

Prospect Avenue Safety Improvements

Community Open House

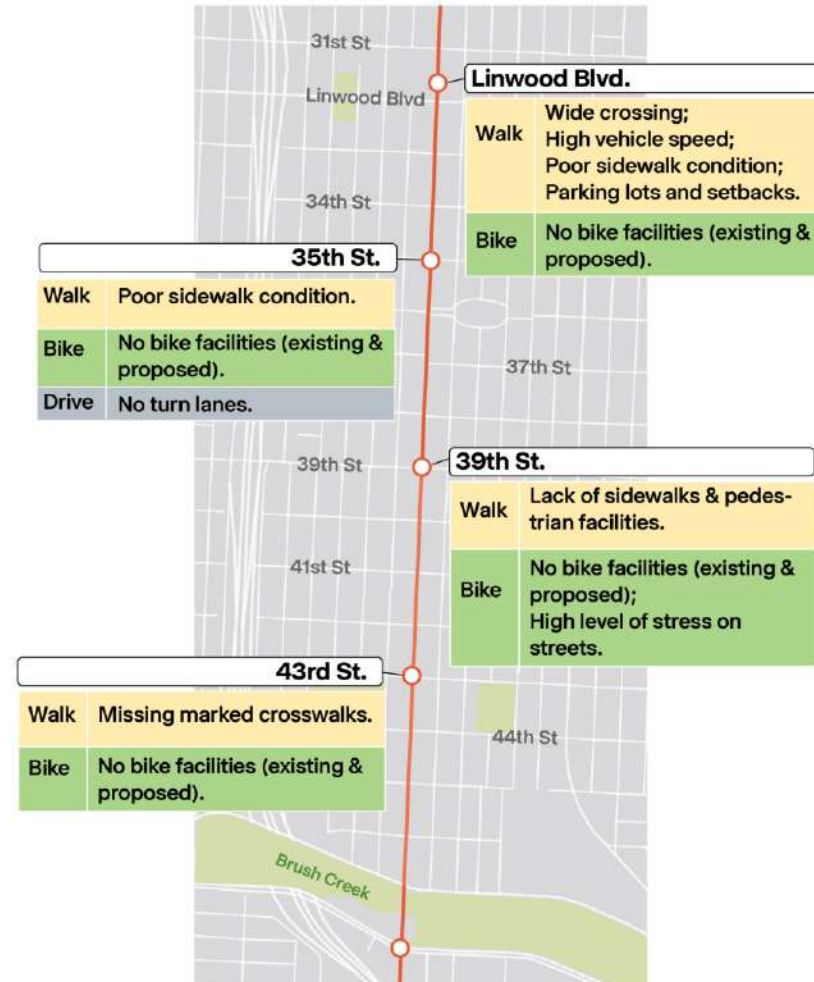


Project Background

This project coordinates with the City's broader ProspectUS Transit-Oriented Development Strategic Plan adopted in February 2025.

Transportation & Utilities

- Missing or poor pedestrian connections between transit stations and surrounding neighborhoods.
- Limited bicycle infrastructure along the corridor.
- Prospect Avenue and many cross streets are unsafe for multimodal travel due to current design and high vehicular speeds.



Project Background

Public Realm

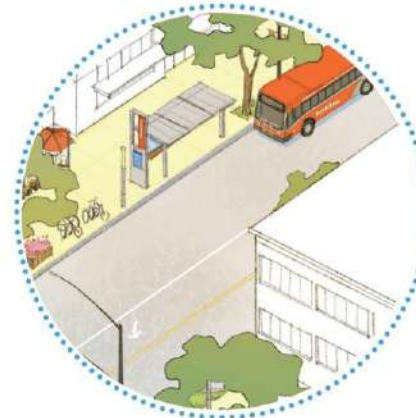
- Public realm improvements proposed in ProspectUS illustrate key strategies for creating a more connected, walkable, and transit-supportive Prospect Corridor.



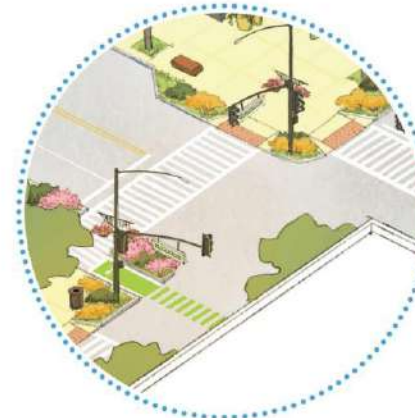
Public Realm Infrastructure



Safety



Wayfinding & Neighborhood Identity



Accessibility

Project Funding

Project Funding Total: \$12.5 million

- The U.S. Department of Transportation awarded a \$10 million Safe Streets and Roads for All (SS4A) grant to the City of Kansas City, MO to design and construct traffic safety improvements on Prospect Avenue.
- Additional funding comes from a 20% local match of \$2.5 million, bringing the project's total investment to \$12.5 million.



Corridor Crash Background

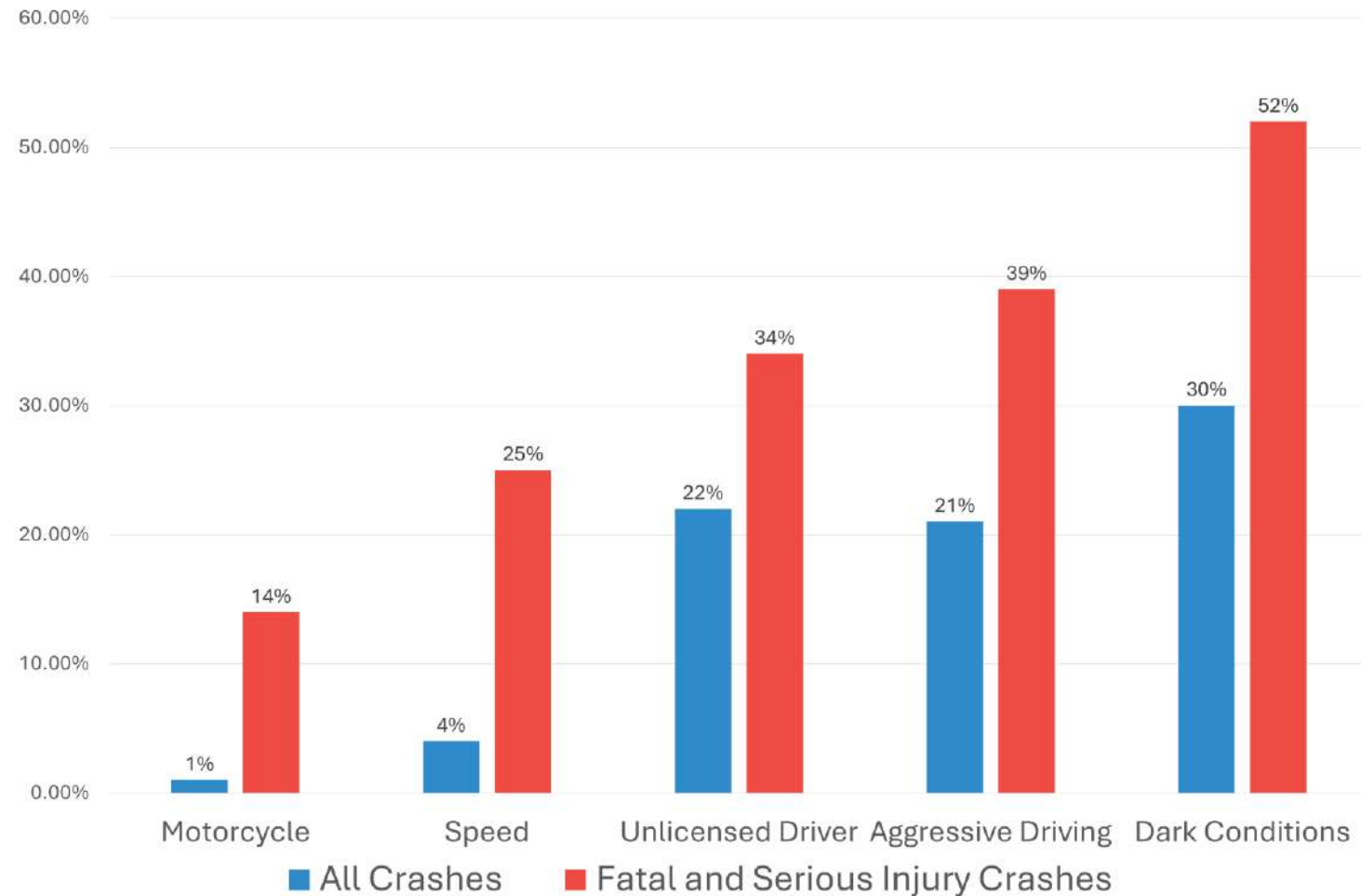
Kansas City's fatal crash rate is **16.9 per 100,000 residents**, the **fourth highest** fatal crash rate in the country.

The fatal crash rate along Prospect Avenue is nearly double Kansas City's fatal crash rate.

The project will study, design and construct safety improvements along Prospect Avenue from Linwood Boulevard to Emanuel Cleaver II Boulevard.

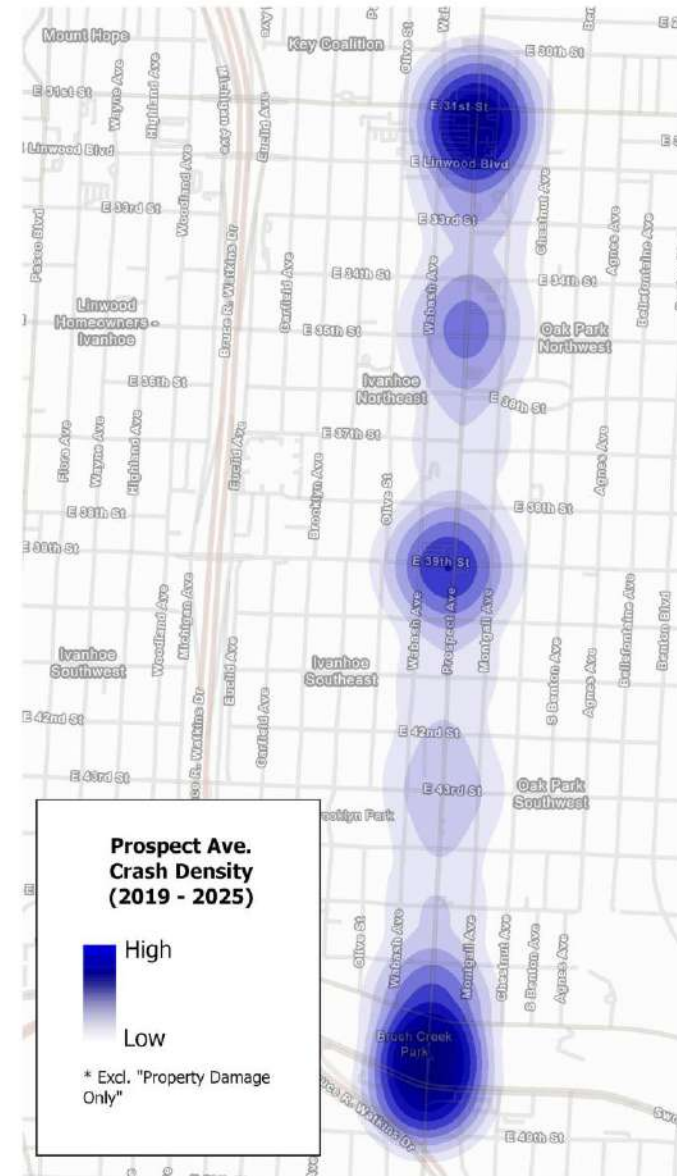


Corridor Safety Analysis: Crash Characteristics



Corridor Safety Analysis

- **Intersections** accounted for:
 - **81%** of fatal crashes
 - **85%** of all injury crashes
 - **86%** of pedestrian crashes
 - **87%** of pedestrian fatal & injury crashes



Road Safety Audit

Infrastructure Observations

- Conditions flagged for potential improvements:
 - Curbs
 - Sidewalks
 - Pavement
 - ADA Ramps



Pedestrian Observations

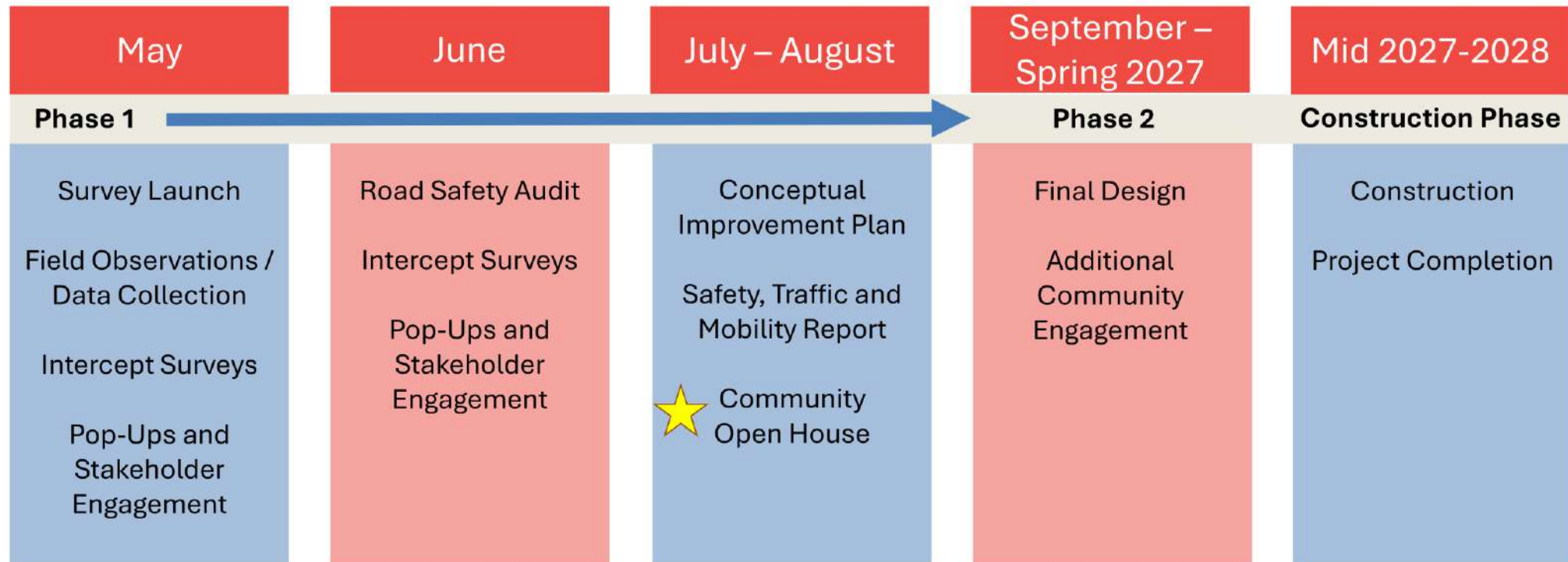
- High demand
- Pedestrians often cross at unmarked locations or without a walk signal
- Strongly influenced by transit operations

Driver Observations

- Running red lights
- Illegal left-turn and passing maneuvers



Project Timeline



★ We are here!



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Pedestrian Refuge Treatment

A pedestrian refuge is an area in a median that allows people crossing a street to do so in stages – typically one direction of travel at a time. This provides an opportunity for pedestrians to focus on identifying safe crossing gaps in the near lanes, and then wait in a protected location for a gap in the far lanes. According to FHWA, pedestrian refuge islands can reduce pedestrian crashes by 56%.



Note: Images shown are representative examples from other corridors.

HOW
WOULD
YOU RATE
THIS
OPTION?



Curb Extension Treatment

Curb extensions, also known as intersection bulb-outs, reduce a pedestrian's exposure to traffic by narrowing their crossing distance, and therefore, time crossing. This treatment also increases the visibility of a waiting pedestrian to drivers by bringing them further into the driver's field of vision. This treatment can also be used to prevent cars from parking near the intersection and to slow vehicle turning movements at intersections. This treatment already exists in some locations along Prospect Avenue. A recent study suggests that this treatment may reduce reported crashes by about 13%.



Note: Images shown are representative examples from other corridors.

HOW
WOULD
YOU RATE
THIS
OPTION?

1 2 3 4 5

NOT FOR ME I LIKE IT A LOT



Transit-Only Lane Treatment

Red paint can be used to delineate a bus- or transit-only lane or to indicate the area near a bus stop that should be kept clear from other traffic. The markings help communicate to drivers the areas where they should use caution and look for people boarding and exiting the bus, and potentially crossing the street. This treatment may also support the efficiency of transit routes and improve accessibility for transit riders who use mobility devices and need the bus to be near the curb to board.



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HOW
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Mid-Block Crossing Treatment

Mid-block crossings provide an opportunity for pedestrians to access destinations more directly and reduce travel time by removing the need to travel to the nearest intersection to cross. These crossings should be marked and signed to draw attention from drivers. They are often accompanied by pedestrian-actuated signals or flashers to further direct the awareness of drivers to people in the crosswalk. This treatment can also be used in conjunction with the pedestrian refuge treatment. Depending on the implementation, midblock crossings can reduce crashes from 18% - 45%.



Note: Images shown are representative examples from other corridors.

HOW
WOULD
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THIS
OPTION?

1 2 3 4 5

NOT FOR ME I LIKE IT A LOT

Parking Lane Treatment

Providing improved delineation between the driving lane and the parking area can help narrow the look and feel of the roadway for drivers, reducing driving speeds. It can also help those parking along the street feel more secure entering and exiting the vehicle. This treatment can be implemented with basic pavement markings, but could also include curb extensions, landscaping, or other features that break up the parking lane and discourage the use of the lane for passing or through movements.



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HOW
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Raised Crosswalk / Intersection Treatment

Raised crosswalks use ramps in the driving lane to elevate the road surface to the level of adjacent sidewalks, both to increase the visibility of the crosswalk and to slow traffic near the crossing. This treatment can reduce pedestrian crashes by 45%. At intersections, the treatment can be extended to provide a raised table between the crosswalks on each leg—this is called a raised intersection.



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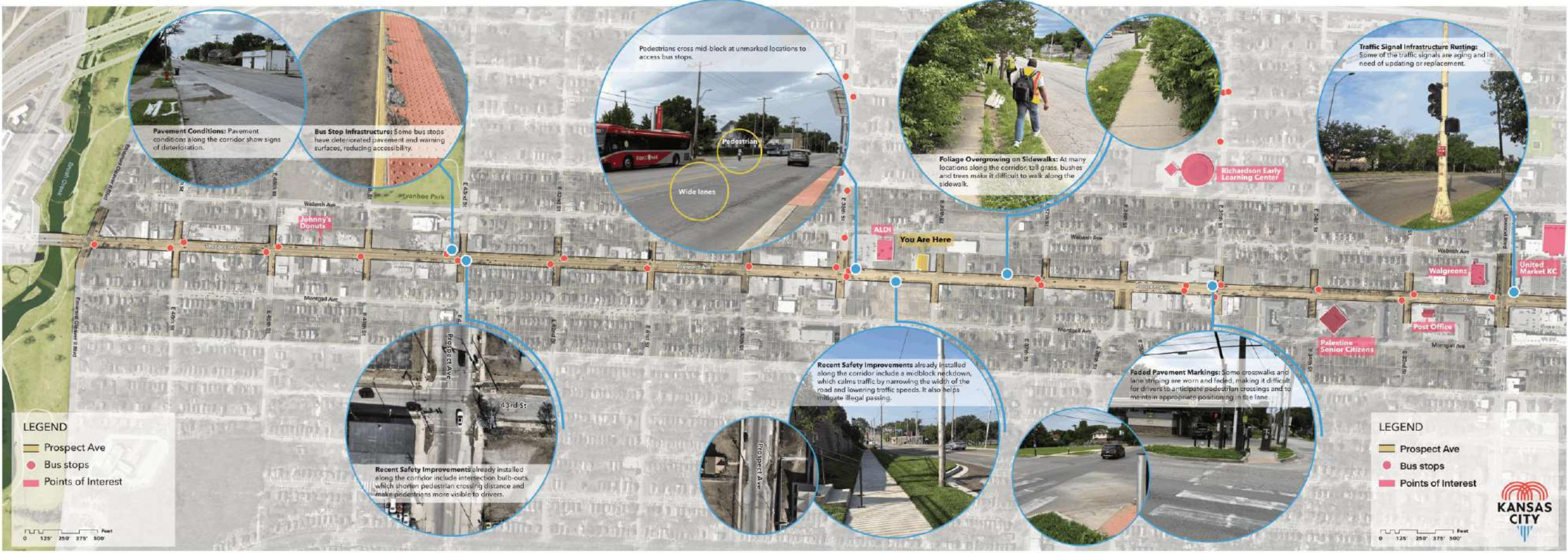
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Prospect Avenue Safety Improvements

Linwood Boulevard to Emanuel Cleaver II Boulevard

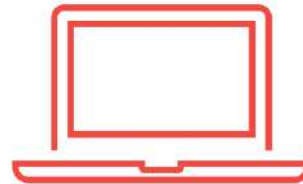


We Want to Hear from You!

Submit your comments **by Friday, August 28**, in one of the following ways:



Complete a comment card today!



Visit: <https://tinyurl.com/mrxxdrts>

