

Segment one within project study area

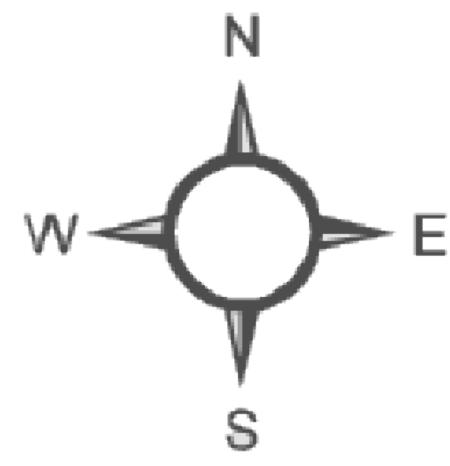
## **DRAFT - subject to change**

# IMPROVE I-70 KC UPDATED 2022 Preferred Alternative Concept

## BENEFITS

Benefits of extending the fourth lane on eastbound I-70:

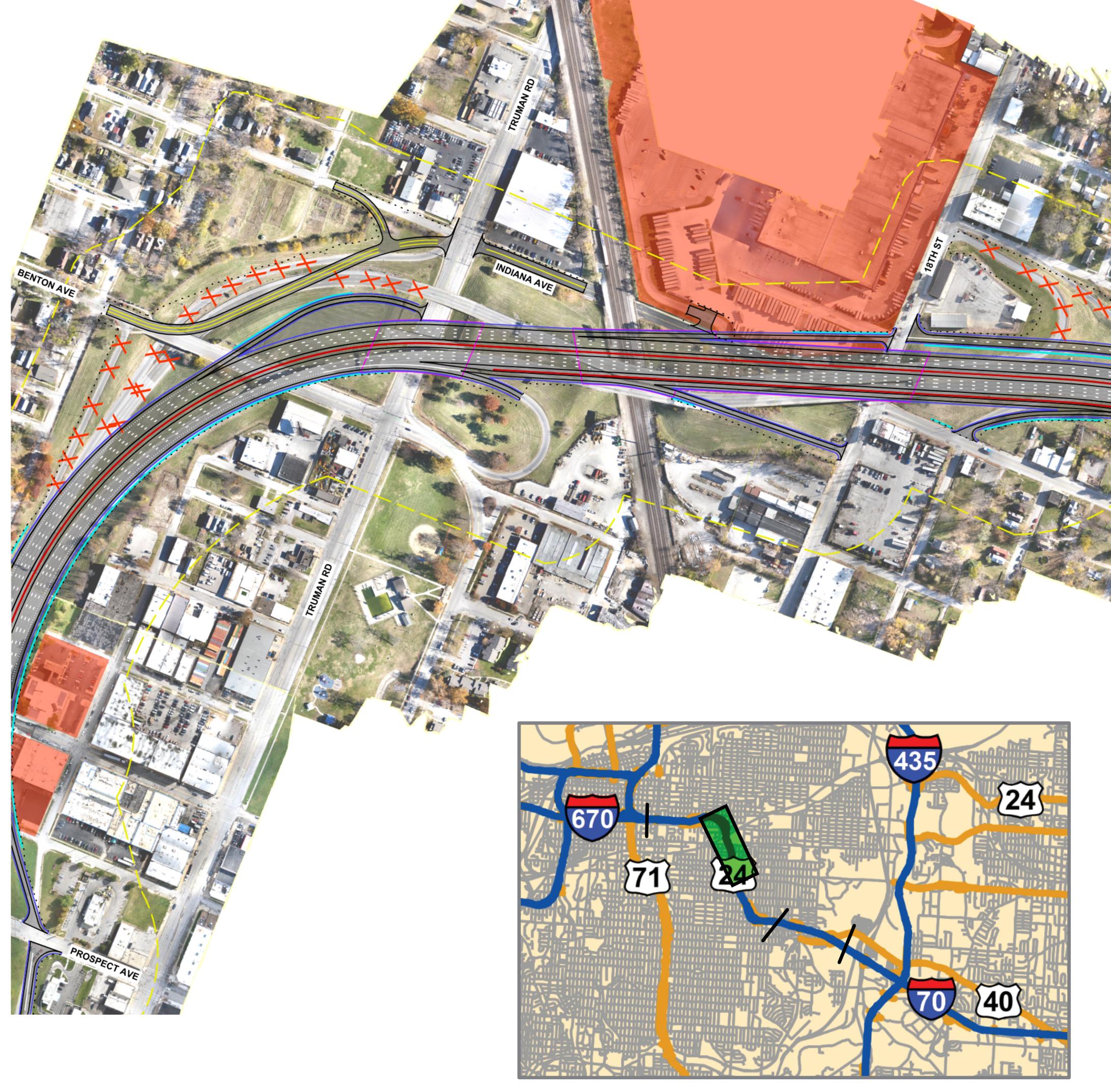
- Increased safety and



A re-evaluation of the I-70 corridor between The Paseo and U.S. 40







## **DRAFT - subject to change**

### A re-evaluation of the I-70 corridor between The Paseo and U.S. 40

Segment two within project study area

### **Benefits of re-routing Benton Blvd.:** Increased safety

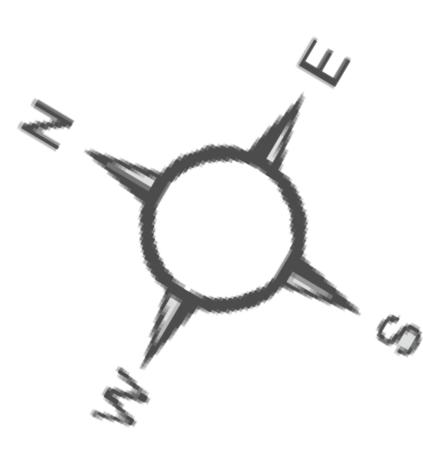
- Cost savings

LEGEND X Road Closures Bridge Median Barrie Edge of Pavement Edge of Shoulder Walls Pavement Markings Slope Lines

### Study Area

Potential Business Impact

Potential Residential Impact



## **Benton Boulevard**

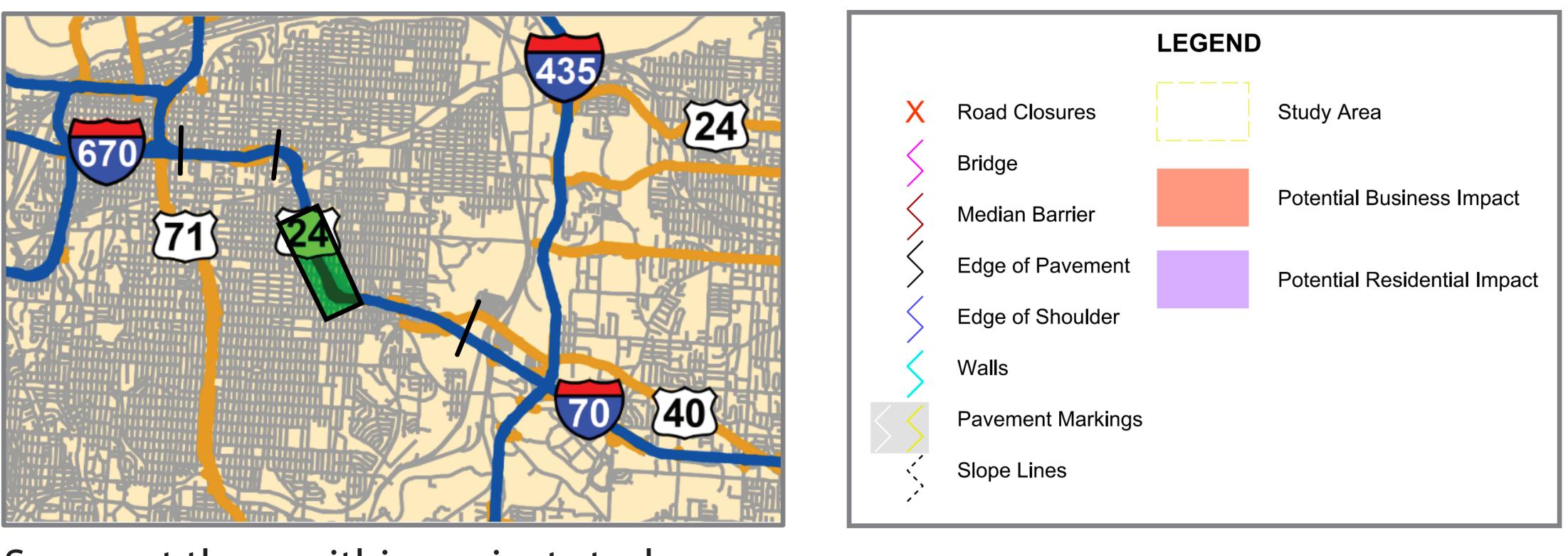
Increased mobility for local traffic



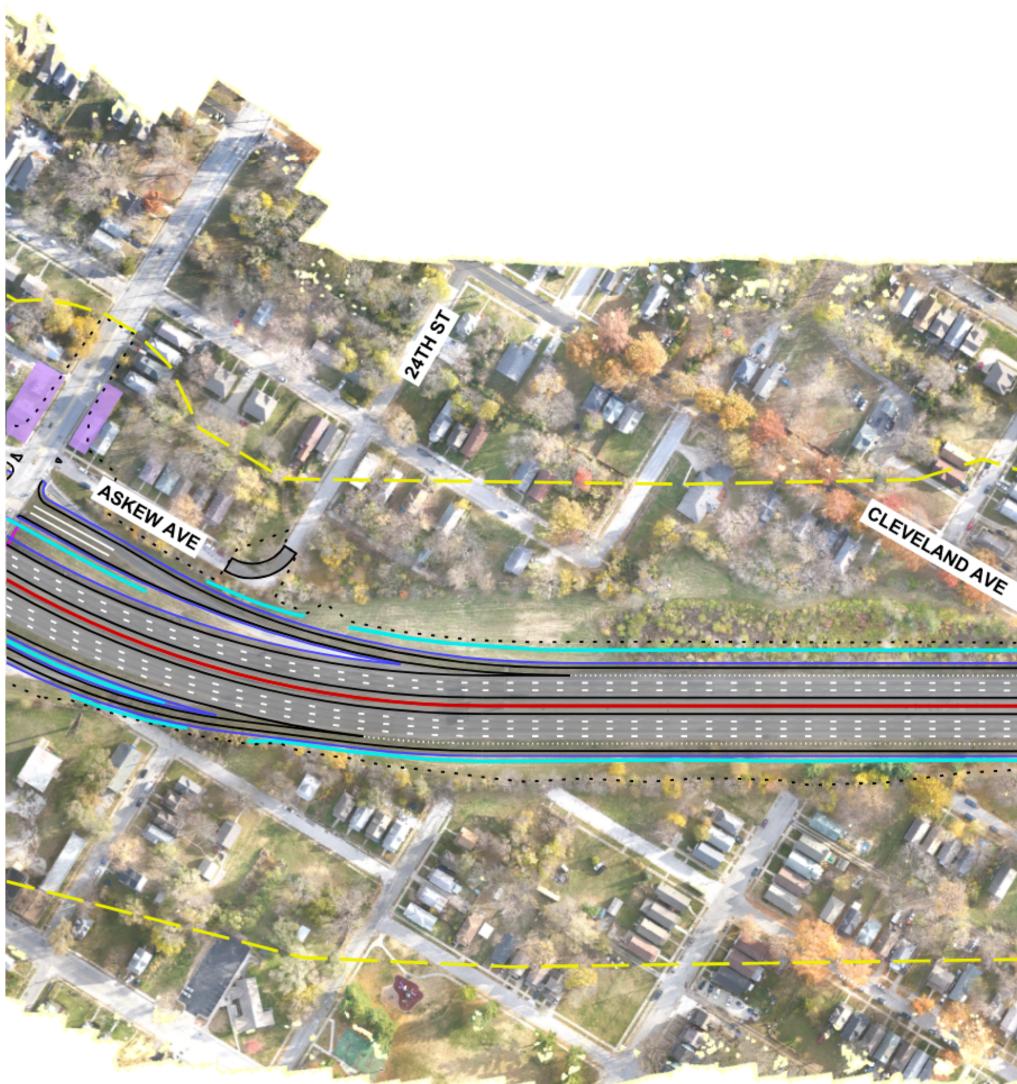






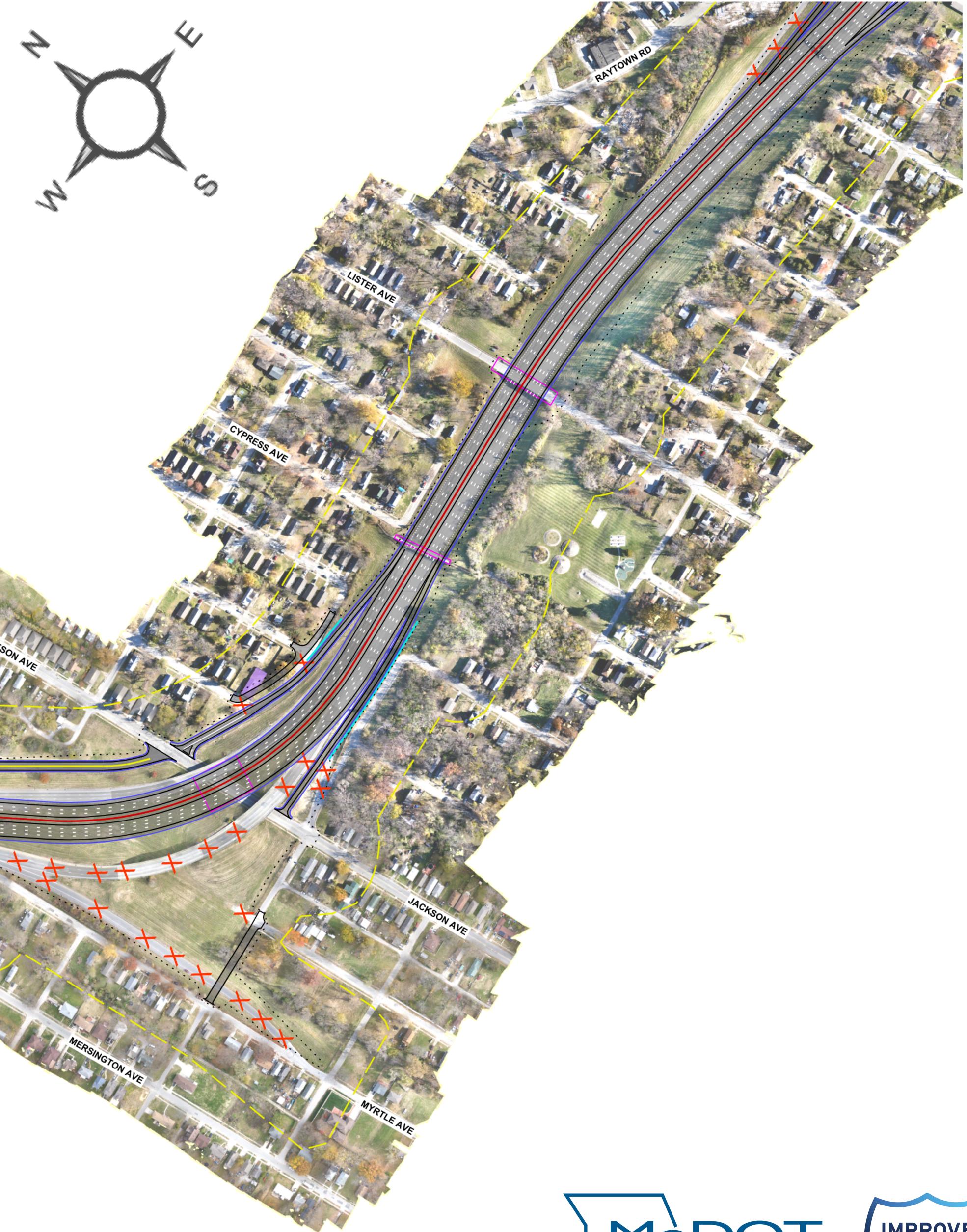


Segment three within project study area



## **DRAFT - subject to change**

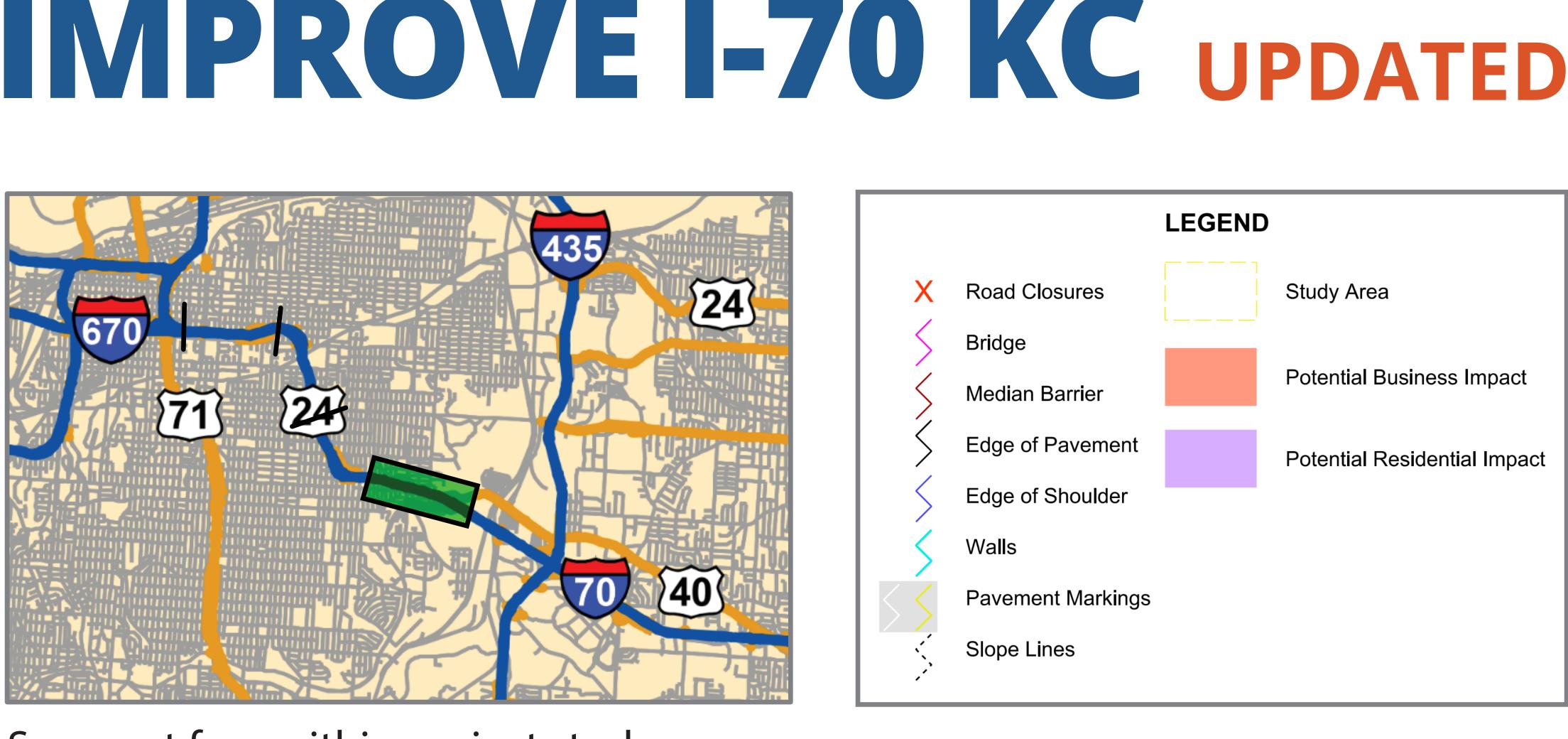
# IMPROVE I-70 KC UPDATED 2022 Preferred Alternative Concept



A re-evaluation of the I-70 corridor between The Paseo and U.S. 40





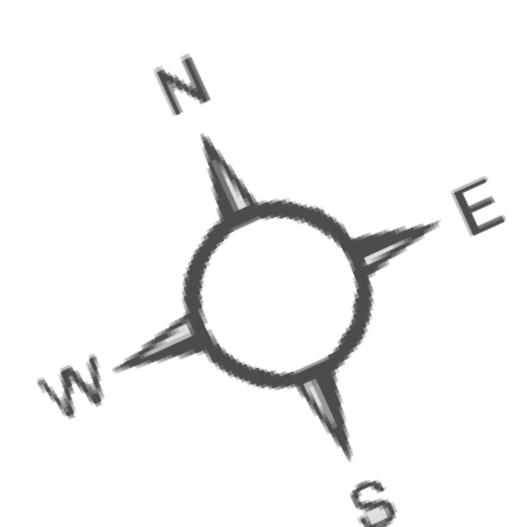


Segment four within project study area



## **DRAFT - subject to change**

# IMPROVE I-70 KC UPDATED 2022 Preferred Alternative Concept



A re-evaluation of the I-70 corridor between The Paseo and U.S. 40









23rd Street roundabout





Truman Road roundabout

**UPDATED 2022 Preferred Alternative Concept | DRAFT - subject to change** 

# IMPROVE I-70 KC A re-evaluation of the I-70 corridor between The Paseo and U.S. 40

### Roundabouts

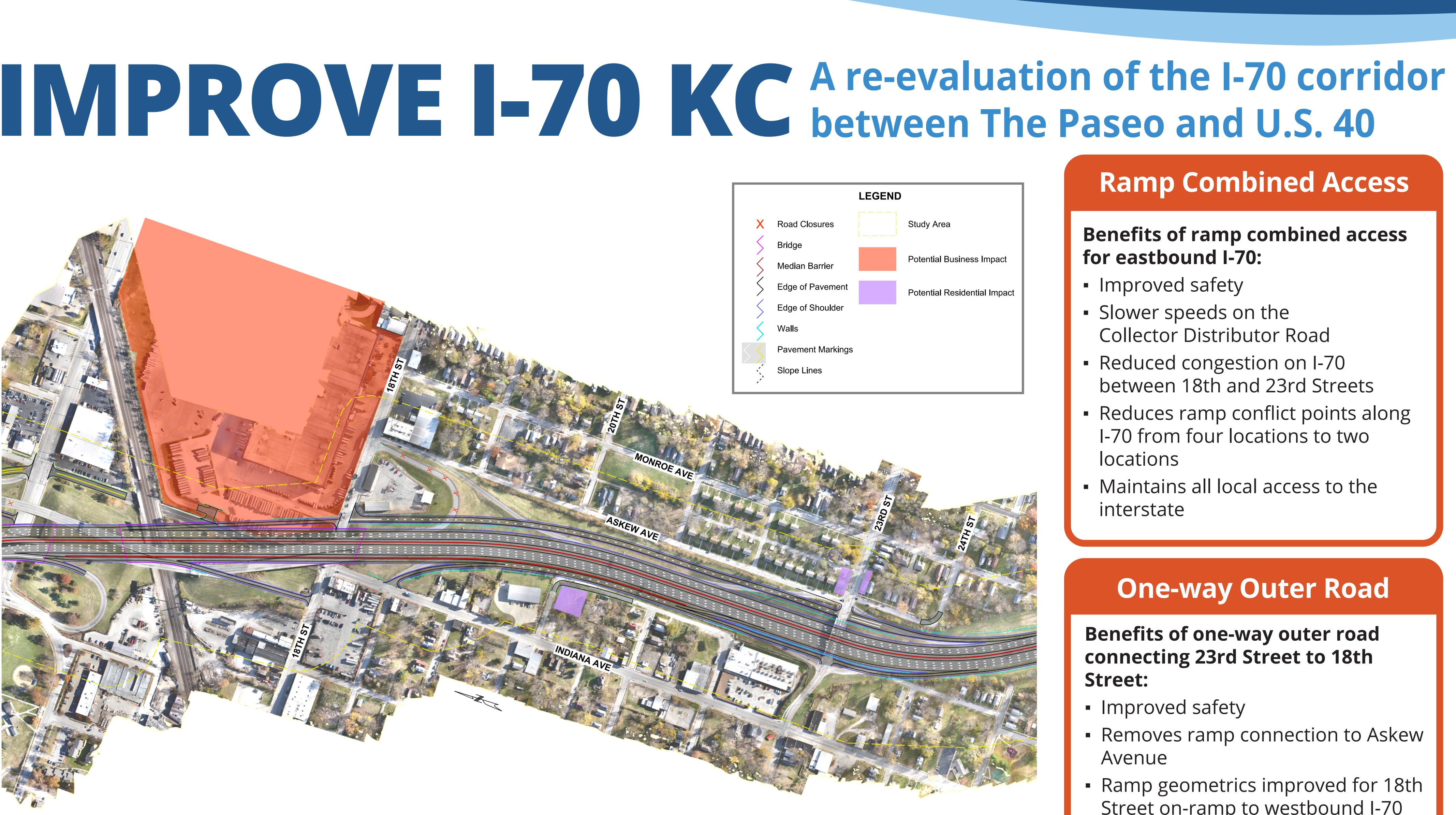
### **Benefits of**

- roundabouts:
- Improved safety
- Reduced congestion
- Reduced pollution
- Cost savings
- Compliments multimodal access
- Opportunity for enhancements

LEGEND			
X	Road Closures		Study Area
5	Bridge		
5	Median Barrier		Potential Business Impact
5	Edge of Pavement		Potential Residential Impact
5	Edge of Shoulder		
Ś	Walls		
5	Pavement Markings		
	Slope Lines		

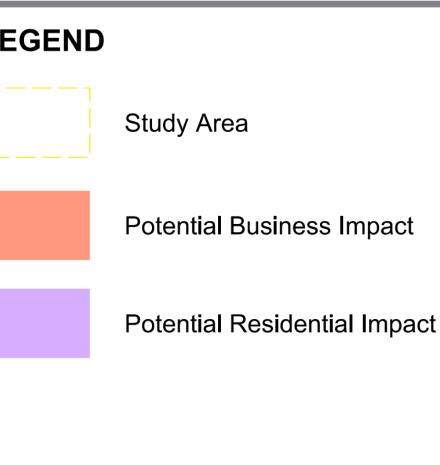






Highlight of two areas: 1.Indiana Avenue and 18th Street 2. 18th Street and 23rd Street

## **UPDATED 2022 Preferred Alternative Concept | DRAFT - subject to change**



### **Benefits of ramp combined access** for eastbound I-70:

- locations
- interstate

## **One-way Outer Road**

## Street:

- Improved safety
- Avenue
- traffic

## **Ramp Combined Access**

 Improved safety Slower speeds on the **Collector Distributor Road**  Reduced congestion on I-70 between 18th and 23rd Streets Reduces ramp conflict points along I-70 from four locations to two Maintains all local access to the

Benefits of one-way outer road connecting 23rd Street to 18th

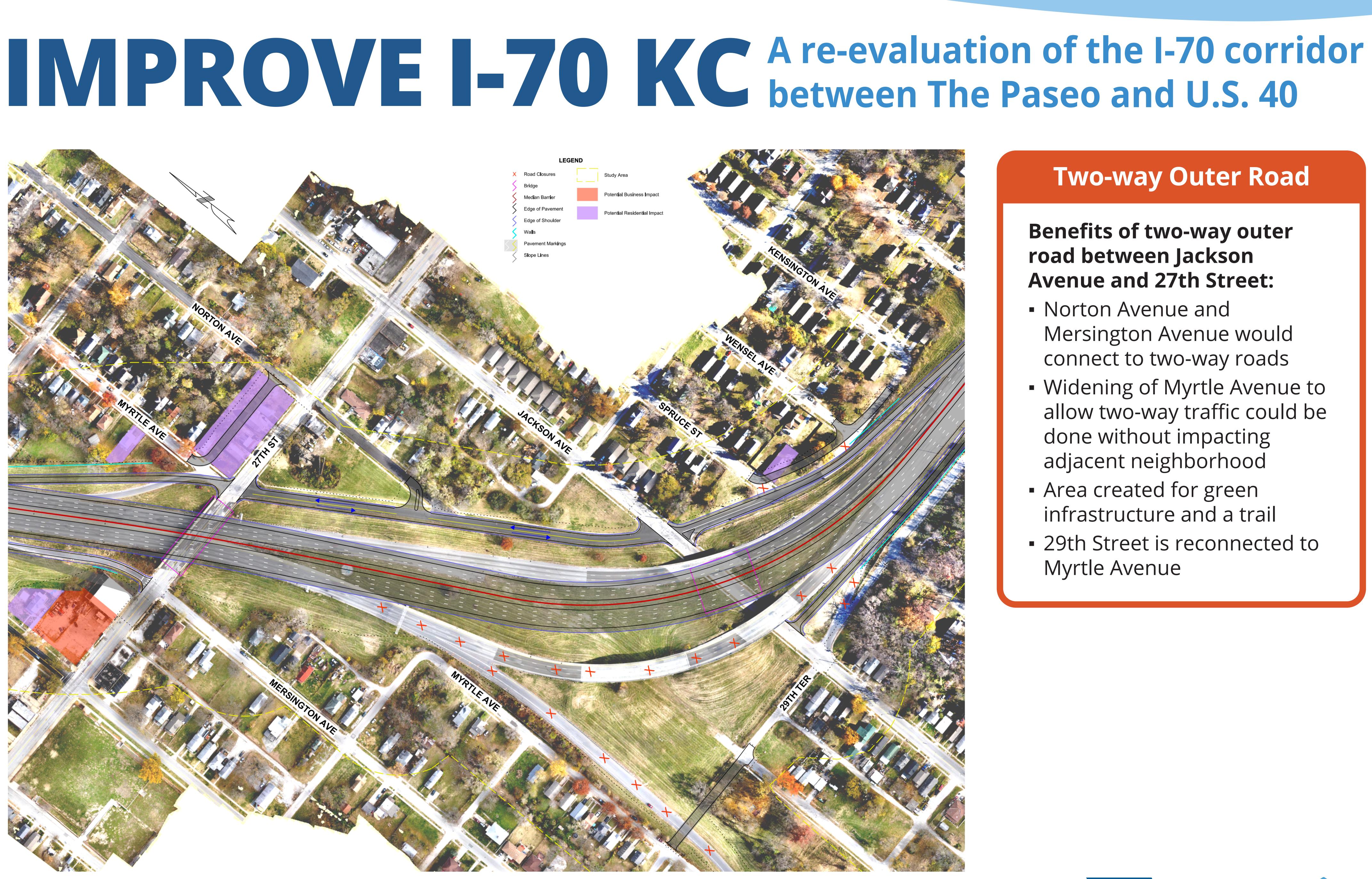
Removes ramp connection to Askew

 Ramp geometrics improved for 18th Street on-ramp to westbound I-70 Separates local traffic from ramp

 Easier for trucks to get to westbound I-70







Jackson Avenue and 27th Street area

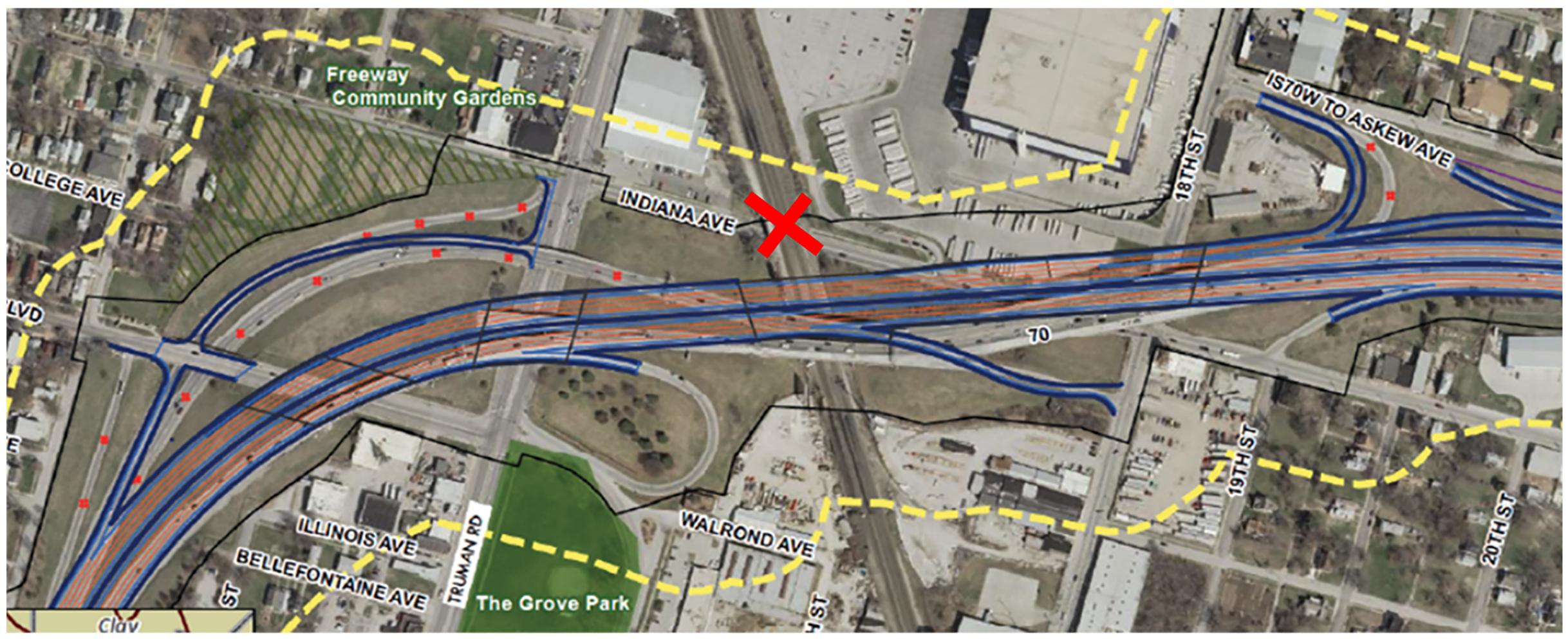
## **UPDATED 2022 Preferred Alternative Concept | DRAFT - subject to change**

### **Two-way Outer Road**

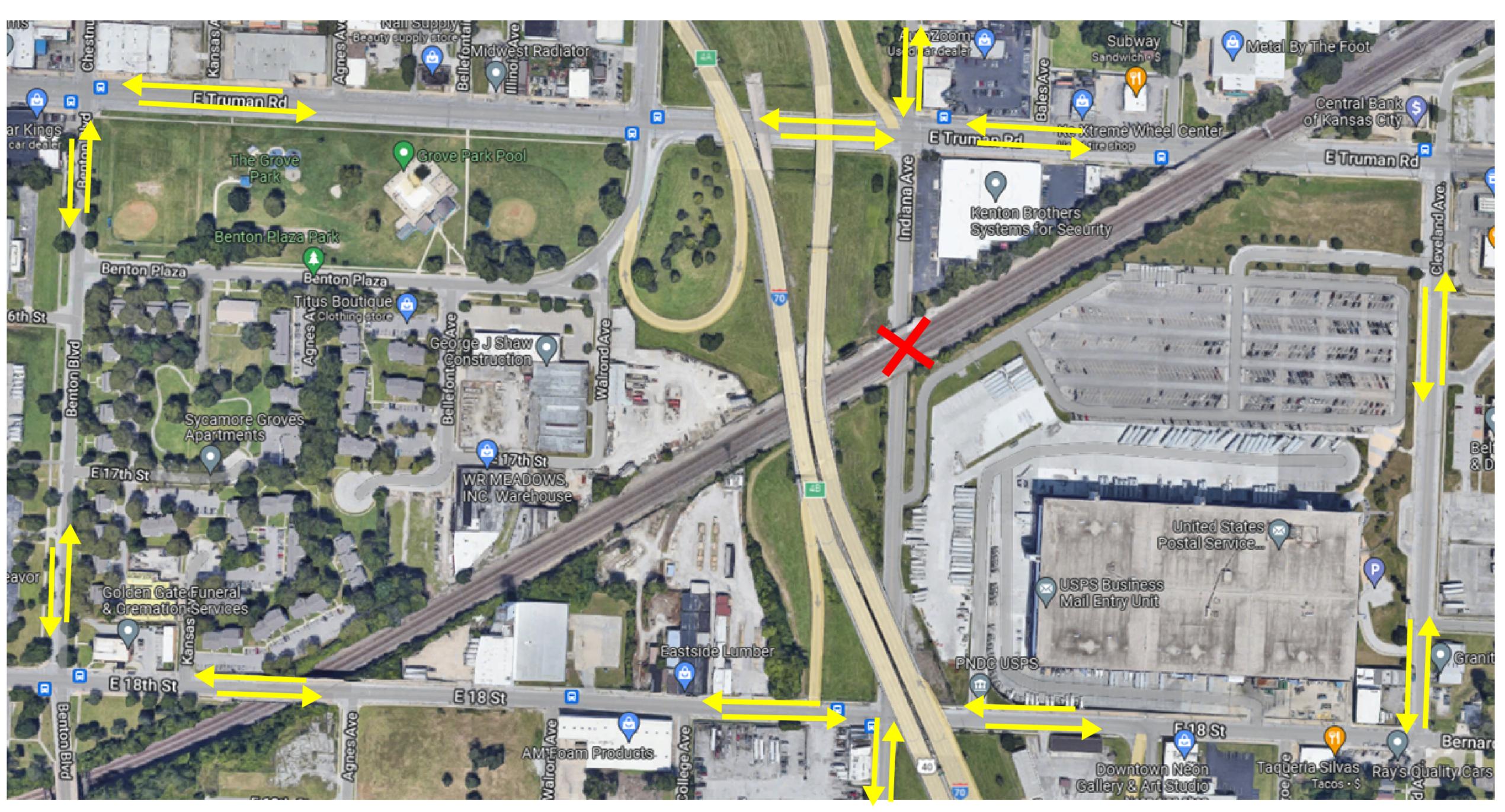
**Benefits of two-way outer** road between Jackson **Avenue and 27th Street:**  Norton Avenue and Mersington Avenue would connect to two-way roads Widening of Myrtle Avenue to allow two-way traffic could be done without impacting adjacent neighborhood Area created for green infrastructure and a trail 29th Street is reconnected to Myrtle Avenue







Indiana Avenue railroad bridge removal



Traffic operations after Indiana Avenue railroad bridge removal

## **DRAFT - subject to change**



Indiana Avenue railroad bridge street view

## Railroad Bridge at Indiana Ave.

### **Benefits of Indiana Bridge** removal:



Increased safety

Provides more flexibility with

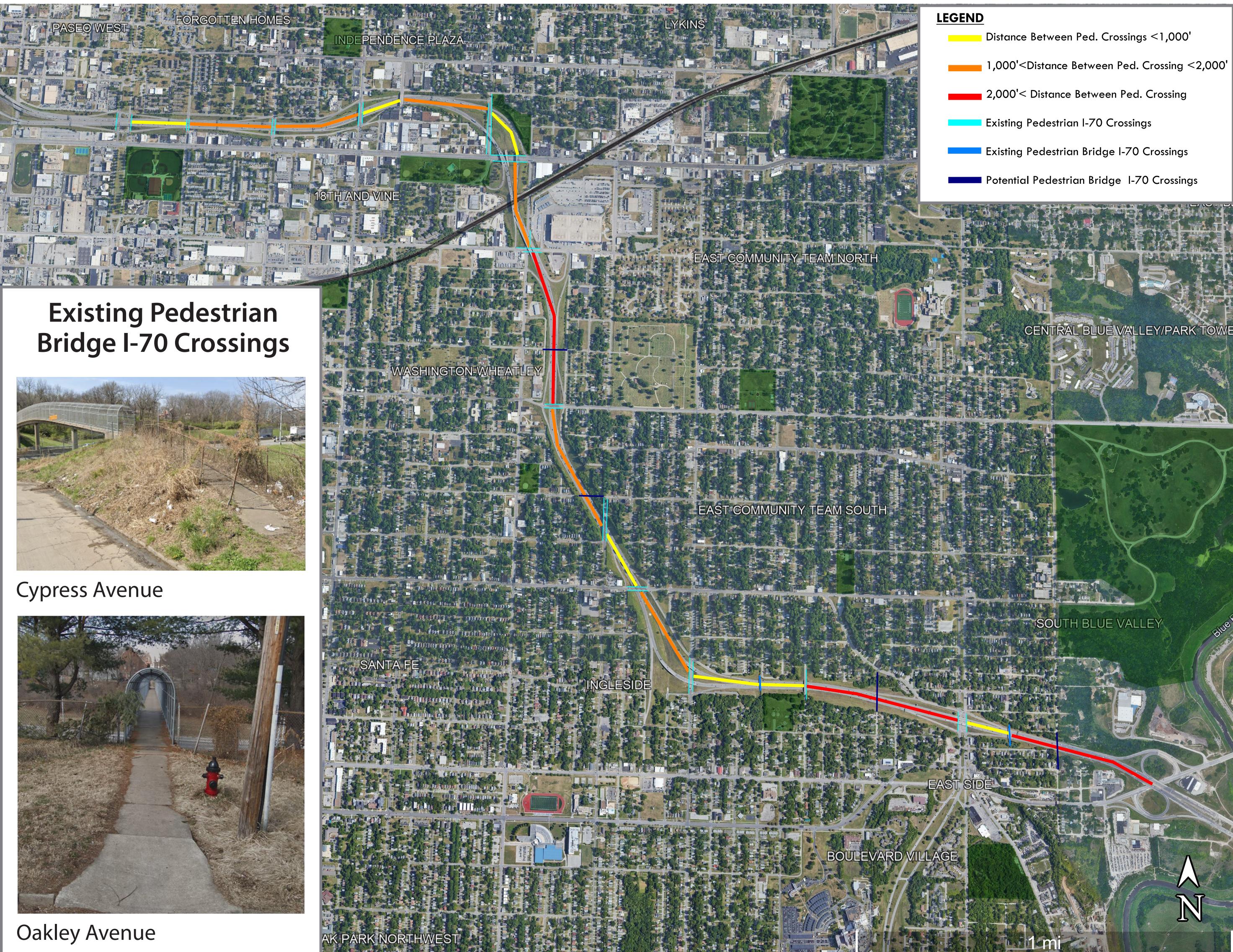
construction activities

Removes crumbling bridge

from transit system













### **DRAFT - subject to change** A re-evaluation of the I-70 corridor between The Paseo and U.S. 40

## **Pedestrian Connectivity**

## Benefits of pedestrian bridges in preferred locations: Increased walkability for



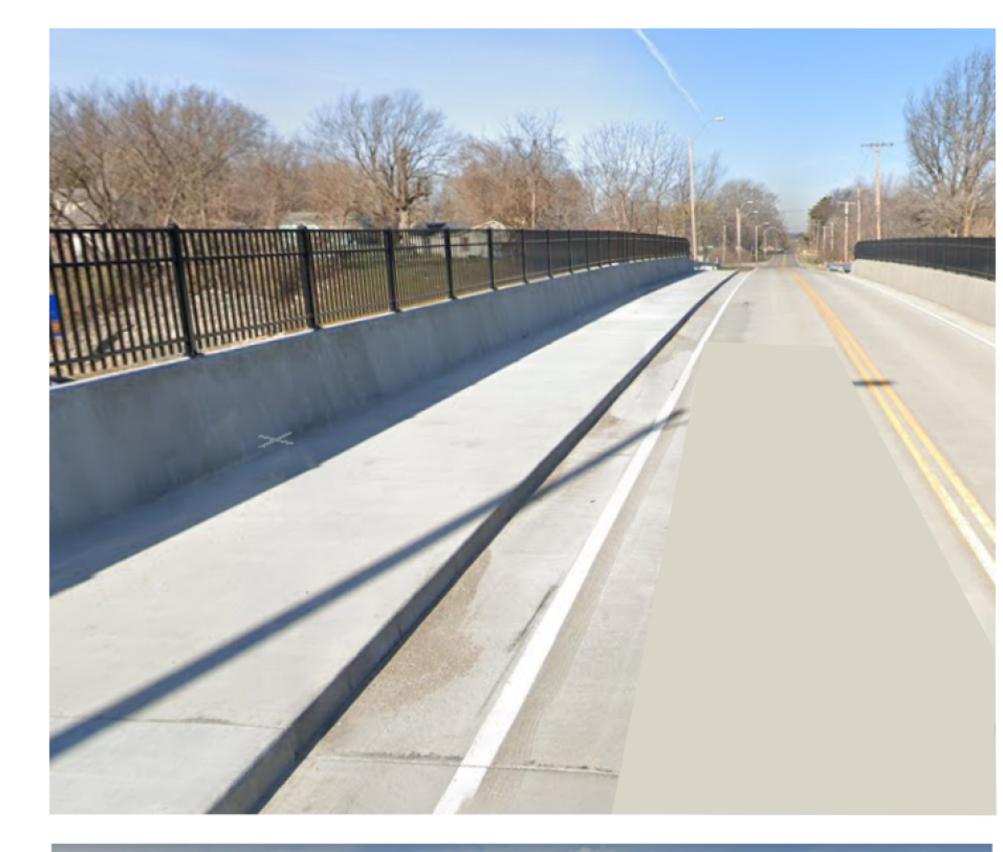


neighborhoods across I-70 Increased functionality Wider pedestrian bridges increase safety and accessibility

> Two examples of improved pedestrian bridge crossings









Examples of wide shared-use paths on local streets

## **Shared-use Paths**

### **Benefits of shared-use paths:**

- Increased accessibility
- Increased multimodal use
- Ties into future KCMO multimodal plans

## **DRAFT - subject to change**

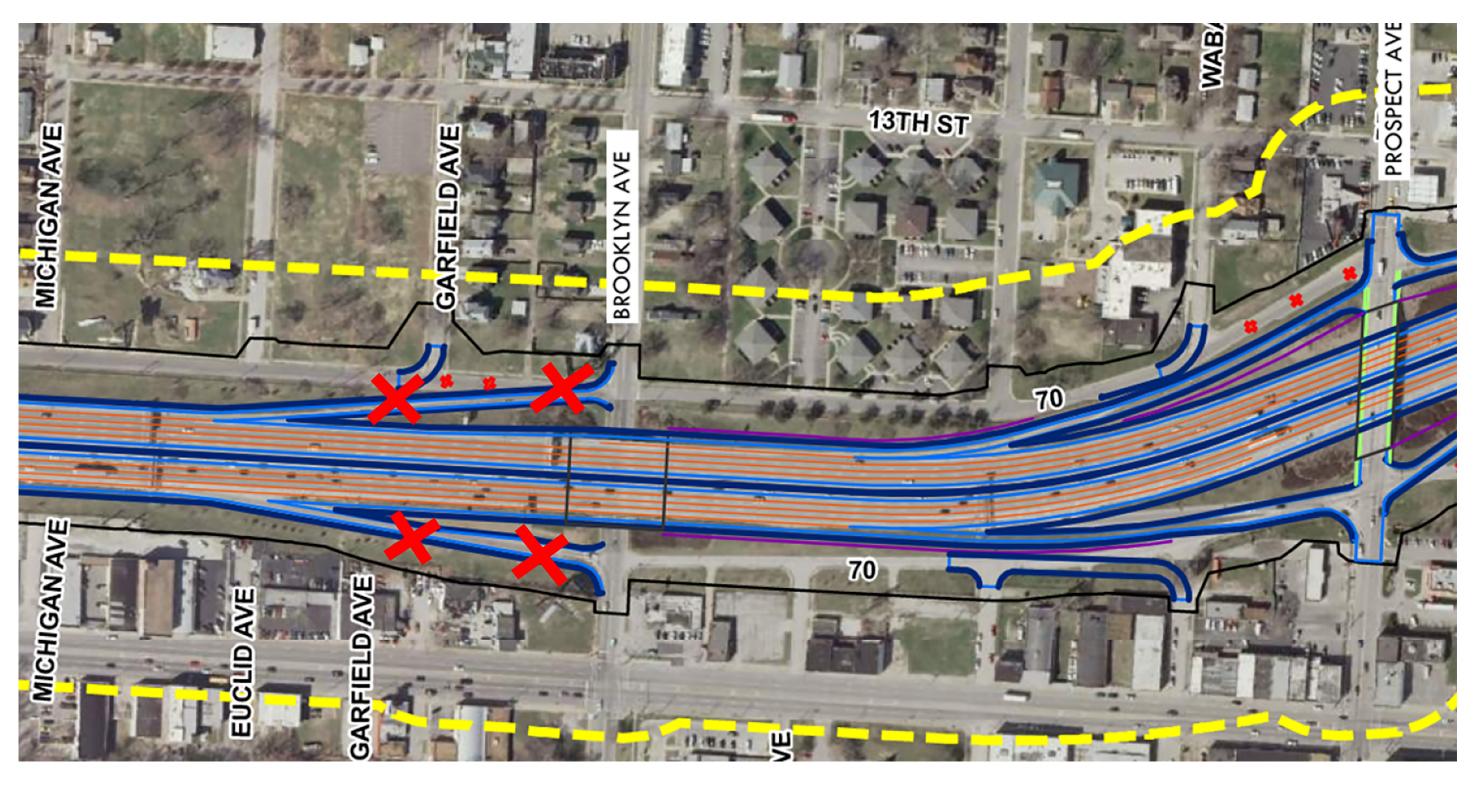


Example of buses on interstate shoulder

## **Bus on Shoulder**

### **Benefits of bus on shoulder:**

- Supports alternate routes for buses to provide timely connections to the community
- Creates a safer area for cars to pull out of traffic
- Allows maintenance and emergency vehicles a space to safely work
- Provides an escape lane to re-route traffic during accidents



Removal of direct access at Brooklyn Avenue

## **Brooklyn Avenue Ramps**

## **Benefits of removal of**

- Increased safety
- Decreased congestion
- Access could still be streets



**Brooklyn Avenue ramps:** maintained via other nearby



