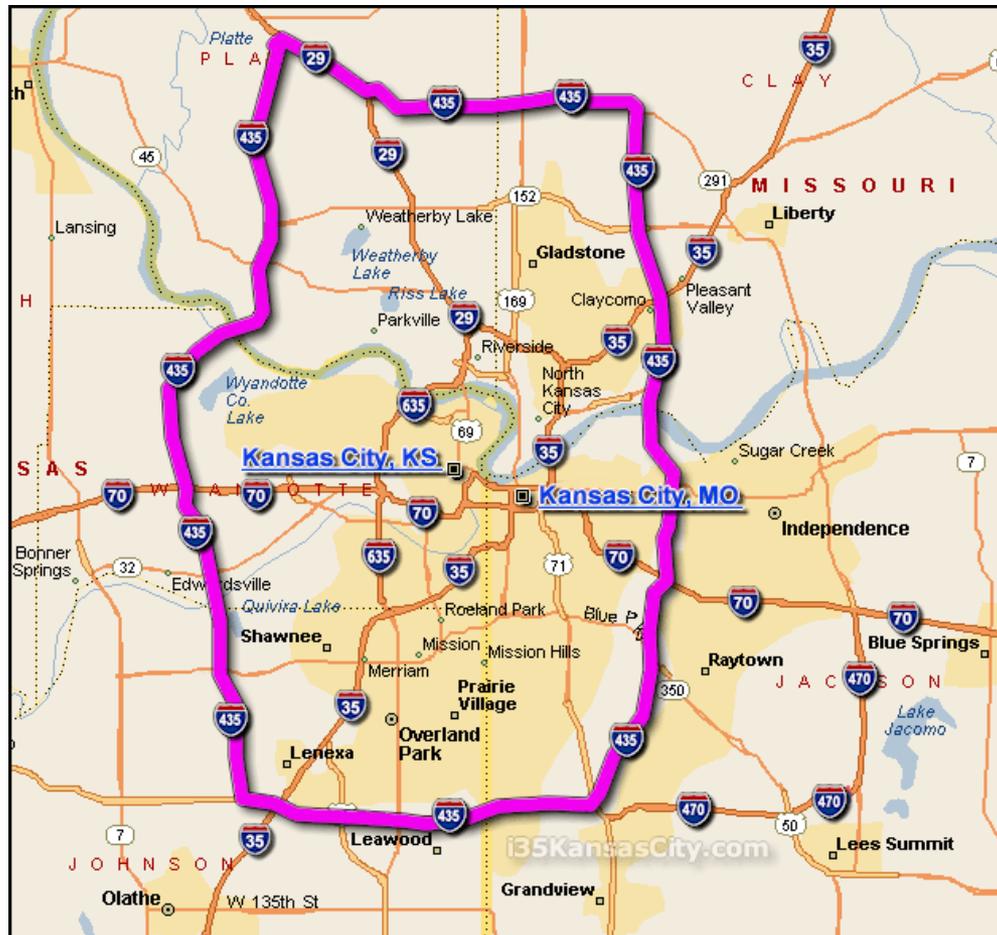


# Community Consultation For Sustainability Planning : Lenexa, KS

Mike Beezhold, Senior Planner  
CDM Smith



# Lenexa, Kansas



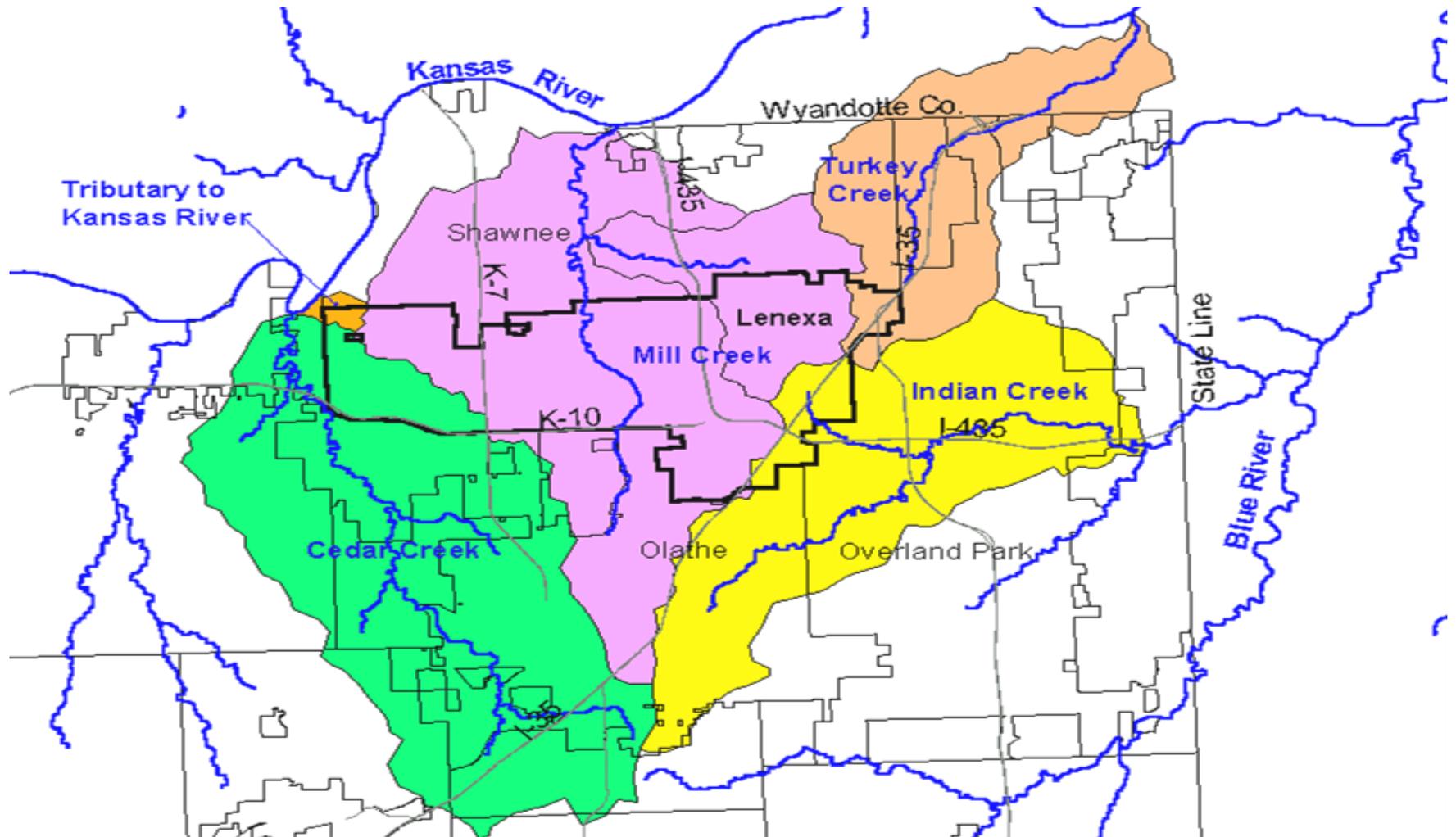
# Lenexa, Kansas

- **Kansas City Metro – home to nearly 2 million**
- **City incorporated 1907**
- **Population nearly 50,000**
- **34 square miles. 1/3 built out in 2000**



Octave Chanute

# Lenexa, Kansas: Major Watersheds



# Community Vision

**Community Spirit**

**Commercial Development**

**Residential Development**

**Economic Development**

**Transportation &  
Infrastructure**

**Education**



# Vision - Economic: Environmental Balance

## Goal

*"Maintain a balance between Lenexa's natural and manmade environments, preserving key natural features while promoting quality growth and development."*



# Vision - Economic: Environmental Balance

## Strategies

*"In all areas of development, maintain ample public open spaces."*

*"Utilize and preserve the natural vegetation and lay of the land by attracting environmentally friendly businesses."*

*"Building codes should reflect a balance between the needs of the environment and business."*



# Vision - Residential Common Open Space

## Goal

*“Provide for the incorporation of open space within Lenexa’s residential developments that preserves and enhances the natural beauty of the environment.”*



# Vision - Residential Common Open Space

## Strategies

*“Adopt a philosophy of land conservation as the central organizing principle around which house lots and streets are designed, and in which a sense of “nature” is maintained.”*

*Establish greenway & streamway corridors*

*Apply conservation subdivision process and principles*

*Incorporate a combination of clustered homes on smaller lots*

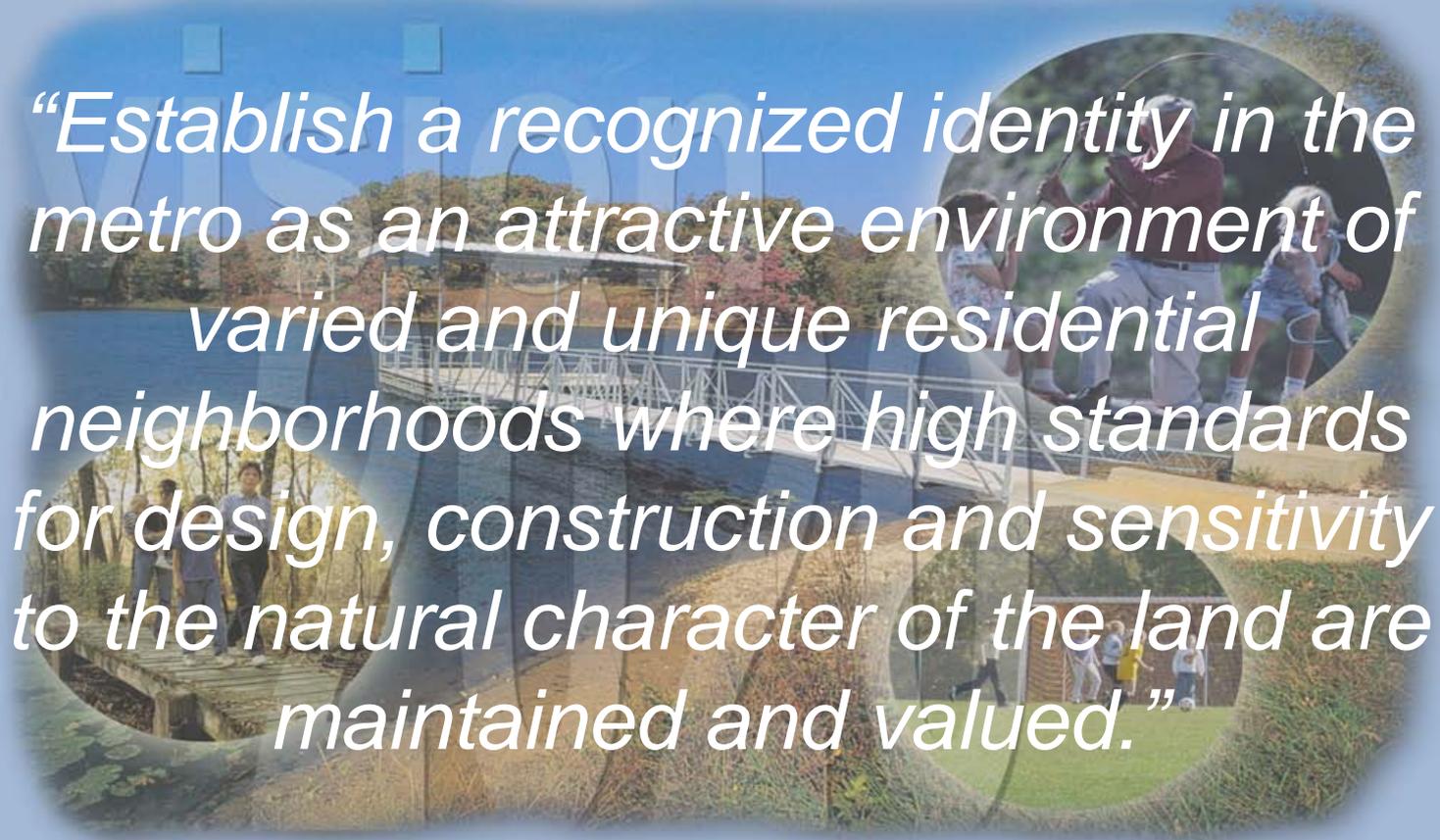
*Provide Educational Programs for Citizens on the benefits*



# Vision – Residential Design and Construction

## Goal

*“Establish a recognized identity in the metro as an attractive environment of varied and unique residential neighborhoods where high standards for design, construction and sensitivity to the natural character of the land are maintained and valued.”*

The background of the slide features a collage of four circular images. The top-left circle shows a white boat on a calm lake with a forested shoreline. The top-right circle depicts a family playing golf on a green. The bottom-left circle shows three people walking on a wooden boardwalk or bridge over water. The bottom-right circle shows a soccer game in progress on a grassy field.

# Vision - Residential Design and Construction

## Strategies

*Provide incentives to creative, flexible developers who follow conservation subdivision principles*

*Avoid repetitious patterns of "cookie cutter" design*

*Require environmentally sensitive site and structure construction methods*

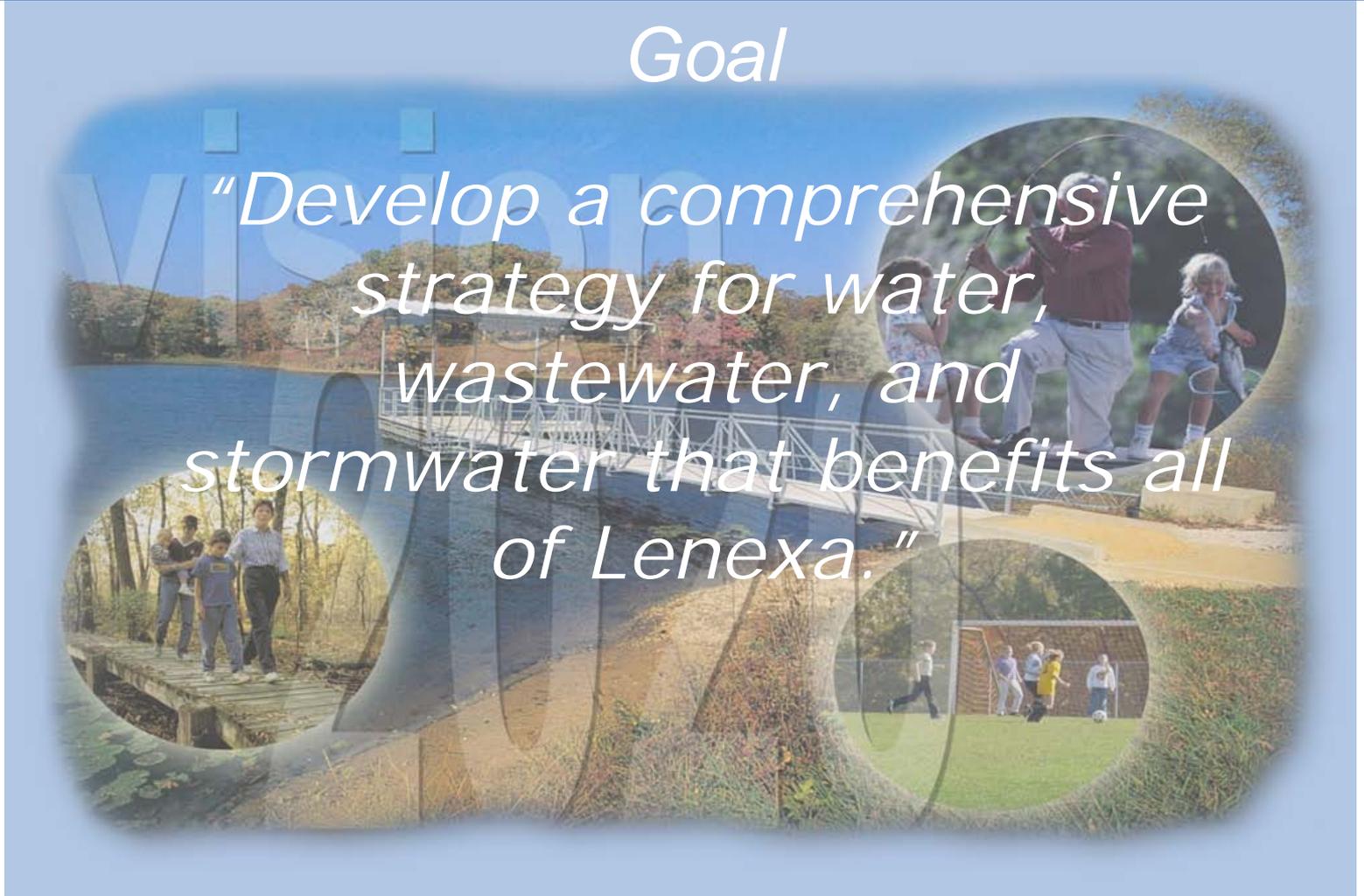
*Find developers willing to champion*



# Vision -Transportation & Infrastructure Water

## Goal

*“Develop a comprehensive strategy for water, wastewater, and stormwater that benefits all of Lenexa.”*



# Vision -Transportation & Infrastructure Water

## *Strategies*

*Investigate regional retention facilities for stormwater management.*

*Design a comprehensive maintenance program and provide funding*

*Consider establishing a utility for stormwater in Lenexa*



# Vision – Education and Learning

## Goal

*Expand and encourage learning opportunities for citizens of all ages.*

*...focus on the following:  
culture, environment,  
technology, wellness,  
civics, history, and service*



# Vision – Citizen Survey

“Consider surveying our residents to evaluate their willingness to fund added protective services.”

- 15% had stormwater problems (*most reported were not structural flooding issues*)
- Nearly 80% believe water quality and open space are extremely important and are willing to pay for it

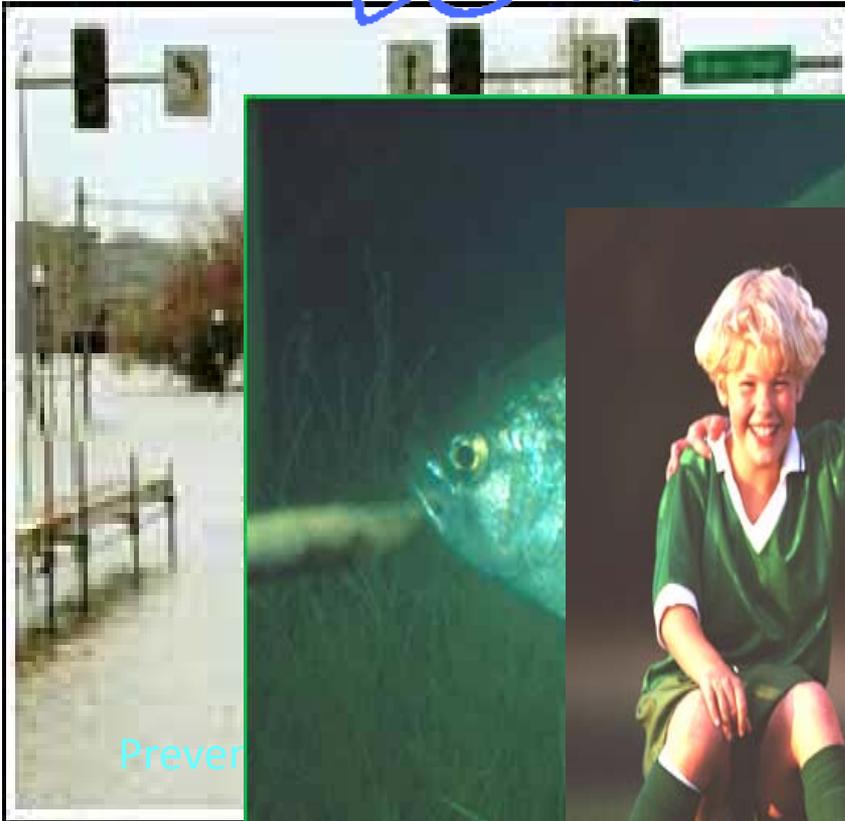


# rain to recreation

## **Program Drivers**

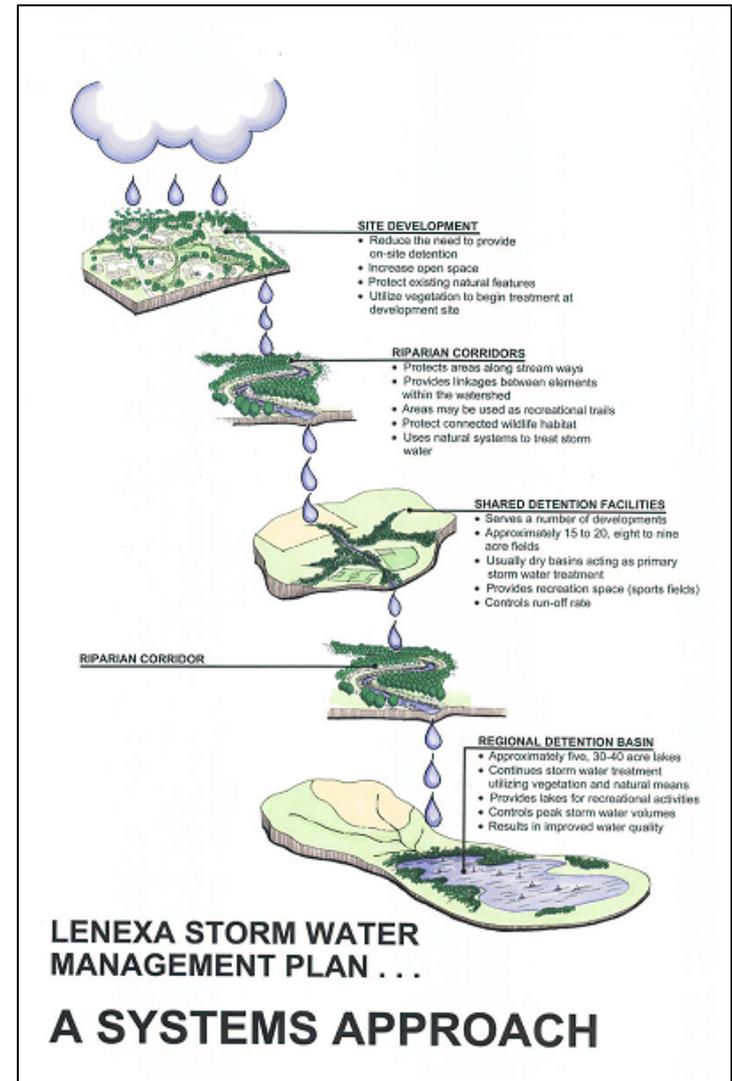
- **Vision 2020 (adopted 1998)**
- **US EPA NPDES Phase II (anticipated 2003)**
- **Flooding in Metro & Lenexa (1998)**

# rain to recreation



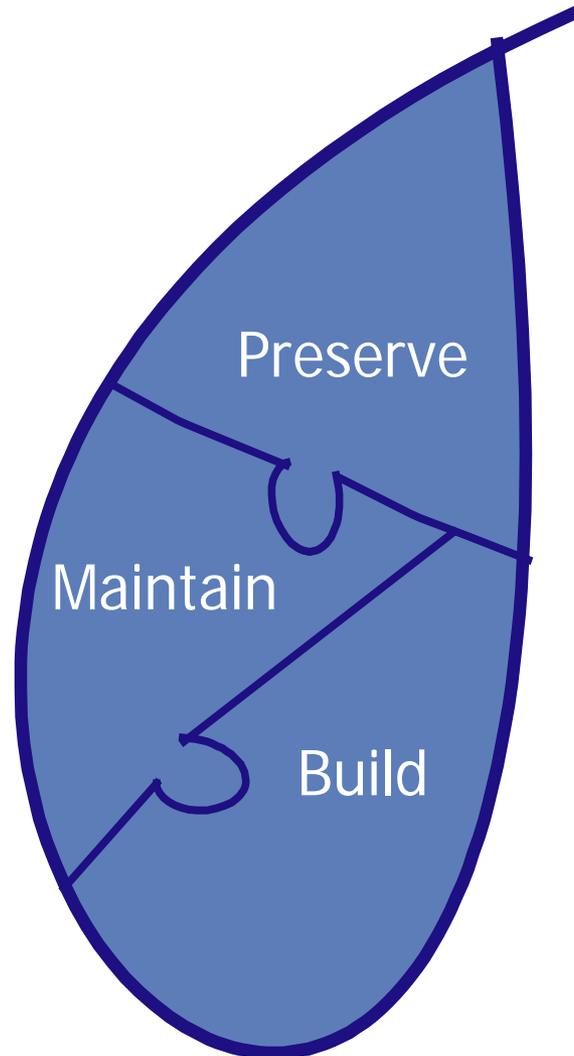
# The Approach

- Evaluated cost of several alternatives over 15-year period
- New watershed “systems” approach is approximately 25% less expensive than conventional approach
- Economies of scale with regional detention
- Reduced private and public infrastructure
- “Proactive” is less expensive than “reactive”



# Program Puzzle

**Maintain our  
existing  
systems**



Preserve our  
Natural Systems

Build regional  
facilities

# WaterFest



# WaterFest



## *IQ Report*

Volume 39/Number 1 2007

**Practical Promotion: How to Make Your  
Community a Winner with Citizens**

# Sustainable Funding

## **2005 Annual Summary by Source**

Service Charges (Utility Fees)	\$1,970,000
Capital Charge	\$ 450,000
Sales Tax – Local 1/8 <sup>th</sup> Cent *	\$1,000,000
General Fund (property tax)	\$ 700,000
Grants (Fed., St., Co.,)	\$ 300,000
Erosion Sediment Control Fee	<u>\$ 115,000</u>
<b>TOTAL Revenues</b>	<b>\$4,535,000</b>

\* Approved by 78% margin in 1999 (2000-2005) and by the same margin in 2004 (2005-2010). Sunset in 2010.

# Sustainable Funding

## Fast Facts



### ❓ Didn't we already pass this?

Yes. The sales tax was a two-part measure first approved by citizens in 2000. This first installment sunsets in 2005. This allows you to reassess the Rain to Recreation Program. Consideration of the final installment on August 3rd completes program funding. The 2nd installment sunsets in 2010.

### ❓ How much has the sales tax generated since 2000?

\$7.2 million from 2000 to 2005. This represents 26% of Rain to Recreation funding.

### ❓ How have these funds been spent?

- Design and construction of projects
- Development of proactive regulations
- Program setup and administration

### ❓ How much will be generated by the sales tax between now and 2010?

\$8.1 million from 2005 to 2010. This represents 33% of Rain to Recreation funding.

### ❓ How will these new funds be spent?

- Continued design & construction of projects
- Maintenance of existing infrastructure
- Bond repayment
- Program administration

### ❓ What happens after 2010?

The major capital improvements will be complete. Operations and maintenance continue with funding from the utility and new development charges alone. The Sales Tax retires.



## Voter Issue August 3rd!

- Rain to Recreation began in 2000
- Citizens supported 1st installment of a two-phase 1/8% sales tax in 2000
- Projects are underway
- The final installment is on the ballot August 3rd
- Extends the existing 1/8% sales tax to 2010, completing sales tax funding

## Questions?

Contact: Mike Beezhold  
913-477-7680  
mbeezhold@ci.lenexa.ks.us

Or visit the Rain to Recreation website:  
[www.raintorecreation.org](http://www.raintorecreation.org)



Lenexa 

## rain to recreation

### Promises Kept:

Flooding *Solved*  
People *Involved*  
Future *Resolved*

Sales Tax  Vote August 3rd  
Continues Present Tax

Approval extends the existing 1/8% sales tax for Rain to Recreation for five years, through 2010, protecting the environment now and in the future.



Lenexa 

# Sustainable Funding

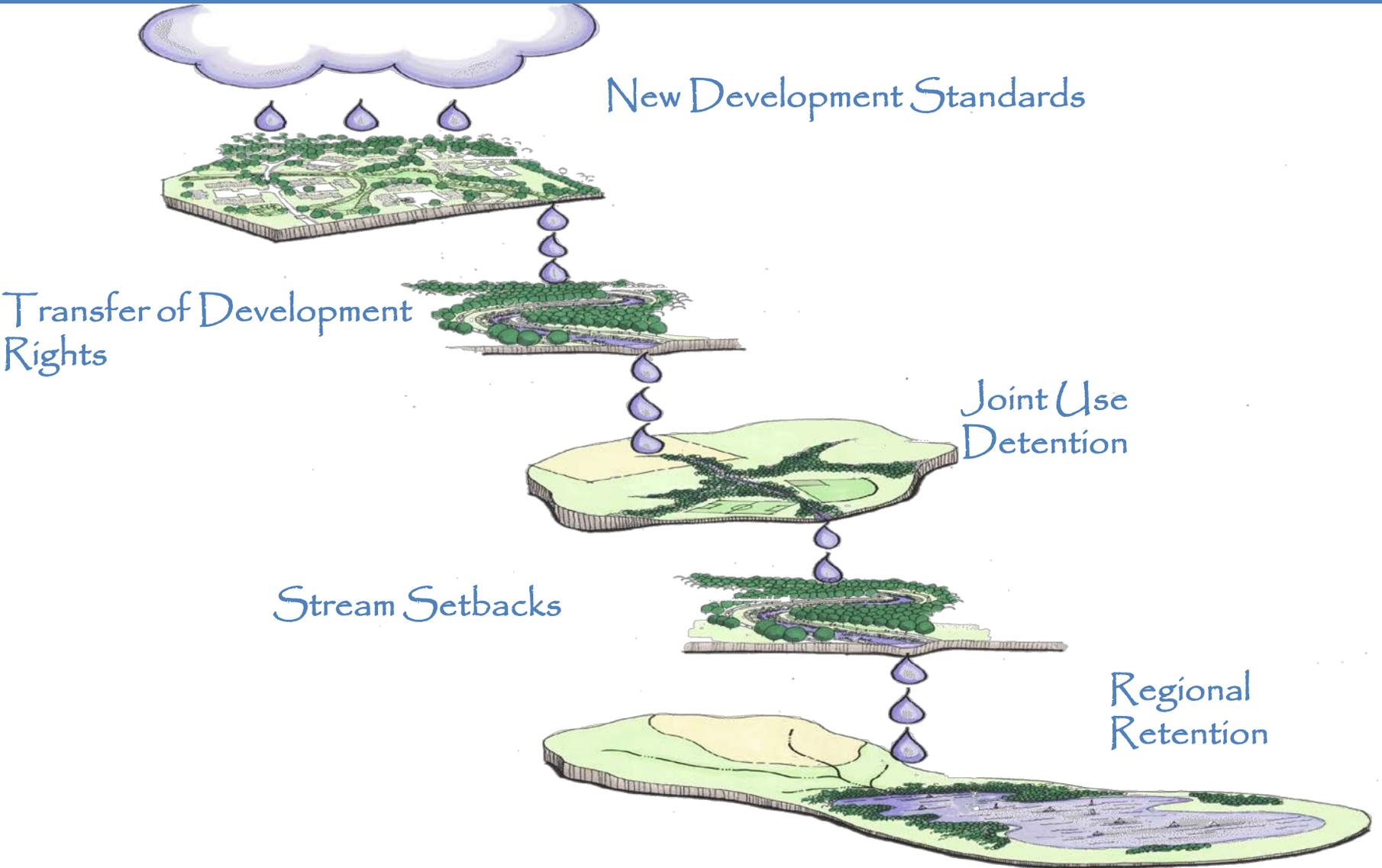


MANAGING WET WEATHER WITH  
GREEN INFRASTRUCTURE

MUNICIPAL HANDBOOK

FUNDING OPTIONS

# System Approach



# Regionalization - Lake Lenexa

*"Seek ways to reduce dependence on the automobile for important daily activities."*

parking, hiking trail, wetland, boardwalk, picnic area, main trail

*"Develop a comprehensive strategy for water, wastewater, and stormwater that benefits all of Lenexa."*

open play area and stormwater infiltration, wetland, boardwalk, main trail, parking

*"Employ land use planning and facility design that will ensure multi-modal transportation options; e.g. bike paths, sidewalks, trails, etc., as well as safety, aesthetic, and recreational features."*

*"Make Lenexa a city of trees, with aesthetically pleasing landscaping in every neighborhood, commercial area, traffic-way, and park."*

*"Investigate the possibility of areas in Lenexa that should be permanently protected from development."*

## RAIN TO RECREATION

### "A Promise Kept"

park, lake, wetland, future park, trail, 91st Street, K7 Highway, Monticello Road, Prairie Star Parkway, Lone Elm Road, park, future school site, park

*"Strongly encourage wildlife preservation to maintain and preserve as much of the natural environment as possible."*

main trail, small boat ramp, open play area and stormwater infiltration, picnic area, main trail, fishing dock, natural wooded area, boardwalk, hiking trail

*"Maintain high air and water quality standards."*

*"Design streamway buffers to accommodate the complimentary goals of open space preservation, wildlife habitat, stormwater management, bank stabilization, and erosion control."*

main trail, 91st Street, wetland, hiking trail, natural wooded area, boardwalk, open play area and stormwater infiltration

*"Provide for generous streamway setbacks with appropriate buffers."*

*"The City should continue to purchase the necessary grounds to continue development of tot-lots, community parks, and multi-purpose parks."*

*"Maintain a balance between Lenexa's natural and manmade environments, preserving key natural features while promoting quality growth and development."*

Lenexa

**"Investigate a regional approach...including regional retention facilities for stormwater management"**

# Lenexa K A N S A S TownTalk

February 2007 ■ Issue 1

## Fire Chief to retire in March



*Lenexa Fire Chief Kenneth Hobbs plans to retire in March after 26 years of service in Lenexa as the chief of the department.*

Fire Chief Kenneth Hobbs has announced his decision to retire from the Lenexa Fire Department in March after 26 years of service to the community as the chief of the department. Hobbs, a distinguished leader in the field of fire service for more than 30 years, served as

## Lake Lenexa and Black Hoof Park already receiving national attention

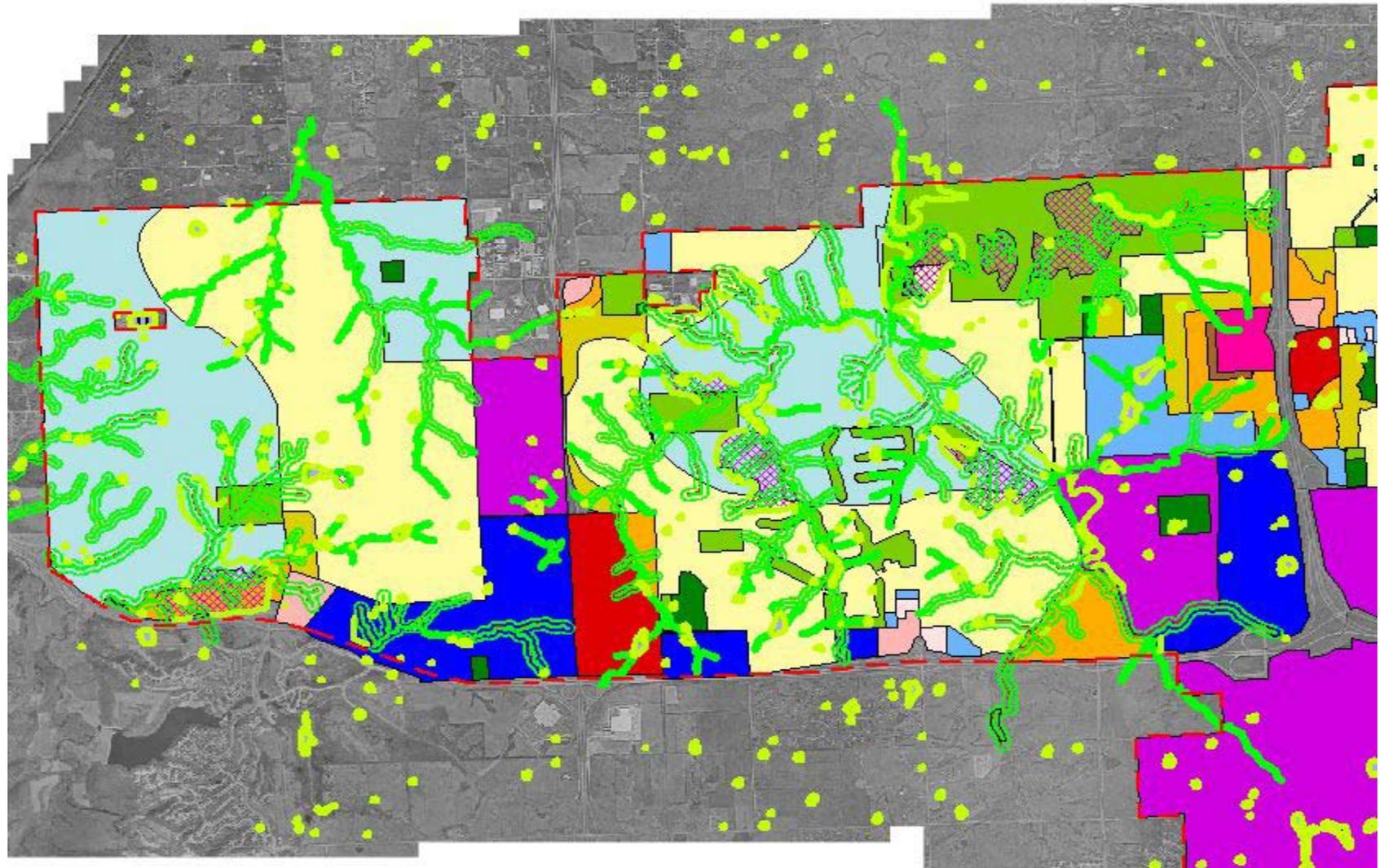
Lake and park to open after road work is completed



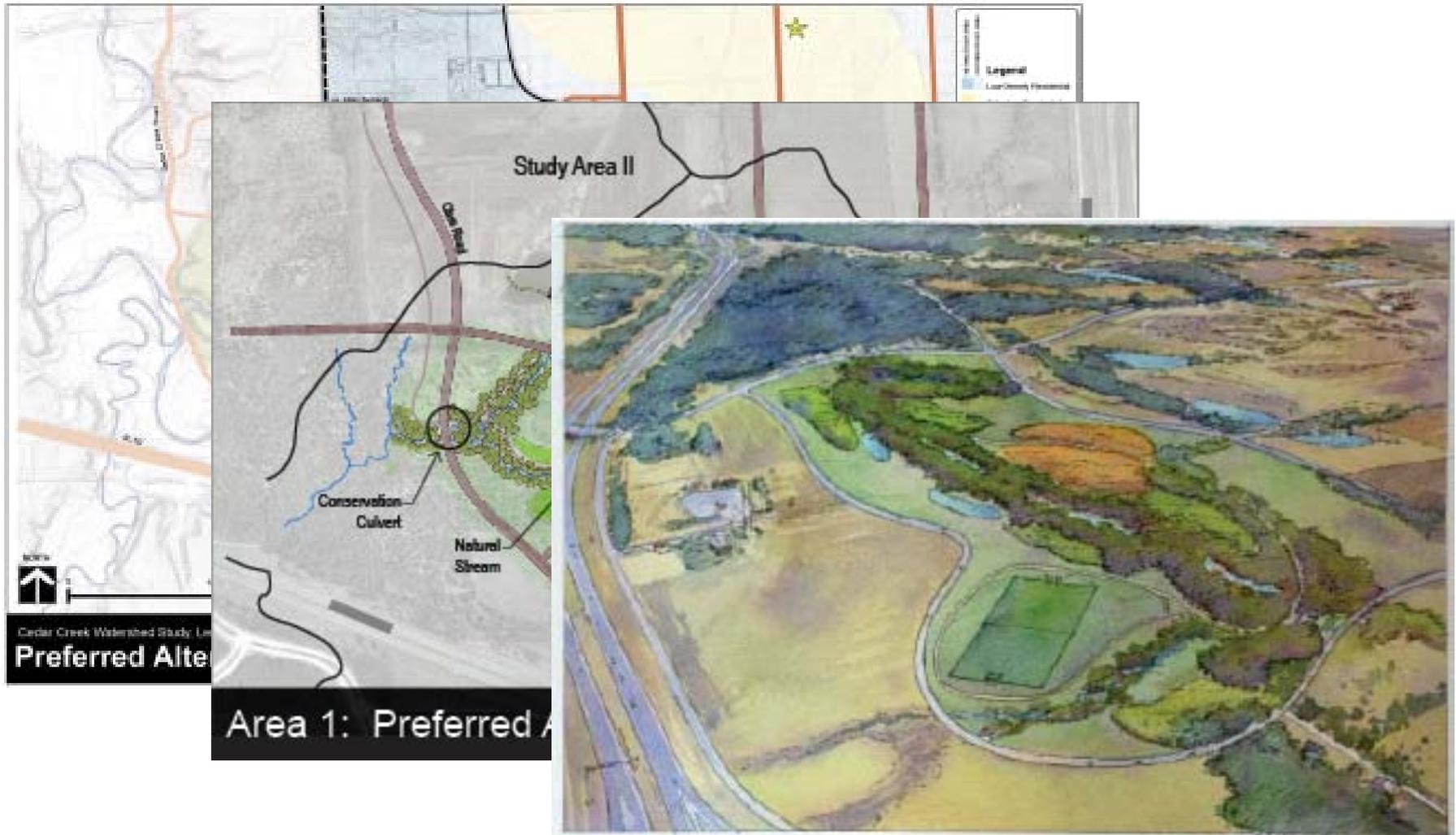
# Lake Lenexa Zones of Influence



# Future Land Use Plan: Stream Setbacks



# Comprehensive Plan: Section Study





# Lenexa City Center: Central Green



# Development Standards: Steps to Adopt

- **Consistent Message (Vision & Mission)**
- **Inter-Departmental Cooperation**
- **Define Benefits and Costs**
  - Systems Development Charge
  - Stormwater BMPs
- **Economic Development Council**
- **Developer Engineers**
- **Home Builders Association**
- **Planning Commission**
- **City Council**

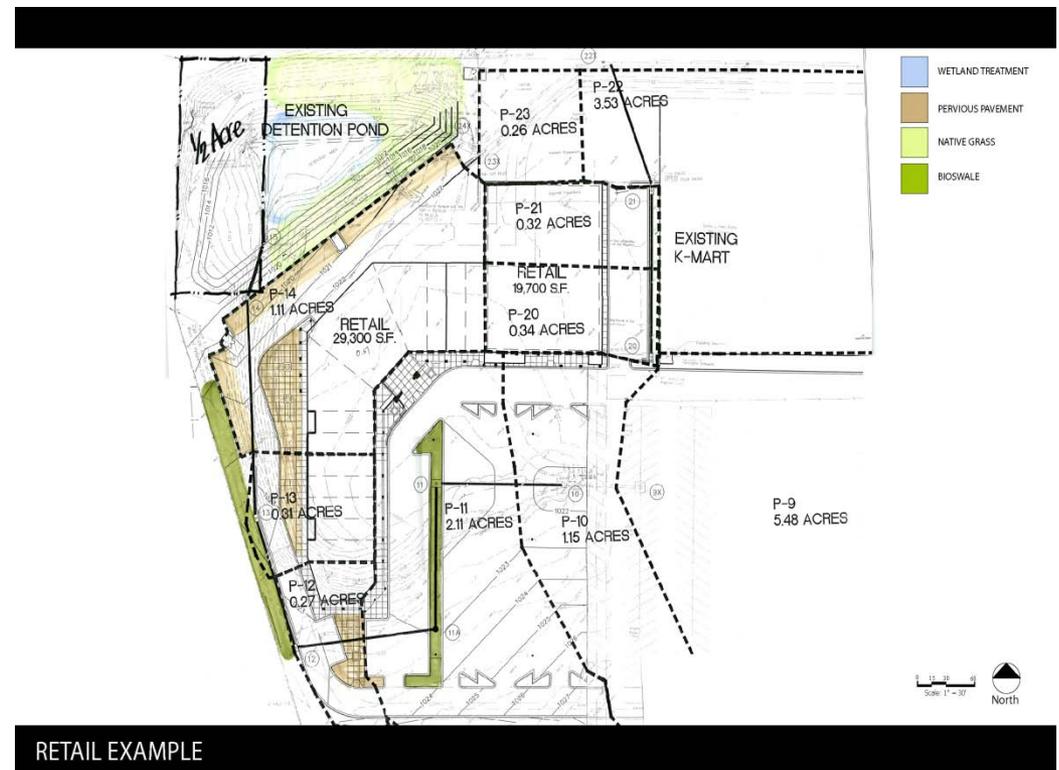
# Development Standards

- **Review Existing Sites**

- Impact of footprint of Stormwater BMPs
- Upfront capital cost implications
- Future Systems Development Charge Application
- Net cost or savings?

- **Example Sites**

- Single Family Residential
- Multifamily Residential
- Office
- Commercial/Retail



RETAIL EXAMPLE

# Watershed Outreach & Education Framework

**Awareness**



Flooding



Public Meetings

**Knowledge**

**Understanding**



Interpretive  
Signage

**Commitment**



Storm Drain Marking

**Action**

Stream Teams



# Watershed Outreach & Education Framework

## Key Ingredients

- **Leverage opportunities to educate**
- **Encourage participation**
- **Celebrate often**
- **Give Recognition**



# Projects: Manchester Park Stream Restoration



# Project: Brentwood Stream Stabilization



# Rain Barrel Parade



“The community values its resources and encourages all decisions give due consideration to financial impacts, environment impacts and long-term sustainability of the community.”

Vision 2030 Report



# For More Information

Mike Beezhold

CDM Smith

[beezholdmt@cdmsmith.com](mailto:beezholdmt@cdmsmith.com)

(816) 412.3145

[www.raintorecreation.org](http://www.raintorecreation.org)