INITIATIVE #1 COMMUNITY CONNECTIVITY

INCORPORATING SUSTAINABLE PRINCIPLES INTO THE COMPREHENSIVE PLAN AND STRATEGIC PLAN

One STL Plan Theme: Connected
Connectivity is a key theme in the recently adopted (March 2017) Creve Coeur 2030 Comprehensive Plan.

Objective #6: Transportation, Connectivity & Mobility

“Creve Coeur will utilize development and partnerships with other jurisdictions to better manage automobile traffic; reduce traffic congestion; and improve transit, walkability and bikeability.”

- Off-street and on-street network linking neighborhoods to community amenities
- Support regional efforts: Great Rivers Greenway network; Gateway Bike Plan

Bicycle and pedestrian planning is listed as a goal in the FY 2018-2020 Strategic Plan

Goal 4a: Update and implement bicycle and pedestrian plans
COMMUNITY CONNECTIVITY

- Comprehensive Plan provides baseline information (existing conditions)
- Comprehensive Plan provides high-level connectivity recommendations:
  - Bike lanes, shared lanes, paved shoulders, bike routes, pedestrian walkways, greenways
  - Early action items (easier to achieve projects)
- Measuring success
  - Identify a demonstration project to gain community support
  - Implement early action items
  - Include annual report to track progress
Lessons Learned

- Providing large-scale bicycle and pedestrian connectivity is a challenge in a community that was not designed for these modes of transportation.
- As a general goal, public supports it, but...
- Concerns exist regarding safety for on-street connections and increase in criminal activity for off-street connections.
- Important to educate on broader benefits: quality of life, health, recreation.

Replicability

- Important to identify a variety of connectivity options (on-street and off-street).
- Require connectivity as part of new development standards to meet connectivity plans.
- Talk with other agencies (transportation agencies, Great Rivers Greenway, East West Gateway) to assist with implementation, funding. Can help identify priorities for your community.
INITIATIVE #2 ENERGY CONSERVATION
CREVE COEUR PHASE 2 CLIMATE ACTION PLAN

One STL Plan Theme: Efficient
ENERGY CONSERVATION

**Phase 2 Climate Action Plan-Greenhouse Gas Emissions Inventory**

- City completed and adopted a Phase 2 Climate Action Plan (CAP) in 2016
- Served as an update to the Phase 1 CAP completed in 2010
- Greenhouse Gas Emissions inventory completed for years 2005 and 2014
- Results: City operations met 20% emissions reduction target; community-at-large did not.
- New reduction goals: 10%, 2025; 20%, 2035; 50%, 2050

**Other Energy Conservation Initiatives**

- City Council approved participation in the Missouri Clean Energy District and the Show Me PACE Clean Energy District (2016)
- Adoption of the 2015 International Energy Conservation Code (late 2017)
- Police station built to LEED standards (in design phase)
ENGINERY CONSERVATION

Measuring Success
- Update Climate Action Plan based on performance targets
- Utilize building benchmarking to gauge performance—Energy Star Portfolio Manager
- Account for new buildings over time—replacement buildings often are larger in size

Lessons Learned
- Provide achievable targets for energy reduction
- Need to account for new construction
- Internal operations are easier; community-at-large reductions are more challenging
- Incentive energy efficient construction
ENERGY CONSERVATION

Replicability:

- Establish internal green team
- Form a citizens advisory committee to lead process
- Hire an intern to collect data and draft report
INITIATIVE #3 SUSTAINABLE DEVELOPMENT

SITE SPECIFIC STORM WATER MANAGEMENT

One STL Plan Theme: Green
Storm Water Ordinance

- Comprehensive Plan and Strategic Plan recommend implementation of a storm water ordinance to address sites less than one acre in size.
- Purpose is to require a storm water management plan for smaller land disturbance activities
- Integrate storm water management as part of existing permit review activities
- Goal is to achieve a “no adverse effect”—no increase in volume or intensity of runoff for adjoining properties based on design storm event
SUSTAINABLE DEVELOPMENT—STORM WATER MANAGEMENT

Measuring Success
- Need for storm water review to address smaller land disturbance and construction activities—primarily residential projects
- Buildings getting bigger; changes in topography creating problems.
- Tracking storm water complaints to see if reductions are realized
- Reporting back to Stormwater Committee and City Council on successes and problems
- Over time, requirements become routine; less delays in permit issuance

Lessons Learned
- Determining what is the appropriate level of regulation
- Varying levels of acceptance—more requirements means could mean more difficulty for applicants
- Additional review requires more staff time
Replicability:

- Track storm water complaints
- Review existing codes to determine gaps to address complaints
- Obtain elected officials support early on
- Create a citizen advisory committee
- Determine appropriate level of regulation