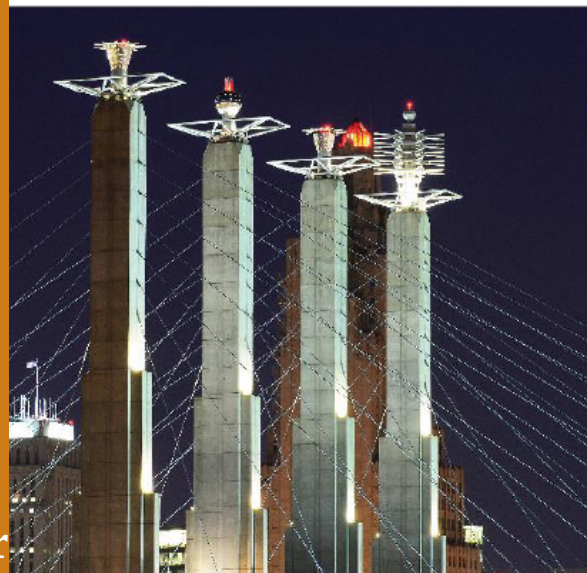
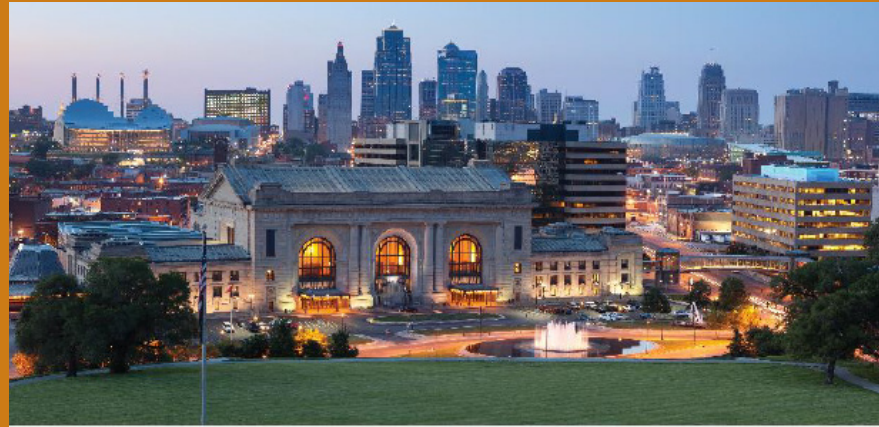


# City of Kansas City, Missouri

## Bike KC Audit Overview

Mid-America  
Intergovernmental  
Audit Forum  
December 7, 2017



Jonathan Lecuyer, Sr. Auditor  
Office of the City Auditor - Kansas City, Missouri



# Bike KC Overview

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- ◆ Audit Genesis Objective
- ◆ Program Background
- ◆ Objective
- ◆ Audit Findings
- ◆ Recommendations and City's Response
- ◆ #auditimpact
- ◆ Recommendation Implementation Monitoring



# Audit Genesis

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- ◆ Following City Activity
- ◆ Soliciting Public Input:
  - ◇ Bicycle and Pedestrian Advisory Committee
- ◆ Office's Internal Audit Selection Process

# Bike KC Background

- ◆ Bike KC is the guiding plan for the development of on-street bike infrastructure.
  - adopted in 2002
- ◆ City adopted the goal of becoming Platinum Bike Friendly city by 2020.
- ◆ Bicycle and Pedestrian Advisory Committee (BPAC)



# Audit Objective

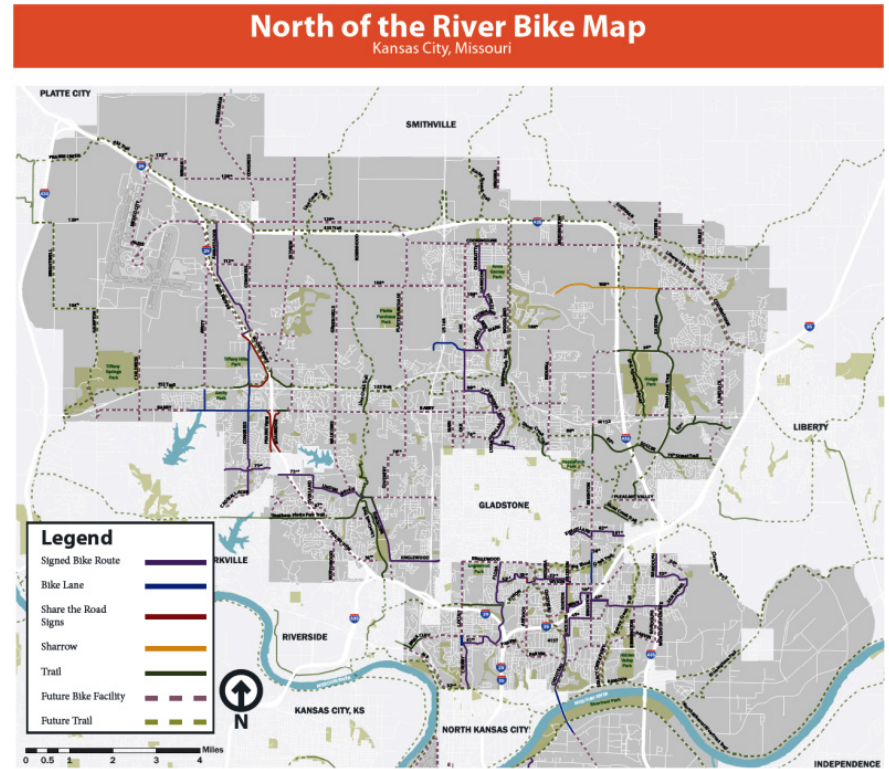
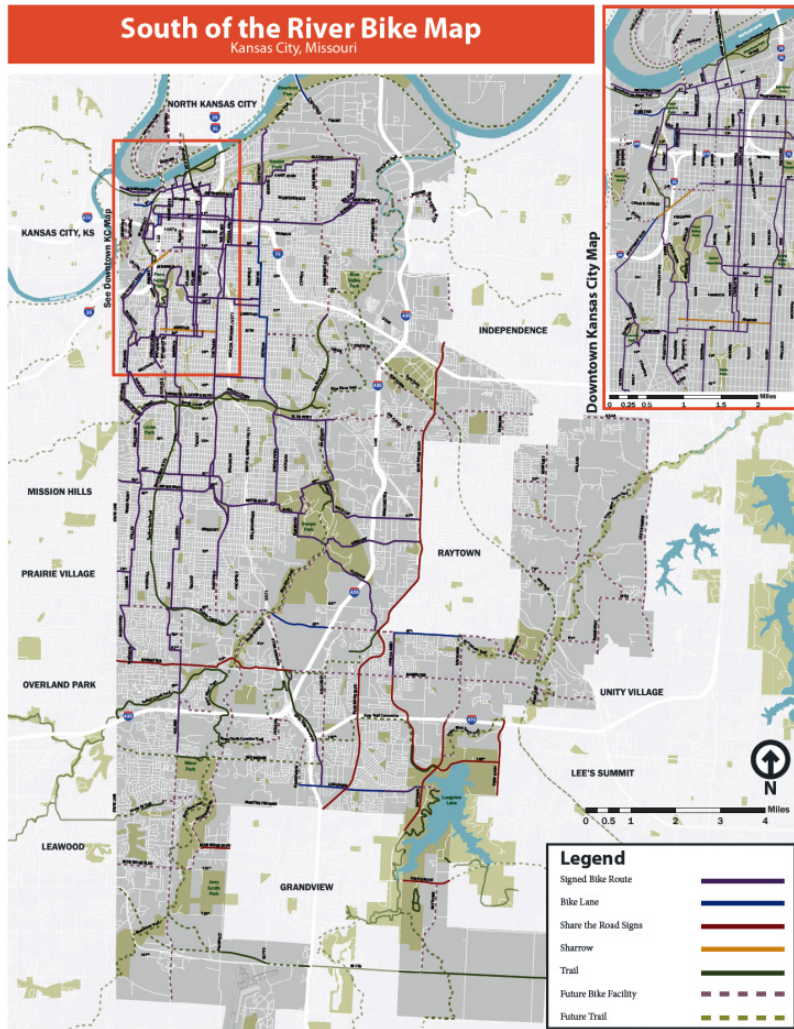
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- ◆ Audit Objective: *Does the Bike KC plan adequately guide the implementation of on-street bike infrastructure to achieve adopted city goals?*

# Bike KC Inadequate to Guide Implementation

| AASHTO Recommended Practice                      | Bike KC | Denver | Portland | Overland Park |
|--|---------|--------|----------|---------------|
| Establish a Public Process to Shape Plan         | Partial | Yes    | Yes      | Yes           |
| Plan Purpose, Relevance, and Context             | No      | Yes    | Yes      | Yes           |
| Vision, Goals, and Objectives                    | No      | Yes    | Yes      | Yes           |
| Benchmarks or Performance Indicators             | No      | Yes    | Yes      | Yes           |
| Recommended Design Guidelines                    | No      | Yes    | Yes      | Yes           |
| Recommended a Network of Bicycle Facilities      | No      | Yes    | Yes      | Yes           |
| Recommended Bicycle Policies                     | No      | Yes    | Yes      | Yes           |
| Implementation Plan                              | No      | Yes    | Yes      | Yes           |
| Recommended Education and Encouragement Programs | No      | No     | Yes      | Yes           |
| Enforcement Programs                             | No      | No     | Yes      | No            |

# Audit Findings- lines on a map



# Audit Findings

---

- ◆ BPAC process not adequately followed
- ◆ Draft update to Bike KC is inadequate



# Existing Bike Routes Not Suitable for Average Rider

| Level of Service | Ridability   | % of Routes |
|------------------|--|-------------|
| A                | Good for all   | 18.8%       |
| B                | Good for all with possible exception of inexperienced children | 11.4%       |
| C                | Acceptable to most average adult cyclists                      | 16.4%       |
| D                | May be acceptable to experienced adults                        | 26.3%       |
| E                | Bearable by some experienced adult cyclists                    | 26.8%       |
| F                | Not suited for cycling   | 0.3%        |

# Bike KC Not Improving Riding Conditions

| Facility Type                          | <u>Built</u> | <u>Proposed</u> |          |               |
|--|--------------|-----------------|----------|---------------|
|  | Bike KC      | Denver          | Portland | Overland Park |
| Signage or Pavement Marking            | 91%          | 0 %             | 0%       | 14%           |
| Enhanced Shared Roadway                | 0%           | 25%             | 6%       | 0%            |
| Bike Boulevard/<br>Advisory Bike Lanes | 0%           | 20%             | 35%      | 0%            |
| Separated in-roadway                   | 9%           | 55%             | 60%      | 86%           |

# Recommendations

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- ◆ Recommendations intended to improve the guidance provided to city staff to meet city biking goals:
  - ◇ Update Bike KC to include recommended elements of a master bicycle plan sufficient to meet city goals.
  - ◇ Ensure public input through BPAC is incorporated in Bike KC.

# Audit Impact

GOVERNMENT & POLITICS

## Scathing audit faults Kansas City bike plan as 'only lines on a map'

BY MIKE HENDRICKS  
[mhendricks@kcstar.com](mailto:mhendricks@kcstar.com)

DECEMBER 21, 2016 3:54 PM

A new city audit calls Kansas City's master bicycle transportation plan little more than "lines on a map to delineate bike routes" that don't connect with popular destinations and have largely gone unbuilt because of the plan's many flaws.



Redefining our streets as places for people

About Join the Movement Advocacy Education Planning Services

### Performance audit says reboot the KCMO bike plan

Posted on December 22, 2016 by BikeWalkKC

### CITY AUDITOR RECOMMENDS IMPROVEMENTS TO ON-STREET BIKE PLAN

Guest Poster December 22, 2016 Kansas City  
Comments Off on City Auditor recommends improvements to on-street bike plan



The City Auditor's Office on Thursday released an audit on Bike KC, the city's on-street master bike plan. The audit focused on whether Bike KC provides adequate guidance to meet the city's bike-related goals.

## After Scathing Audit, Kansas City Bike Advocates Push For Adoption Of A New Plan

By DIANE KRAUTHAMER • APR 18, 2017

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Painted bike lanes on Armour Boulevard (pictured here) will be improved to keep cyclists protected from automobile traffic.

DIANE KRAUTHAMER/KCUR 93.3


## KCMO leader calls city's master bike plan 'inadequate'

By: Tom Dempsey  
POSTED: 10:41 PM, Dec 30, 2016  
UPDATED: 10:19 AM, Jan 2, 2017




# #auditimpact

ScottKCMO and 1 other liked

 **Eric Bunch** @EricWBunch · 22 Dec 2016  
I've temporarily come out of my temporary retirement to hang out at #KCMO City Hall for the **BikeKC audit** presentation.

DuRon Netsell and 1 other Retweeted


 **Matt Nugent** @MattNuge · Jul 25  
Replying to @BikeKC  
No more excuses. Create a permanent internal revenue stream. Use the 1% outlined in the CPP and **audit**.

4 15


 **Heidi** @laflaneuse · 22 Dec 2016  
Emailed appreciation to @KCMOCityAuditor and @KCMOManager for their work on and support for the **BikeKC audit**. Important step for the city.

1

Tim and 1 other liked

 **James Rice** @JamesRiceKC · 21 Dec 2016  
Based on early quotes, the **Bike KC audit** may join #GDAP on the shelf of KC's Sacred Urban Documents.

6

 **David Atwell** @2davidl · 22 Dec 2016  
@KCMOManager, thank you for addressing issues in **Bike KC audit**, looking forward to improved plan & implementation

1

 **Mayor Sly James** @MayorSlyJames  
Following  
Check out the new bike lanes downtown and around the River Market! [bit.ly/2fb4yW9](http://bit.ly/2fb4yW9)



3:35 PM - 18 Sep 2017


12 Retweets 97 Likes

9 12 97


 **Eric Rogers** @erogers  
Follow  
1st block  big step on a long journey. Thx @joliejustus @MayorSlyJames @KCMOManager @KCMOCityAuditor @dnakcmo @bikelaneongrand @kcmo



Chris Hernandez and 1 other Retweeted

 **Matt Nugent** @MattNuge · 22 Dec 2016  
If you value in **bike** infra in **KC**, take a moment to thank @KCMOManager for taking action to fix the problems documented in the **#BikeKC audit**.

1 2 17

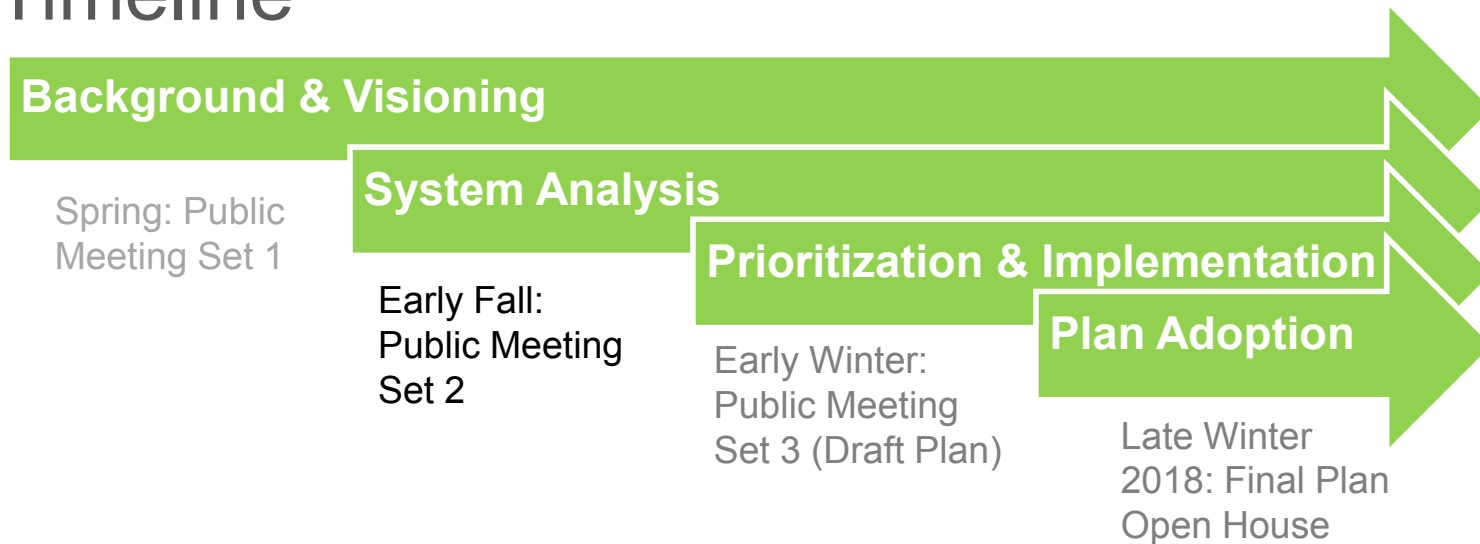
 **BikeWalkKC** @BikeWalkKC · 22 Dec 2016  
@KCMOManager thank you for leadership; commitment to taking action on **Bike KC audit**/new plan.

2 7

# Recommendation Implementation

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## Timeline



# QUESTIONS???



For more information, to read our audit reports, or submit your audit ideas, visit [kcmo.gov/cityauditor](http://kcmo.gov/cityauditor)

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