



# Trail Alignment

## Proposed Multi-Use Trail Connecting Heart of America Bridge to Chouteau Trafficway



### Legend

- Proposed 10' Wide Multi-Use Trail
- Proposed Shared Use Road
- - - - Existing Multi-Use Path
- Existing Shared Use Road
- - - - Future Bike Trail

### Guidelines

- Must stay 100 feet away from levee toe
- Cross the levee at the 2 available access points
- Maintain no-rise requirements for any construction within the floodway

### Trail Summary

Total Length: 3.5 miles of new trail and trail over existing pavement  
Width: 10 foot wide

### Cost Estimate

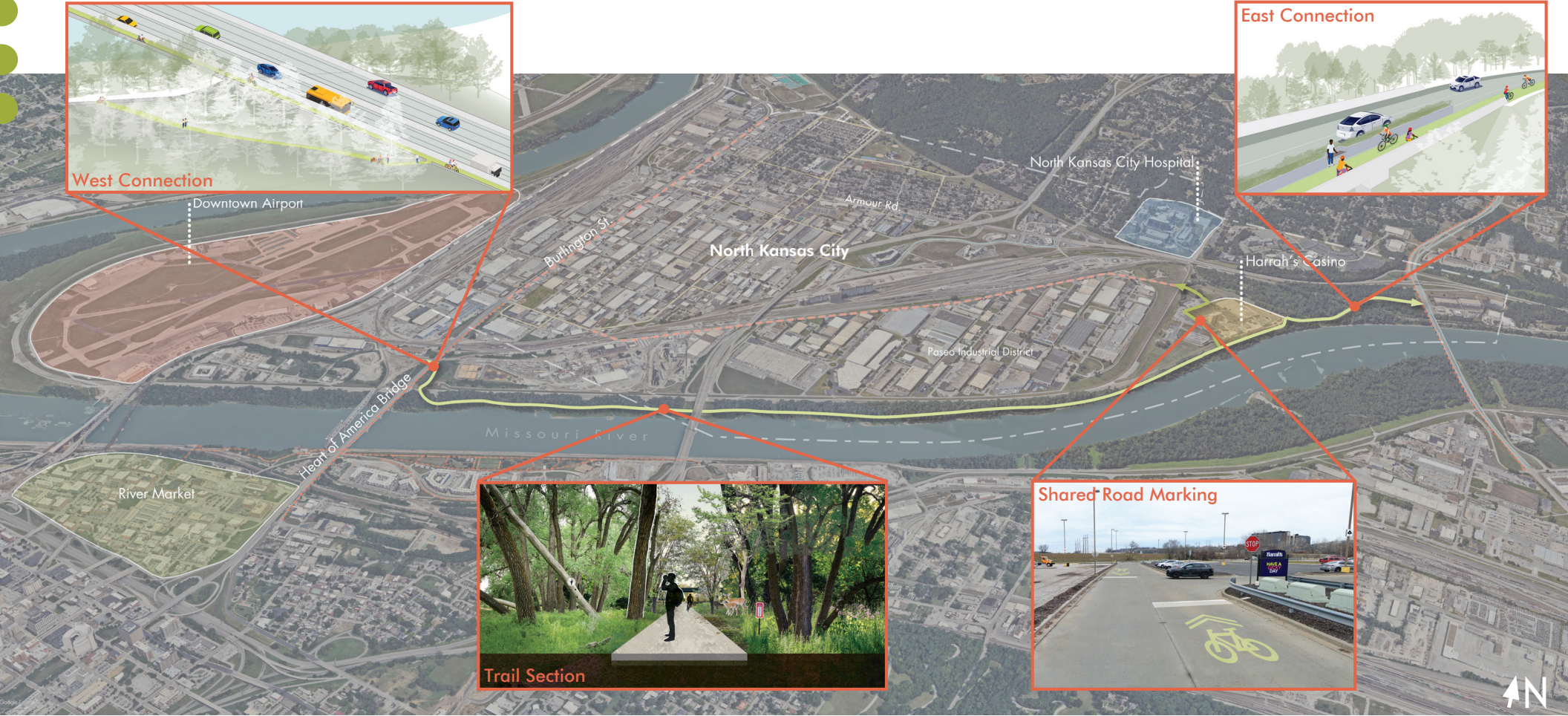
- Concrete: \$4.3m
- Aggregate: \$2.3m





# Trail Alignment

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West Connection

Downtown Airport

Heart of America Bridge

Burlington St

North Kansas City

Armour Rd

North Kansas City Hospital

Paseo Industrial District

East Connection

Harrah's Casino

River Market

Missouri River

Trail Section

Shared Road Marking





# Trail Section

## View of Proposed Trail Looking East Towards the Christopher S. Bond Bridge



Potential 1% Storm Flood Elevation

Over the past 15 years, the 1% storm event flood elevations have been recorded 7 times in this area.

Eastern cottonwood :

← TO LEVEE

TO MISSOURI RIVER →

10' WIDE MULTI-USE TRAIL

Red-bellied woodpecker

Riparian woodlands along the Missouri River consist predominantly of species such as eastern cottonwood, sycamore, and river birch.

Although the trail is depicted as concrete, an aggregate trail surface would reduce construction costs while increasing maintenance costs + erosion potential.

Mile markers

Mile markers are recommended to be installed every 0.10 miles to improve pedestrian safety along the trail. The Mid-America Regional Council's standard trail marker sign includes a unique address that can be given to a 911 dispatcher for a precise location.

Joe-Pye weed

Ecological restoration efforts along the trail could include removal of invasive understory of bush honeysuckle and replacement with native species found along the riparian woodlands of the Missouri River.



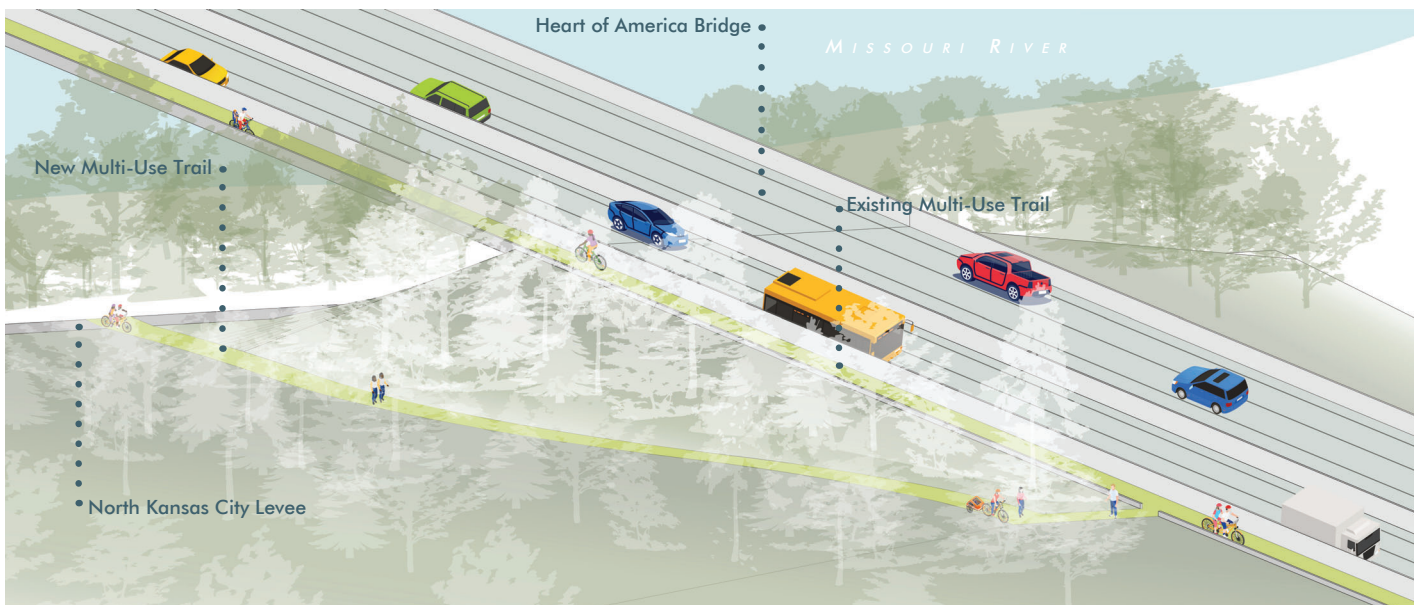
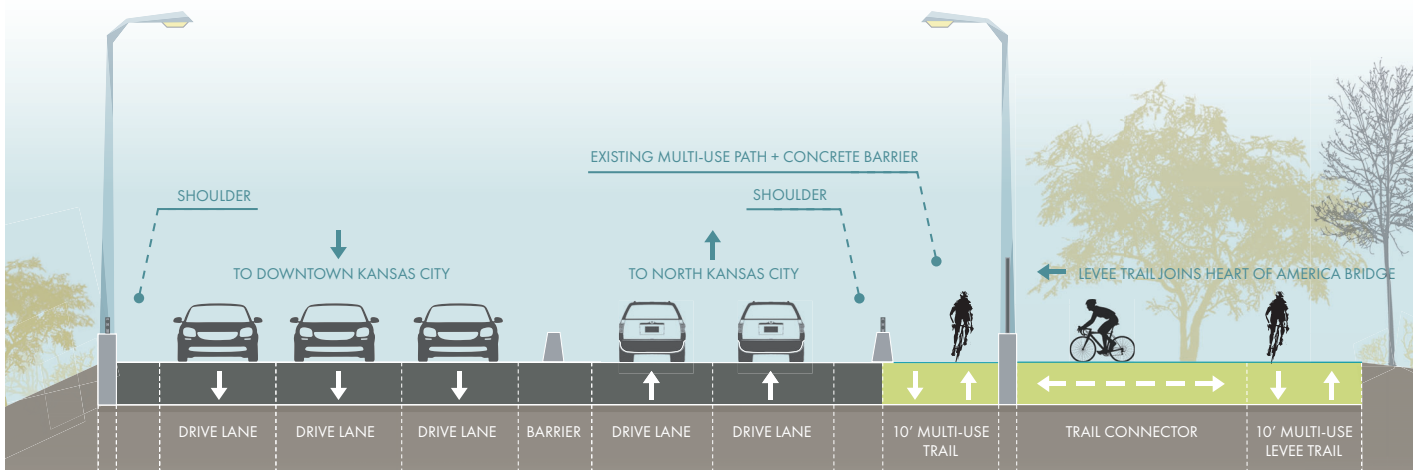
# West Connection

## Levee Trail to Heart of America Bridge/Missouri Highway 9



### Connection Goals

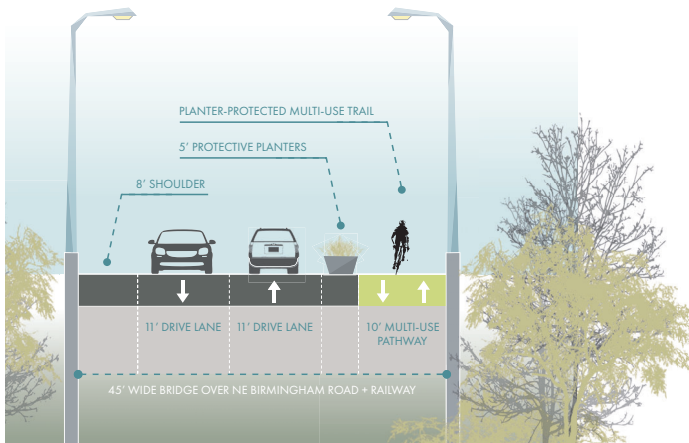
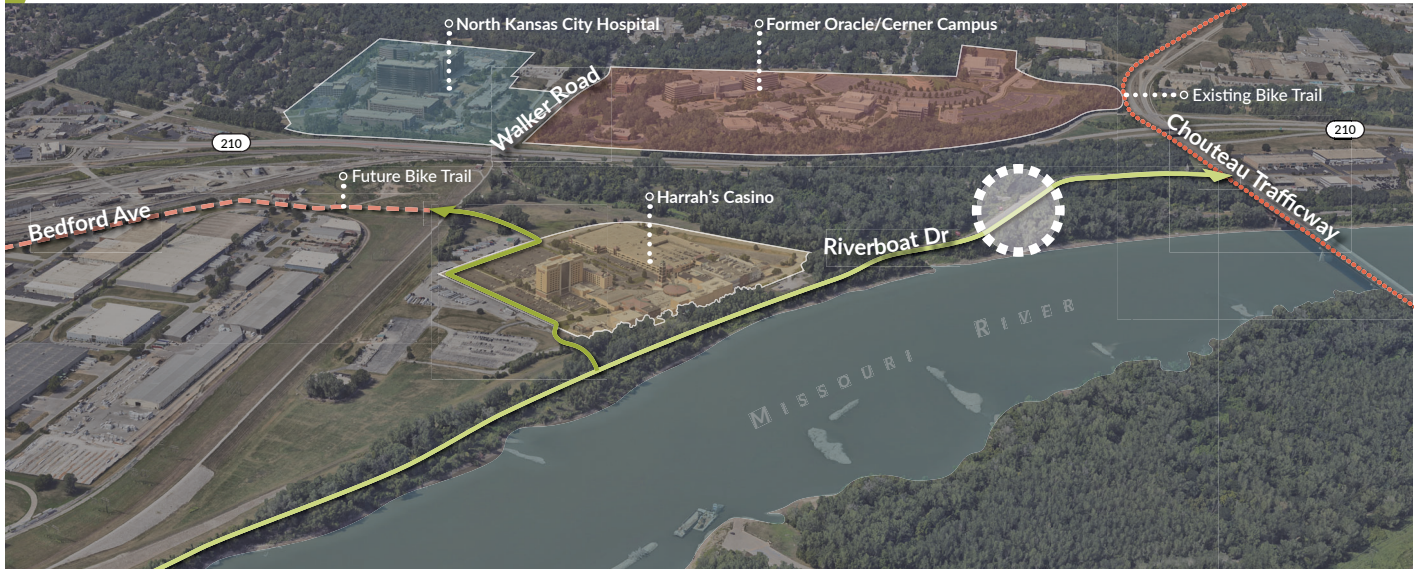
- 10 foot wide multi-use trail connects over the North Kansas City Levee before connecting into the existing multi-use trail along Heart of America Bridge/Missouri Highway 9
- Relocate existing access point over the levee
- Design trail connection to maintain ADA regulations
- Avoid/Protect existing utilities
- Restrict access to any part of the levee other than the crossing





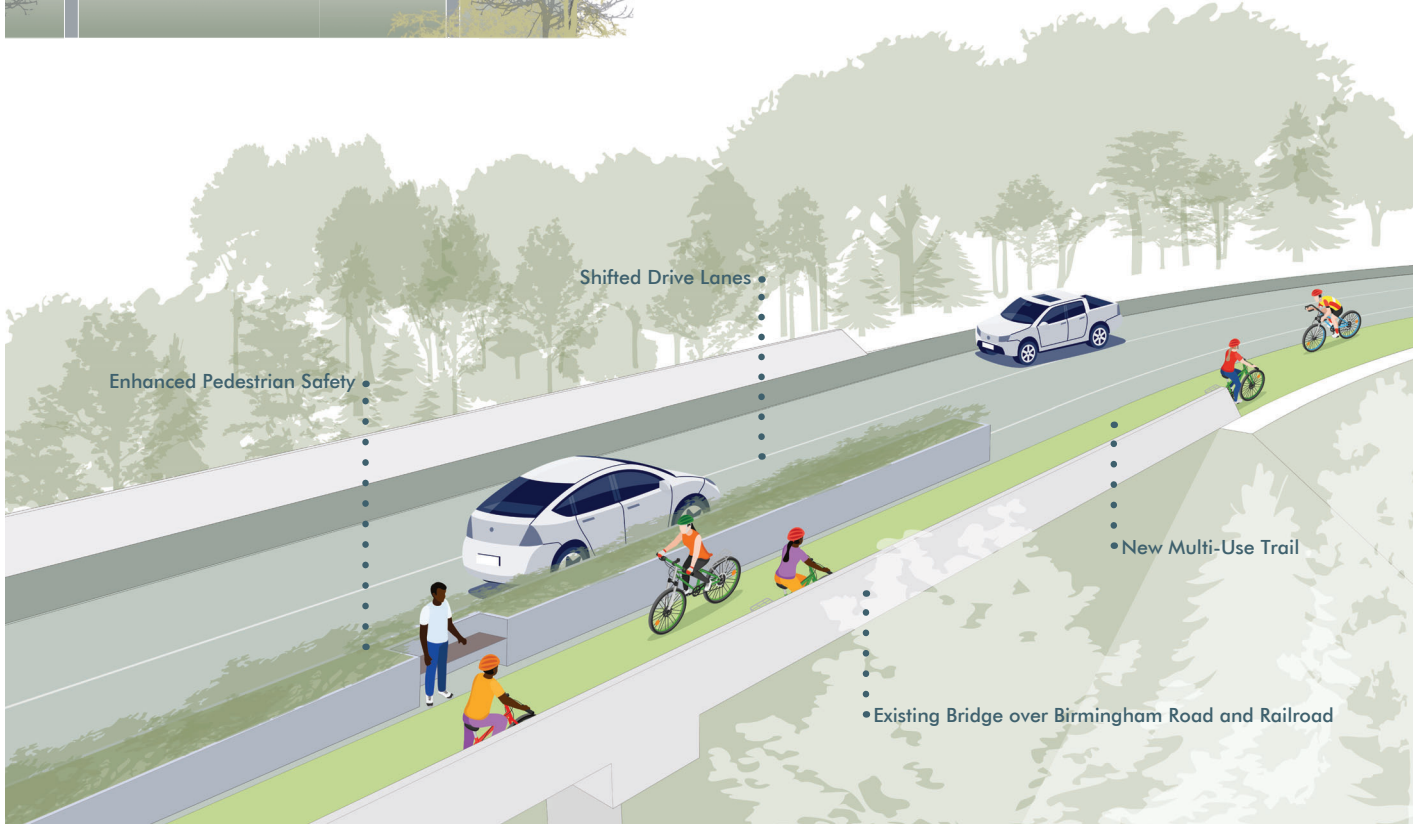
# East Connection

## Levee Trail to Chouteau Trafficway and Bedford Avenue



### Connection Goals

- 10 foot wide multi-use trail along the South/East side of Riverboat Drive
- Shift driving lanes to the North/West to accommodate the trail on the bridges along Riverboat Drive
- Utilize the existing infrastructure to reduce implementation costs
- Create a safe and inviting trail connection to Chouteau Trafficway through the use of bollards and planters to separate pedestrian and vehicular traffic
- Replace surfacing along the shoulder of Riverboat Drive to reduce hazards along the trail
- Shared lane between bicycles and vehicles to be used for the connection to Bedford Ave indicated with a Sharrow



**Summary of complemented Comment Cards:**

A total of 11 comment cards were received. The overall response was continued excitement and hope for the project. There were a few comments regarding why the trail would not be on top of the levee which is due the restrictions of the Levee District. Comments also reflected the benefit of the trail as a connection in the overall network and an eagerness to continue to expand trail connections beyond the study area.

