

The Greenest Urban County in America



RESIDENTIAL SANITATION PILOT RECYCLING CHANGES & THE CLEAN COMMUNITIES INITIATIVE

Presented by Lee May
Interim Chief Executive Officer



DeKalb County Sanitation Department

DeKalb Sanitation Mission

“The Sanitation Division strives to facilitate cost effective, timely and sustainable solid waste collection and disposal services; aiming to ensure an aesthetically pleasing community for the residents and commercial entities to work, live or play.”



Sanitation Division Services

Current Weekly Residential Service

- 2 Household Garbage Collections
- 1 Subscription Single Stream Recycling
- 1 Yard Trimmings Recycling



Sanitation Division Services

Other Services

- Appliances, Furniture & Bulky Household Items Collection
- Special Collections – Tires, C&D Material, Unprepared Yard Debris (prepaid special collection fee)
- Commercial Services – Compactor, Open Top, Front Loader
- Free Compost – Hand Loading (4 locations)
- Keep DeKalb Beautiful
 - Mowing & Herbicide
 - Litter Abatement
 - Recycling Services
 - Electronics Collection
 - Education
 - Gateway Beautification



Total Monthly Cost Per Household: \$22 since January 1, 2006



DeKalb Sanitation Milestones

- 1937 – 2X Week Collection
- 1991 – Yard Trimming for Recycling
- 2001 – Commercial Recycling w/ Residential Drop-off
- 2005 - Residential Single Stream Recycling - Curb



Today

- Serves 160,000 Homes in Unincorporated DeKalb, Brookhaven, Dunwoody & Lithonia
- > 51,500 or (32%) Households in Recycle Program
Average 25,000 tons annually



Sanitation Pilot

Purpose

- Determine New Structure of Collections based on Customer Needs & Efficiencies
- Begin Transition to Single Day Collection (Monday -Thursday - 4 Day Work Week)
- Successful Transition to 65 Gallon Roll Carts



Safety of Sanitation Employees

- Loss Time from Employees being Injured :
 - 2010 – 2012 58,947 hours

Cost Related from Employees being Injured :
2010 – 2012 \$ 1,269,980

Types of Injuries :

Back 50%	Eye 15%	Ankle 15%
Arm 10%	Cuts 5%	Other 5%



Sanitation Pilot

Highlights

- 3 Month Study
- 28,000 Single Family Residential Households
- Everything Collected on Same Day
 - On Current Recycling Day
 - Trimmings, Recycling & Garbage
- Pilot Households Receive 65 Gallon Carts for Garbage (Green)
- 8 Pilot Areas Covering
 - Portions of all Commissioner Districts
 - Portions of Brookhaven, Dunwoody & Lithonia

Public Outreach

- Neighborhood Association / Community Meetings
- Pilot Homes Provided with Mailer, Brochure and Timeline
- Monthly Surveys
- Hotline Number for Questions & Service Issues
- Website for More Info & to Provide Feedback



Sanitation Pilot

Equipment

- Sanitation will use a variety of Vehicle Types
 - Traditional Rear Loaders - 3 Man Crews
 - Low Entry Side Loaders – 2 Man Crews
 - Fully Automated – 1 Man Crew



Rear Loader with Tipper



Low Entry Side Loader



Fully Automated



Pilot Analysis: How to Proceed

Two Tier Approach to Decide Next Steps

Feedback from our Customers:

- Monthly Questionnaires
- Website
- Hotline Inquiries
- Interviews

Independent Review

- Analyze Cost for each vehicle type in pilot
 - Data Collected from Pilot
 - Industry Standards
- Review of Customer Data



Potential Savings Going 1 x Week

• Reduction in Fleet Services	\$ 2,250,000
• Surplus Truck Sales (40)	\$ 1,600,000
• Return Replacement Vehicle Fund	\$ 1,000,000
• Workforce Savings (60)	\$ 1,400,000
• Workforce Reallocation (60)	<u>\$ 0</u>
• Total Estimate Annually	\$ 6,250,000



Recycling Changes: Roll Carts

- 51,500 Residential Recycling Subscribers

Current Method: Single stream hand pickup of 18-gallon blue bins and 45-gallon blue bags

New Method: 65-gallon roll carts (Blue)

- Phased in by customers
- \$ 30 credit to turn in old bins and bags
- Old bins and bags will be repurposed for schools/office recycling and litter collection



Clean Communities Initiative

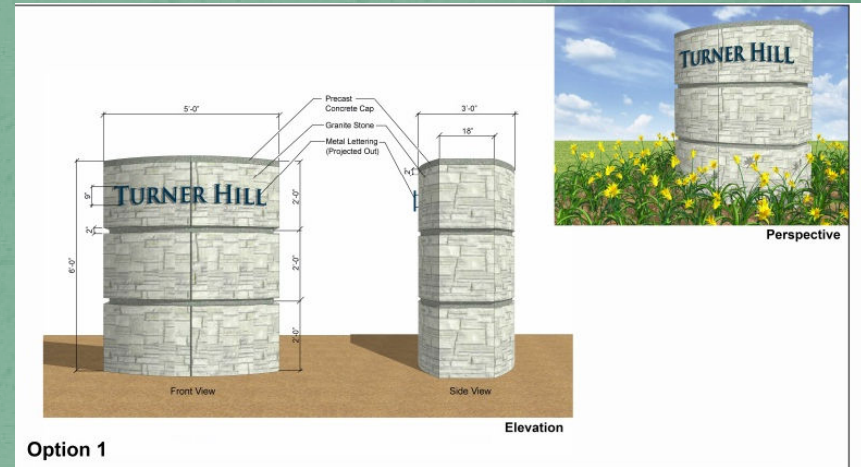
2013 – Reemphasis on Beautification

- Gateway Beautification
@ Interchanges
- Right of Way Maintenance & Frequency
on 6 State Routes
- Improved County Road Mowing &
Maintenance
 - Increased Frequency
 - Contracted Street Sweeping Services
 - Increased Curb Bumping (removal of debris on curbs)
 - Increased Litter Patrols
- KDB Local Ambassador Grants (\$33,000 each for cities and BOE)
- Neighborhood Beautification Grants (3 Grants - \$ 1,000 each)



Gateway Beautification Program

- Create Sense of Place/Gateways
 - Highlight Communities/Cities
 - Improve Visibility and Conditions of Commercial Districts
- Approach
 - Develop Unique Themes
 - Contextual Signage
 - Assume Maintenance
 - Increase Maintenance Frequency
 - Plantings: Flowers and Shrubs
 - Maintained through Public Private Partnerships

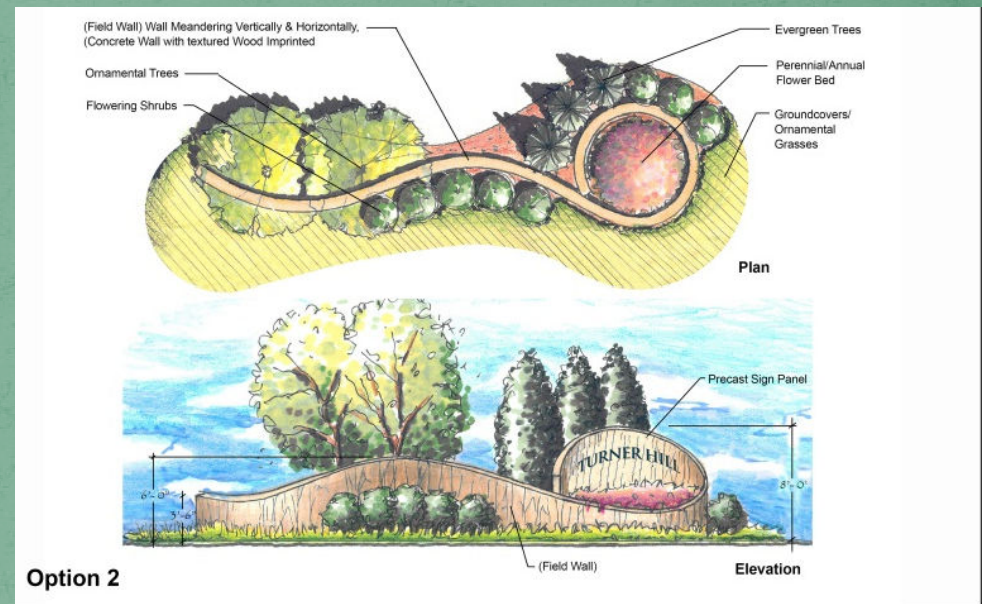


Rendering



Gateway Beautification Program

- Interchanges
 - LaVista/I-285
 - Mtn. Industrial/Hwy 78
 - Candler/I-20
 - Turner Hill/I-20
 - Bouldercrest/I-285
 - Memorial/I-285
 - North Druid Hills/I-85

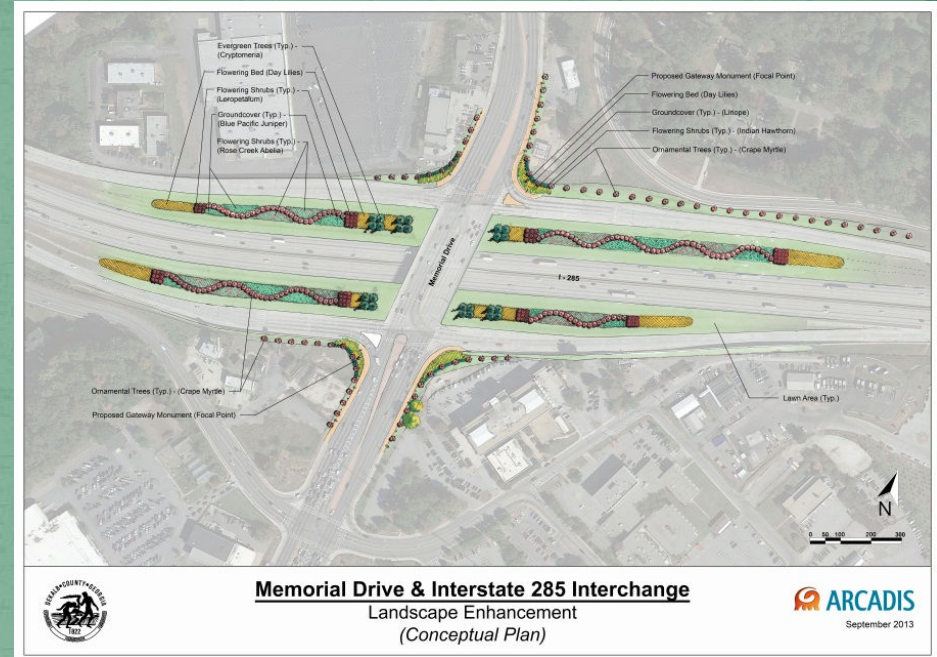
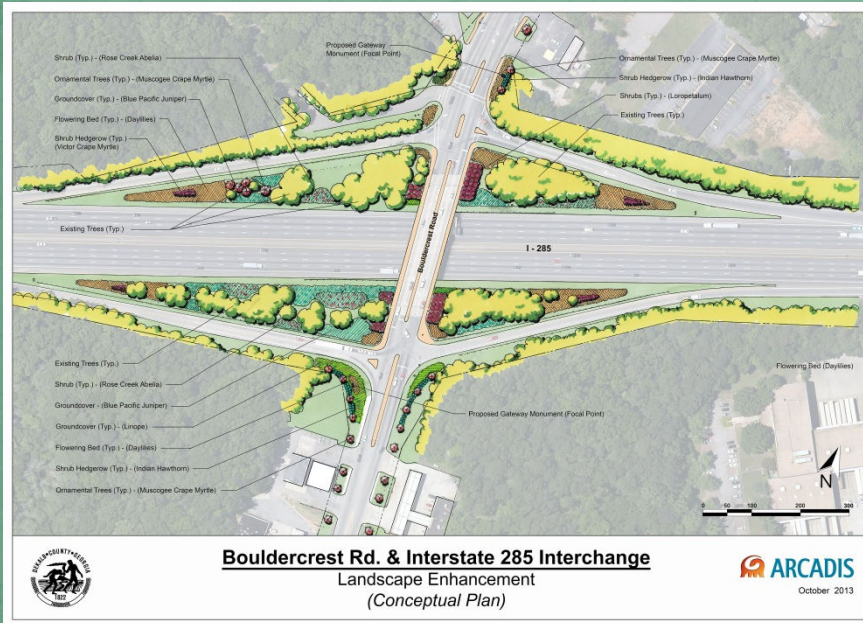


Rendering



Gateway Beautification Program

- Implementation Plan
- 7 Interchanges Completed by Spring 2014
- ITB Advertised and Closed



Questions?



Lavista Road & Interstate 285 Interchange
Landscape Enhancement
(Conceptual Plan)

ARCADIS
September 2013



N. Druid Hills Rd. & Interstate 85 Interchange
Landscape Enhancement
(Conceptual Plan)

ARCADIS
October 2013



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18



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City of Dunwoody

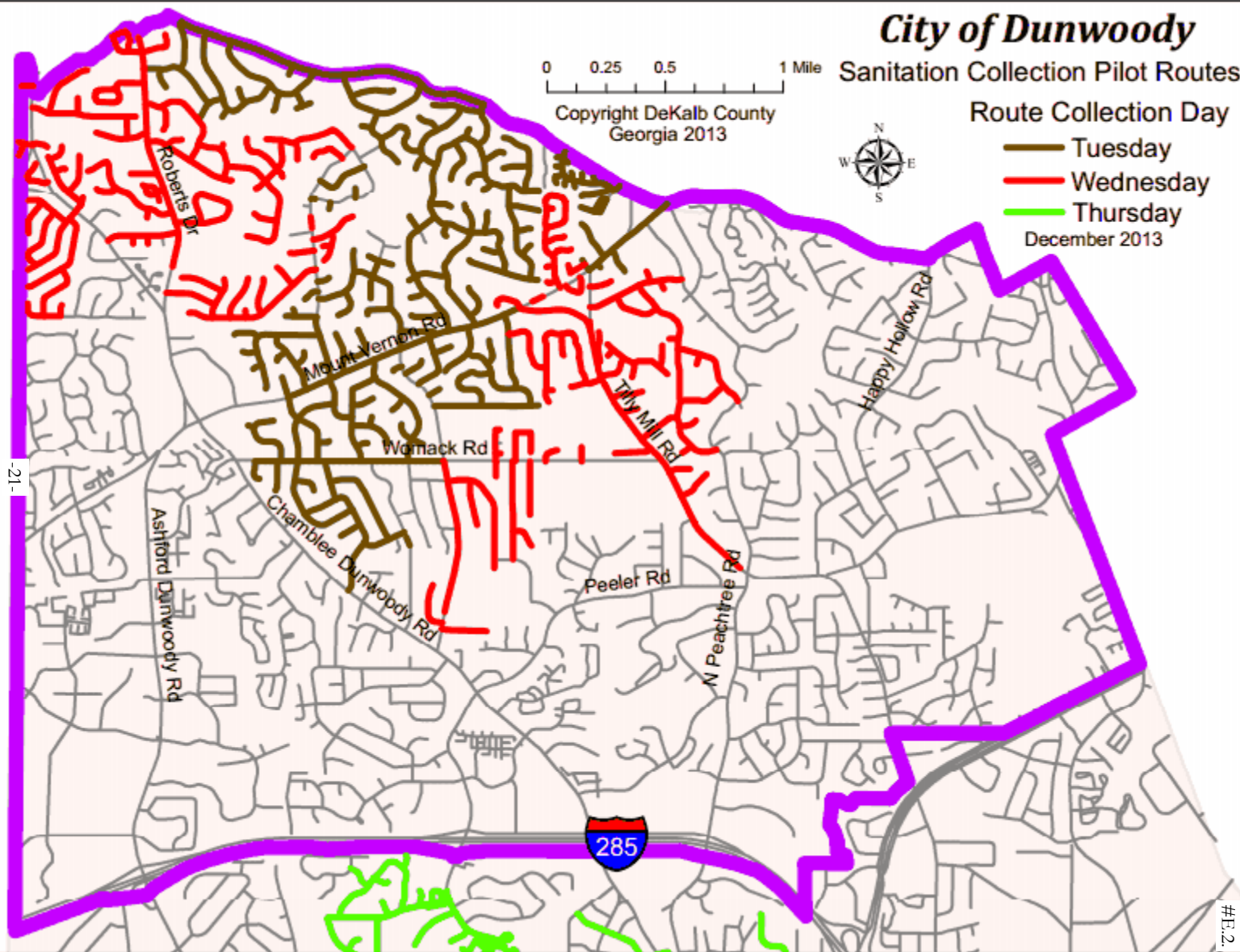
Sanitation Collection Pilot Routes

Route Collection Day

- Tuesday
 - Wednesday
 - Thursday
- December 2013


0 0.25 0.5 1 Mile

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More information on DeKalb's website:

<http://www.co.dekalb.ga.us/sanitationpilot/index.html>


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Sanitation Collection Pilot Program

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[Frequently Asked Questions](#)
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The Future of Garbage Collection in DeKalb County

Dr. Martin Luther King Jr., on the night before his assassination, met with sanitation workers in Memphis with the goal of improving working conditions. It is in this spirit that we launch DeKalb Sanitation's Pilot program. The official kickoff will be held near January 20th, Martin Luther King Day. This day will represent the beginning of public meetings intended to introduce changes to the public in advance of the changes to the collection process.

This is a 3-month pilot that will impact 28,000 single family residential households. The Pilot is intended to improve efficiencies while maintaining a high level of customer satisfaction. These changes are being tested with the goals of making our service:

1. "Easier" for residents;
2. "Better" for employees;
3. "Cleaner" for the community;
4. "Greener" for the environment; and
5. "Safer" for all.

The Pilot will assess mechanical collection of household garbage using semi-automated and automated equipment. In addition, garbage will be collected on the same collection day as single stream recycling and yard trimmings. Household garbage will be collected utilizing 65-gallon roll carts while recycling and yard trimmings will be collected using the same methods we utilize today.

Households in the pilot were preselected to represent DeKalb Sanitation customers from throughout the county. Specifically, pilot participants include customers from portions of Brookhaven, Chamblee, Dunwoody and Lithonia and portions of Unincorporated DeKalb. Households selected for the Pilot will receive specific information on Sanitation Pilot Public Meetings, delivery of 65-gallon carts and the official start date of curbside garbage collection using roll carts via mail and door hangers.

Throughout the process, households in the pilot will be contacted to provide information on the effectiveness of the changes by a third party vendor. These include monthly surveys, interviews and other means to provide feedback. This information will be used to tweak the process during the pilot and to determine how service will be provided to residential customers in the future.

Please feel free to share your interests or concerns with us at sanitationpilot@dekalbcountyga.gov. Or, you may call and leave a message on the Sanitation Pilot Hotline at (404) 294-2980.

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