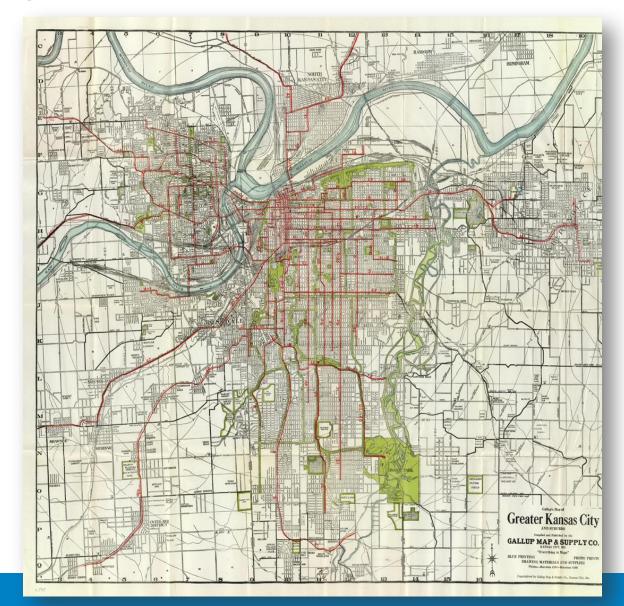


# OUR KANSAS CITY STREETCAR STORY



## Kansas City Streetcar System (c1915)

- 136 million riders annually
- 32 lines
- 300 track miles
- 3<sup>rd</sup> largest streetcar system in the country
- System decommissioned in 1957
- Cars, suburbia and sprawl



## KC's Modern Streetcar Story

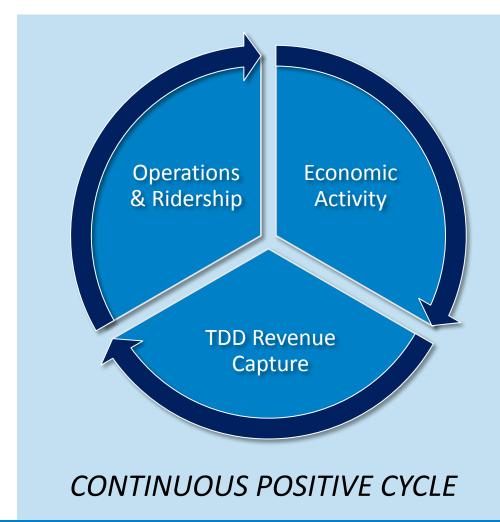
- 9 unsuccessful city-wide rail transit campaigns over 20+ years
- 2011 planning on a Downtown streetcar circulator advanced, building on strong downtown and community support
- Project goals: Connect, Develop, Thrive, Sustain
- Innovative plan to generate new revenues for construction, operation, and maintenance, using TDD revenue capture, and refocus transit capacity and development in core.

\$102 M Investment
2.2 Route Miles
Broke Ground May 2014
May 2016 Grand Opening



# Revenue Capture & Zero Fare as Path to Success

- Existing Missouri State Law existed to form special taxing district (Transportation Development District)
- Local financial strategy those who benefit pay
- Creates "win-win" cycle between project and business
- Zero Fare reduces barriers, increases use, and in-turn increases economic activity resulting in more revenues to support operations and maintenance over time.





#### STREETCAR BASICS

- FREE to ride! Just hop on!
- 10-12 minute frequency
- 4-car base service plan (boosted service during special events)
- Level boarding & ADA compliant design (level boarding through center doors)
- Stops every 2-3 blocks (only stops at designed stops, and only stops when requested)



## THE IMPACT....







### THE IMPACT....

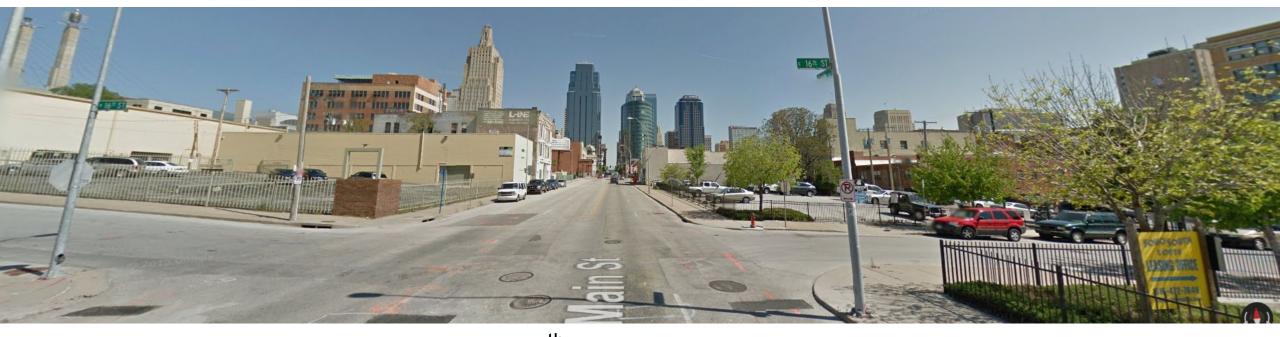


NE Corner of 19<sup>th</sup> & Main 2015

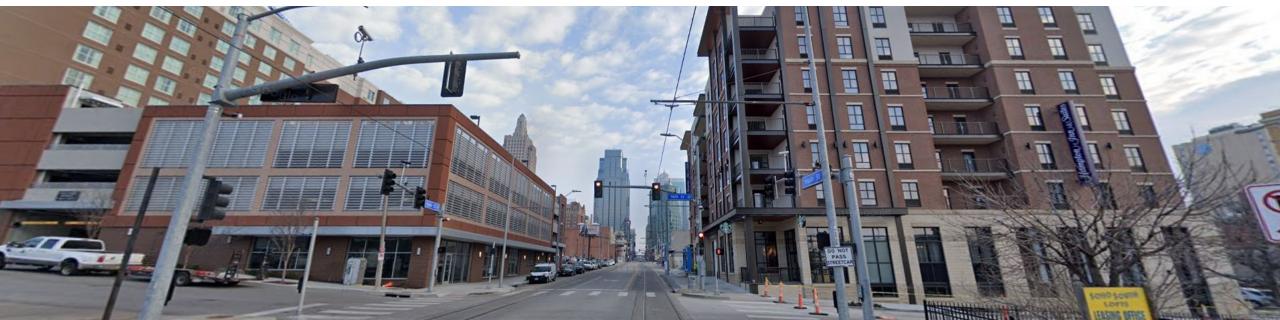


NE Corner of 19<sup>th</sup> & Main 2022

16<sup>th</sup> & Main - 2013



16<sup>th</sup> & Main - 2020



# WHO IS RIDING THE KC STREETCAR?

80%
KC METRO
RESIDENTS



\* According to an in-person survey conducted on-board the KC Streetcar in fall 2023 that resulted in 880 validated responses.

# WHERE ARE KC STREETCAR RIDERS GOING?



\* According to an in-person survey conducted on-board the KC Streetcar in fall 2023 that resulted in 880 validated responses.

# HOW ARE RIDERS USING THE KC STREETCAR?

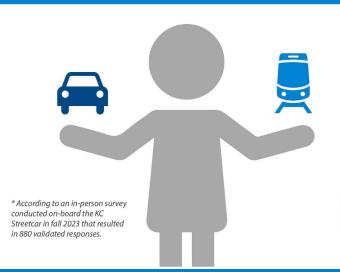


More than 61% of streetcar riders are SPENDING MONEY

(meaning they are dining, shopping, socializing, and/or visiting museums)

\* According to an in-person survey conducted on-board the KC Streetcar in fall 2023 that resulted in 880 validated responses.

#### **CHOICE** RIDERS



65%

of streetcar riders

CHOOSE TO RIDE

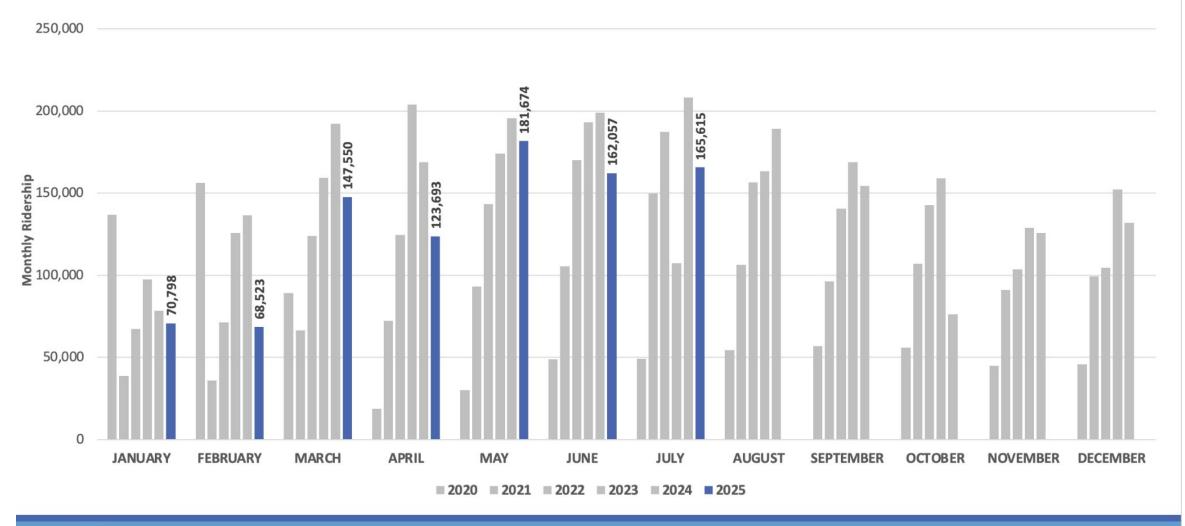
(meaning they have a vehicle available but choose to take the streetcar instead)

# CUSTOMER SATISFACTION



in fall 2023 that resulted in 880 validated responses.

#### RIDERSHIP COMPARISONS: 2020 - 2025





#### STREETCAR SYSTEM PARTNERS

- KANSAS CITY STREETCAR AUTHORITY (KCSA) Manages operations, maintenance, and communications; Sets direction for operational policy and structure
- HERZOG TRANSIT SERVICES INC. (HTSI) Supervisors, Operators, Maintenance
   Team; Responsible for daily execution of service and maintenance
- CITY OF KANSAS CITY, MISSOURI (KCMO) System owner, federal grantee, construction lead
- TRANSPORTATION DEVELOPMENT DISTRICT (TDD) Financial conduit (formed under Missouri state law)

# STREETCAR EXPANSIONS



#### **EXTENDING THE BENEFITS**

- New era of connectedness for City, midtown, and UMKC
- Connecting student housing, dense neighborhoods, and job centers
- Elevating the presence and viability of transit in every day life for thousands of Kansas Citians
- Reinforcing the City's core as the place people, jobs, and investment want to be

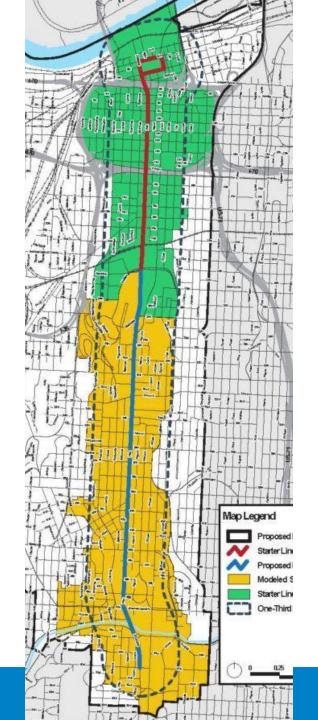




# LEVERAGING NEW LOCAL AND FEDERAL FUNDING

- 1. Expanded the Local Revenue Model
- 2. Main Street Extension Connecting the University, Plaza, and Midtown area (\$200M in federal grants; \$350M total)
- 3. Riverfront Extension Connecting to the new CPKC Stadium and surrounding development (\$14M Build Grant, \$10+M development revenue capture; \$61M total)

\$400M capital construction program underway funded via new investment - (No municipal funding or redirection required)



#### MAIN STREET EXTENSION DETAILS



\$350M CAPITAL COST



8 NEW STREETCARS (6 PREVIOUSLY)



3.5 MILES
(2.2 MILE
STARTER LINE)



EXPANDED

VEHICLE MAINTENANCE

FACILITY



**DEDICATED**TRANSIT LANES



**12,000** AVERAGE DAILY RIDERS PROJECTED

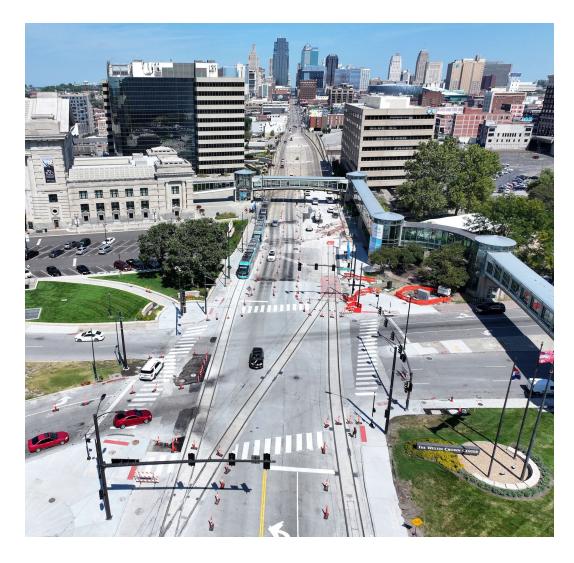
#### MAIN STREET EXTENSION – NEW VEHICLES

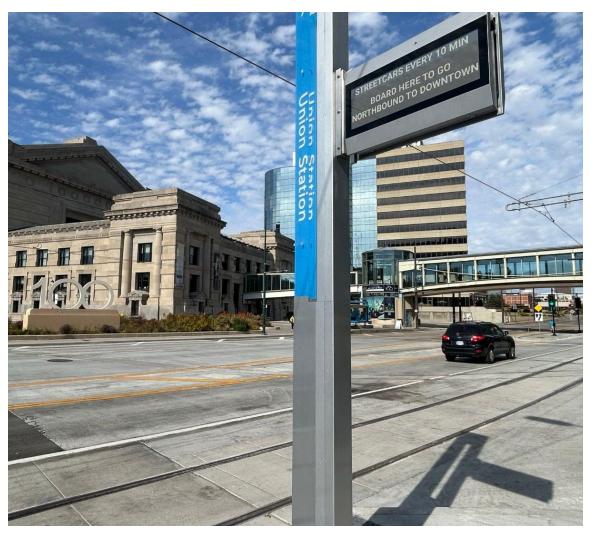
#### Streetcar Vehicle Upgrades:

- Passenger Information System modernization
- Exterior lighting
- Door push buttons
- Train-to-Wayside Communication
- Advanced Driver Assistance System (ADAS)
- Dampers on flip-up seats
- Compressor upgrades
- Truck (bogie) upgrades

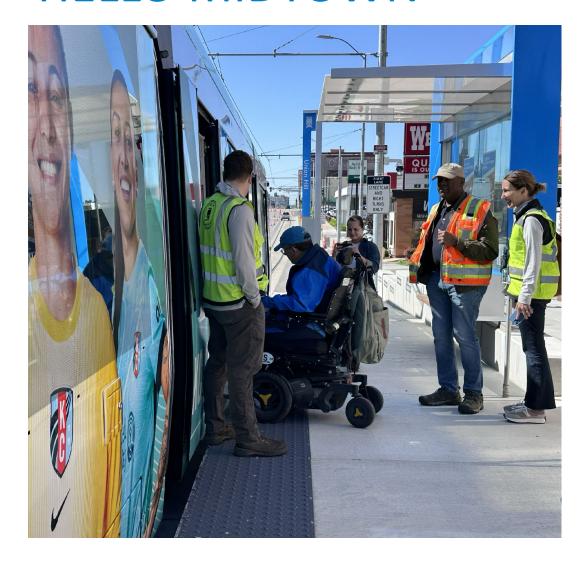


#### MAIN STREET EXTENSION – PERSHING CROSSOVER





#### **HELLO MIDTOWN**





### **HELLO PLAZA**



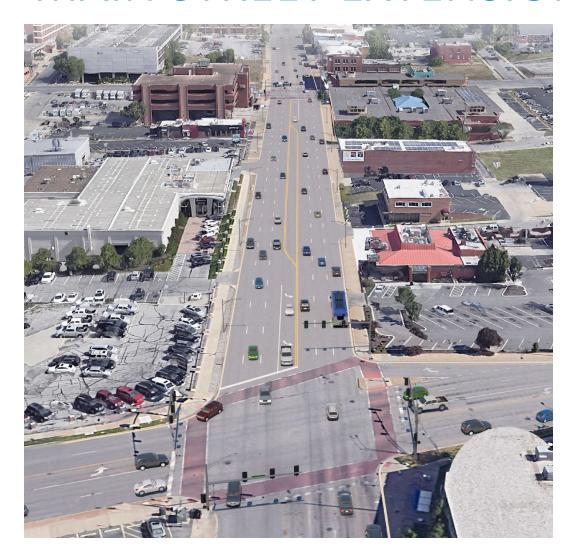


### **HELLO UMKC**



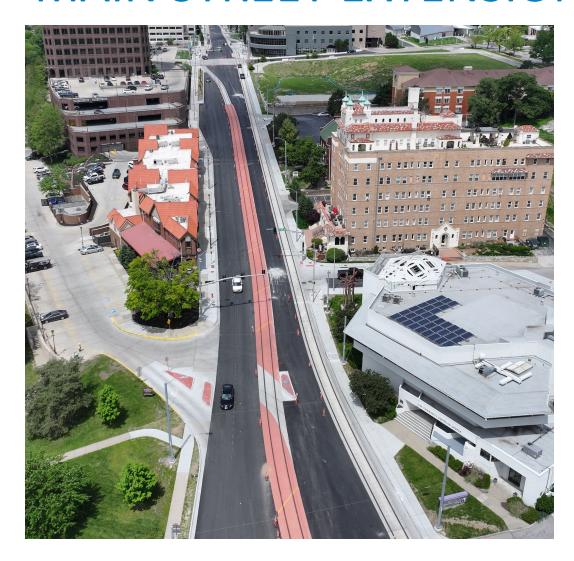


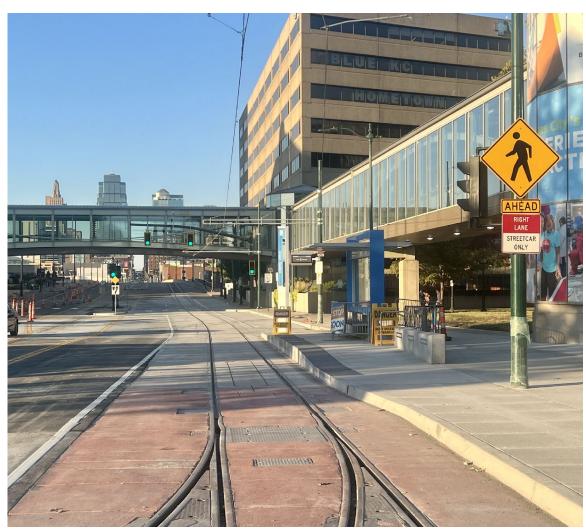
#### MAIN STREET EXTENSION – CORRIDOR MODS





#### MAIN STREET EXTENSION – EXCLUSIVE LANES





#### MAIN STREET EXTENSION – EXCLUSIVE LANES

#### **Understanding Lane Markings**

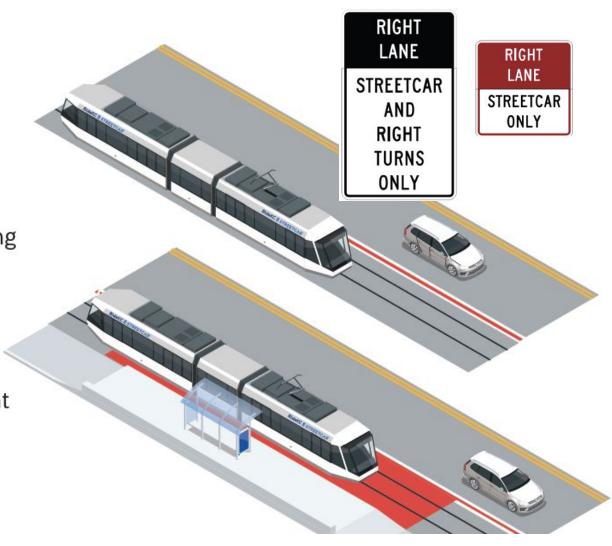
#### TRANSIT-ONLY ZONE:

#### SOLID WHITE/RED/WHITE LINE

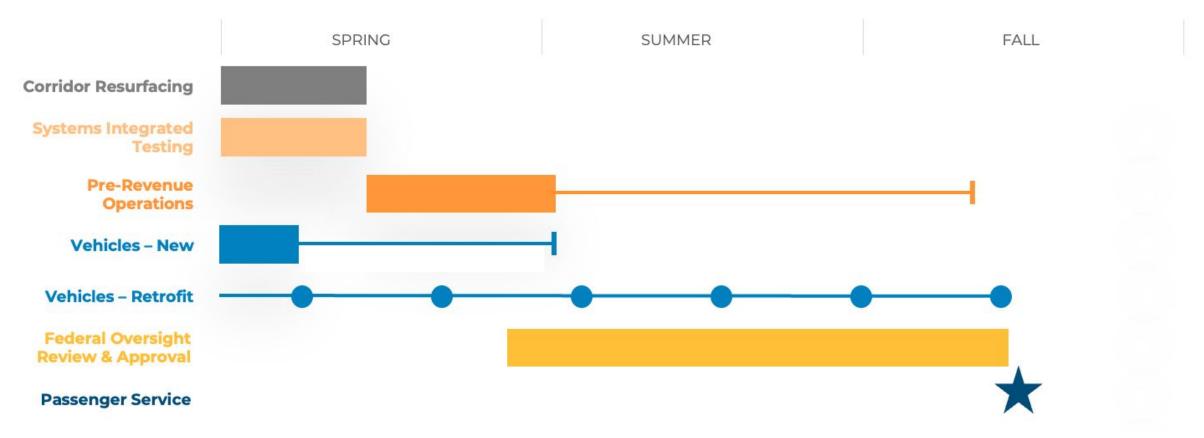
Motor vehicle traffic is prohibited from driving in, and accessing, this lane at all times.

#### SOLID RED FILLED ZONE

Similar to the white/red/white lines, this solid red lane defines a transit-only area and are located at stops, intersections, and at the endpoints of an exclusive lane.



#### Main Street Extension



Anticipated Fall 2025 Opening

#### RIVERFRONT EXTENSION DETAILS



**\$61M**CAPITAL COST



5-MIN WALK TO CPKC STADIUM



.7 MILES
6.5 MILE FUTURE
SYSTEM



**NEW YARD LEAD**FOR EFFICIENT OPERATIONS



**DEDICATED**GUIDEWAY



**12,000** AVERAGE SYSTEM DAILY RIDERS PROJECTED

#### RIVERFRONT EXTENSION – DETAILS



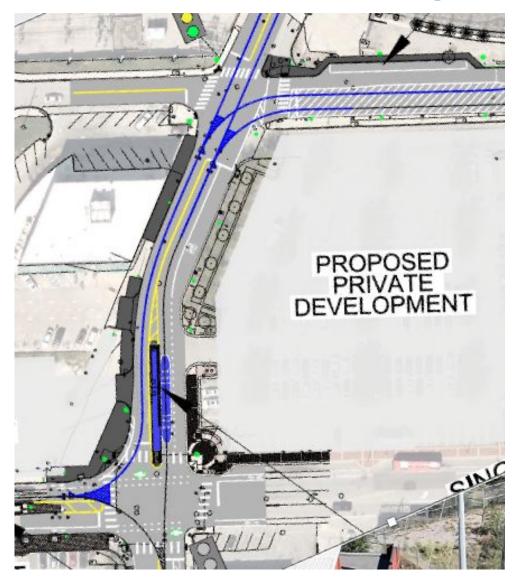


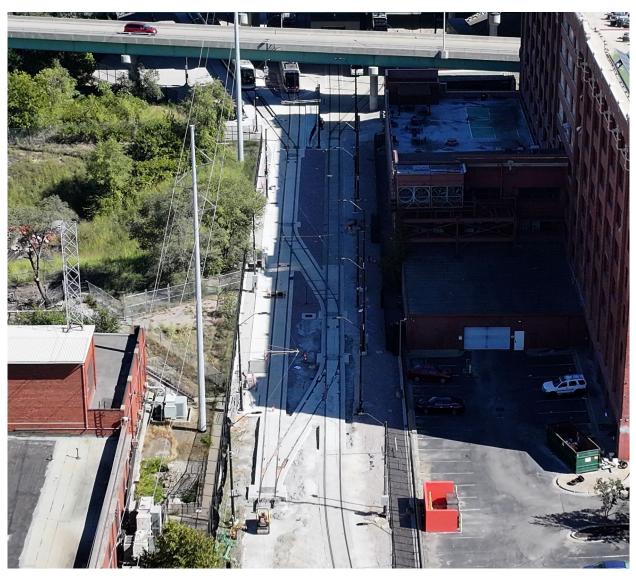
#### RIVERFRONT CONSTRUCTION



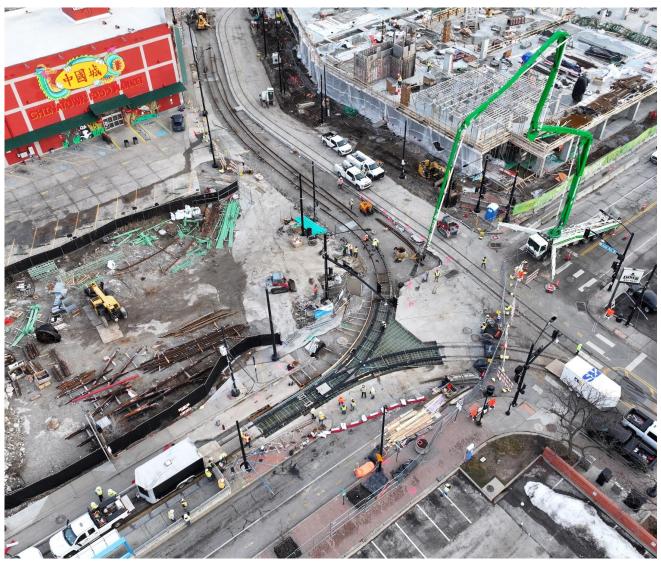


#### **NEW YARD AND NON-REVENUE CONNECTION**

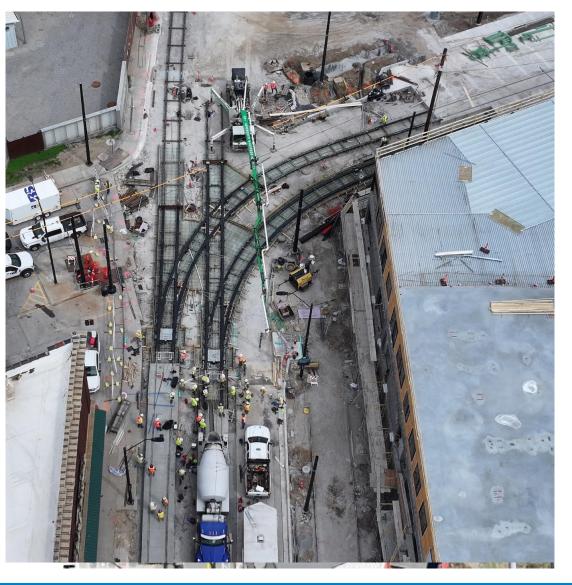


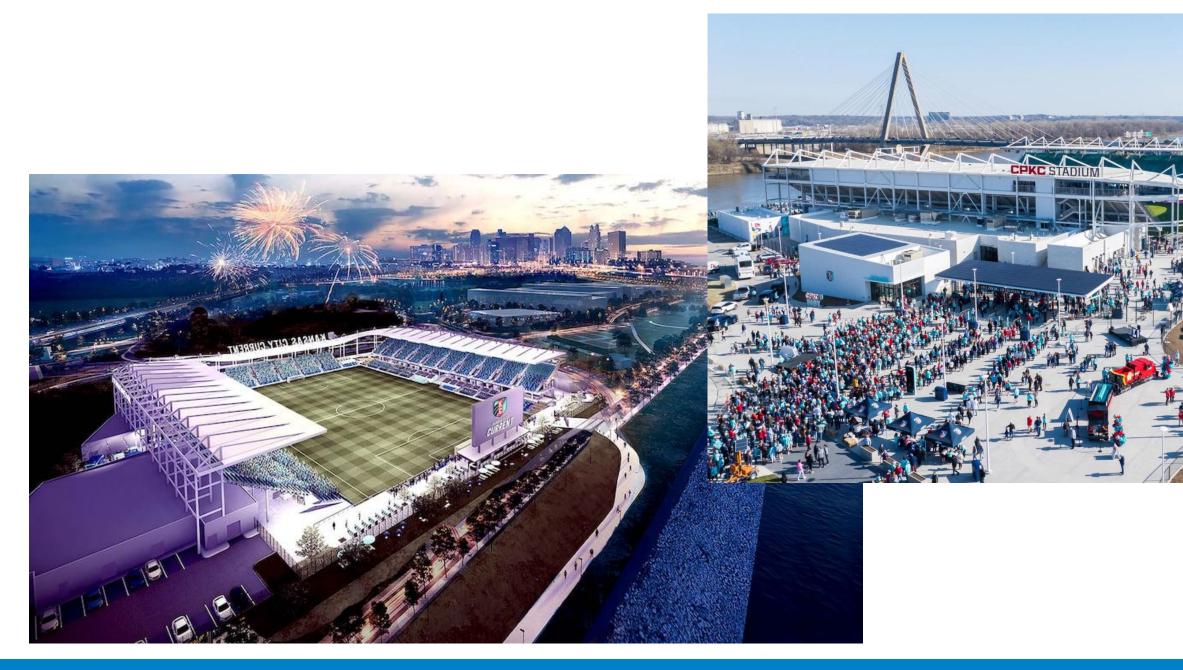


# 3<sup>rd</sup> & Grand Connection



# 2<sup>nd</sup> & Grand





## Regional Smart Moves Plan

# Moving Forward.... Potential Future Rapid Transit Corridors

- Study Bi-State Sustainable Corridor (BRT)
- Study Midtown East-West (Streetcar)
- Study NorthRail (Streetcar)
- Study 18<sup>th</sup> St (Streetcar)
- Future South KC
- Future Johnson County

