



**2017 Strategic Plan Framework  
Project/Program Alignment of Council Goals**

**Source Documents and Master Plans**

**Public Works**

1. Americans with Disabilities Act Transition Plan for Public Rights-of-Way
2. Annual Transportation Report
3. Bicycle Friendly Community Program
4. Bicycle Transportation Plan
5. Capital Improvements Plan
6. Citizens' Stormwater Task Force Final Report
7. Downtown Parking Study
8. Greenway Master Plan & Implementation
9. Level of Service Policy
10. Livable Streets Policy
11. MARC Transportation Committee
12. National Pollutant Discharge Elimination System (NPDES) Permit **Q1.9**
13. Neighborhood Traffic Safety Program
14. School Safety Program
15. Sidewalk Assessment Report
16. Snow/Emergency Plan
17. Stormwater Master Plan Summary Report May 2003
18. Street Light Policy
19. Thoroughfare Master Plan
20. Transit Demand Assessment
21. Unfunded Infrastructure Report
22. Unimproved Road Policy
23. Walk Friendly Community Program

# Safety

**Vision:** To create an environment where the perception of safety is supported by the reality of safety.

**Goal 1:** Educate our citizens on high performance standards and how we are planning to attain these goals.

## Public Works

- Citizen Surveys – Transportation Safety Questions
- Annual Transportation Report (Annual Transportation Report)

**Goal 2:** A well-staffed, well-paid, well-equipped public safety group that is future-oriented, who carry forward community values.

## Public Works

- PW is recognized by FEMA as a first responder in emergencies –need to be properly staffed and equipped (Snow/Emergency Plan)
- Implementation of Snow Plan
- Implementation of agreements with IAM (with Water Utilities)

**Goal 3:** Provide resources and facilities to maximize ability to protect citizens.

## Public Works

- Snow/Emergency Plan
- Unimproved Roads Policy
- Livable Streets Policy Implementation (Livable Streets Policy)
- Transportation Safety Programs
  - Neighborhood Traffic Safety Program (Neighborhood Traffic Safety Program)
  - Addresses traffic safety concerns in residential neighborhoods (commonly referred to as traffic calming program)
  - School Area Traffic Safety Program
    - Provides periodic reviews of school areas to maintain and improve safety for students
  - Road Safety Audit and Neighborhood Sign Audit Program
    - Provides periodic traffic safety reviews of thoroughfares and neighborhood signing to maintain and improve safety and compliance with adopted standards.
  - Crash Analysis Program
    - Provides periodic reviews of crashes citywide, the identification of high crash locations and crash studies to mitigate crashes and improve safety.
- Street Lighting Policy
- Various Transportation Infrastructure Networks (e.g. roads, sidewalks, paths, signals, etc.) that support safe and efficient mobility and accessibility for all people and emergency responders including required resources for planning, engineering, construction and maintenance to provide and continue service and operation
- Temporary Traffic Control Permitting and Right-of-Way Permitting

## Education

**Vision:** Continue the environment for education ecosystem to thrive.

**Goal 1:** Collaboration of all sectors of educational institutions.

### **Public Works**

- PW Engineering and Airport are both Partners in Education with R7 – PWE with Summit Technology Academy, and Airport with Mason Elem. Airport staff also collaborating with St. Michael's H.S. on aviation course when school opens. A number of PW staff members take part in career days at various community schools.

**Goal 2:** Engage students in community to retain studies in Lee's Summit after graduation.

**Goal 2:** Engage students in community to retain studies in Lee's Summit after graduation (continued).

### **Public Works**

- Airport Open House

**Goal 3:** Upgrade online and communication technology that builds data to increase community education and engagement.

# Transportation

**Vision:** A multi-modal system that embraces livability and connectivity, including accessibility.

**Goal 1:** Investigate and implement different modes of transportation for all ages.

## Public Works

- Neighborhood Traffic Safety Program
- School Safety Program
- Bicycle Friendly Community Program
- Updated Transit Demand Assessment completed earlier this year. Current agreements with KCATA and OATS for public transit services utilizing City's federal transit funds for portions of program. Coordinating with KCATA on potential Eastern Jackson Co. transit system improvements (Transit Demand Assessment)
- Livable Streets policy adopted and advisory board in place. Provides input on incorporating multiple transportation modes in the community including pedestrian, bicycle and transit based on City and regional plans (Livable Streets Policy)
- ADA Transition Plan for Public ROW outlines implementation of accessible routes throughout city (ADA Transition Plan)
- Resolution to upgrade unimproved roads and interim road standards to include paved shoulders for bike/pedestrian use – interim road standard required for certain developments adopted by Council in December 2016 (Unimproved Roads Policy)
- Thoroughfare Master Plan [Q4.4](#)
- Bicycle Transportation Master Plan and Greenway Master Plan
- Access Management Code
- Implementation of Airport Master Plan underway with expansion of runway (Airport Master Plan)

**Goal 2:** Incorporate technology into transportation.

## Public Works

- Traffic Signal Communications Master Plan and contract with MARC for Operation Greenlight
- Networked signal systems on high volume arterial corridors (Chipman, 2<sup>nd</sup>, Douglas, Blue Parkway, some Pryor)
- Participation in Operation Greenlight regional networked traffic management system (Douglas)
- Use of Adaptive Traffic Signal Control Technologies (Chipman)
- Use of advanced vehicle detection systems in traffic signal operations, LED lighting, wireless and fiber communications, etc.

**Goal 3:** Identify support (leverage and capitalize) for regional options.

## Public Works

- Represent LS at MARC Highway Committee, Bicycle and Pedestrian Advisory Committee, Sustainable Places Policy Committee, Transit Priorities Committee and Missouri Priorities Committee, which recommend allocation of federal STP funding in the region (MARC Transportation Committee)
- Seek cost share opportunities through MoDOT (e.g. Blackwell Interchange) and available federal funding opportunities (e.g. Energy Block Grant and Federal Transit Funds)

**Goal 4: Connect recreation to economic development projects.**

**Public Works**

- Livable Streets Policy
- Bicycle Transportation Plan
- Greenway Master Plan
- Bicycle Friendly Community
- Walk Friendly Community
- Sidewalk Assessment Report
- ADA Transition Plan

**Goal 5: Viable roadways in all parts of the city.**

**Public Works**

- Thoroughfare Master Plan
  - Update completed this year to reflect current community growth and land use
  - Identifies road needs throughout community
  - Used as project list for selection of roadway projects for funding from various sources
- Access Management Code
- Unimproved Road Policy
- Level of Service Policy
- Livable Streets Policy
- The Police Department and Public Works Department work together in traffic planning and the Neighborhood Traffic Safety Program to assure for roadway safety (with Police; NTSP)

## Health and Human Services

**Vision:** Maximize accessibility and affordability as a wellness community

Goal 1: Wellness community; Education and outreach; Legislative advocacy; Protection of environmental resources.

### Public Works

- NPDES Permit - PW staff leads implementation/compliance efforts for water quality protection/improvement (NPDES) **Q1.9**

Goal 2: Encourage development, growth, additions, and expansion of non-profit programs.

Goal 3: Encourage development of medical resources.

Goal 4: Assess housing for non-profits.

Goal 5: Aid in free and reduced lunches.

# Infrastructure

**Vision:** Ability to address needs, expanding capacity for the future

**Goal 1:** Identify gaps and shortcomings, and work to address.

## Public Works

- Multiple documents utilized to identify infrastructure needs
  - Thoroughfare Master Plan [Q4.4](#)
  - Sidewalk Assessment Report
  - ADA Transition Plan
  - Pavement Rating Model
  - Bridge Rating System
  - Annual Pavement Management Plans [Q2.4](#)
  - Stormwater Management Plans and resident input on problem areas
  - Citizens' Stormwater Task Force Final Report [Q2.7](#)
  - Neighborhood Traffic Safety Program
  - Crash studies
  - Intersection traffic operations analysis
  - Infrastructure Needs Assessment
  - Greenway Plan
  - Bicycle Plan
  - Performance Reporting (e.g. Annual Transportation Report)
  - Parking Study
  - Citizen surveys
- Unfunded infrastructure inventory and report completed in October 2013
- Capital Improvement Plan identifies 5-year, financially constrained plan for infrastructure [Q1.10](#)

**Goal 2:** Maximize roadway capacity.

## Public Works

- Roadway capacity is analyzed as part of the Thoroughfare Master Plan using the Transcad model to develop traffic growth scenarios and roadway capacity is reviewed through development impact studies and periodic intersection operational analysis [Q4.4](#)
- Level of Service Policy
- Access Management Code
- Traffic Signal Coordination and Optimization
- Roadway maintenance programs to extend the service life of infrastructure [Q2.4](#)
- Encourage multi-modal transportation (e.g. transit, pedestrian and bicycle modes) to reduce roadway trips

### Goal 3: Improve storm water management system.

#### Public Works

- Stormwater master plans for all watersheds in city were completed between 1997 and 2002. The summary report contains prioritized recommended improvement projects and cost estimates (Stormwater Master Plan Summary) [Q2.3](#)
- In 2007, \$15.4 million in G.O. bonds were approved for stormwater projects to address structure flooding due to insufficient public drainage system. Public input requested brought a number of locations to city staffs' attention that were unknown prior to this process. Approximately 20 project locations were completed through the bond program. The public input process has identified approx. 35 more locations that could qualify
- Stormwater management is topic of current work by Public Works Committee
- Public Works Committee recommending adding stormwater capital projects into CIP Sales Tax Renewal [Q1.10](#)
- Work will continue to consider permanent funding for a higher level, ongoing stormwater management program [Q2.3](#)
- NPDES Permit - PW staff leads implementation/compliance efforts for water quality protection/improvement (NPDES) [Q1.9](#)
- Drainage Master Plan

### Goal 4: Maintain curbs and sidewalks.

#### Public Works

- Annual pavement management program replaces approx. \$1M of curb each year (CIP) [Q2.4](#)
- Invested \$3.3m in Arterial Curbs, which resulted in 26.5 miles in new curbs (CIP) [Q1.10](#)

### Goal 5: Develop clear policies regarding public vs private needs.

#### Public Works

- Citizens' Stormwater Task Force (2004) recommended division of public and private responsibility as it pertained to stormwater problems. Other infrastructure within ROW generally clearer due to ROW ordinances [Q2.7](#)

### Goal 6: Long-term planning including maintenance schedules.

#### Public Works

- Citizens' Stormwater Task Force Final Report [Q2.7](#)
- Annual pavement and curb programs are scheduled maintenance which includes crack sealing, microsurfacing, and overlay. Pavement maintenance is based on pavement condition index (PCI). Curb replacement takes place when street overlay is scheduled for the following year. Replacement of deteriorated curb (due to poor aggregates) is based on safety, available funding and severity of deterioration based on a condition rating system. Maintenance costs for new infrastructure are also included in the Capital Improvement Plan for each project [Q2.4](#)
- Annual street light and pavement marking maintenance programs [Q2.4](#)



## Economic Development

**Vision:** Thriving, yet affordable growth which generates options for long-term careers.

Goal 1: High-quality, diverse economic development with bold and flexible decision-making to encourage more innovative technology and high-wage careers.

### Public Works

- Capital Improvement Plan has included projects impactful to future economic development as a factor in decision-making **Q1.10**
- Thoroughfare Master Plan 2015-2040

Goal 2: Clear, easily-understandable processes allowing for high-quality appropriate development with emphasis on problem solving.

Goal 3: Spec buildings ready for occupancy.

## Culture/Arts

**Vision:** Create a supportive environment for artistic expression that represents community values.

**Goal 1:** Cultivate and foster the growth of an emerging and energetic arts environment.

**Goal 2:** Complete Cultural Arts Corridor.

**Goal 3:** Encourage private investment.

**Goal 4:** Public art visible in all areas of the community.

### **Public Works**

- PW providing technical assistance for gateway monuments along with installation of at least one monument

**Goal 5:** Unique and fun options that builds culture and community, attracts others and increases value.