



KCStat Follow-Up Memo
Transportation and
Infrastructure KCStat Meeting
March 6, 2018 8:30 AM

Full presentation and link to video
(when available) can be found here:
<http://kcmo.gov/kcstat/meetings>

Live-tweet stream can be found by
searching Twitter for #kcstat

The March 6 KCStat meeting on Transportation and Infrastructure focused on reporting progress toward the objectives outlined in the 2017 Update to the Citywide Business Plan (see table below). Major discussion points, follow-up items, and data questions that arose at the meeting are summarized below. For questions on these items, please contact Kate Bender (kate.bender@kcmo.org).

1. Major Discussion Points

Objective 1: Multi-Modal Transportation

- a. The annual Smart City Connect summit will be held in KC starting March 27th, where Kansas City will be honored for our 54 blocks of smart infrastructure. The next phase of KCMO's Smart City Infrastructure will involve an RFP to create a public-private partnership.
- b. The Parks Department is planning a pilot of a "smart bench" in Mill Creek Park that can provide data on activity in parks based on wi-fi signals from pedestrians.
- c. While transit ridership is down 4-5% nationally and KCATA bus service has followed that trend, KCATA is implementing a number of initiatives to actively combat that trend, including the RideKC app, free bus passes for veterans, and a new on-demand service option for paratransit and general public called RideKC Freedom. KCATA also continues to implement and plan for system improvements, including the realignment of Main Street Max to Grand, opening of 3-Trails Transit Center, and planning for Prospect MAX and other future MAX corridors on Independence and North Oak.
- d. The KC Streetcar recently passed 3.6 million passenger trips. Its 2017 onboard survey revealed that 90% of passengers are riding to a destination (43% to work), and 50% are spending money during their trip. Additionally, the streetcar is impacting transit ridership within a radius of the line, which is up between 12% and 88% depending on the day.
- e. KC Streetcar planning for the north and south extension is in progress, with the mail-in election process started for the south extension. Both extensions are dependent on federal funding.
- f. GO KC sidewalk projects are beginning in March with the backlog locations from 311 service requests. For the first set of projects, 79 blocks between the Missouri River and 85th Street have been targeted for spot repair across the entire block.

- g. The Bicycle Master Plan is nearing the adoption phase. The plan network includes nearly 670 centerline miles, of which more than half are lanes with a major separation. PW is coordinating with City Planning on their resurfacing projects to identify road diet candidates from the proposed Bicycle Plan. PW is also beginning nearly 8 miles of bike lanes in 2018 as part of GO KC projects.

Objective 2: Sustainable Infrastructure

- a. Creating a Climate Resilience Plan will require a local foundation match that has not yet been identified. The Climate Protection Plan update is depending on the Greenhouse Gas Emissions update, which is in progress.
- b. The Smart Sewers project will be installing the world's largest smart sewer sensor network in 2018 to help monitor KCMO's sewers.
- c. Cross-departmental collaboration in the Smart Sewers project in the Marlborough area has led to cross-cutting benefits, including trash clean up, street resurfacing, and water main replacement.
- d. We will be working with the EPA this year to develop proposed modifications to the consent decree that focus on rehabbing rather than building new, and reducing overflows in a cost-effective way, since our residents are asking for rate relief.

Objective 3: Strategic Infrastructure Investment

- a. The plans for street preservation in 2018 include 174 lane miles of resurfacing and 35 lane miles of microsurfacing. The current annual investment of approximately \$10 million per year results in a 37-year cycle for resurfacing. The impact of this investment is seen in the City's pavement condition index for 2018, in which 22% of street segments are rated as good or better and 70% are rated as poor or below.
- b. The city is pursuing an infrastructure approach to fiber as an asset, with a master plan developed.
- c. Both Public Works and Parks continue to invest in their asset management systems, with a goal of better deployment of resources using this data.
- d. Water Services' water main replacement program will be transitioning from a block-by-block approach to a neighborhood approach (since the worst of the worst of the assets have been addressed). This will assist in coordination with Public Works and other planning efforts. As a result of the water main investments, the rate of breaks has fallen to 26.7 per 100 miles, close to the industry average; the optimal standard WSD is aiming for is 15 breaks per 100 miles.
- e. A budget has been established for the 1% for Art Projects from the GO KC program in the first 2 years, broken out by the three infrastructure questions. Locations have been identified for the Question 1 projects, including Maplewood Parkway, Wornall, and Marlborough; the call for artists is going out this week for Maplewoods.
- f. The city is nearing submission of our ADA Transition Plan to the Department of Justice, which will detail our prioritization and timeframe for addressing remaining facilities and parks.

Objective 4: Workforce Development

- a. An ordinance implementing recommendations from the 2017 Disparity Study is currently in front of Council. Other current initiatives include a Small Local Business Enterprise initiative, which has resulted in 199 contracts valued at \$21.4 million being awarded between 2011 and 2017, and development of a GO KC Workforce Initiative.

2. Follow-Ups for Departments (to report back next Transportation and Infrastructure KCStat (September 4, 2018):

- a. Create memo for Mayor and City Manager that details the business case for KCMO’s Smart City approach, including partnerships and the return on investment (Office of Innovation)
- b. Work with City Manager and others to identify candidates for local place based foundation to support climate resilience planning (Office of Environmental Quality)
- c. Provide update on progress of Tree Champions group, including any goals or plans developed (Parks and Recreation)
- d. Provide update on Wastewater Re-Use Feasibility Study (WSD)
- e. Provide update on funding plan for maintenance of public art (GSD-Public Art)
- f. Provide update on development and implementation of GO KC workforce program (HRD)

3. Data Questions (to report back next Transportation and Infrastructure KCStat (September 4, 2018):

- a. Ensure that map of street preservation activities for 2018 is available on City’s website once finalized (Public Works)

4. Objectives: The following objectives and strategies from the 2017 Update to the Citywide Business Plan were discussed at the 3/6/18 KCStat on Transportation and Infrastructure:

Objective	Strategies
1. Enhance the City’s connectivity through a safe, efficient, convenient, and sustainable multi-modal transportation system.	<ul style="list-style-type: none"> a) Seek and implement Smart City opportunities and operationalize technologies. (Office of Innovation) b) Optimize the City’s transit investment, through existing and new transit service such as the streetcar, RideKC activities, MAX bus services, and others through routes, north-south and east-west. (Public Works) c) Develop a plan to enhance pedestrian connectivity through sidewalk repair, replacement, and gap removal, in conjunction with GO KC bond funding. (Public Works) d) Update and implement the Bike KC Trails Plan. (Office of the City Manager)

Objective	Strategies
<p>2. Develop environmentally sound and sustainable infrastructure strategies.</p>	<ul style="list-style-type: none"> a) Develop a citywide climate and man-made resiliency plan to safeguard and restore critical City buildings and infrastructure. (Office of Environmental Quality) b) Update and implement the City’s Climate Protection Plan to include Envision Sustainable practices, the Envision Sustainable Infrastructure Rating System, and other measures. (Office of Environmental Quality) c) Identify and invest in greenfield areas that capitalize on natural features, promote unique development patterns, build civic space, and promote sustainable design and construction. (City Planning and Development) d) Reduce financial impacts of the City’s Smart Sewer Program by proactively working with EPA to adjust the timeline for project completion and proposing additional green infrastructure solutions. (Office of the City Manager) e) Implement the City’s Smart Sewer Program to meet the City’s federal consent decree requirements. (Office of the City Manager)
<p>3. Engage in efforts to strategically invest in the City’s infrastructure.</p>	<ul style="list-style-type: none"> a) Develop an infrastructure asset management plan that maximizes the useful life of all assets and meets federal requirements. (Public Works) b) Implement a plan to expand the public art program to a broader category of assets, with the inclusion of the maintenance of those efforts. (General Services) c) Implement the City’s Americans with Disabilities Act (ADA) plan to meet the Department of Justice’s settlement agreement and ensure that all projects meet ADA standards. (Office of the City Manager)
<p>4. Increase and support local workforce development and minority, women, and locally-owned businesses.</p>	<ul style="list-style-type: none"> a) Utilize advertisements, the Annual Capital Improvement Overview, and City-sponsored learning opportunities to increase awareness and response to City-issued Requests for Qualifications/Proposals (RFQ/Ps). (Human Relations) b) Update and implement Workforce Strategic Plans on all City and statutory agencies’ projects. (Human Relations) c) Develop and implement Community Benefit Agreements and local preference plans for use in City and statutory agency projects. (Human Relations)