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goals

December 2009 Update

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recommendations

Green Ribbon Committee 16 Goals & 71 Recommendations

December 2009 Update

2009 Highlights

Nashville and Mayor Dean Recognized for Green Building:

By sector, results of Nashville's community greenhouse gas inventory showed buildings, at 62%, to be the most significant source of Nashville greenhouse gas emissions. Progress in greening the building sector over the past year has been noteworthy. In fact, the American Institute of Architects recently issued a news release during a National League of Cities citing a 50-percent nationwide increase in green building programs since 2007 - and giving five examples of outstanding cities, one of them being Nashville.

The report stated that, "In the last few years the city has begun to assert itself as a green building leader in the southeast by passing a green building law, working jointly with the state on sustainability efforts, and helping to revitalize an aging neighborhood into a green community. The city's sustainability efforts provide a model of leadership for Tennessee and the wider southeast, and Mayor Dean is seeking to make Nashville the "greenest city" in the south." The report cites specific environmental achievements such as:

- The Mayor's Green Ribbon Committee and Executive Order on Environmental Sustainability.
- Council's passage of The Clean Water Infrastructure Program (CWIP) this year
- MarketStreet Enterprise's revitalization of the Gulch and achievement of LEED Silver for Neighborhood Development (ND) - only the 13th neighborhood in the world to have achieved LEED ND, joining prestigious projects such as the Beijing Olympic Village.
- Lipscomb and Vanderbilt University achievements stated as follows: "Nashville's universities have set the sustainability standard for educational institutions in the Southeast, pursuing large-scale green projects and teaching advanced sustainability practices."

The report, including the Nashville case study, can be viewed at:

www.aia.org/aiaucmp/groups/aia/documents/document/aiab081614.pdf.



Nashville Contender for World Cup: Nashville is being considered as one of possibly 27 other US cities bidding for the 2018 or 2022 World Cup. The World Cup of Soccer wants to partner with cities that have shown a commitment to the environment. The USA

Bid Committee was impressed with the progress Nashville has made toward environmental excellence and discussed opportunities for seizing the opportunity of the World Cup to springboard Nashville to be even greener. The Nashville Convention and Visitor's Bureau worked with The Cumberland River Compact to offset Nashville's presentation to the USA Bid Committee via the planting of large shade trees along the Richland Creek Greenway. Nashville expects to learn in late December or early January whether it makes the cut from the field of 27 cities still in the running.



Live on the Green: Eco-Friendly Concert Series: One example of incorporating green into our culture is LiveOnTheGreen. Lightning 100 and Team Green partnered with the city and multiple sponsors to hold a six week free weekly outdoor concert series Thursday evenings this past fall. This series demonstrated the ability of local promoters to develop and execute a traditional concert series while incorporating eco-sensitive elements and promoting environmental awareness. LiveOnTheGreen highlighted local artists as well as national acts with roots in Music City. Many efforts were made to reduce the carbon footprint of the entire event series and an environmental impact assessment of the concert series is being drafted and will be posted online for the public.

Go Green District 18 Launched: With the majority of Nashville's greenhouse gas emissions coming from residential, commercial and industrial buildings, inspiring our citizens to conserve energy is key to overall conservation. With that in mind, Mayor Dean joined District 18 Council person Kristine LaLonde, the Urban Land Institute, Nashville Electric Service, Village Real Estate in launching the energy conservation neighborhood initiative, Go Green District 18, with the goal to reduce energy consumption in District 18 by 5%. This initiative supports the Green Ribbon Committee goal of reducing energy use in Nashville 5% by 2012 and 20% by 2020 reduction of greenhouses goal of the Green Ribbon Committee.

Curbside Recycling Program Expanded: Nashville's progress to becoming the greenest city in the southeast must include an aggressive plan to reduce waste as recommended by the Green Ribbon with a goal of reducing waste in Davidson County by 35% by 2012 and 65% by 2020. Reducing waste, reusing what we can, and then recycling the rest, are important choices individuals and businesses can make to be a part of the solution. Recycling must be convenient with a robust network of recycling drop-off sites and neighborhood curbside recycling access. In a significant development to progress, Mayor Dean along with Council Members Jim Gotto, Parker Toler and Darren Jernigan recently announced the expansion of the subscription recycling



curbside service in the 37027 (Brentwood), 37013 (Antioch/Cane Ridge), 37076 (Hermitage) and 37138 (Old Hickory) zip codes of the General Service District.

Metro to Receive Stimulus Funding for Energy Efficiency: The American Recovery and Reinvestment Act funding from Department of Energy (Energy Efficiency Conservation Block Grant) will allow the Green Ribbon Committee's recommendation for greening city government buildings to become a near-term reality. A portion of the funds that will be appropriated for the Metropolitan Government through this grant will be used to retrofit public buildings for increased energy efficiency.

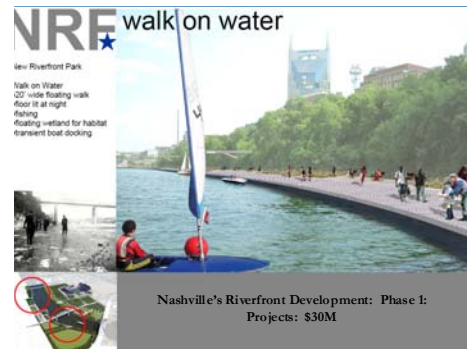
The Green Ribbon Committee's goal to provide every citizen with at least 2 modes of available and accessible transportation is a bold goal that will distinguish Nashville as a green city. A holistic solution for Nashville must involve multi-modal transit options which include increased access for walking and biking. Stimulus funds are also planned to be used toward The Music City Music bikeway project. The total Music City Bikeway project at its completion will consist of 27 miles (one way) of multi-modal transportation facilities.

Regional Transit: From bikeways and sidewalks and greenways, the Music City Star, Bus Rapid Transit and other pilot initiatives of MTA such as BusLink, to the regional work initiated this year, much has been accomplished toward expanding transportation options for the County. This year, the State Legislature passed enabling legislation to create dedicated funding for mass transit in the region. Currently, Mayor Dean along with regional leaders from all the surrounding counties are working together. Mayor Dean convened a Middle Tennessee Mayor's Caucus, made up of mayors from nearby cities and counties with Mayor Joann Graves from Gallatin as the chair. A complimentary entity has also been formed called the Transit Alliance that brings together individuals from the private sector to promote smart transportation planning. Residents and businesses want to maintain and enhance those qualities that make Nashville so livable: economic opportunity, quality growth, natural beauty and environmental quality, outdoor recreation and broad involvement in community life.

Nashville awarded Daniel Rose Fellowship for Public Leaders: Nashville has been awarded a grant from the Urban Land Institute (ULI) to participate in a new program called the Daniel Rose Fellowship for Public Leaders. Nashville is one of only four cities – along with Philadelphia, Minneapolis and Phoenix – selected to participate in the program's inaugural year. It's a year-long fellowship that brings the full national resources of ULI to bear on land-use issues. At the end of this year, after visits from experts and opportunities to send staff to other cities so Nashville will have a set of resources to help us encourage corridor and infill development, making Nashville more sustainable by using existing infrastructure, building density to support mass transit, and protecting

neighborhoods by encouraging new developments to go within our existing commercial corridors.

Cumberland River Revitalization: Taking back Nashville’s identity as a river city, Metro Council has approved \$30 million in riverfront redevelopment on both sides of the Cumberland River to revitalize and bring Nashvillians more in touch with the river and the environment. Phase 1 of the project includes a new Riverfront Park with wetlands and esplanade, an adventure park highlighting natural resources, a floating walk, kayak launching ramp and much more.



Green Streets: The ambitious Green Ribbon goal of removing all impaired streams in Davidson County from the EPA 303 (d) list by 2020 can be accomplished, in part, by expanded use of low impact development (LID) and Deaderick Street, diverting approximately 1.2 million gallons of stormwater per year showcases environmental excellence in street design and provides an example for future streets and development.

In October 2009, Mayor Dean and Metro Public Works along with hundreds of citizens, celebrated the first application of “green street” methods in Nashville on Deaderick Street which. Green Features include:



- 700% increase in pervious area
- Bioswales at sidewalk and street level to capture, filter and infiltrate rainwater.
- Porous concrete in sidewalk
- 102 shade trees (can reduce temperature of area by 35%) and 4,249 shrubs

- Irrigation utilizes low flow nozzles (33% less water) and drip system
- LED - Pedestrian streetlights, Pedestrian wayfinding kiosks, Traffic signals
- Solar Powered parking meters
- Recycling disposal units for on street recycling collection
- Sub-base of concrete walls made of recycled concrete
- High percent recycled content in light poles, tree grates, fence, trash/recycling containers, wayfinding kiosks
- Recycled coal fly ash within concrete
- Local steel fabricators used



Green Ribbon Committee Recommendations

The following pages contain highlights of progress toward reaching and implementing the goals and recommendations of the Green Ribbon Committee. While some recommendations may not contain an update at this time, all recommendations have been assigned to Metro Government Departments and are in various stages of progress and many have had initial discussions with various potential community partners. Further, departments are researching best methods and determining optimal strategy going forward.

REDUCE GREENHOUSE GASES

Goal 1. Reduce Metro Government's greenhouse gas emissions back to 2005 levels by 2012, reduce 20% further by 2020, and 80% by 2050.

- **1.01 (Midterm)** - Develop a multi-year Nashville-themed campaign about the correlation between behaviors and greenhouse gas emissions.
 - Winter 2010: American Recovery and Reinvestment Act stimulus funding from Department of Energy (Energy Efficiency Conservation Block Grant.). A portion of funds will be used to develop a green campaign.
- **1.02 (Midterm)** - Create a new Nashville carbon offset program to fund specified local green projects designed to "offset" greenhouse gas emissions and help the city in reaching its emission reduction goals.
 - Lead Metro Department: Metro Finance.
- **1.03 (Midterm)** - Require Metro agencies to incorporate climate protection criteria and actions into their planning activities, budgeting and performance measures.
 - Lead Metro Department: Metro Finance.

BUILD A CULTURE OF SUSTAINABILITY

Goal 2. Build a culture of sustainability.

- **2.01 (Quick Win)** - Expand current Green Team and identify an "Environmental Steward" or Green Team" for all Metro Departments to set and track environmental goals annually.
 - 2008: Metro Government's Internal Green Team was created to assist the Green Ribbon Committee in conducting research. This team included the 10 core Metro Government Departments with environmental responsibility: Codes and Building Safety, Farmers Market, General Services, Metropolitan

- Development and Housing Authority, Metro Transit Authority, Parks and Recreation, Planning Department, Public Health, Public Works, Water Services.
- 2009: Expanded Green Team to include Information Technology Systems, Human Resources, Metro Nashville Public Schools, Finance Department, Convention Center and Public Library. Continued meetings, working on setting goals and tracking progress. Additionally, Metro Government is using meetings to increase knowledge of green team by hearing from subject matter experts such as Bill Malcolm, Metro Fleet Manager, who presented on Metro's anti-idling policy, fuel conservation tips, green fleet strategy for Metro and more.
 - **2.02 (Quick Win)** - Require a "Green Education" component as a part of Metro's Human Resources training program, and encourage a similar program for teacher in-service.
 - Fall 2009: Metro staff reviewing intern-developed script for Human Resources to incorporation into New Hire Orientation.
 - **2.03 (Quick Win)** - Implement program at libraries to highlight environmental activities and books during a focused period of time (e.g. April as "Earth Month").
 - Lead Metro Department: Metro Library.
 - **2.04 (Quick Win)** - Create a Green Business Roundtable and a "Green Your Business" education program, working with the Chamber of commerce, with the goal of Nashville buildings and businesses becoming green and healthy.
 - December 2009: Initial discussion with Chamber to move forward.
 - **2.05 (Midterm)** - Establish a Metro Government agency for environmental and sustainability policy with authority, accountability and funding (a board, director and staff) to keep a permanent focus on environmental/green issues.
 - June 2008: Mayor Dean issued Executive Order 33 creating the Green Ribbon Committee and establishing an environmental sustainability manager within the Mayor's Office.
 - Winter 2010 - American Recovery and Reinvestment Act stimulus funding from Department of Energy (Energy Efficiency Conservation Block Grant.). A portion of funds will be utilized toward this recommendation - establishing a long term framework for environmental policy and action.

- **2.06 (Midterm)** - Develop a Green Jobs Training Program that would help Nashville’s workforce be prepared to meet the demands of a growing green economy.
 - July 2009: Metro Council adopted Resolution #RS2009-866 encouraging the creation of a Green Jobs Corps in Nashville and Davidson County.
 - September 2009: Metro Action Commission working with partners, including NCAC, applied for Department of Labor, Pathways out of Poverty grant to develop a green jobs training and placement program.
 - Fall 2009: The Nashville Area Chamber of Commerce has created a green jobs task force. This task force has been charged with the development and implementation of a strategic plan to attract green jobs to the Nashville region.

- **2.07 (Midterm)** - Adopt the Tennessee Pollution Prevention Partnership (TP3) program for Metropolitan Government’s operational facilities (e.g., utilities, Police and Fire stations, health care, Parks, and Public Works).
 - Lead Metro Department: General Services.

- **2.08 (Midterm)** - Establish a sustainability education program for builders, contractors and developers.
 - Lead Metro Department: Metro Planning Commission.

- **2.09 (Long Term)** - Establish a Center for Sustainability Education and Green Building Design as a public/private partnership that would showcase and provide education on green building practices.
 - Lead Metro Department: General Services.
 - As a first step, General Services develops plans to highlight green features of Fulton Campus creating educational showcase on green building. Fulton Campus Features:
 - Low Impact Development (LID) demonstration in parking lot.
 - Electric vehicle charging stations in parking garage.
 - 2 LEED buildings onsite once complete (Lindsey Hall and Howard School)



Goal 3. Establish a “green tourism” program with Nashville's citywide emphasis on being green recognized as part of the city’s popular image.

- **3.01 (Quick Win)** - Establish a “Green Speakers Bureau” beginning with a core group of environmental leaders.
 - October 2009: Established team of speakers on a variety of topics from energy conservation, waste reduction, water conservation, etc. Speakers can be requested for neighborhood/community, business or civic group meeting by emailing green@nashville.gov.
- **3.02 (Quick Win)** - Create a comprehensive website for promoting sustainability.
 - August 2009: Launched www.nashville.gov/green as the start of a comprehensive website. We will continue to make improvements to this website, and update information on the greening of Nashville including news, statistics, accomplishments, resources, and more.
- **3.03 (Midterm)** - Establish a wide-ranging awareness and education campaign.
 - Winter 2010: American Recovery and Reinvestment Act stimulus funding from Department of Energy (Energy Efficiency Conservation Block Grant.). A portion of these funds will be utilized for a green campaign/public education programs.

Goal 4. Embrace and celebrate good examples of sustainable living.

- **4.01 (Quick Win)** - Create a “Green Neighborhood Program” that would foster a positive, competitive spirit among neighborhoods across the city to be cleaner and greener.
 - June 2009: Conducted survey of attendees at Healthy and Sustainable Neighborhood Conference to gauge interest as first step.
- **4.02 (Quick Win)** - Provide a “Green Operations Support and Education” fact sheet to everyone applying for a business license.
 - December 2009: Fact sheet under development.



Goal 5. Support and encourage environmental education in our schools to instill upon our future generations a sense of love and responsibility for our natural resources.

- **5.01 (Midterm)** - Appoint a curriculum coordinator within Metro Nashville Public Schools (MNPS) for conservation and environmental education.
 - Lead Metro Department: Metro Nashville Public Schools.

- **5.02 (Midterm)** - Include all MNPS in the Tennessee Pollution Prevention Partnership Program.
 - Fall 2009: The Tennessee Pollution Prevention Partnership (TP3) is a program of the Tennessee Department of Environment and Conservation. The following public schools are currently members of TP3.
 - John Trotwood Moore Middle School
 - Martin Luther King Magnet School
 - Granbery Elementary School
 - Sylvan Park Elementary School
 - Robertson Academy Gifted and Talented Program
 - Eakin Elementary School
 - H. G. Hill Middle School
 - Lockeland Elementary School
 - Croft Middle School



Additionally 12 other schools have contacted TP3 to consider membership.

- **5.03 (Long Term)** - Provide an outdoor classroom area for every Metro public school.
 - Lead Metro Department: Metro Nashville Public Schools.

Goal 6. All Nashvillians should actively connect with and care for our natural resources.

- **6.01 (Quick Win)** - Implement a Mayor's "Green Note Leadership Award Program" for recognizing outstanding green leaders. Consider multiple award categories, such as churches, schools, neighborhoods and businesses.
 - December 2009: Discussions within Mayor's Office and Chamber have been initiated towards this recommendation.

CONSERVE ENERGY, REDUCE WASTE, AND GREEN OUR BUILDINGS

Goal 7. Reduce energy use by 5% by 2012 and 20% by 2020.

- 7.01 (Quick Win) - Implement a Mayor's Environmental Pledge Program that would allow citizens to commit to taking five steps toward creating a healthier, cleaner environment for everyone.
 - June 2009: Launched Mayor's Environmental Pledge in front of thousands of Nashvillians at the Nashville Sounds Go Green game.
 - So far, over 750 Nashvillians taking the pledge.
- 7.02 (Quick Win) - Implement program at NES to switch from petroleum oil to a soybean-based oil for transformers used city wide.
 - August 2009: Nashville Electric Service went "greener" with soybean oil as they switched from petroleum-based mineral oil to a renewable source - soybean oil - in all new distribution transformers
- 7.03 (Midterm) - Issue window stickers that provide free meter parking for clean technology vehicles.
 - Lead Metro Department: Public Works.
- 7.04 (Midterm) -Develop a Metro Government sustainability program that incorporates healthy and efficient building practices (beyond weather stripping) into affordable housing practices.
 - 2009: MDHA is systematically implementing energy-saving strategies enterprise-wide, with a particular emphasis on its high-rise properties for the elderly and disabled.
 - July 2009: MDHA recently installed a geothermal energy system at Parkway Terrace Apartments. This is the first geothermal installation in Tennessee public housing.
- 7.05 (Midterm) - Develop an Energy Use Reduction Policy for Metro Government to conserve energy and encourage businesses to do the same.
 - Fall 2009: New energy manager position recruitment in process.



- 7.06 (Midterm) - Develop a Metro Green Fleet program to expand the use of electric vehicles, hybrids and bio-diesel to help diversify energy supplies, decrease emissions and support regional economic activity.
 - FY10: As part of its 11 year plan to green the city's fleet. Metro Fleet Maintenance continues to systematically expand the number of alternative fuel vehicles purchasing hybrids, flex-fuel and fuel efficient light duty vehicles for FY10 new vehicle purchases. Currently Metro Fleet has 12 hybrids and 440 flex-fuel (gasoline/E-85) capable vehicles.
- 7.07 (Long Term) - Adopt an Advanced Metering Infrastructure (AMI) system for NES residential customers that would enable them to manage their energy consumption and conservation efforts.
 - Fall 2009: NES in discussions with TVA on implementation strategies.

Goal 8. Reduce waste in Davidson County by 35% by 2012 and by 65% by 2020.

- 8.01 (Quick Win) - Develop a plan to increase the number of recycling drop-off sites, especially in the General Services District.
 - Lead Metro Department: Public Works.
- 8.02 (Midterm) - Provide incentives for private waste haulers to offer recycling collection.
 - Fall 2009: Public Works is developing strategy which would provide incentives for haulers to offer recycling as part of their waste collection permit.
- 8.03 (Midterm) - Increase the number of downtown recycling containers for pedestrians.
 - Winter 2010: American Recovery and Reinvestment Act stimulus funding from Department of Energy (Energy Efficiency Conservation Block Grant.). A portion of funds will be used to expand the current pedestrian recycling on Church Street and Deaderick Street to Commerce, Broadway and around the Sommet Center.
- 8.04 (Midterm) - Develop and implement a city-wide program for recycling construction and demolition debris.
 - Lead Metro Department: Public Works.

- 8.05 (Midterm) - Implement a food waste composting program for large producers of food waste.
 - Lead Metro Department: Public Works.
- 8.06 (Midterm) - Require business and industry to divert fiber, e-waste, yard waste, wood (e.g., pallets) and metals from landfills.
 - Lead Metro Department: Public Works.
- 8.07 (Midterm) - Provide recycling at all multi-family dwellings in the Urban Services District.
 - Fall 2009: Metro Public Works is developing strategy which would require haulers to offer recycling as part of their waste collection permit.
- 8.08 (Midterm) - Ensure adequate and convenient recycling containers available at all Metro Government buildings, city-owned sites and city-sponsored functions.
 - Winter 2010: American Recovery and Reinvestment Act stimulus funding from Department of Energy (Energy Efficiency Conservation Block Grant.). A portion of funds will be used to purchase recycling containers for MNPS classrooms and Metro Government buildings.
- 8.09 (Long Term) - Implement a “Pay as You Throw” utility program for solid waste disposal in Davidson County.
 - Lead Metro Department: Public Works.

Goal 9. Reduce environmental impacts of buildings through green building practices.



- 9.01 (Quick Win) - Establish a “Green Building Challenge” to publicize Metro’s green building practices and encourage Nashville’s top 50 businesses to meet Energy Star by 2012 and LEED Existing Building (with a focus on water usage) by 2020.
- Lead Metro Department: General Services.

- 9.02 (Midterm) - Provide private-sector green building incentives, including expedited plans and reviews, high-density bonuses and fee rebates.
- November 2009: As an important step, proposed Metro Planning Downtown Code provides for incentives for LEED constructed buildings and other green features.

9.03 (Midterm) - Consolidate the operation and maintenance of most Metro Government buildings, and create a new Metro energy manager position and use Energy Service Company (ESCO) to reduce energy.

- Fall 2009: New energy manager position recruitment in process. General Services is reviewing best options for most efficient maintenance of Metro buildings.

9.04 (Midterm) - Develop and implement a “White Roof” campaign encouraging businesses to paint or replace existing or new roofs with highly reflective ones.

- July 2009: Green Building resources including link to EPA's white roof cost savings calculator placed on Metro Government's Development Services website (www.nashville.gov/ds). This website is a one stop shop for all developers and builders to assist with the application and permitting process.

9.05 (Midterm) - Complete a solar installation at a high-profile public building in Nashville.

- 2010 - Solar power plans being developed for several Metro buildings.

9.06 (Midterm) - Adopt the Environmentally Preferred Purchasing (EPP) program for Metro Government-wide consumables, durable goods, and equipment.

- November 2009: Finance Department has established a Green Procurement Task Force. The Task Force has been charged with developing a policy, identifying products and associated costs and methodology for use by departments.

9.07 (Midterm) - Retrofit 10 existing Metro Government buildings to attain LEED Existing Buildings (EB) Silver certification, or comparable third party verified system, and initiate a program for retrofitting 50%.

- 2009/10: Metro Buildings currently being retrofitted:
 - Howard School
 - Lindsey Hall
- Winter 2010: American Recovery and Reinvestment Act stimulus funding from Department of Energy (Energy Efficiency Conservation Block Grant.). A portion of funds will be used for energy retrofits on Metro Government community buildings.

9.08 (Midterm) - All new public or publicly-funded buildings and building renovations should be LEED Silver certified or comparable third party verified system.

- Metro Council passed Substitute Ordinance BL2007-1374.

9.09 (Midterm) - Encourage all new commercial and residential buildings to meet Energy Star by 2012 and LEED Silver certified or comparable third party verified system by 2020.

- o Fall 2009/Winter 2010: Metro Planning, in their proposed Downtown Code update, includes bonuses for LEED construction as an important step among other green features in the proposed code, toward encouraging more green building. Further, Mayor Dean, many Metro Council Members and other community leaders have been celebrating LEED and environmental achievements in the commercial and residential sector throughout the community such as J2K Builders, Caterpillar Financial, Schneider Electric and more.

EXPAND TRANSPORTATION OPTIONS

Goal 10. Provide every citizen with at least two modes of available and accessible transportation.

- 10.01 (Quick Win) - All Metro Government departments must consider state-of-the-art thinking and technologies in all mid-term and long-term planning.
 - o Lead Metro Department: Metro Planning Commission
- 10.02 (Quick Win) - Promote and expand existing programs by Metro Government, businesses and organizations to reduce commuter traffic, such as MTA's EasyRide, van pool and car pool programs, and park and ride locations.
 - o Lead Metro Department: Metro Transit Authority.
- 10.03 (Quick Win) - Choose a highly visible and tangible mobility initiative, and complete it in 2009.
 - o September 2009: MTA began Bus Rapid Transit (BRT) on the Gallatin corridor allowing riders more frequent buses and fewer stops.
 - o October 2009: MTA officially launched the "Google Transit Trip Planner" on their website in partnership with Google. Transit riders can enter their starting location, end location, time of day for their trip and select either departure time or arrival time to get directions.
 - o Spring 2010: MTA plans to begin downtown



circulator service.

- 10.04 (Quick Win) - Working with the regional Metropolitan Planning Organization (MPO), generate support for enabling legislation to establish dedicated funding authority for mass transit in the region.
 - May 2009: Tennessee State House and Senate unanimously approved request for enabling legislation to create dedicated source of funding for mass transit spring 2009.
- 10.05 (Midterm) -Implement mechanisms to apply the new dedicated funding authority in support of mass transit, in coordination with other MPO members in the region.
 - June 2009: Mayor Dean convened a regional meeting of Mayors in the Middle Tennessee area for the purpose of discussing issues of regional importance including transportation.
- 10.06 (Midterm) -Make mass transit and active transportation programs of MTA and other relevant Metro agencies and departments an integral part of the Metro planning and zoning process and formalize a process to coordinate and implement mass transit and active transportation projects.
 - Lead Metro Department: Metro Planning Commission.



- 10.07 (Midterm) -Allocate a percentage of all related departmental budgets to be set aside to fund alternative modes of transportation, raising the priority of sidewalks, bike routes and lanes, and greenways.
 - Lead Metro Department: Metro Finance.
- 10.08 (Midterm) -Provide downtown circulator service to transport employees, residents and visitors to retail, restaurants, entertainment venues, parking and places of business within the downtown area.
 - Spring 2010: MTA is researching service needs and routes. Downtown circulator service is scheduled to begin in spring.
- 10.09 (Midterm) -Establish affordable high-frequency and high-capacity reliable transportation options for every Davidson County citizen, employee or visitor.

- Lead Metro Department: Metro Planning Commission.
- 10.10 (Long Term) - Implement a plan to redirect pass-through traffic from the downtown corridor.
 - Lead Metro Department: Metro Planning Commission.
- 10.11 (Long Term) - Design, develop and implement regional mass transit system to serve major population corridors and activity centers.
 - Lead Metro Department: Metro Planning Commission.

PROTECT OUR NATURAL RESOURCES

Goal 11. Design and implement the most progressive open space plan in the Southeast.

- 11.01 (Midterm) - Hire a professional firm to develop an open space plan for Davidson County with an aggressive timeline for implementation.
 - October 2009: An Open Space Advisory Committee has been launched which will serve in an advisory/technical capacity to the Nashville and Davidson County Open Space Project. The Open Space plan is a public/private partnership between Metro Government and the Martin Foundation and Land Trust for Tennessee and will inventory critical natural and cultural resources as well as provide a long-term plan and implementation strategy for conservation and development of these resources.

Goal 12. Link land use planning with open space planning and transportation planning.

- 12.01 (Midterm) - Create a “Smart Growth Task Force” to develop a community sustainability plan that incorporates smart growth principles into Metro Government’s goals, policies, codes and ordinances.
 - Lead Metro Department: Metro Planning Commission.

Goal 13. Develop and maintain an urban forest program.

- 13.01 (Quick Win) - Develop a Memorandum of Understanding among Metro Government agencies delineating and allocating tree planting, care and maintenance by Metro Government.

- Summer 2009: Parks, Codes, Public Works and NES have formed group to discuss tree care, maintenance, and work to ensure greater coordination within the government.
- 13.02 (Midterm) - Fund and perform a tree canopy assessment.
 - August 2009: Public Works received grant from Tennessee Department of Forestry to conduct Downtown Tree Inventory and Tree Canopy Assessment.
 - Fall 2009: Downtown tree canopy assessment near completion.
- 13.03 (Midterm) - Develop and implement an Urban Forest Management Plan.
 - Lead Metro Department: Parks and Recreation. Parks, Codes and Metro Beautification are developing strategy for a robust and comprehensive Urban Forest Management Plan.



Goal 14. Develop a locally-based food system.

- 14.01 (Quick Win) - Engage government leaders and residents in the preservation and enhancement of urban and rural farming.
 - Lead Metro Department: Metro Public Health.



- 14.02 (Midterm) - Initiate a planned strategy for city-wide urban agriculture by providing funding for a full-time urban agricultural specialist with the responsibility of providing educational programming and resource information for community food gardens, Metro school gardens, and backyard and rooftop gardens.
 - Lead Metro Department: Parks and Recreation.
- 14.03 (Long Term) - Implement a Metro Government-led Farm to School program that incorporates locally-grown fresh produce into the MNPS lunch program with a Middle Tennessee foodshed asset map as an essential first step.
 - August 2009: Food Security Partners receives USDA grant to fund “Music City Farm Fresh” to:

- Develop strategies to improve access to fresh, healthy food for low-income residents in Middle Tennessee through farm-to-institution programs at schools, hospitals, prisons, and community centers;
 - Identify barriers to and opportunities increasing the economic self-sufficiency of Middle Tennessee's small to mid-size farmers by expanding cooperative marketing and distribution opportunities; and
 - Strengthen Middle Tennessee's rural and urban communities by creating new economic development opportunities that are socially, economically, and ecologically sustainable.
- May 2009: As part of the long term strategy, Metro Farmer's Market serves a critical role and continually works within the Community to improve accessibility and awareness of locally grown and healthy foods. The Market's Farm Sheds saw some changes and additions in 2009. The outdoor produce and plant market now feature designated areas for local farmers and artisan food producers.

Goal 15. Move 100% of Nashville's streams off the federal 303(d) list of impaired waters by 2020 with measurable progress by 2012.

- 15.01 (Quick Win) - Adopt full-cost pricing for drinking water.
 - March 2009: Council approved the Clean Water Infrastructure Program, ensuring Nashville has plenty of safe, clean drinking water now and in the future
- 15.02 (Quick Win) - Create a dedicated source of funding for stormwater control by implementing a stormwater user fee charged to residential and commercial properties in Metro Nashville and Davidson County.
 - March 2009: Council approved Clean Water Infrastructure Program which included stormwater fees for residential and non-residential customers.
- 15.03 (Midterm) - Rename Metro Water Services, the Department of Watershed Management.
 - Lead Metro Department: Metro Water Services.
- 15.04 (Midterm) - Increase the utilization of Low Impact Development (LID) techniques and encourage Better Site Design (BSD) on all new or significantly redeveloped sites in Nashville.
 - Fall 2009: Multiple Metro Government departments are taking steps toward a greener infrastructure for Nashville and Davidson County. Just a few examples are Metro Water Services designating an LID Coordinator, Metro

Planning Commission working through green features proposals for the new Downtown Code, MDHA's progress on the Riverfront Redevelopment project, and Public Works redeveloping Deaderick Street - Tennessee's first Green Street.

- 15.05 (Midterm) - Improve protection of the watersheds in Davidson County by honoring the natural flood plain and stream buffers, which will result in improved water quality, acceleration of Nashville's greenways system and myriad environmental benefits.
 - Lead Metro Department: Metro Water Services.

Goal 16. Meet and outperform the national standards for air quality.

- 16.01 (Long Term) - Meet the National Ambient Air Quality Standards (NAAQS) by 2015. By 2020, air quality improvements will lead to outperforming the NAAQS limits by 10%.
 - Lead Metro Department: Metro Public Health.

Metro Government and the community are working together on many fronts to build a culture of sustainability and recognize that educating future generations, inspiring our Community and Metro Government leading by example are foundational components of a greener Nashville.