



Environmental Stewardship

From A to Z



Going Green Initiatives



LEED aims to set standard for neighborhoods
 BIMBA is the first state to host the LEED certification for participating developers.

LEED aims to set standard for neighborhoods. BIMBA is the first state to host the LEED certification for participating developers.

While 2008 highlights several projects designed to meet the state's goal, the LEED certification program is set to be a major focus for the state's green building efforts. The program's goal is to set a standard for green buildings that will be recognized by the state's green building community. The program's goal is to set a standard for green buildings that will be recognized by the state's green building community.

ON THE HOME FRONT

County Leader of the Year Jim Rokakis fights to keep his community's neighborhoods alive p. 32



M Architecture Green Buildings

THE REAL GREEN ACRES

THE REAL GREEN ACRES

AMERICA'S CROWN COMMUNITIES
 Local projects energize four counties p. 36

READING DOLLAR SIGNS
 Leasing helps communities make ends meet p. 46

credit
 cash loan

TTC
 SPECIAL PUBLICATION OF THE TEXAS MUNICIPAL LEAGUE

Building New Sustainable Heights

FINANCING • SOFTWARE BUYER'S GUIDE

ROADS & BRIDGES
 AUGUST 2007

2007 LEAGUE 95TH ANNUAL CONFERENCE AND EXHIBITION
 007 • DALLAS CONVENTION CENTER • DALLAS, TEXAS

Pollution Free Electricity for a Healthy Lifestyle

Clean Electricity from Green Mountain Energy Company.

100% Renewable Energy Made from Wind & Water

Green Mountain Energy
 Sign Up Today!

100% Renewable Electricity

FUEL CHOKE
 COST TO BE A CONTRACTOR

How builders are dealing with rising diesel costs

101
 Years of Leadership



tracking the Green Line

PASS UP THE PUMP, RIDE DART
 NEW HOV LANES RAMPING UP
 COOL SUMMER HOTSPOTS

Global Warming: What You Can Do About It

Stormwater
 The Journal for Surface Water Quality Professionals

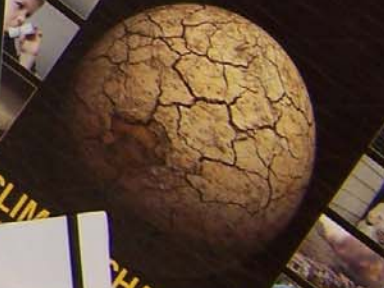
www.storm2go.com

M Architecture Green Buildings

245

West Nile Virus

Culex quinquefasciatus mosquito

Environmental Program Participation

- North Central Texas Council of Governments
- Clean Texas Program



Local, State and Federal Environmental Regulations

- Clean Water Act
- Clean Air Act
- State-adopted Energy Code, Water Quality and Environmental Protection Standards

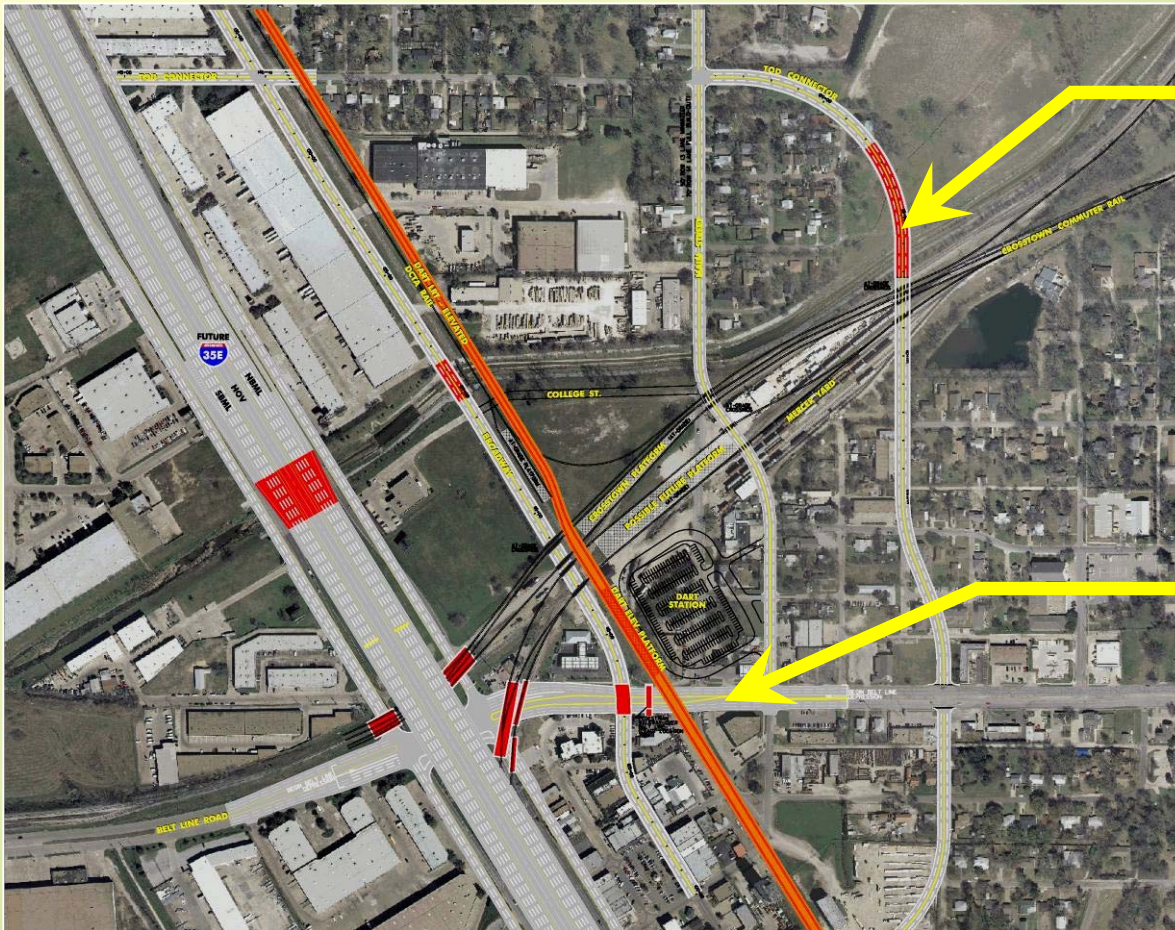


Air Pollution Prevention

- Utilize hybrid vehicles
- 45% of the fleet meets or exceeds Low Emission Vehicle standard.
- Purchase lighter, more efficient vehicles
- Use low-emission small equipment



Improving Air Quality



“TOD Connector”

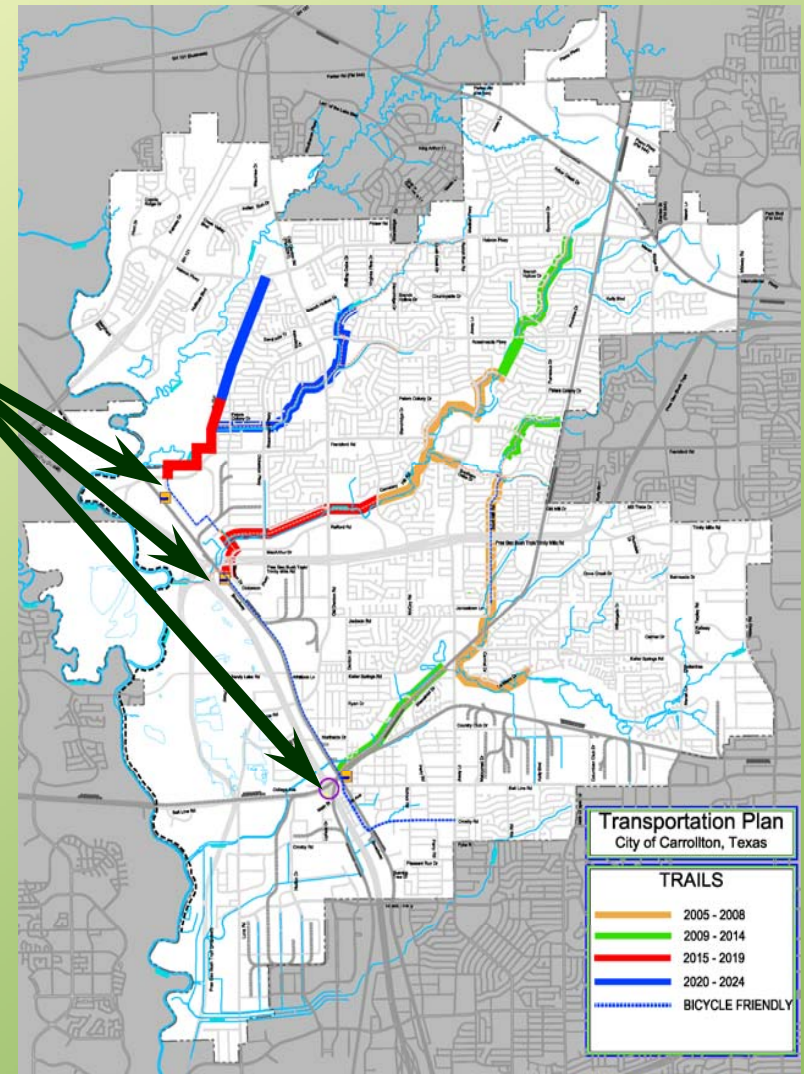
- Improves Mobility
- Fosters Development
- Enhance Access

Lowering Belt Line

- Eliminates 6 At-Grade Rail Crossings
- Improves Safety and Mobility

Providing Transportation Choices

Hike and Bike Trails will be an Integral Part of the City's Intermodal System Connecting Carrollton's 3 Light Rail Stations with the City and surrounding communities



Development/Smart Growth

- Development Density
- Tree Preservation ordinance
- Storm Water Pollution Control plan
- Trail system development
- Sidewalk replacement program



Applying Smart Growth

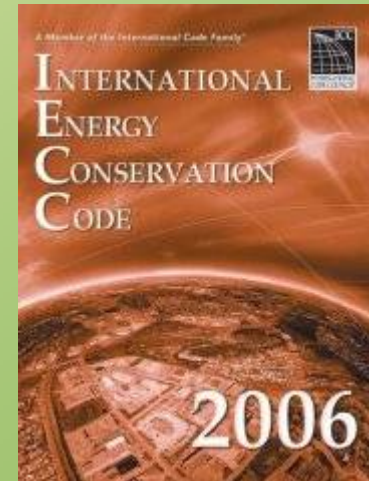
Transit-Oriented Development:

Carrollton's goal is to create a sustainable, vibrant, livable district where walking, biking, and transit are as valued as the automobile and which will shepherd new growth to make all of Carrollton a better place to live and work.



Energy Conservation Initiatives

- Retrofit street lights
- Adoption of the International Energy Conservation Code
- Capacitors to reduce electrical load on pump start-ups



Environmental Health - Food Safety



- Inspections of grease traps
- Enforcement of food establishments to prevent blockages of grease and oil

Environmental Management

- People Helping People Program
- Contract mowing and cleanup services
- Environmentally friendly products



Greenscape and Parks

- Medians sodded with buffalo grass
- Greenbelt areas evaluated for wildflower planting



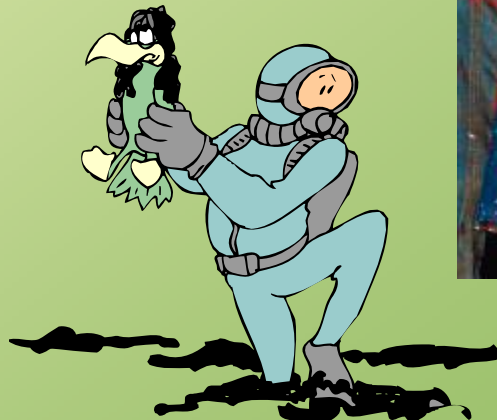
Green Buildings

- Save \$\$\$ in energy costs
- Reducing energy consumption
- Lower annual emissions of CO₂
- Save millions of gallons of water



Household Hazardous Waste Disposal

- Cooperative Household Hazardous Waste Collection Center
- HHW collection day for all residents
- Reduce pollutants released & at landfill



Pollution Control Programs

- Spill response, remediation and disposal
- Liquid Waste Haulers – permitting, inspection, monitoring
- Use non-VOC painting products



Public Education and Involvement

- Outreach to residents, students, visitors
- Texas Smartscape landscaping
- Water Conservation
- Initiatives made available through mailings and community events



Recycling

- Recycle concrete and asphalt spoils to reduce landfills
- Use of fiber-reinforced concrete to reduce steel usage and transportation costs
- Recycle office paper
- Enhanced curbside recycling



Storm Water Pollution Prevention

- Protect surface water quality
- New permit – application due February 2008
- Use inlet protection/silt screening fence



Storm Water Pollution Prevention

- Control construction and post-construction run-off during different phases of construction
- Establish pollution prevention practices in municipal operations
- Control illicit discharges
- Public Participation



Wastewater Collection

- Reduce potential overflows
- Protect system from structural impairments
- Industrial permitting, inspections & monitoring



Water Conservation

- Free irrigation inspections to higher water consumption residents
- Free Rain & Freeze Sensor Program
- Tiered water rate structure
- US EPA Water Sense Program Partner



Ozone Awareness

- Regional ozone day plan

OZONE ALERT
REDUCE
VEHICLE USE



Transportation Initiatives

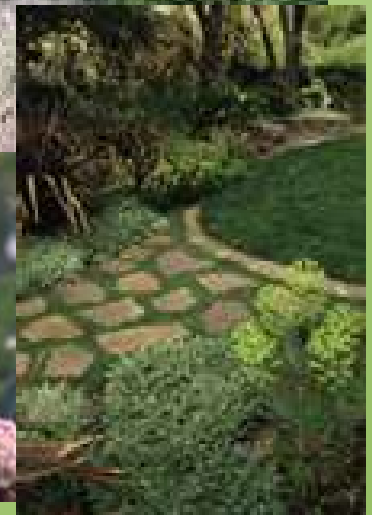
- Traffic signal interconnect system for better traffic management and reduced idling
- Stagger work schedules to reduce peak travel demand
- DART participation – incorporating mass transit system





Xeriscaping

- Smartscape program
- Reduces chemical use
- Conserves water



Zoning

- Promote the health, safety, morals, and general welfare of the city
- Reduce traffic congestion
- Secure safety from fire, panic and other dangers
- Provide for adequate light, air, and open space





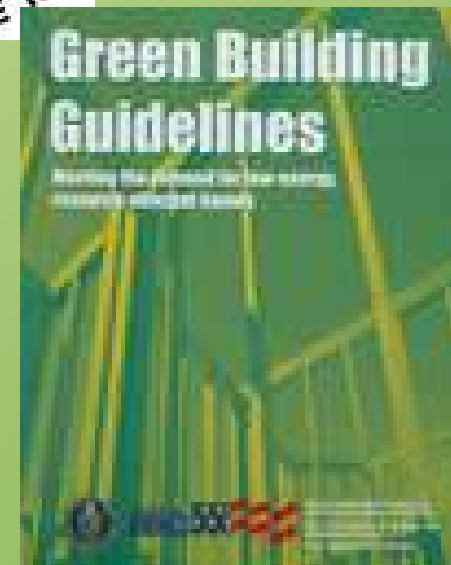
Future Initiatives

Environmental Management Systems

- Regional Partnerships
- Continuous planning/improvement of processes and practices
- Reducing our environmental footprint
- Increasing our operational efficiency
- Creating standards for environmental sustainability

Future Initiatives

- Create standards for a sustainable community
 - “In it for the long haul”
 - Approval process
 - Remediation
 - Infrastructure
 - Sustainable design and development



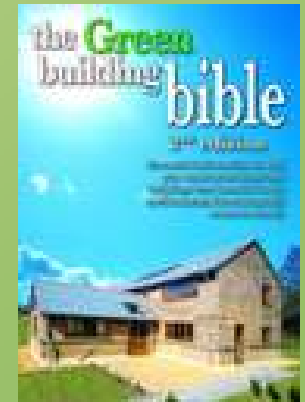
Future Initiatives

- Celebrate sustainable success
 - Identify energy reductions
 - Recognize green building construction
 - Approve “Green” practices
 - Seek training and education
- Recognize “green construction”
(Design construction and planning)
 - Allow for environmentally friendly building materials
 - Allow for special exceptions for “green construction methodology”
 - Provide for alternate development standards



Future Initiatives

- Accommodate redevelopment strategies
 - Consider incentives
 - Alternate materials and methods of construction
 - Create a “green” guide
- Integrating green building into the regulatory process
 - Provide training for “green” building specialist
 - Recognize ‘*shades of green*’ building standards for city facilities
 - Sustainable building program





Questions?