior to the next publication of the International Codes in 2012.

Proposed code changes in the monograph are for review so those with an interest may make their views known to the relevant code committee and others with an interest. Committees hold public hearings to hear comments and arguments for or against proposed changes. Those who want to testify on any published changes must attend or be represented at the hearings.

The document and a coupon to order a CD of the monograph is available at www.iccsafe.org/monograph. CD copies of the

monograph will be mailed for delivery on or about October 3. The compilation of code change proposals is available only on CD. As part of the Council's green initiatives, it will no longer print and distribute the document, or supply printed copies at the hearings. The 2009/2010 ICC Code Development Hearing schedule is available at www.iccsafe.org/HearingSchedule.

Proposed code changes are based on the 2009 editions of the International Building, Energy Conservation, Existing Building, Fire, Fuel Gas, Mechanical, Plumbing, Private Sewage Disposal, Property Maintenance, Residential, and Wildland-Urban Interface codes.

The International Code Council, a membership association dedicated to building safety, fire prevention and energy efficiency, develops the codes used to construct residential and commercial buildings, including homes and schools. Most

U.S. cities, counties and states choose the International Codes, building safety codes developed by the International Code Council.



PROPOSED CHANGES TO THE 2009 EDITIONS OF THE

INTERNATIONAL BUILDING CODE®
INTERNATIONAL ENERGY CONSERVATION CODE®
INTERNATIONAL EXISTING BUILDING CODE®
INTERNATIONAL FIRE CODE®
INTERNATIONAL FUEL GAS CODE®
INTERNATIONAL MECHANICAL CODE®
INTERNATIONAL PLUMBING CODE®
INTERNATIONAL PRIVATE SEWAGE DISPOSAL CODE®
INTERNATIONAL PROPERTY MAINTENANCE CODE®
INTERNATIONAL RESIDENTIAL CODE®
INTERNATIONAL WILDLAND-URBAN INTERFACE CODE®
INTERNATIONAL ZONING CODE®

October 24 2009 – November 11, 2009
Hilton Baltimore
Baltimore, MD



ADA and ABA Standards Available on the Board's Website

Guidelines previously issued by the United States Access Board are driving updates to design standards used to enforce the Americans with Disabilities Act (ADA) and the Architectural Barriers Act (ABA). Not only will the standards be brought up-to-date, but they will be made more uniform under both the ADA, which covers facilities in the private sector and the state and local government sector, and the ABA which applies primarily to Federal facilities. Several different Federal agencies are involved in this work, and final action on some standards is still pending. As a result, original versions of the standards remain in effect for some ADA or ABA facilities while updated versions are in place for others.



To help users navigate this temporary mix of old and new standards, the Board has posted additional guidance on its website on which standards to follow according to facility type. This infor-

mation explains the scope and status of each of the standards and provides direct links to the version in effect, including newly posted editions of updated ADA and ABA standards adopted by enforcing agencies. This webpage, located at www.access-board.gov/ada-aba/guide.htm, also provides information on the status of standards that are pending, including those the Department of Justice (DOJ) intends to adopt under the ADA.

DOJ's standards apply to all facilities covered by the ADA except transportation facilities, which are subject to standards from the Department of Transportation (DOT). Last June, DOJ published for public comment a notice to adopt new standards which it is currently finalizing. The final notice will specify an effective date for the new standards. Until that date, DOJ's original ADA standards remain in effect. Updated standards adopted by DOT are in effect for transportation facilities covered by the ADA, including bus stops and stations, rail stations, and airports.

ABA standards apply to facilities that are federally funded. Most ABA facilities are subject to standards maintained by the General Services Administration (GSA). GSA has issued updated standards, as has the U.S. Postal Service, which maintains standards for facilities under its jurisdiction. Updated standards are pending from the Department of Housing and Urban Development (HUD) and the Department of Defense (DOD). Until new HUD and DOD standards are in place, the original standards, the Uniform Federal Accessibility Standards (UFAS), remain in effect for federally funded housing and military facilities.

Technical assistance on all ADA and ABA standards, including further guidance on which standards to follow, is available from the Board through its toll-free line at (800) 872-2253 (v) or (800) 993-2822 (TTY), or by email at ta@access-board.gov.

U. S. Access Board Publishes New Guidelines



The U.S. Access Board has published new design guidelines that cover access for people with disabilities under the Americans with Disabilities Act (ADA).

These guidelines update access requirements for a wide range of facilities in the public and private sectors covered by the law. They also include updated guidelines for Federal facilities covered by the Architectural Barriers Act (ABA). Both the ADA guidelines and the ABA guidelines, which the Board updated jointly to make them consistent, address access in new construction and alterations and contain scoping provisions, which indicate what has to comply, and technical specifications, which spell out how compliance is to be achieved.

This new design document is the culmination of a comprehensive, decade-long review and update of the Board's ADA Accessibility Guidelines, which were first published in 1991. Revisions have been made so that the guidelines continue to meet the needs of people with disabilities and keep pace with technological innovations.

For example, new provisions for ATMs specify audible output so that people with vision impairment are provided equal access,

and reach ranges have been lowered to better serve people who use wheelchairs and persons of short stature. The guidelines also feature a new format and organization and have been extensively edited for greater clarity.

As part of this update, the Board has made its guidelines more consistent with model building codes, such as the International Building Code (IBC), and industry standards. It coordinated extensively with model code groups and standard-setting bodies throughout the process so that differences could be reconciled. As a result, a historic level of harmonization has been achieved which has brought about improvements to the guidelines as well as to counterpart provisions in the IBC and key industry standards, including those for accessible facilities issued through the American National Standard Institute (ANSI). The Board believes that this achievement will greatly facilitate compliance.

The Board's guidelines serve as the baseline for standards used to enforce the ADA and the ABA. These standards, which are maintained by other Federal agencies, such as the U.S. Department of Justice under the ADA, will be updated according to the new guidelines. It is these standards, not the Board's guidelines, which the public must follow.



CITIES OF SERVICE

MAYOR KARL DEAN HELPS LAUNCH CITIES OF SERVICE TO MOBILIZE MILLIONS OF AMERICANS NEW SERVICE ERA



Nashville Mayor Karl Dean, was joined by New York Mayor Michael R. Bloomberg as well as mayors from 15 cities across the country to launch *Cities of Service*, a bipartisan effort by a coalition of mayors representing more than 20 million Americans, who will work together to engage millions more volunteers in service.

The founding mayors met for a half-day summit at Gracie Mansion where they signed a Declaration of Service, a commitment to finding new ways to tap the

power of volunteers to address each city's most pressing challenges. The coalition will share strategies on how best to engage citizens at the local level, and it will provide a platform for the mayors to make their voices heard – and their priorities known – in Washington. The coalition will utilize lead support from the Rockefeller Foundation to provide technical assistance and other support to member mayors, including funding full-time Chief Service Officers in select cities to develop and implement comprehensive service programs.

As the capital city for the Volunteer State, my goal is for Nashville to be a leading city in this national service initiative. Nashville is known as Music City and one of the friendliest cities in America – we're a city with tremendous talent and good will. We need to put those attributes to work in our neighborhoods and our schools," said Mayor Dean.

The summit at Gracie Mansion occurred just five months after the passage of the bipartisan Edward M. Kennedy Serve America Act and the day before the anniversary of the attacks of September 11th, the newly designated National Day of Service and Remembrance. The 17 founding mayors were joined at the summit by Entertainment Industry Foundation President Lisa Paulsen, Rockefeller Foundation President Judith Rodin, film and television star and social media innovator Ashton Kutcher and leaders from service organizations.

The founding members of the *Cities of Service* coalition (in addition to Mayor Dean and mayor Bloomberg) are Atlanta, GA Mayor Shirley Franklin; Baltimore, MD Mayor Sheila Dixon; Chicago, IL Mayor Richard Daley; Dublin, OH Mayor Marilee Chinnici-Zuercher; Jacksonville, FL Mayor John Peyton; Los Angeles, CA Mayor Antonio Villaraigosa; Newark, NJ Mayor Cory Booker; Phoenix, AZ Mayor Phil Gordon; Pittsburgh, PA Mayor Luke Ravenstahl; Providence, RI Mayor David Cicilline; Sacramento, CA Mayor Kevin Johnson; Trenton, NJ Mayor Douglas Palmer; Vicksburg, MS Mayor Paul Winfield; Washington, DC Mayor Adrian Fenty; West Palm Beach, FL Mayor Lois Frankel and Mayor Bloomberg.

"The historic, bipartisan Edward M. Kennedy Serve America Act

promises 'a new era of service' in America – and America's mayors can help lead the way in making it a reality," said Mayor Bloomberg. "Cities around the country are facing enormous challenges, and mayors have an opportunity to make the most of our greatest asset: public-spirited citizens and organizations. This new coalition will encourage mayors to find new ways to tap the power of their citizens, help us identify and share the most effective approaches, and empower us to speak with one voice in Washington."

- ✦ Developing a comprehensive service plan and a coordinated strategy focused on matching volunteers and established community partners to the areas of greatest local need;
- ✦ Working with other mayors and elected officials to advance strategies and best practices that accelerate the service movement and produce measurable results;
- ✦ Encouraging other mayors to join this national effort to engage our citizens; and
- ✦ Ensuring that the voice of cities is heard in federal legislative, policy, and program discussions related to service, which will help the country achieve the ambitious goals of the Serve America Act.

Cities of Service reflects the mayors' belief that healthy, vibrant cities are those whose citizens volunteer their time and talent to keep communities strong and help neighbors in need. To support *Cities of Service*, the Rockefeller Foundation will provide generous lead support to The Fund for Cities of Service, which will support member mayors and their local efforts to increase service. Specifically, The Fund for Cities of Service will support the development of effective local service strategies, facilitate the dissemination of best practices between cities working to increase service, promote accountability within the service field, articulate policy proposals, and promote partnerships between city halls and local universities, which can bring resources, evaluation, and other expertise to bear in local communities. A key goal for The Fund for Cities of Service during the next six months will be to award grants to ten cities, on a competitive basis, to hire Chief Service Officers to lead local planning and implementation. New York City became the first city in the nation to appoint a Chief Service Officer this summer. Bloomberg Philanthropies is also supporting The Fund for Cities of Service.

President Judith Rodin. "As president of the University of Pennsylvania, I saw how a local institution's commitment to civic engagement can save a neighborhood. With the Rockefeller Foundation's support, *Cities of Service* will help local leaders across the country tap into similar engines of expertise, opportunity, and economic expansion."

Terry Cobb and Wade Hill welcome your feedback on our e-newsletter. Please send your comments to **Wade Hill**, at wade.hill@nashville.gov
Plans Examination Chief , 862-6520



PASS IT ON!
Pass the word about our newsletter! We would be honored if you would share our newsletter with your colleagues and co-workers. If anyone would like to sign up to receive it themselves, they just need to send us their email, and we will be happy to "Pass It On" to them.

13th Annual Metro Codes Golf Tournament

The 13th Annual Metro Codes Golf Tournament will be held Saturday, October 17, 2009 at the Ted Rhodes Golf Course in Nashville, Tennessee. All proceeds will be donated through the Metro Employees Consolidated Charities Campaign for the benefit of Easter Seals Summer Camp Program, Miriam's Promise and the Harris-Hillman School.

**SATURDAY
OCTOBER 17, 2009**

**TED RHODES GOLF COURSE
NASHVILLE
1901 ED TEMPLE BLVD.
NASHVILLE, TENNESSEE**



Play Day

Saturday October 17, 2009.....

7:30 a.m. Registration.....

8:00 a.m. Shotgun Start

Four-man Scramble—2 Flights.....

Teams selected by "Luck of the Draw"

Fees

\$60.00 entry fee includes green fees, cart, lunch and prizes!

Sponsorships

\$100 - Hole Sponsor

\$300 - Longest Drive Sponsor

\$300 - Closest to the Pin Sponsor

\$500 - Gold Sponsor

\$750 - Lunch Sponsor

\$1,000 - Beverage Cart Sponsor

\$1,000 - * Platinum Exclusive Hole Sponsor

*Includes 4 Golf Registrations

Sign up

Sponsorship Type: _____ Sponsor Amount: \$ _____

Name _____ Address _____

City _____ State _____ Zip _____ Telephone _____ Email _____

PLEASE LIST PLAYERS WITH EMAIL ADDRESS @ \$60.00 each:

Make Checks Payable to F.A.M.C, c/o Jim Winchester, Mid-South Electric,
863 Granada Avenue, Nashville, TN. 37206



JOIN US FOR THE DAY

Thermal Mass Materials

Selection of Materials Can Impact Energy Efficiency

Thermal mass materials have the ability to conduct and store energy, both heat and cold, and to release that energy back into the living space when it's needed.

Remember: heat always moves to colder surfaces.

In the solar home, the free solar energy first heats up the air. Since the mass floors and walls are cooler, the heat is absorbed and conducted into these materials. Later, when the sun has set and the room air temperature falls, it will reach a point where the mass materials are warmer than the room air temperature. Since heat seeks out cold, the stored energy will now return to the room. The more mass in the home, the more energy that can be stored.

The amount of south facing glass to be installed is related to the amount of thermal mass in the home, and the reverse is also true. In the sun tempered design, the home does not have the mass needed to absorb the amount of solar energy delivered when glass amounts exceed 7 percent. With slab construction, the mass is built in, but when carpeted, it can't work for you. When you tile your slab, you have added thermal mass and you can increase the amount of south glass accordingly.

The direct gain system is the easiest and most cost effective way to use solar energy. The structure itself is the solar system. The south windows are the collectors. The walls and floor are the storage. (mass). Orientate the structure and windows as close to true south as possible.

Here are some thermal mass facts:

- The ideal thickness for mass materials is four to five inches.
- Use mass materials in the construction, for floors and walls. (adobe, concrete, brick, rock)
- Water is the best mass, storing far more energy than other materials, BUT it's not structural.
- A masonry fireplace adds thermal mass but should be located on an interior wall.
- An interior mass wall performs better than an exterior wall.
- Insulate the exterior of your walls, keeping the masonry inside, protected from outside temperature extremes.
- Provide for night time insulation on large glass areas. (e.g., insulating curtains, moveable insulation, shutters.)
- Provide adequate overhangs on the south side to prevent direct gain during the cooling season.
- Use light colors on low mass construction. (ceilings, and partition walls)

$$Q = m_{th}c_{th} \Delta T$$

The equation relating heat energy to thermal mass

Registration Now Open for 2009 National Preservation Conference

The National Trust for Historic Preservation will hold its annual conference in Nashville, October 13-17. This year's theme is *Sustaining the Future in Harmony with our Pasts*.

To view the preliminary program, read blog entries from National Trust staff members, and register for the conference, please visit "Conference Central" on the National Trust website: [2009 National Preservation Conference](#).

The National Preservation Conference, the premier preservation conference for professionals, community leaders, and volunteers working to save America's historic places and to revitalize their communities.

With approximately 100 educational and field sessions, special lectures, and networking opportunities, it is an excellent source

for information, ideas, and inspiration about preservation in our nation.

The National Trust for Historic Preservation, sponsor of this conference, provides leadership, education, advocacy, and resources to save America's diverse historic places and revitalize our communities.



If you would like to submit an article for our Professional newsletter, please send articles and any artwork to billy.fields@nashville.gov.

**Department of
Codes & Building Safety**

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Mayor—Karl F. Dean

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For information regarding accessibility, please contact Manley Biggers at (615) 862-6521 or fax (615) 862-6499.

He can also be reached at:
manley.biggers@nashville.gov



**Save The Date—Codes Teeing It Up
For Charity On Oct. 17**

The 13th annual Metro Codes Charity Golf Tournament is set for Saturday morning, October 17th, at the Ted Rhodes Golf Course.

According to Terry Cobb, Director of Codes and Building Safety, the tournament format is a 4-man scramble (best ball), with foursomes established by “luck of the draw”.

All net proceeds will be donated through the Metro Employees Consolidated Charities Campaign (MECCC) to the Easter Seals Camps for Physically Challenged Youth, Miriam’s Promise and the Harris-Hillman School.

“Last year, with the help of more than 100 sponsors, the Metro Codes Department donated more than \$28,000 to local charities,” Cobb said. “We always have a great time.”

The individual entry fee is \$60 per player which includes greens fees, cart, lunch, beverages and door prizes. Sponsorship opportunities range from individual hole sponsors to a beverage cart sponsor or the Platinum Exclusive Hole Sponsorship.

This year, the tournament will benefit the Easter Seals Camp, Miriam’s Promise and Harris-Hillman School through the Metro Employees Consolidated Charities Campaign. For more information on how to enter a team or become a sponsor, contact Rick Shepherd at 351-9993 or Jim Winchester at 262-2999.



Ted Rhodes Golf Course

