

# KCI Airport Transit Service Action Plan

MARC Total Transportation Policy Committee and Board of Directors  
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**Kansas City Area  
Transportation Authority**




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## The Kansas City Region Is Ready For Takeoff!

- Kansas City is elevating its profile as a destination city
  - **New KCI terminal** in 2023
  - Investments in convention hotel and other visitor amenities
  - Major events – NFL Draft, FIFA World Cup, conventions
  - Additional jobs and development of job centers
  - Recent transit success stories → desire for next big win
- Need to serve daily workers, visitors, and residents
  - Readily expanded for major events
- Need to connect KCI to key regional activity centers

*The time is now for a reliable, accessible **public transit system** that serves KCI and key destinations around the region.*



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## 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



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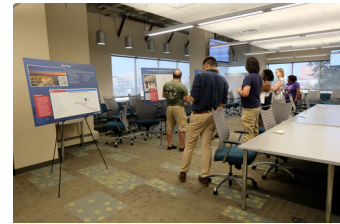
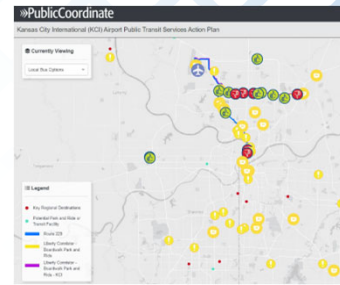
## Key Partners

- Cities: Kansas City, Missouri; Unified Government of Wyandotte Co./KCK; Overland Park, Independence, Riverside, Leavenworth
- Counties: Jackson, Platte, Clay, Wyandotte, Johnson, Leavenworth
- KC aviation; other key local and state government agencies
- Transit providers: KCATA, UG, JOCO Transit, Independence and KC Streetcar
- Chambers of Commerce and other civic, business and industry leaders (Wyandotte County EDC and others)
- Visit KC/KCK, KC Sports Commission, local World Cup planning team
- General public

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# Public and Stakeholder Engagement

- Project Advisory Team
- Focus group workshops
  - Civic / chamber
  - Event planning / ridesharing
  - Hotel / lodging
  - KCPD
  - Public safety
  - Sports / entertainment
  - Transportation
- Targeted 1-on-1 conversations
- Pop-up events
  - NFL Draft
  - KCI baggage claim during major convention
  - KCI employee lot
  - City Market, OP Farmers Market, First Fridays
- Public open house
- Online interactive map / survey



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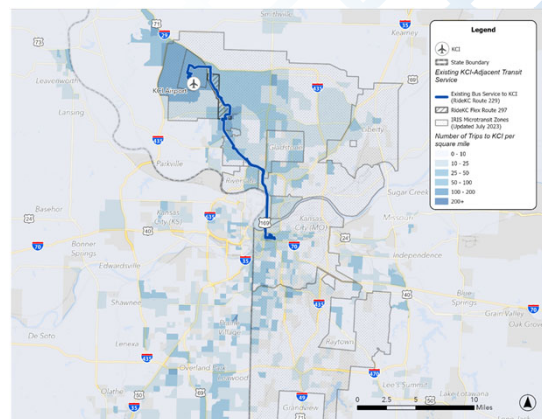
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# Demand for Public Transit to KCI

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



*Estimated Daily Trips to KCI (per sq mi)*

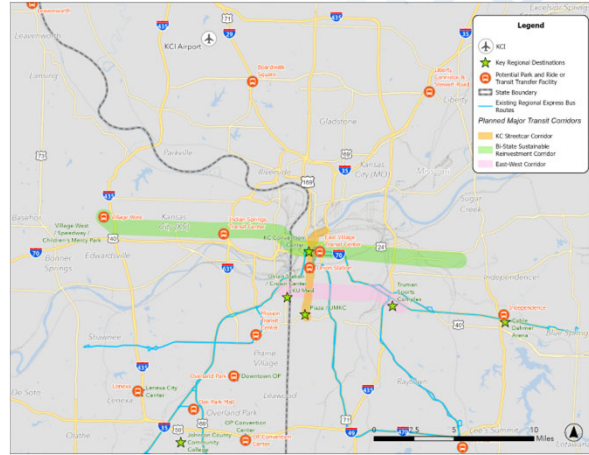
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# Service Alternatives and Evaluation

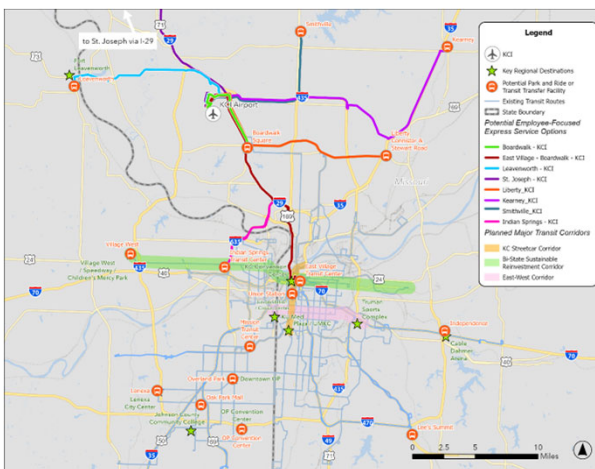
- Modes considered – local bus, express bus, microtransit
- Rail considerations
- Connections to major regional transit investments
- Alternatives development
  - KCI employees vs. KCI travelers
- Evaluation
  - Travel time competitiveness
  - Potential rider shed – metro area residents/jobs, hotel rooms,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



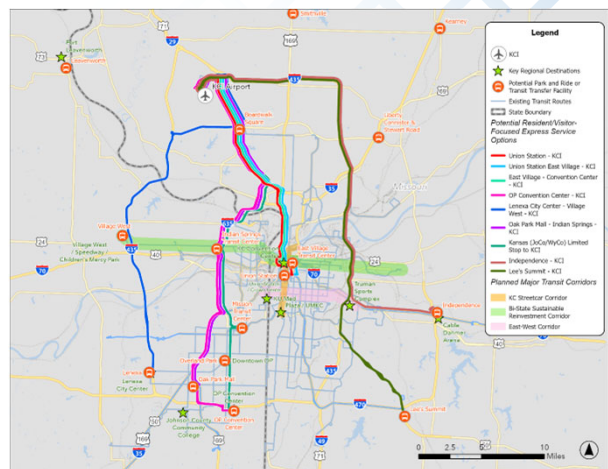
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# Service Alternatives and Evaluation



KCI Employee-Focused Express Bus Alternatives



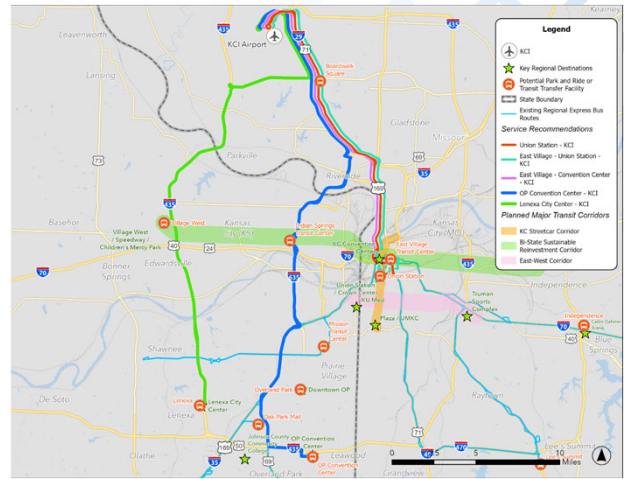
KCI Traveler-Focused Express Bus Alternatives

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## Service Implementation

- 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



Starter Route Recommendations

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## 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 (Range, \$M)*	Annual O&M Cost (\$M)	10-Year Program Cost (\$M)
	Buses Needed (incl/ Spares)	Fleet Cost - Low (Diesel)	Fleet Cost - High (Electric)			
Union Station - KCI	4	\$2.6	\$4.8	\$6.6 - \$8.8	\$3.7	\$52.1
East Village - Convention Center - KCI	5	\$3.3	\$6.0	\$7.3 - \$10	\$4.6	\$63.9
East Village - Union Station - KCI	5	\$3.3	\$6.0	\$7.3 - \$10	\$4.5	\$62.7
OP Convention Center - KCI	5	\$3.3	\$6.0	\$7.3 - \$10	\$5.9	\$79.5
OP Convention Center - Indian Springs - KCI	5	\$3.3	\$6.0	\$7.3 - \$10	\$6.0	\$80.7
Lenexa City Center - KCI	5	\$3.3	\$6.0	\$7.3 - \$10	\$5.6	\$75.9
Lenexa City Center - Village West - KCI	5	\$3.3	\$6.0	\$7.3 - \$10	\$5.8	\$78.3

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

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## 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.*