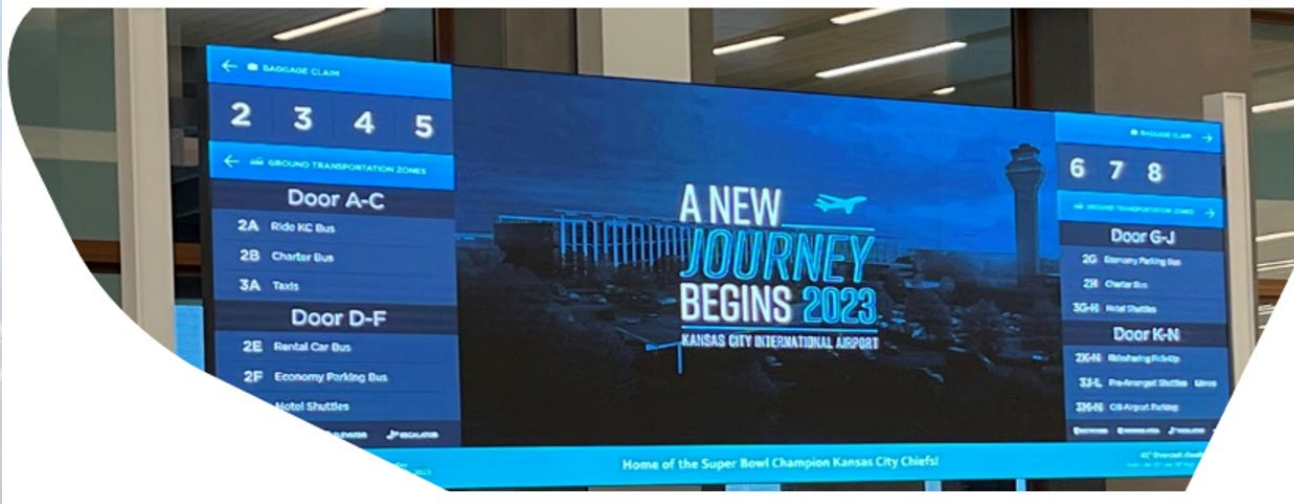


KCI Airport Transit Service Action Plan

MARC Board Meeting
December 19, 2023



Plan Overview

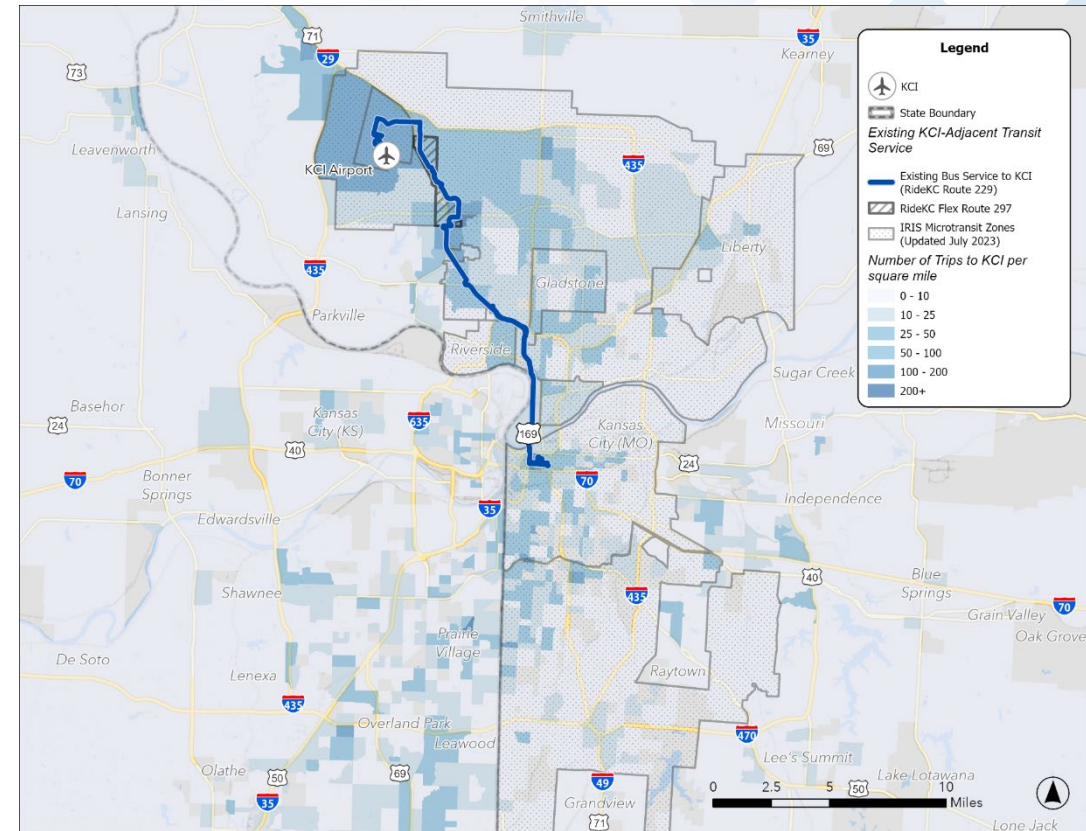
- **Objective: Identify regional transit service investment strategies**
 - Supporting growth in KCI travel and employment
 - Focused on short-term implementation
 - Entire KC metro area region
 - Feasible, effective, scalable for large events
- **Six-month process**
 - Assess market opportunities and needs
 - Evaluate potential service alternatives
 - Develop potential implementation strategies for various regional opportunities



Demand for Public Transit to KCI

- Data-driven analysis of travel demand
- Stakeholder / public outreach feedback
- Peer cities assessment

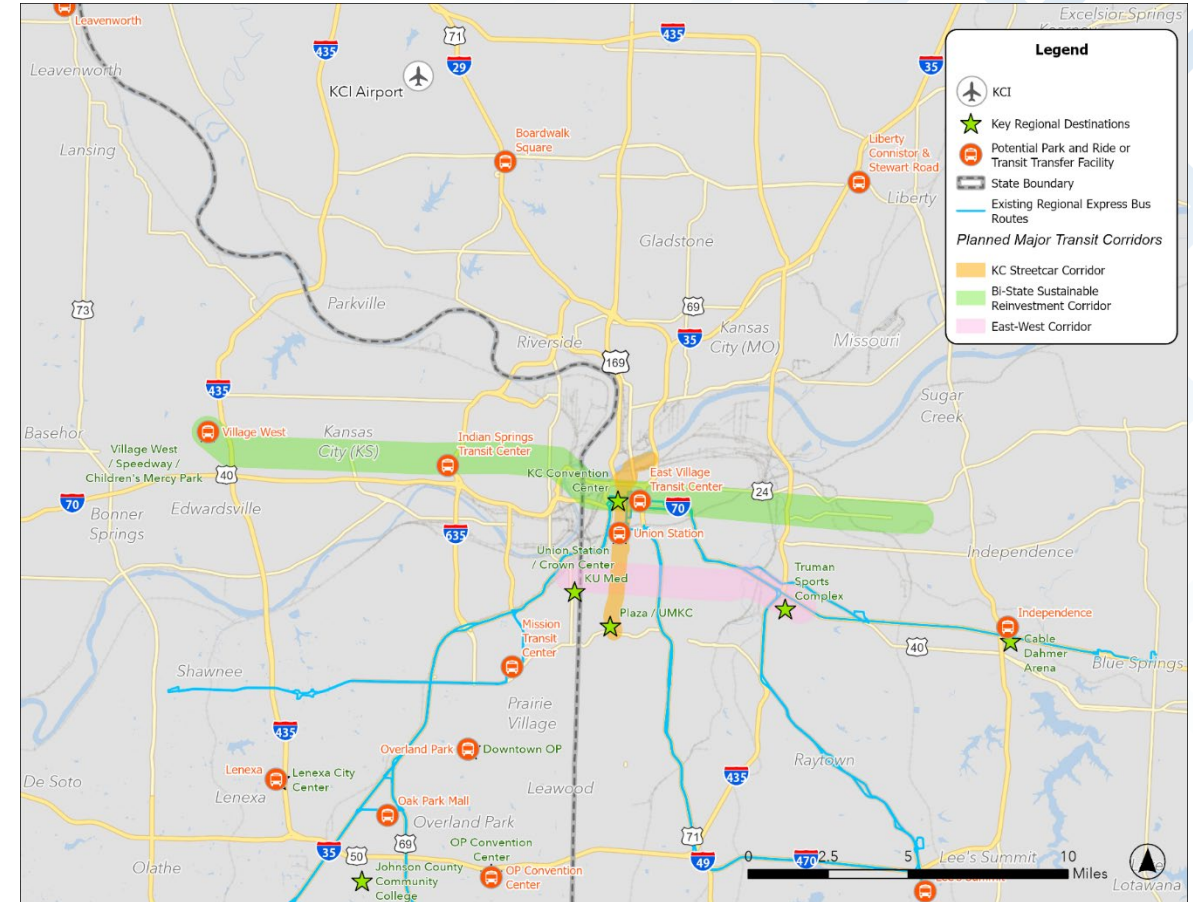
KCI Employee Needs	KCI Traveler Needs
<ul style="list-style-type: none">• Improved frequency (30- or 15-minute)• Better alignment w/ shift times• Free / affordable fares• Wider geographic coverage than just I-29• Access to employee pools beyond KCMO / Northland• Improved safety / perception of safety• Competitive travel time w/ driving + parking	<ul style="list-style-type: none">• Express (no interim stops)• Frequent• Consistent / reliable• Cost-effective (not necessarily free)• Baggage-accessible buses• Convenient pick-up/drop-off at both ends• Connections to regional transit (streetcar)• Clean / safe• Well-advertised / branded



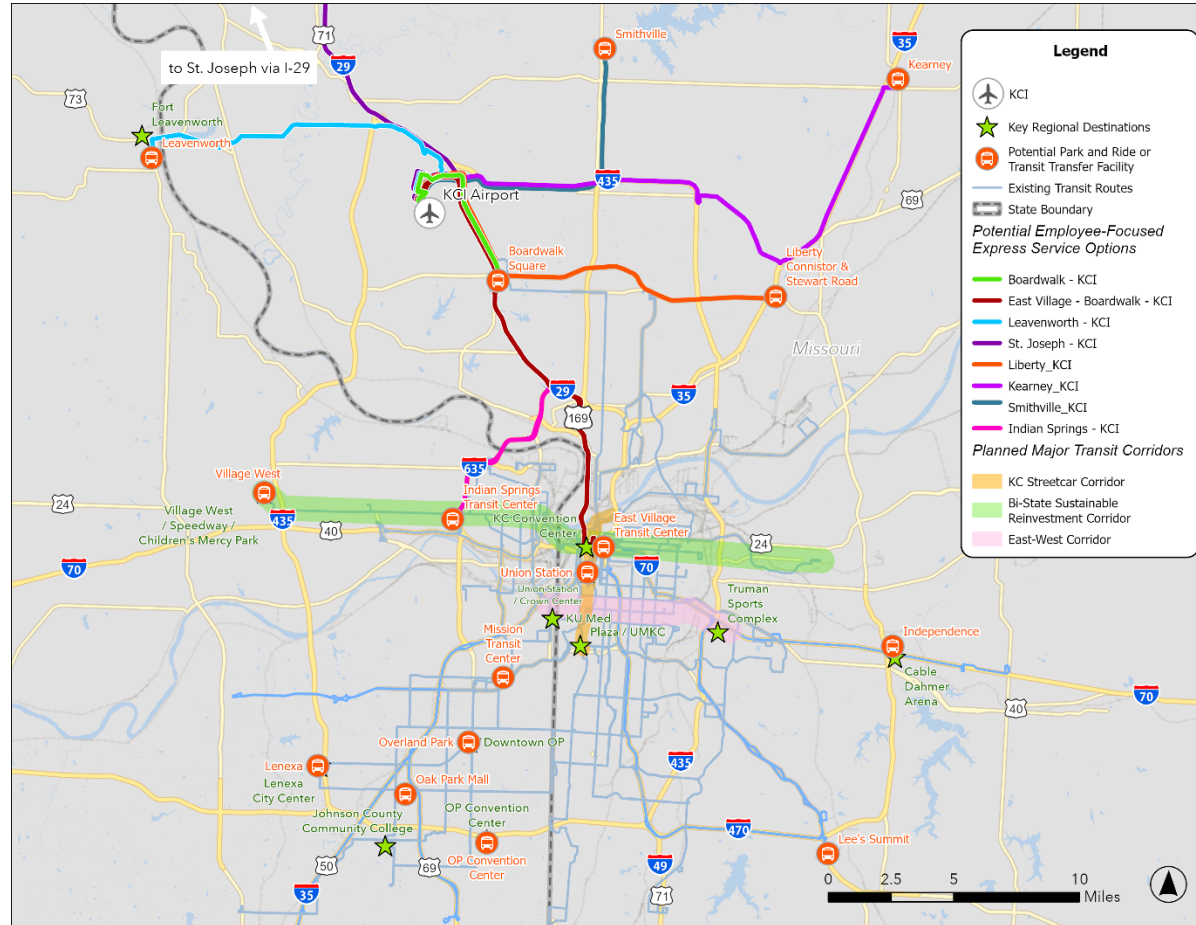
Estimated Daily Trips to KCI (per sq mi)

Service Alternatives and Evaluation

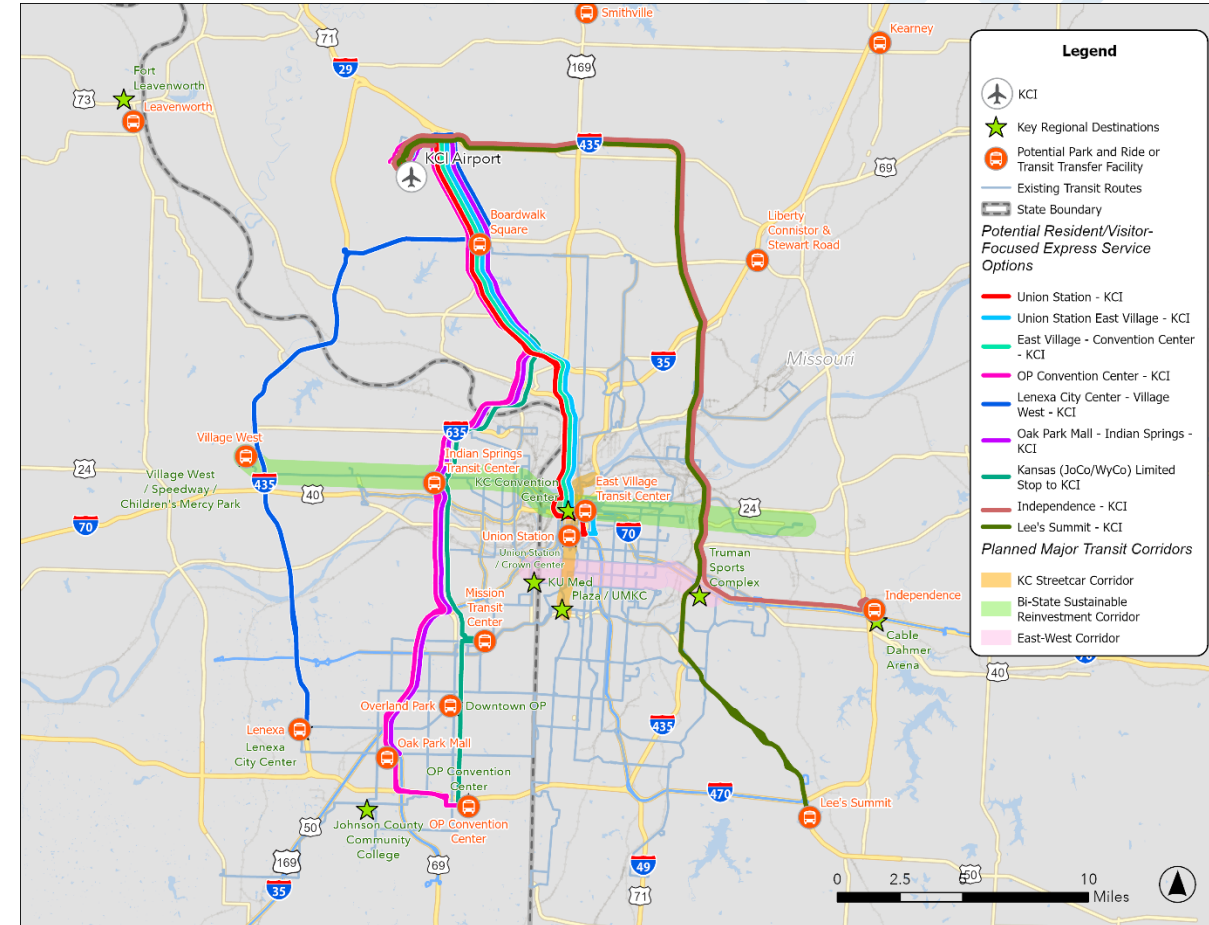
- Modes considered – local bus, express bus, microtransit
- Rail considerations
- Connections to major regional transit investments
- Alternatives development
 - KCI employees vs. KCI travelers
- Evaluation
 - Travel time competitiveness
 - Potential rider shed – metro area residents/jobs, hotel rooms, KCI employee home locations
 - Planning-level capital and O&M costs



Service Alternatives and Evaluation



KCI Employee-Focused Express Bus Alternatives



KCI Traveler-Focused Express Bus Alternatives

- Routes / stops
 - Pick-up and drop-off points
- Service span / frequency
- Fleet
- Additional capital investments
 - Amenities at pick-up/drop-off
 - Vehicle storage / fueling / maintenance
- Advertising / branding



Service Implementation

- Cost estimate
 - Capital – fleet, signage/amenities, advertising
 - Operations
- Funding opportunities
 - Local / regional / federal
 - Fares
 - Partnerships
- Scalability
- Title VI considerations

Route	Fleet Costs (\$M)		Total Capital Cost (\$M)*	Annual O&M Cost (\$M)	10-Year Program Cost (\$M)
	Buses Needed (incl/ Spares)	Fleet Cost (Diesel / CNG)			
Union Station - KCI	4	\$2.6	\$6.6	\$3.7	\$51.0
East Village - Convention Center - KCI	5	\$3.3	\$7.3	\$4.6	\$62.5
East Village - Union Station - KCI	5	\$3.3	\$7.3	\$4.5	\$61.3
OP Convention Center - KCI	5	\$3.3	\$7.3	\$5.9	\$78.1
OP Convention Center - Indian Springs - KCI	5	\$3.3	\$7.3	\$6.0	\$79.3
Lenexa City Center - KCI	5	\$3.3	\$7.3	\$5.6	\$74.5
Lenexa City Center - Village West - KCI	5	\$3.3	\$7.3	\$5.8	\$76.9

**Total capital cost includes additional capital costs (pick-up/drop-off amenities, promotion of service)*

Next Steps

- Identify lead agency(s)
- Identify funding source(s)
- Identify service operator(s)
- Procure vehicles
- Secure commitment for termini locations
- Capital improvements at termini
- Advertising/promotion
- Begin operations



Draft plan is being shared with jurisdictional partners (Project Advisory Team) late December / early January 2024.