

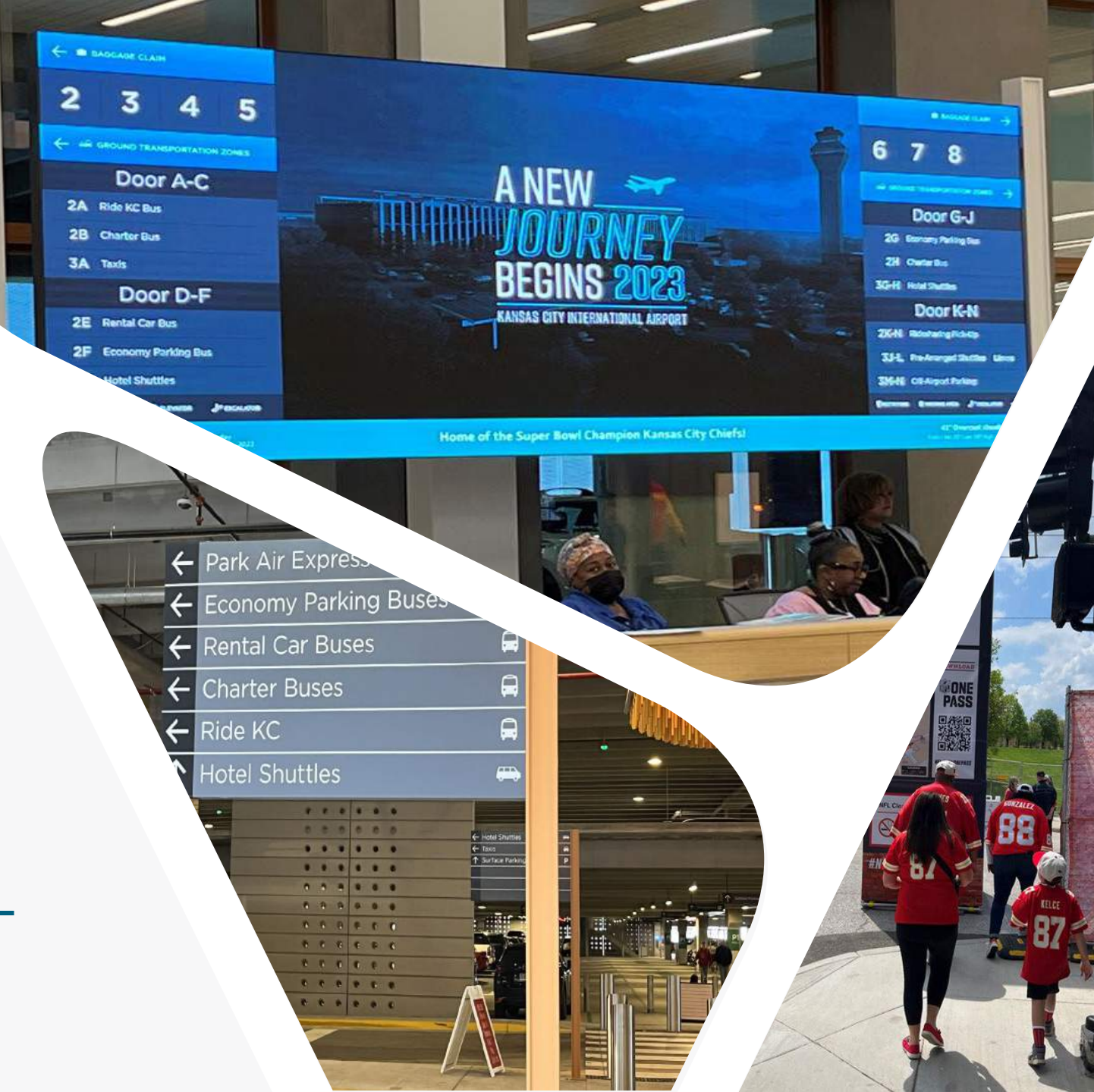
KCI Airport Transit Service Action Plan

October 6, 2023



KCI Airport Public Transit Services Action Plan

1. Project Overview
2. Engagement Summary
3. Alternatives Evaluation – Preliminary Screening
4. Next Steps

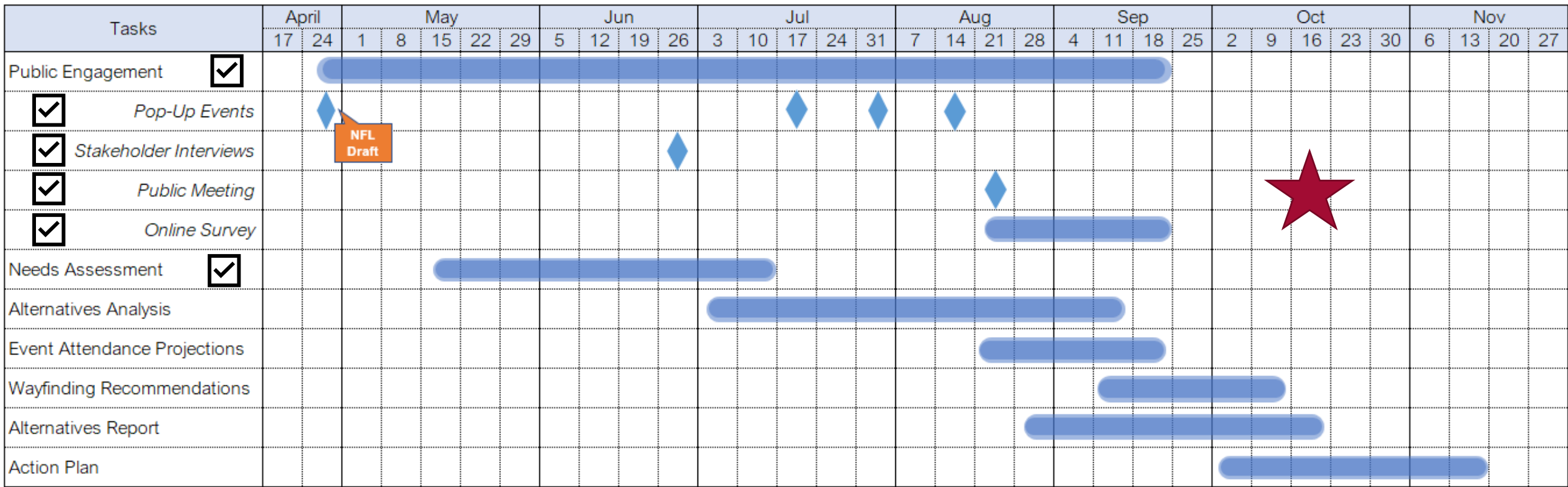


Project Overview

To identify the role of transit at KCI to provide potentially flexible, scalable services for a variety of potential users:

- Residents and Guests
- Employees at KCI
- Business Travelers
- Visitors
- Special Event Attendees / Conferences / Conventions
 - Small Events (20k visitors)
 - Medium Events (50k visitors)
 - Large Event (100k visitors)
 - 2026 World Cup





NFL Draft



Public and Stakeholder Engagement

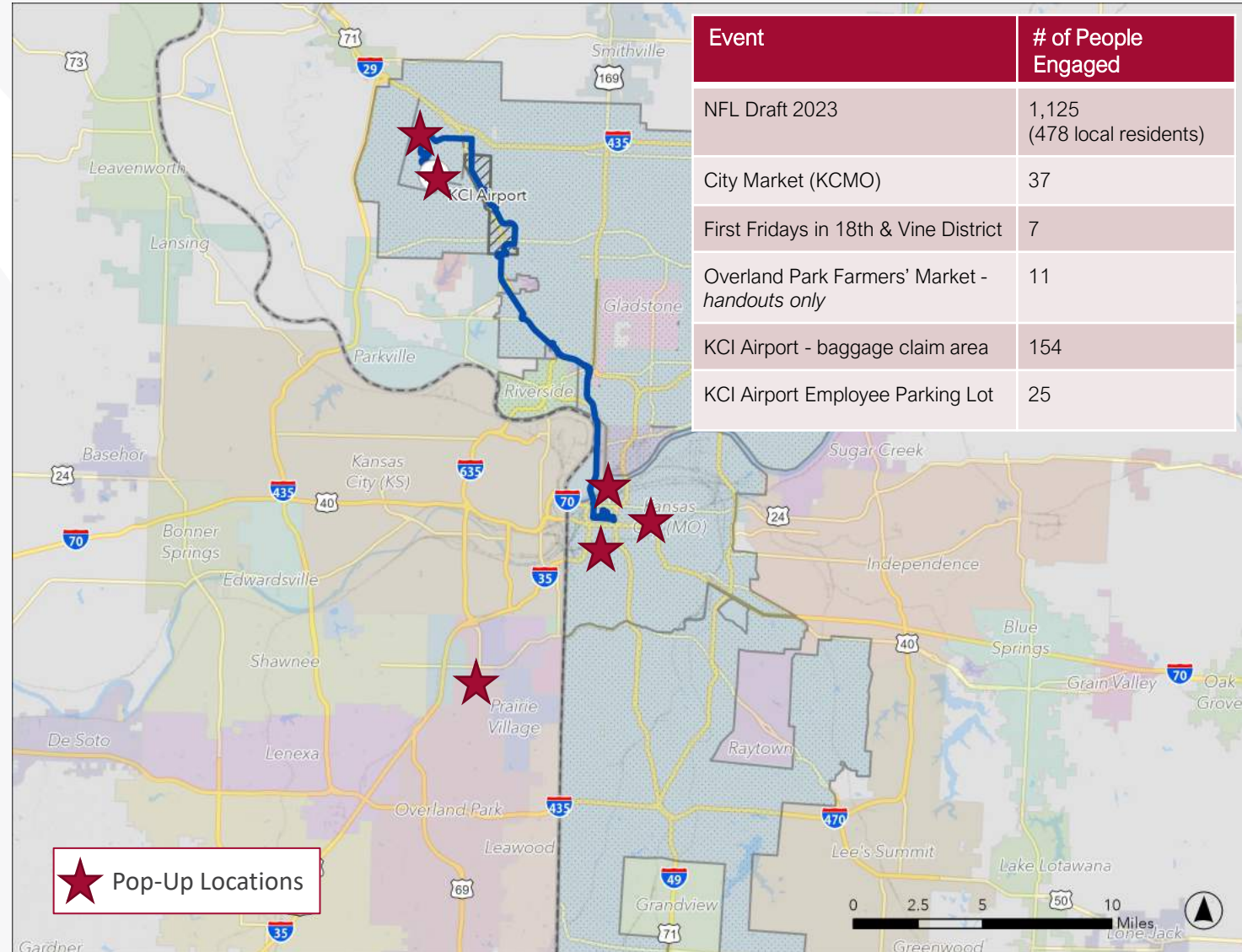
- Stakeholder interviews – *late Jun/early Jul*
- Pop-ups
 - NFL Draft – 4/27
 - City Market – 7/22
 - First Friday/18th & Vine – 8/4
 - OP Farmers Market – 8/12
 - KCI Baggage Claim (Fire/Rescue Convention) – 8/15
 - KCI Employee Lot – 8/29
- Public open house – 8/22
 - Online interactive map
 - Online survey

Stakeholder Interviews – General Findings

- Existing Route 229 service is inadequate for most employees incl/ off-airport property
 - Frequency
 - Alignment w/ shift times
 - Areas served
- Visitors/business travelers want
 - Express (i.e., point-to-point)
 - Frequent / consistent / reliable
 - Cost-effective
 - Baggage-accessible
 - Clean / safe
- World Cup offers opportunities for testing new service in advance, legacy projects
- At times:
 - Rental cars unavailable
 - Garage parking near capacity
 - TNC's aren't available / surge pricing
 - Driver shortage for Cars-for-Hire
- Limited *concentrated* demand for transit access to airport outside of downtown KCMO
- General transit needs/concerns
 - Safety concerns w/ fare-free
 - Shortage of CDL drivers
 - Hospitality industry/airport concessions struggling to compete for employees
 - East-west connectivity in region

Pop-Up Events – What We Heard

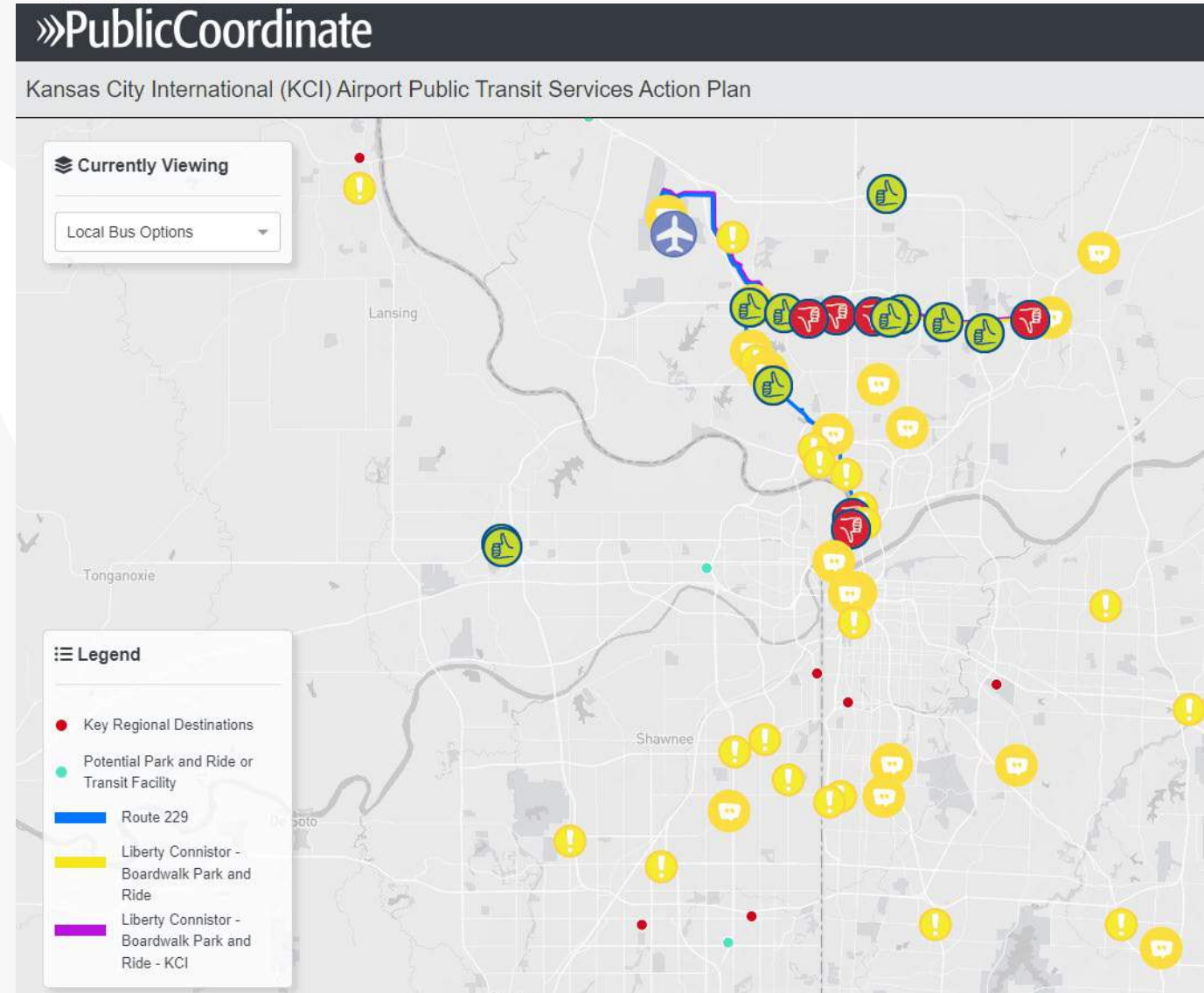
- Nearly 1,400 people engaged
- Support from local residents for expanded public transit to KCI
- Visitors *expecting* to have multiple options available; currently very few *using* transit
- KCI predominantly being accessed via auto:
 - Drive → park
 - Friend/family drop-off/pick-up
 - Uber/Lyft/taxi
 - Rental cars
- Some KCI employees would consider transit if faster/more efficient and if it served more destinations
- Major events are heavy *regional* draw (i.e., driving in from several hours away)



Online Interactive Map – What We Heard

*Detailed results
in next 5 slides*

- Nearly 150 comments posted
- Employee-focused service
 - Service hours need to match KCI workers' hours
 - Mixed support for Barry Road / Liberty corridors – stronger support for Express than local
 - Limited/no comments re: Leavenworth / St Joseph
- Resident/visitor-focused service
 - Strong support for Union Station
 - Mixed support for various KS options
 - Scattered requests to explore options across metro area (especially south/east)
 - Emphasis on convenience / ease of use; clean / safe / on-time / comfortable
 - Emphasis on connection to streetcar



Online Interactive Map Screen Captures

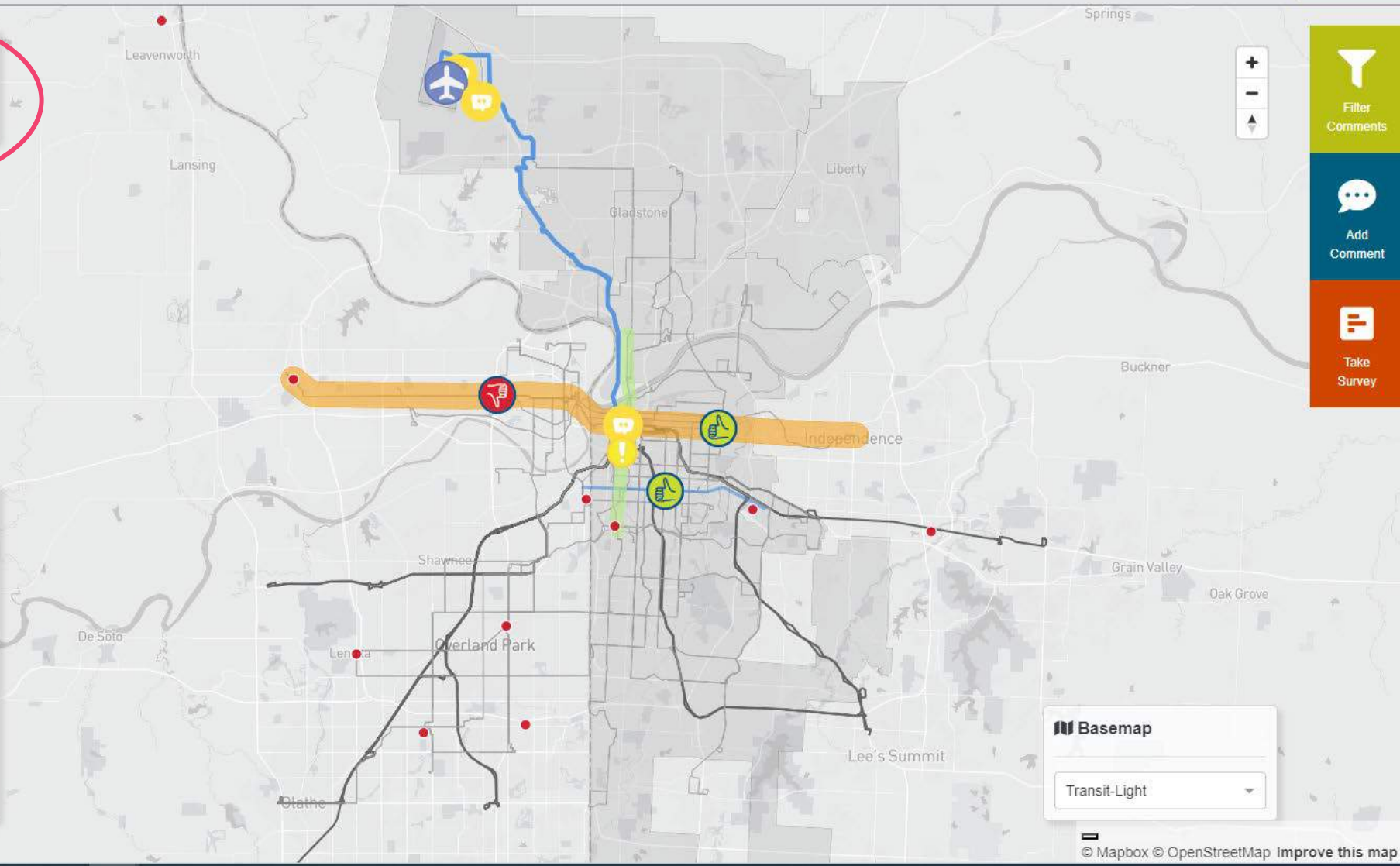


Currently Viewing

Existing Transit Service

Legend

- Key Regional Destinations
- RideKC Route 229 (Existing KCI Service)
- KC Streetcar Corridor
- East-West Transit Study Area
- BiState Corridor
- RideKC Local Bus



Filter Comments

Add Comment

Take Survey

Add Comment

Add Point Comment

- Add service to KCI from here
- I like this idea
- I dislike this idea
- Other Comment

Basemap

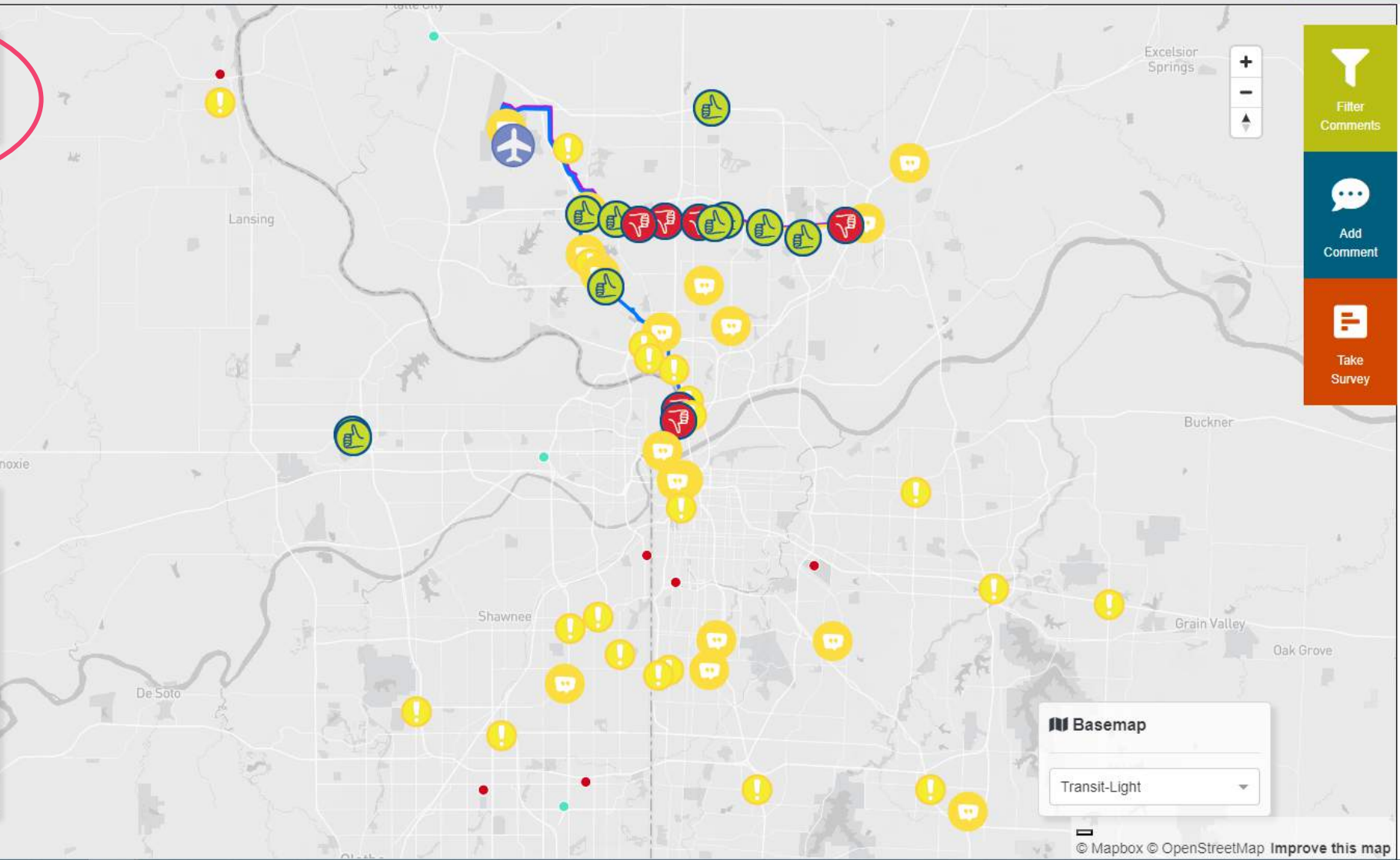
Transit-Light

Currently Viewing

Local Bus Options

Legend

- Key Regional Destinations
- Potential Park and Ride or Transit Facility
- Route 229
- Liberty Connistor - Boardwalk Park and Ride
- Liberty Connistor - Boardwalk Park and Ride - KCI



Filter Comments

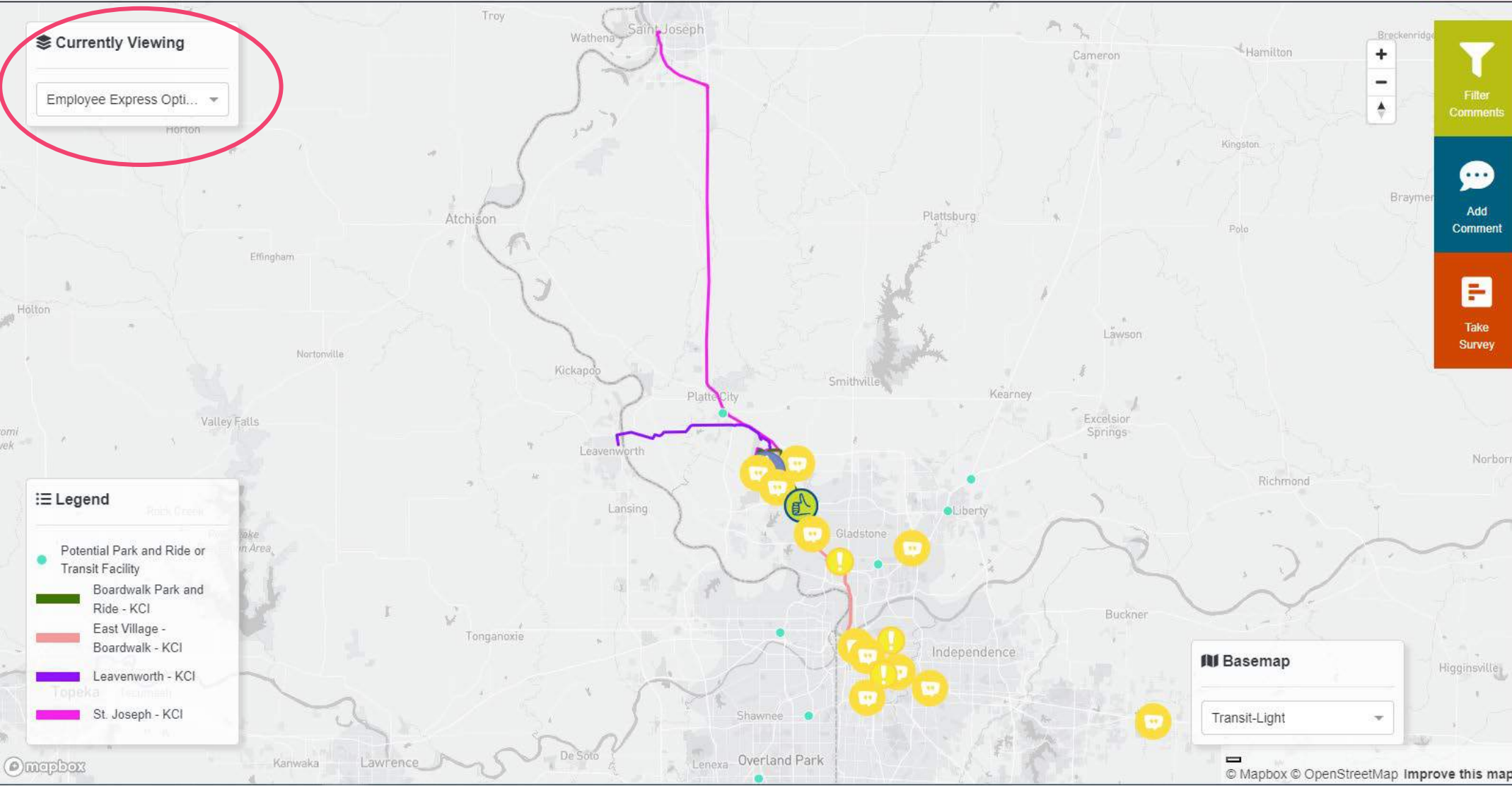
Add Comment

Take Survey

Add Comment

Add Point Comment

- ! Add service to KCI from here
- 👍 I like this idea
- 👎 I dislike this idea
- 💬 Other Comment



Currently Viewing

Employee Express Opti...

Legend

- Potential Park and Ride or Transit Facility
- Boardwalk Park and Ride - KCI
- East Village - Boardwalk - KCI
- Leavenworth - KCI
- St. Joseph - KCI

Add Comment

Add Point Comment

- Add service to KCI from here
- I like this idea
- I dislike this idea
- Other Comment

Filter Comments

Add Comment

Take Survey

Basemap

Transit-Light

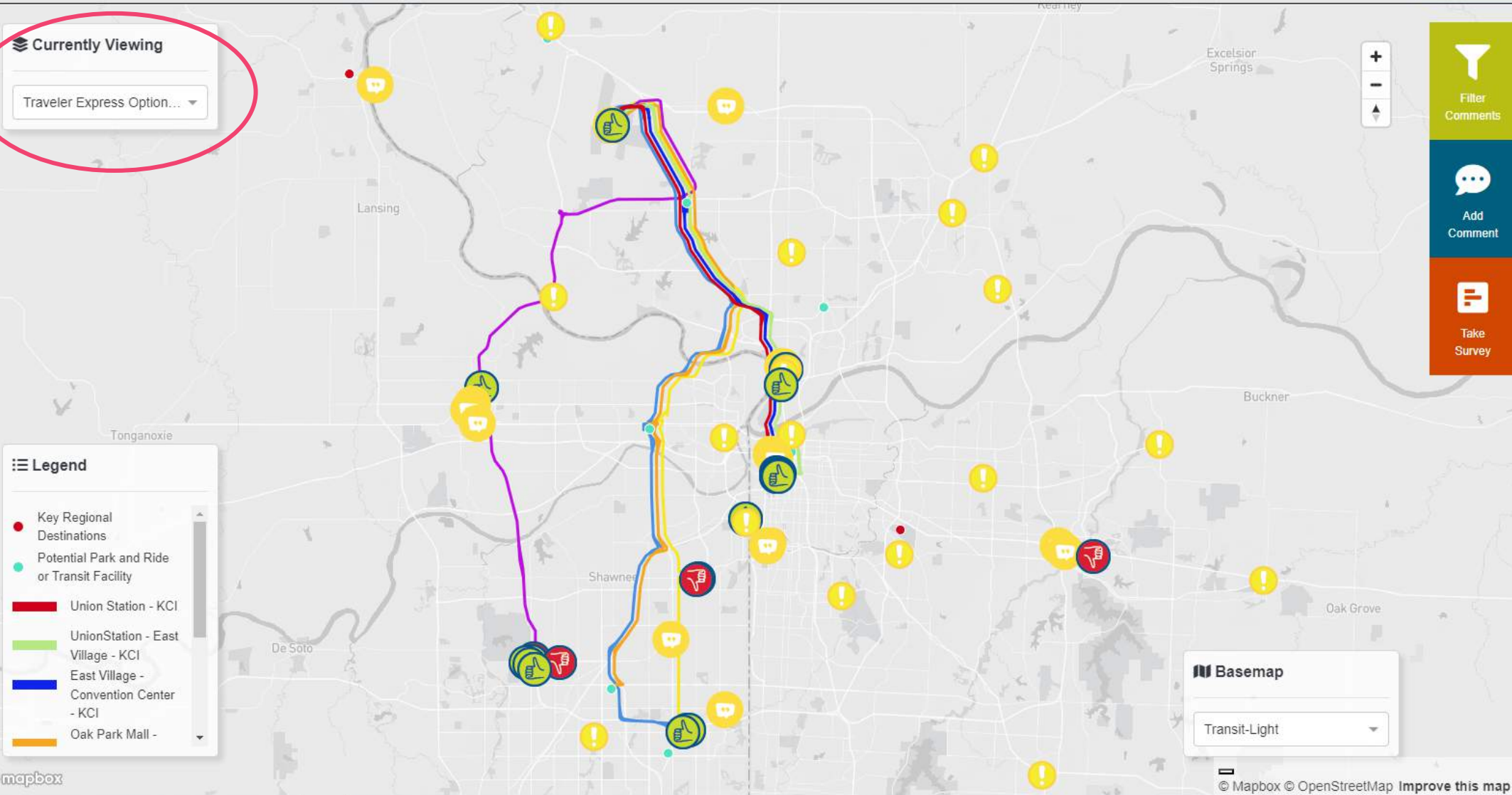
Kansas City International (KCI) Airport Public Transit Services Action Plan

Currently Viewing

Traveler Express Option...

Legend

- Key Regional Destinations
- Potential Park and Ride or Transit Facility
- Union Station - KCI
- UnionStation - East Village - KCI
- East Village - Convention Center - KCI
- Oak Park Mall -



Filter Comments

Add Comment

Take Survey

Add Comment

Add Point Comment

- Add service to KCI from here
- I like this idea
- I dislike this idea
- Other Comment

Basemap

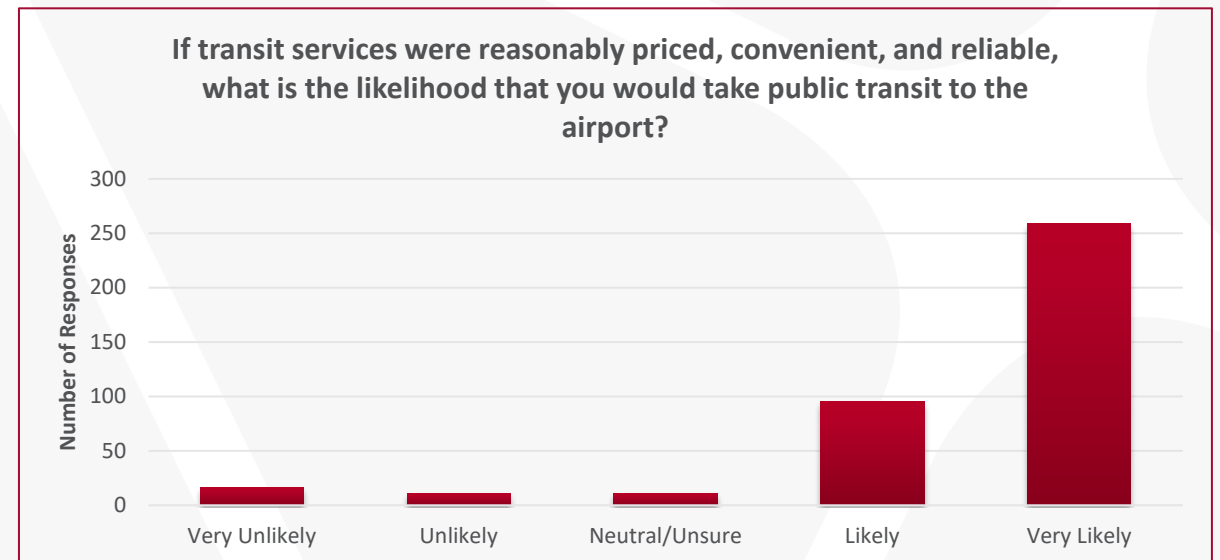
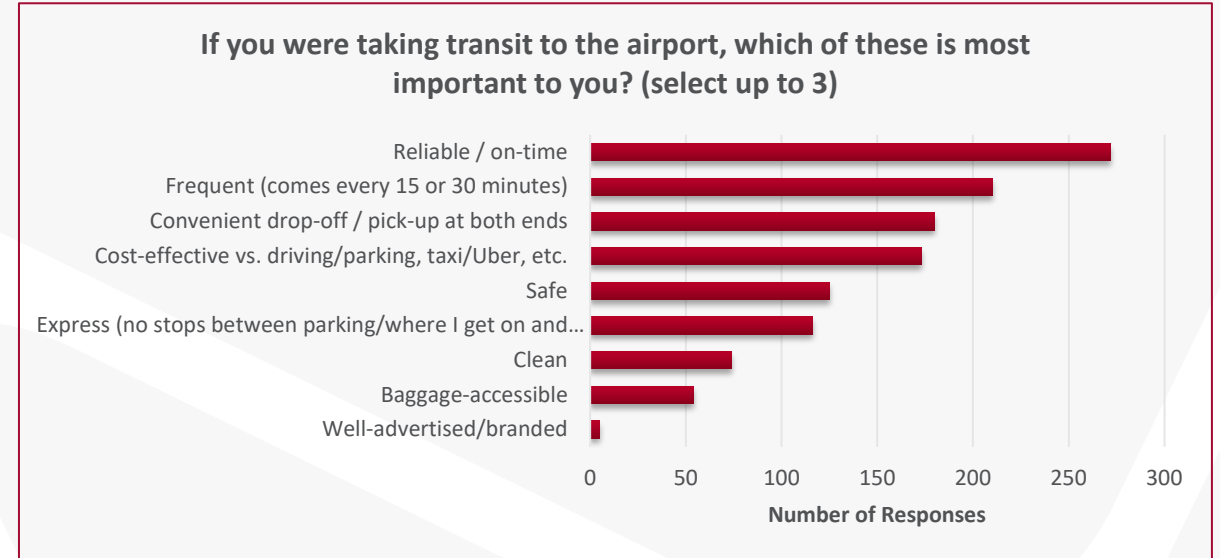
Transit-Light

Online Survey – What We Heard

Detailed results
in next 8 slides

- More than 400 responses
- Diverse cross-section of responses across metro area home/work locations, age groups, and income levels
- Few respondents using transit locally...but close to 90% do when traveling to other cities
- Many respondents would *prefer* to take express transit from somewhere in the region and indicated a likelihood of using if reasonably priced, convenient, and reliable

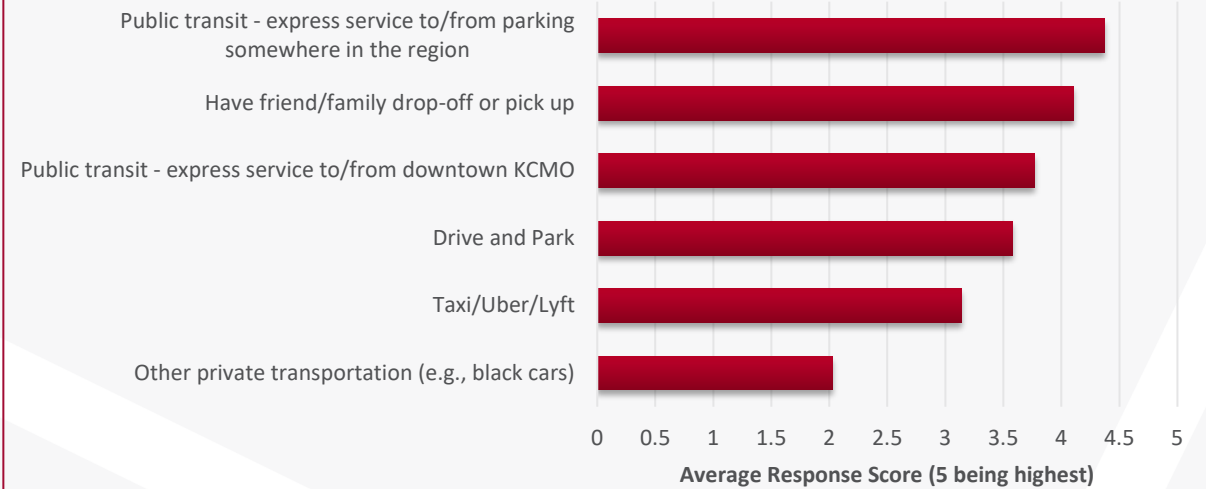
County	Responses by:	
	Home	Work
Jackson, Missouri	182	183
Johnson, Kansas	96	86
Clay, Missouri	52	39
Platte, Missouri	33	24
Wyandotte, Kansas	11	18
Leavenworth, Kansas	8	9
Cass, Missouri	6	3
Other or N/A	15	41



If you were taking transit to the airport, which of these is most important to you? (select up to 3)

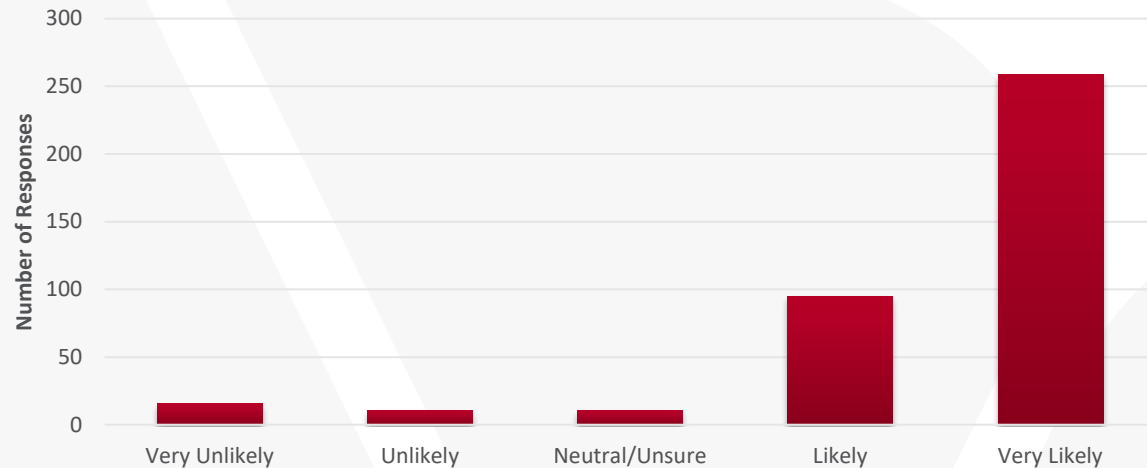


Rank the following for how you would prefer to get to/from KCI airport:



County	Responses by:	
	Home	Work
Jackson, Missouri	182	183
Johnson, Kansas	96	86
Clay, Missouri	52	39
Platte, Missouri	33	24
Wyandotte, Kansas	11	18
Leavenworth, Kansas	8	9
Cass, Missouri	6	3
Other or N/A	15	41

If transit services were reasonably priced, convenient, and reliable, what is the likelihood that you would take public transit to the airport?



If you were taking transit to the airport, which of these is most important to you? (select up to 3)

Home County	Express (no stops between parking/where I get on and the airport terminal)	Frequent (comes every 15 or 30 minutes)	Reliable / on-time	Cost-effective vs. driving/parking, taxi/Uber, etc.	Clean	Safe	Well-advertised /branded	Baggage-accessible	Convenient drop-off / pick-up at both ends	Total Respondents
Jackson, Missouri	28%	61%	71%	43%	15%	28%	1%	12%	40%	182
Johnson, Kansas	32%	43%	65%	48%	19%	30%	0%	10%	53%	96
Clay, Missouri	21%	48%	63%	48%	35%	35%	0%	13%	37%	52
Platte, Missouri	12%	61%	73%	24%	18%	36%	9%	24%	42%	33
Wyandotte, Kansas	55%	36%	64%	45%	0%	27%	0%	9%	64%	11
Leavenworth, Kansas	63%	13%	75%	50%	13%	0%	0%	38%	50%	8
Cass, Missouri	33%	33%	50%	17%	17%	83%	0%	33%	33%	6
Other or N/A	40%	40%	47%	33%	13%	47%	0%	7%	73%	15

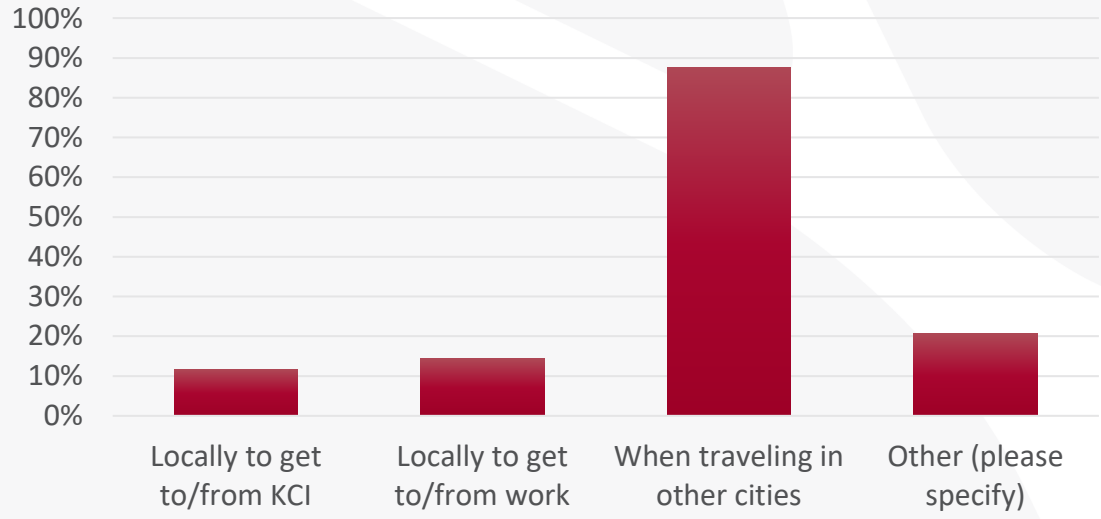
Work County	Express (no stops between parking/where I get on and the airport terminal)	Frequent (comes every 15 or 30 minutes)	Reliable / on-time	Cost-effective vs. driving/parking, taxi/Uber, etc.	Clean	Safe	Well-advertised /branded	Baggage-accessible	Convenient drop-off / pick-up at both ends	Total Respondents
Jackson, Missouri	32%	60%	68%	41%	19%	25%	2%	11%	42%	183
Johnson, Kansas	26%	47%	76%	49%	19%	26%	0%	8%	51%	86
Clay, Missouri	18%	59%	59%	49%	26%	46%	0%	13%	31%	39
Platte, Missouri	13%	46%	79%	33%	25%	46%	0%	13%	46%	24
Wyandotte, Kansas	39%	28%	56%	39%	17%	39%	0%	11%	72%	18
Leavenworth, Kansas	56%	11%	78%	33%	22%	11%	0%	44%	44%	9
Cass, Missouri	67%	67%	67%	33%	0%	33%	0%	33%	0%	3
Other or N/A	27%	46%	54%	44%	7%	46%	2%	27%	46%	41

If transit services were reasonably priced, convenient, and reliable, what is the likelihood that you would take public transit to the airport?

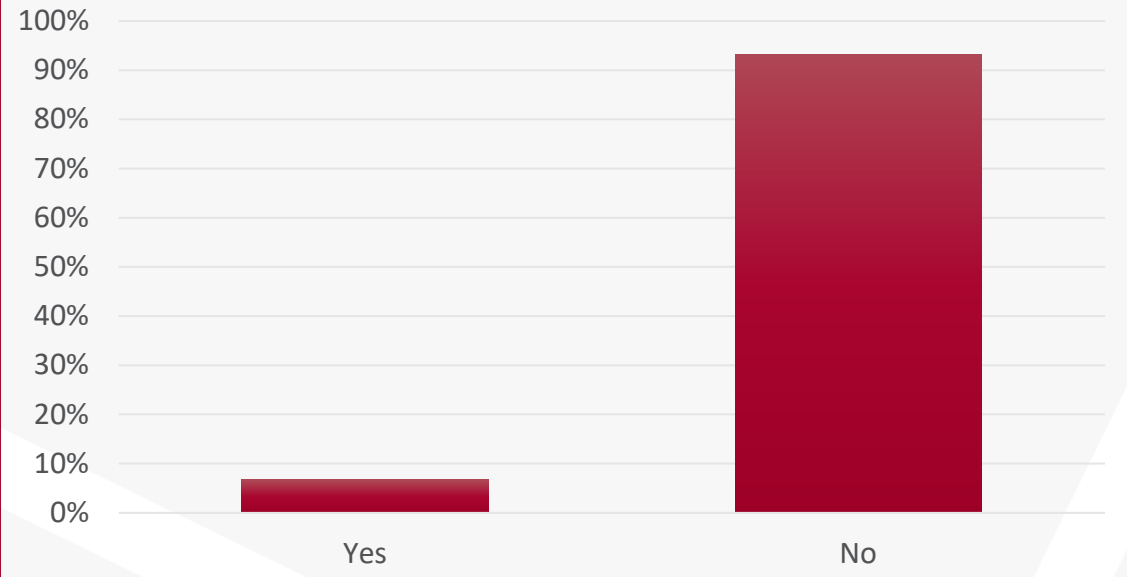
Home County	Very Unlikely	Unlikely	Neutral/Unsure	Likely	Very Likely	Total Respondents
Jackson, Missouri	2%	0%	3%	21%	74%	182
Johnson, Kansas	2%	1%	4%	27%	66%	96
Clay, Missouri	10%	13%	10%	23%	44%	52
Platte, Missouri	6%	3%	9%	24%	58%	33
Wyandotte, Kansas	9%	0%	9%	36%	45%	11
Leavenworth, Kansas	0%	13%	25%	25%	38%	8
Cass, Missouri	17%	0%	0%	50%	33%	6
Other or N/A	13%	7%	7%	13%	60%	15

Work County	Very Unlikely	Unlikely	Neutral/Unsure	Likely	Very Likely	Total Respondents
Jackson, Missouri	3%	1%	5%	22%	69%	183
Johnson, Kansas	0%	1%	2%	27%	70%	86
Clay, Missouri	8%	3%	5%	33%	51%	39
Platte, Missouri	13%	25%	8%	17%	38%	24
Wyandotte, Kansas	6%	0%	6%	22%	67%	18
Leavenworth, Kansas	0%	11%	33%	22%	33%	9
Cass, Missouri	0%	0%	0%	0%	100%	3
Other or N/A	10%	0%	7%	20%	63%	41

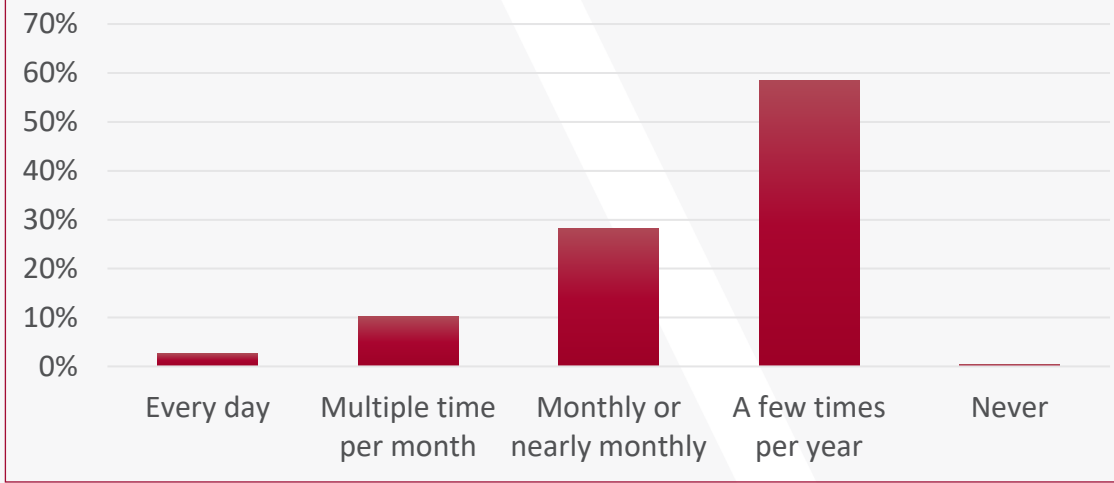
Do you use public transit? (check all that apply)



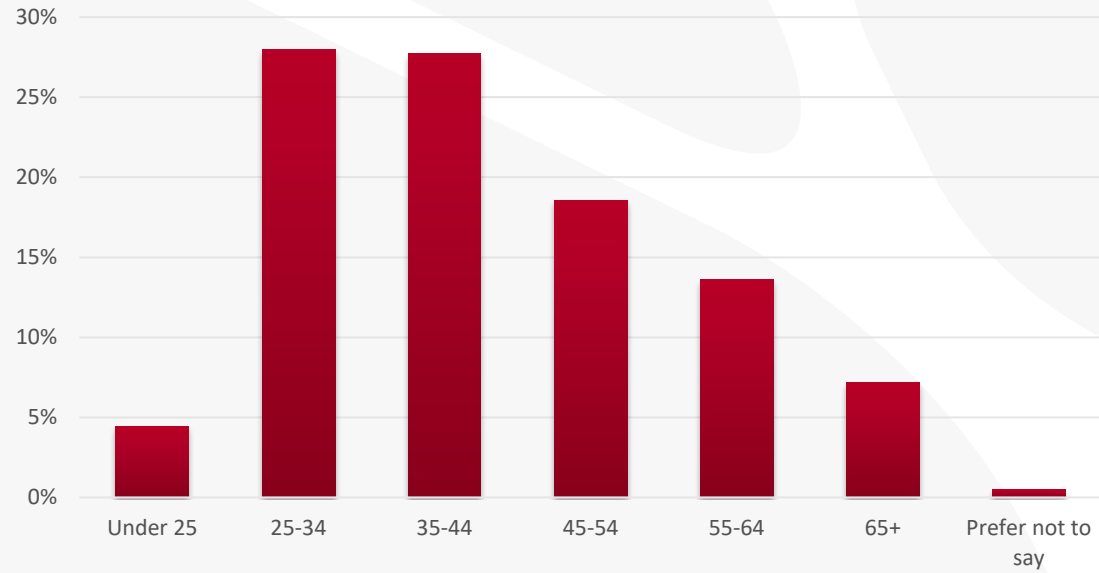
Do you work at KCI or near KCI airport?



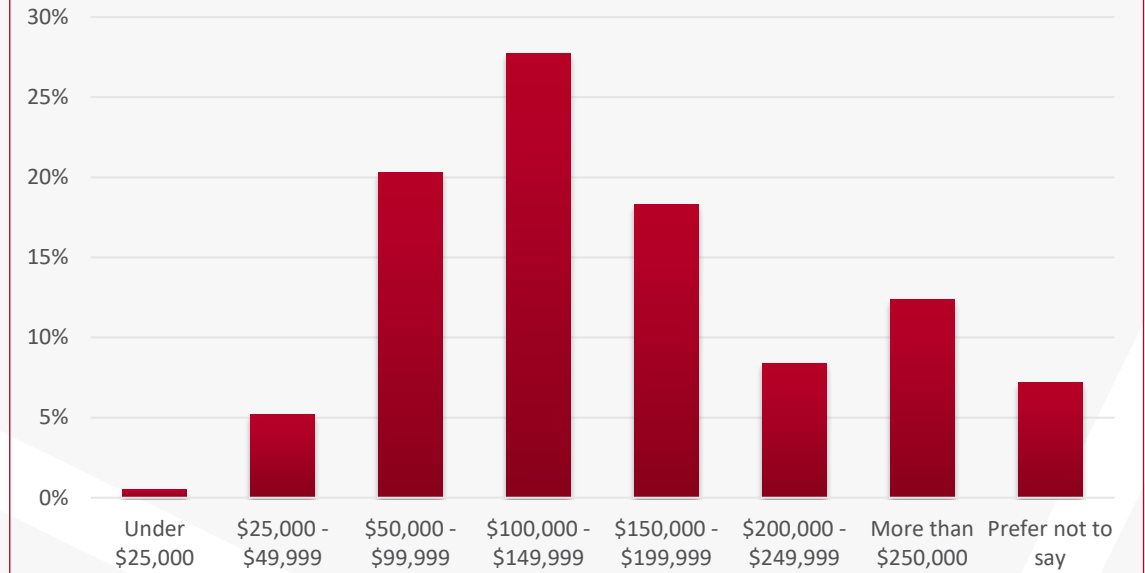
How often do you go to KCI airport, whether for working, traveling, picking up passengers, etc.? (select one)



Age

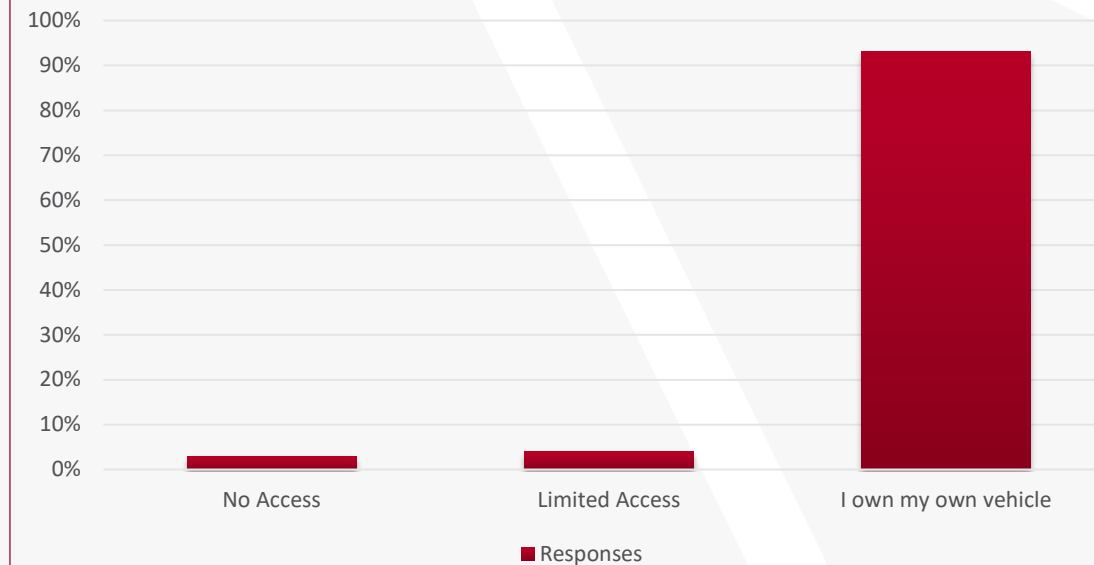


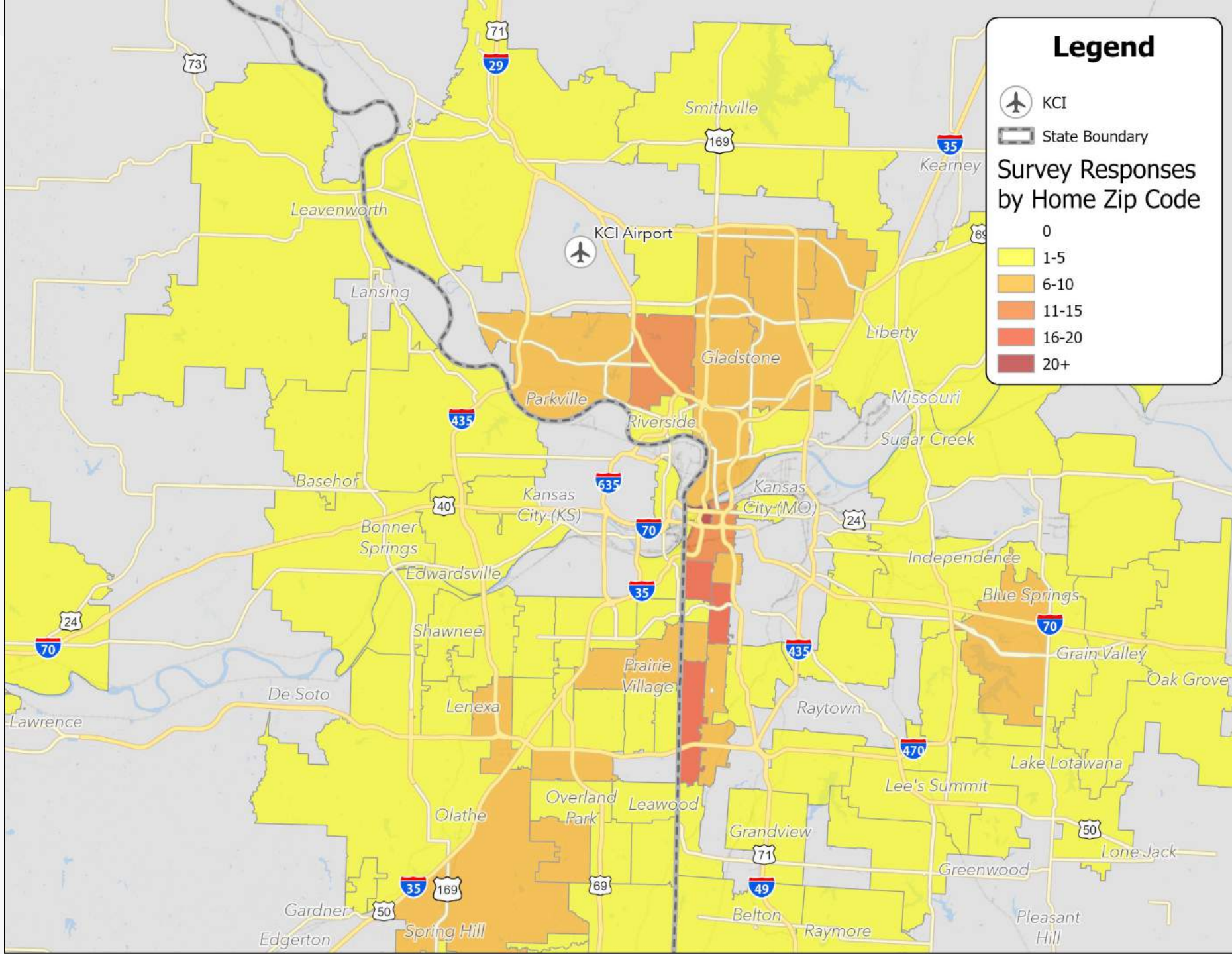
Household Income

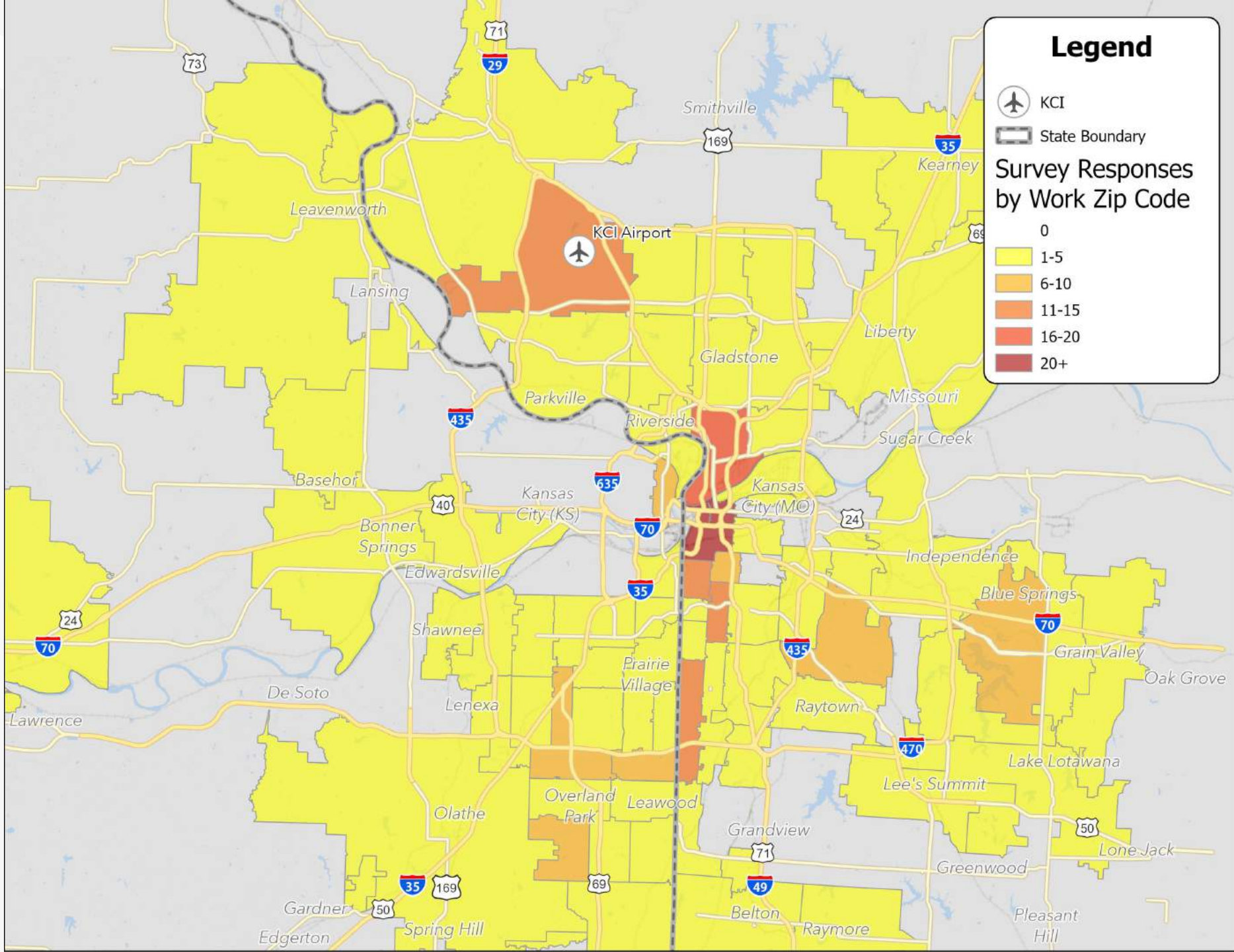


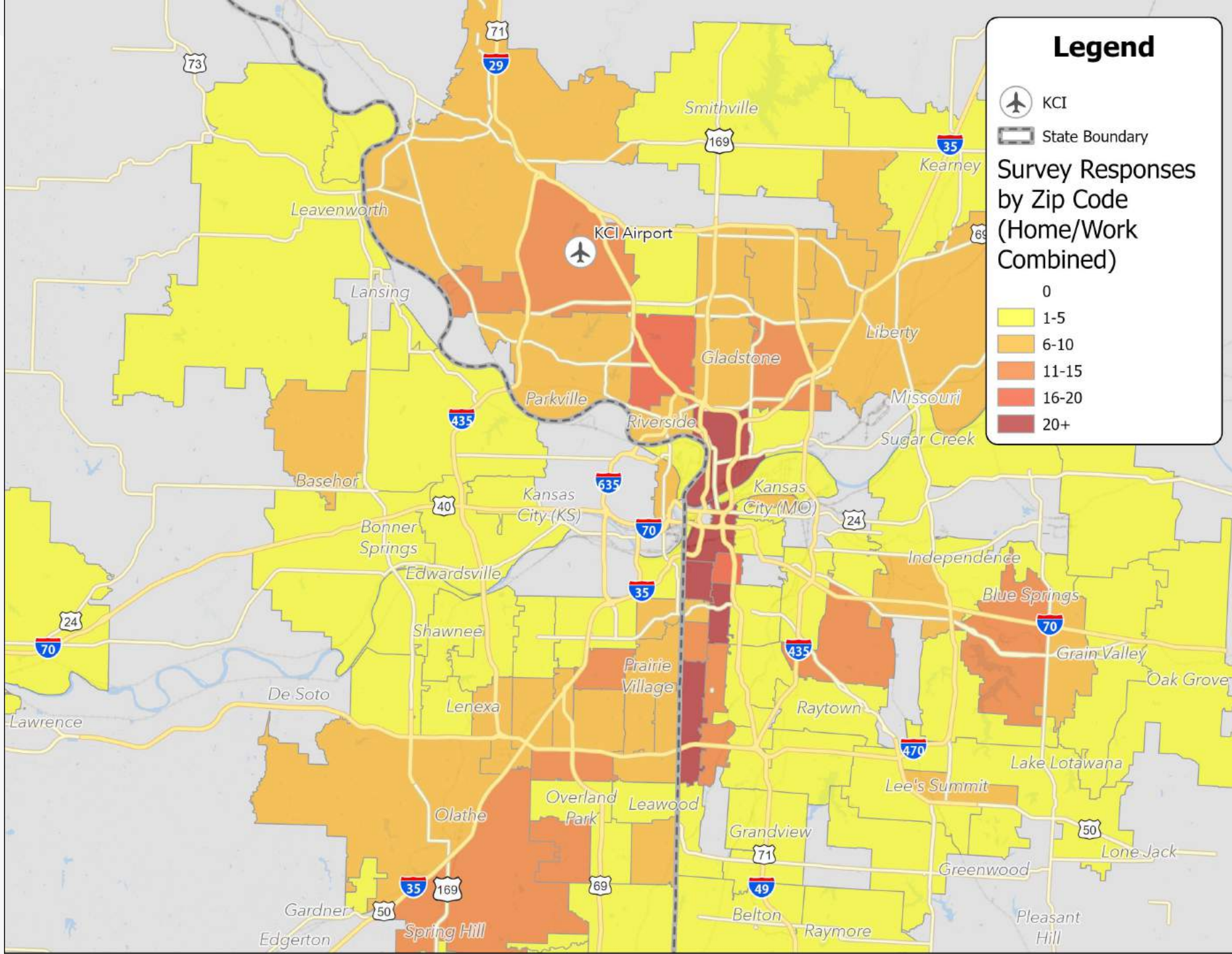
- 404 total responses as of 9/25
- 119 unique zip codes represented

Vehicle Access









Legend

- KCI
- State Boundary

Survey Responses by Zip Code (Home/Work Combined)

0
1-5
6-10
11-15
16-20
20+

Alternatives Evaluation

- Alternatives Defined
 - Local Service
 - Employee-Focused Express Service
 - Resident/Visitor-Focused Express Service
- Evaluation Process
 - Initial Screening
 - Refined Evaluation



Alternatives Evaluation



Initial Screening

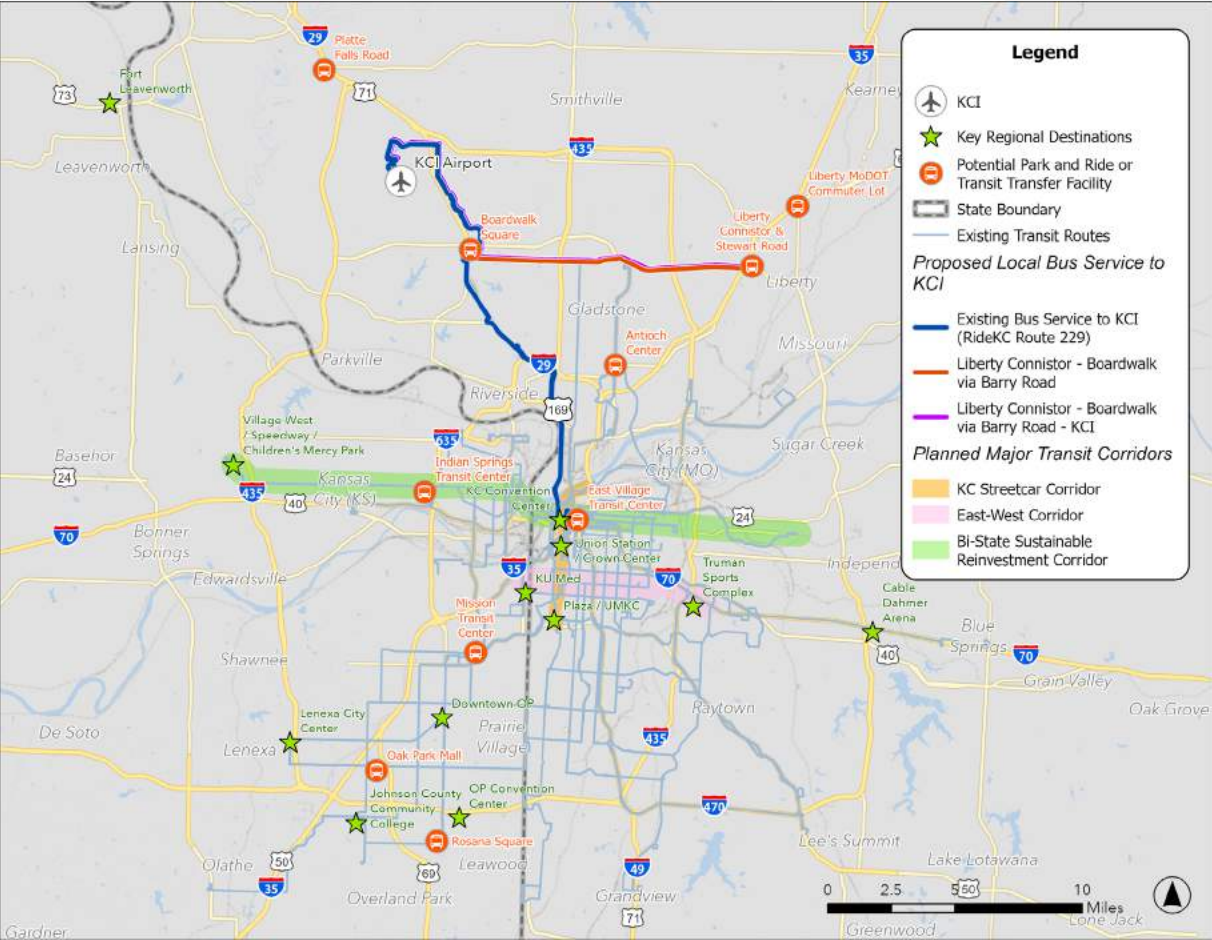
- Travel Time Competitiveness
- Planning-Level Costs
- Potential Rider Shed
- *Planning-Level ROI*

Refined Evaluation

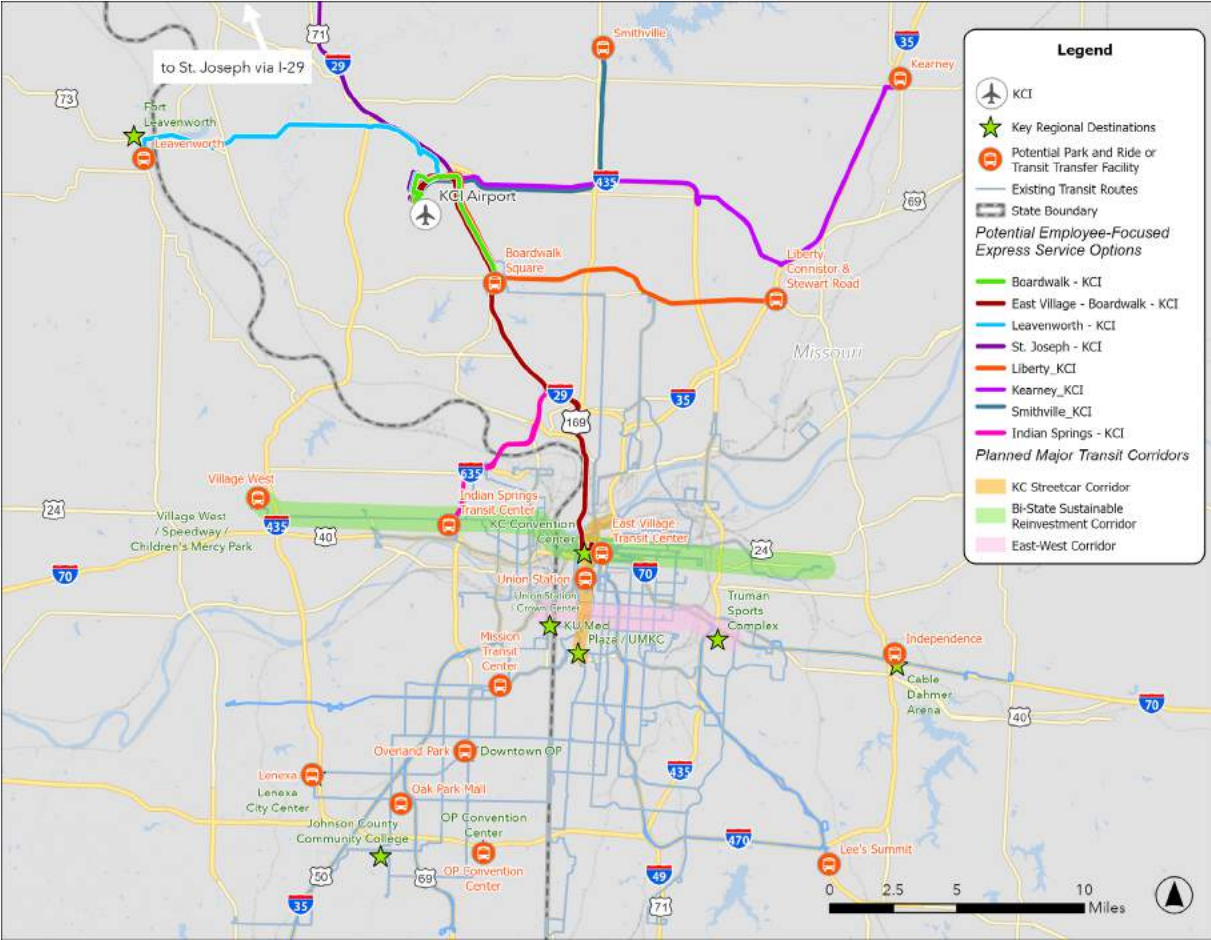
- Ridership / Cost Sensitivity Analyses
- Title VI/Equity
- Political Support
- Funding Opportunities
- Scalability for Special Events

Employee-Focused Service Options

Potential Local Bus Service

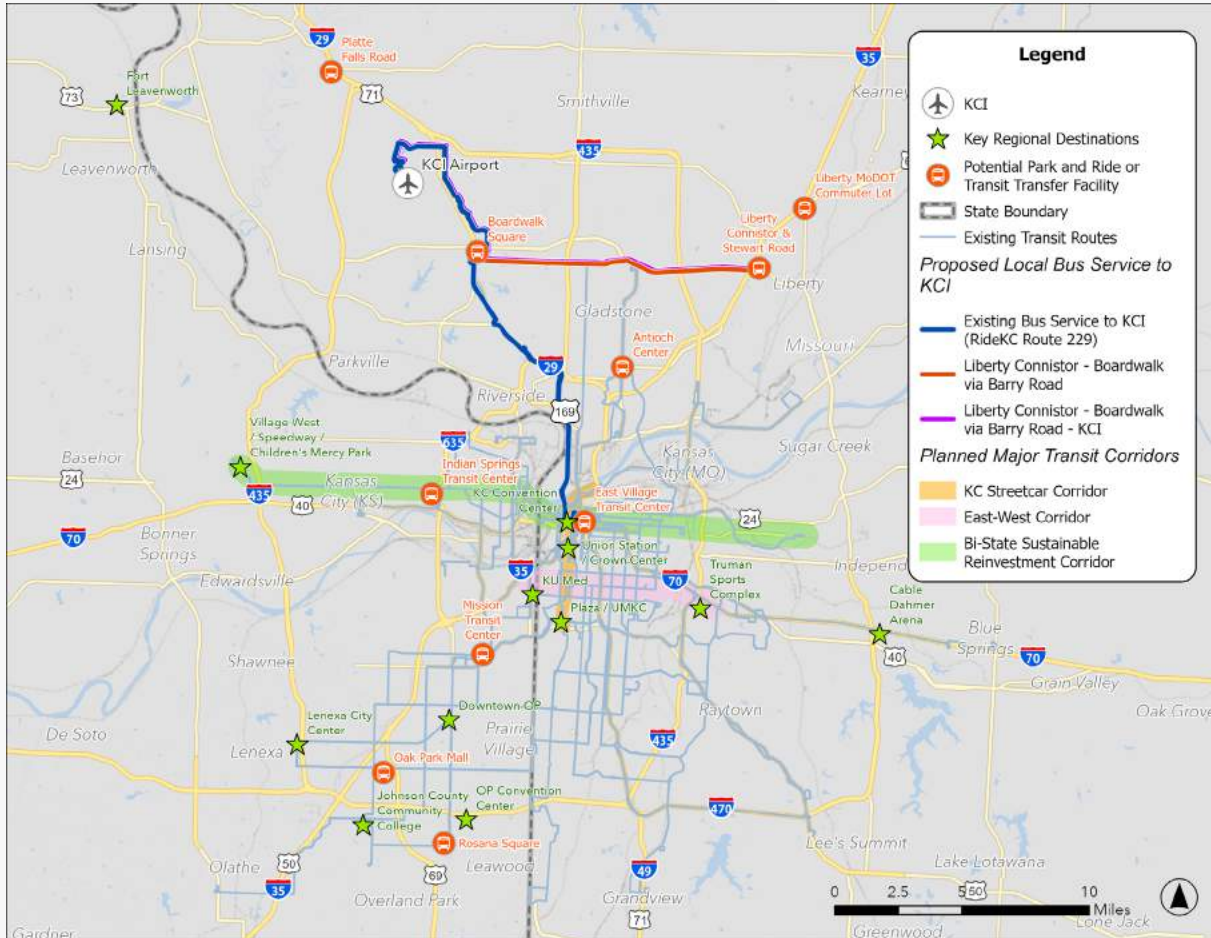


Potential Employee-Focused Express Bus

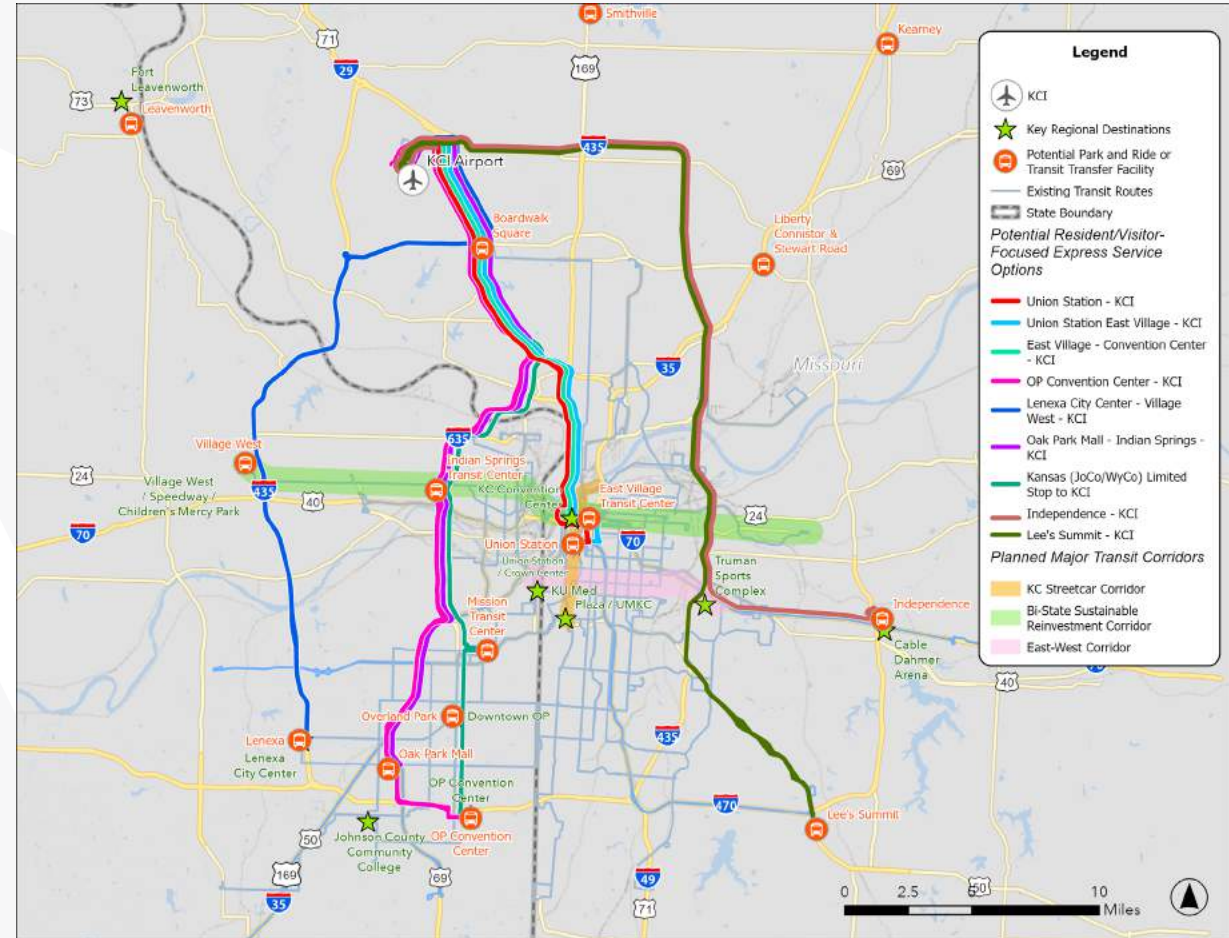


Resident/Visitor-Focused Service Options

Potential Local Bus Service



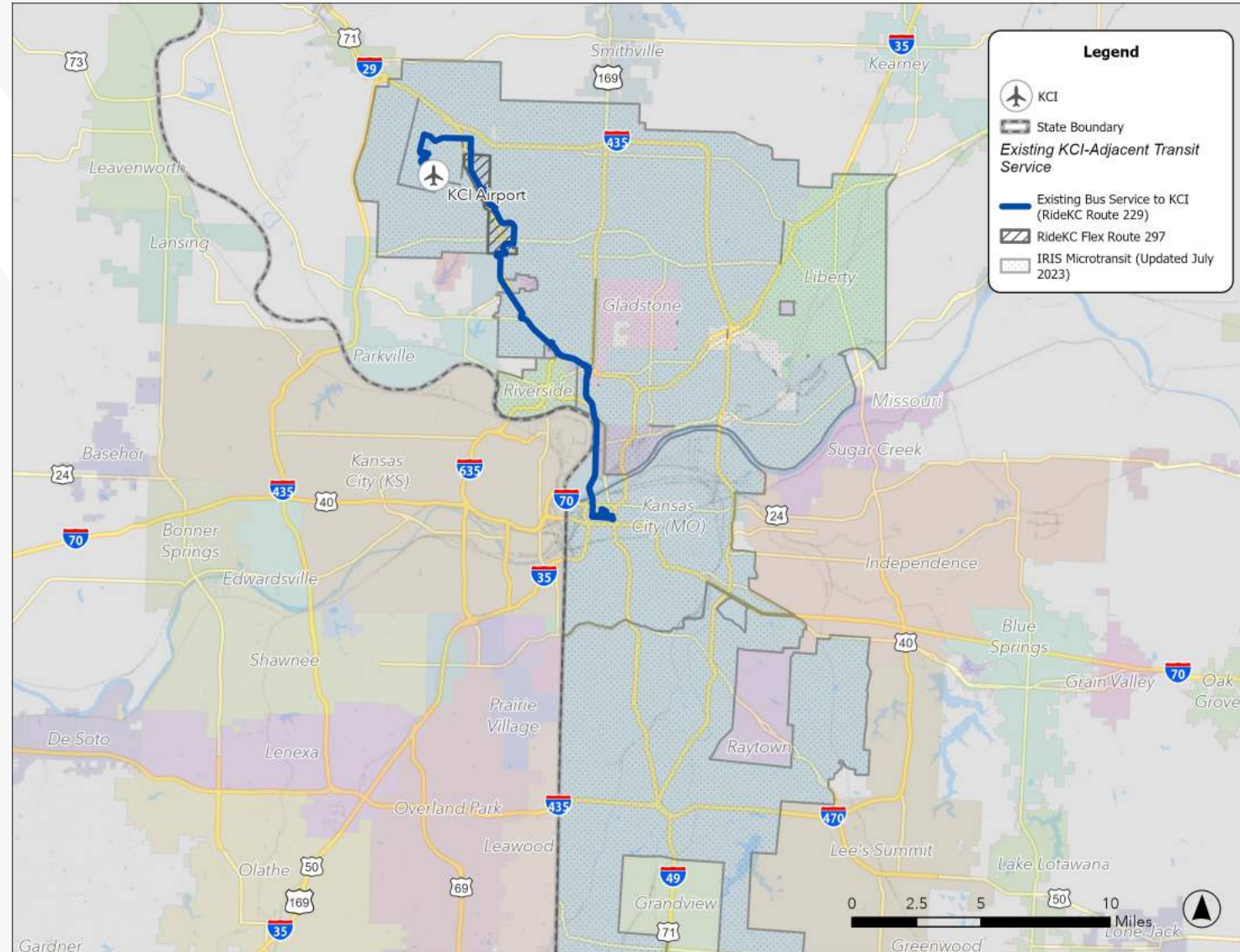
Potential Resident/Visitor-Focused Express Bus



Note: additional routes/variations have been added following 9/26 PAT meeting.

Additional Considerations

- Fare structure for varying service
- Increase/improve loading/pick-up space for transit/for-hire vehicles in KCI garage
- Increase overflow space for transit/for-hire vehicles in KCI garage
- Increase enforcement for vehicles dwelling in airport arrivals area
- Promote visibility of service - advertisement, branding, wayfinding within airport
- Coordinate with BikeWalkKC, RideKC bike, and private vendors to increase availability of bikeshare and scooters during major events
- Who provides the service?



Next Steps

- “Starter route” development
 - Route / stop(s) / service hours / frequency
 - Fleet considerations
 - Other capital improvements – parking, security, wayfinding, charging, maintenance
 - Funding – public, private (fees, partnerships, naming rights, etc.)
 - Other considerations (scalability, equity/Title VI, etc.)
- Recommendations by jurisdiction
- Action Plan Development

