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Open House #1

February 2, 2023

K96IMPROVEMENTS.com
info@K96IMPROVEMENTS.com



Agenda

-  Project Overview
-  Project Need
-  Project Timeline
-  Design Process
-  Preliminary Design Concepts
-  Next Steps
-  Contact Us



Partners



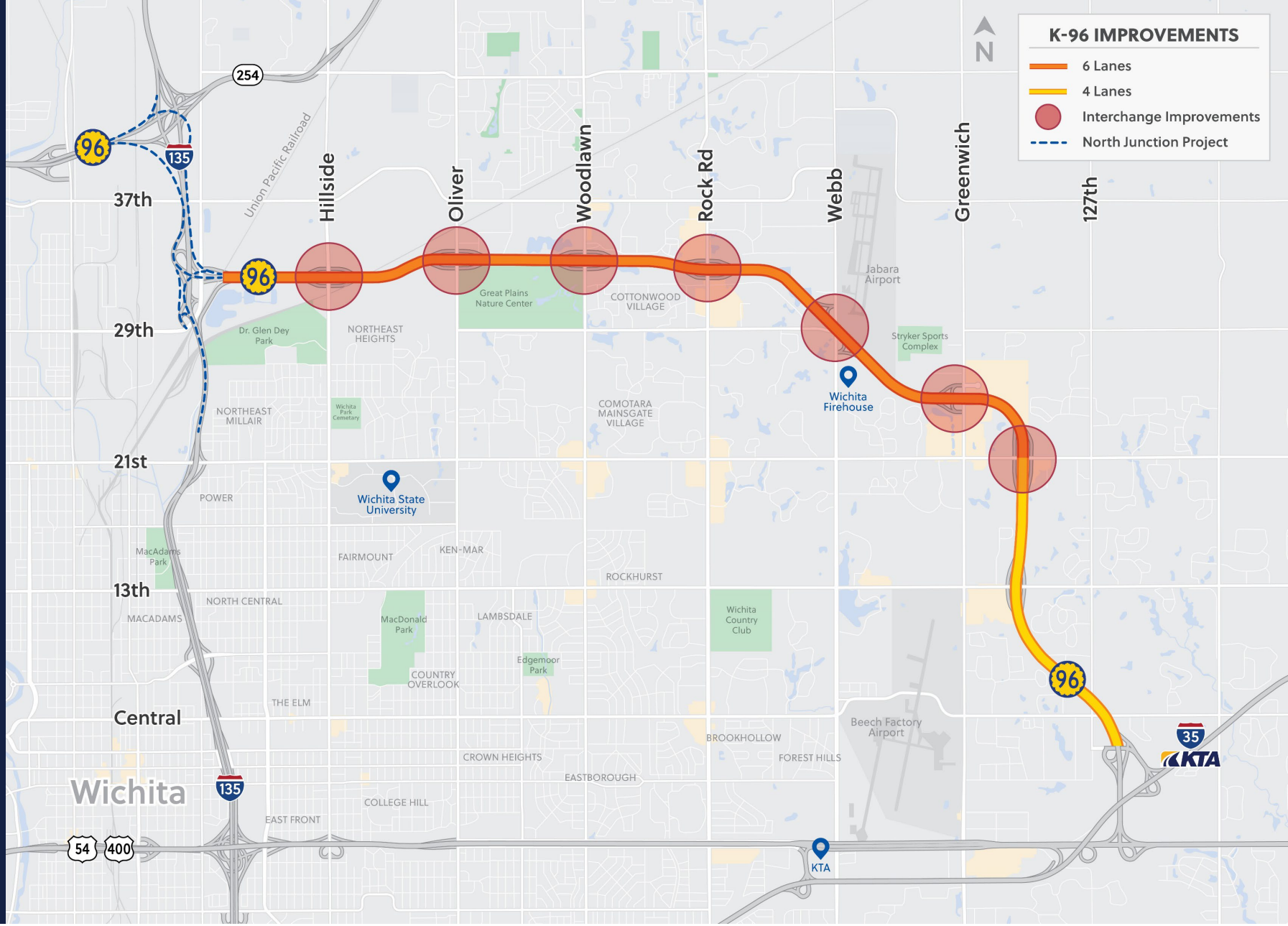
U.S. Department
of Transportation
**Federal Highway
Administration**



Project Overview

The **K-96 Improvements Project** is part of the IKE design pipeline, and it will upgrade the K-96 corridor between I-135 and I-35.

The project will replace aging pavement, enhance safety, increase capacity and improve interchanges at Hillside, Oliver, Woodlawn, Rock, Webb, Greenwich, and 21st.



Project Needs

- **Improve safety** and address crash frequency & severity within the corridor
- **Replace aging pavement**
- **Reduce congestion & improve traffic operations** to meet existing and future travel demands
- Provide flexible choices by promoting a transportation system that **accommodates the needs for all users and modes**
- **Support local and regional growth** through coordinated transportation improvements consistent with planned and proposed community land use

Project Need – Replace Aging Pavement



Project Need – Reduce Congestion



EB Off-Ramp at Woodlawn

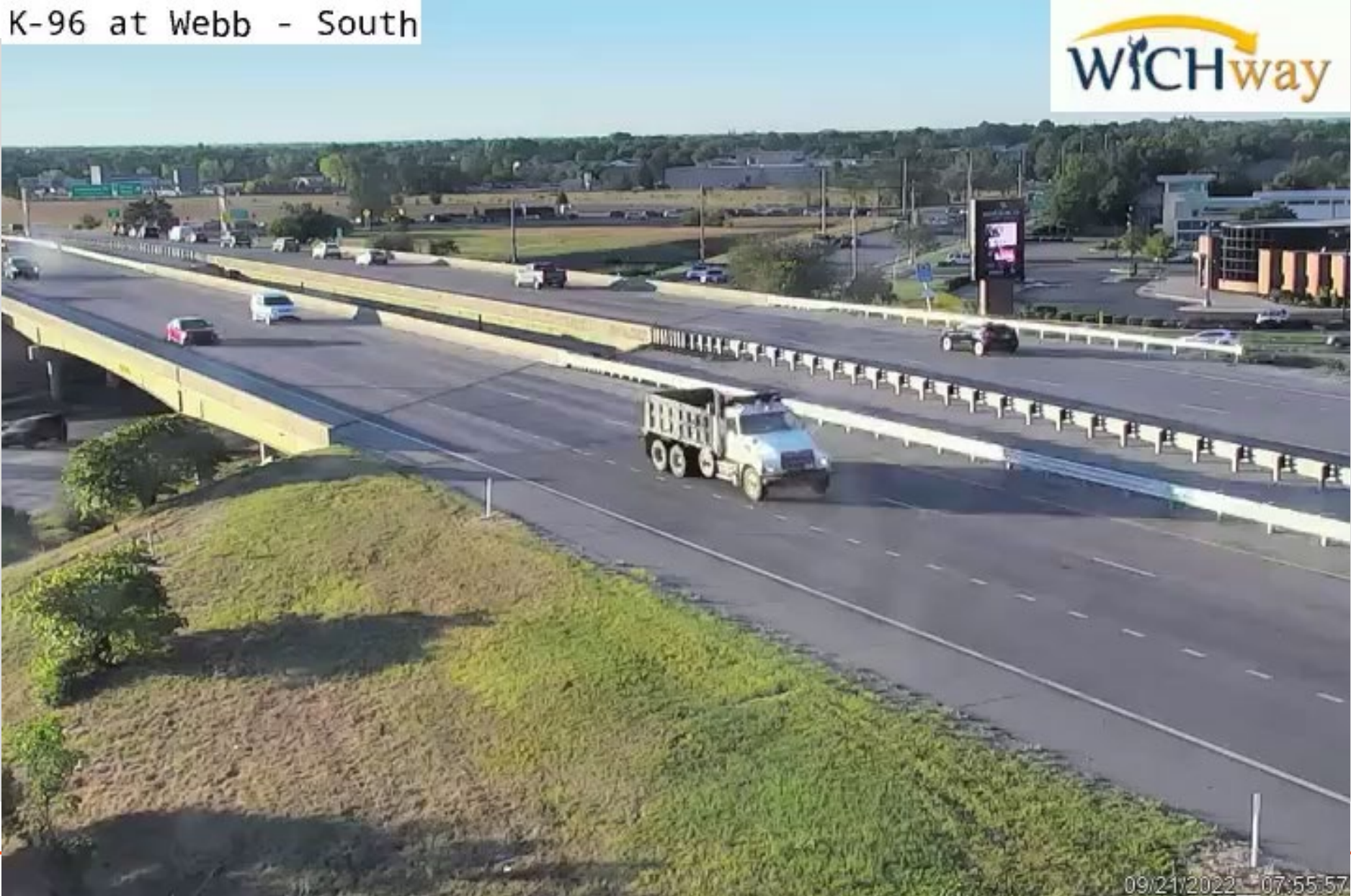
Project Need – Reduce Congestion



EB Off-Ramp at Rock

Project Need – Reduce Congestion & Increase Safety

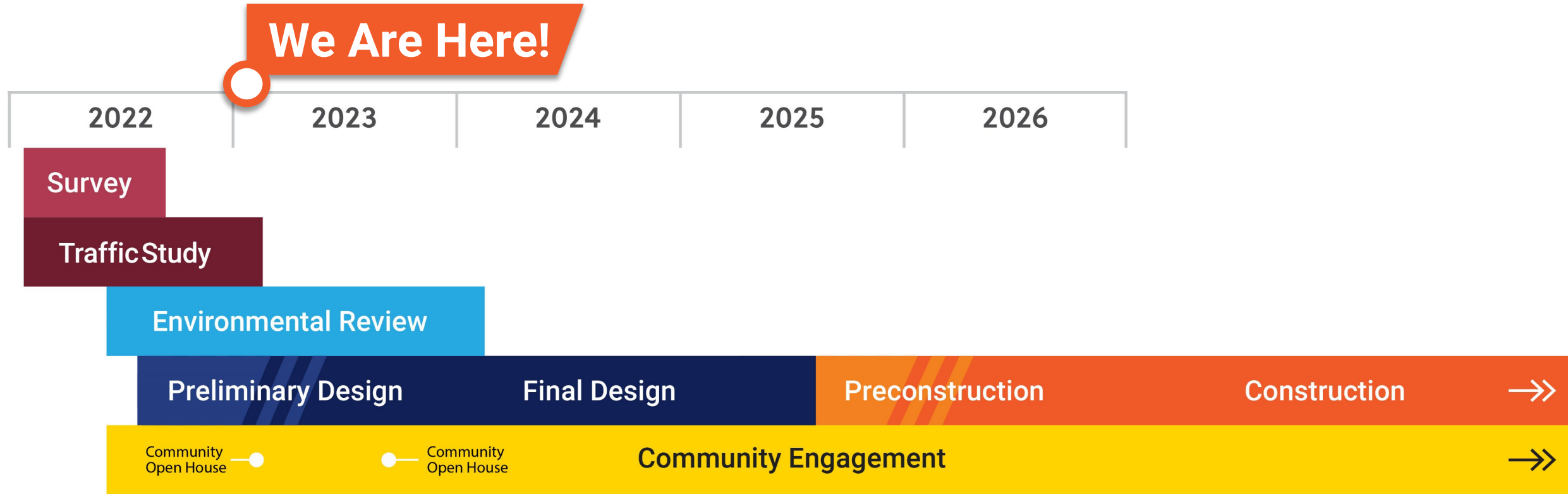
K-96 at Webb - South



Vision Statement

We are improving K-96 to prepare for and meet the demands of future growth in our city and region by relieving congestion and enhancing safety and reliability.

Timeline



Timeline is subject to change as the project evolves. While the project has an anticipated construction schedule, funding has not been allocated at this time. Following The Eisenhower Legacy Transportation Program (IKE Program) requirements, funding is not allocated for construction projects more than two years ahead of construction.

What we're doing.

Steps of an Environmental Assessment:

We Are Here!

Define Purpose & Need

- Define the study area
- Identify what problems or deficiencies need to be addressed
- Hold Community Open House: Feb. 2, 2023
- Hold Agency Scoping Meeting: late Feb./early Mar.

Develop Alternative

- Refine roadway alignment
- Review interchange and grade separation design options
- Develop conceptual cost estimates

Develop Alternatives

- Conduct analyses and field studies
- Coordinate with agencies
- Modify alternative(s) to avoid or minimize impacts
- Determine appropriate mitigation (if needed)

Develop EA Document

- Summarize study findings
- Identify preferred alternative
- Publish document for public review and comment
- Conduct public hearing
- Obtain Federal Highway Administration appeal

What we're doing.

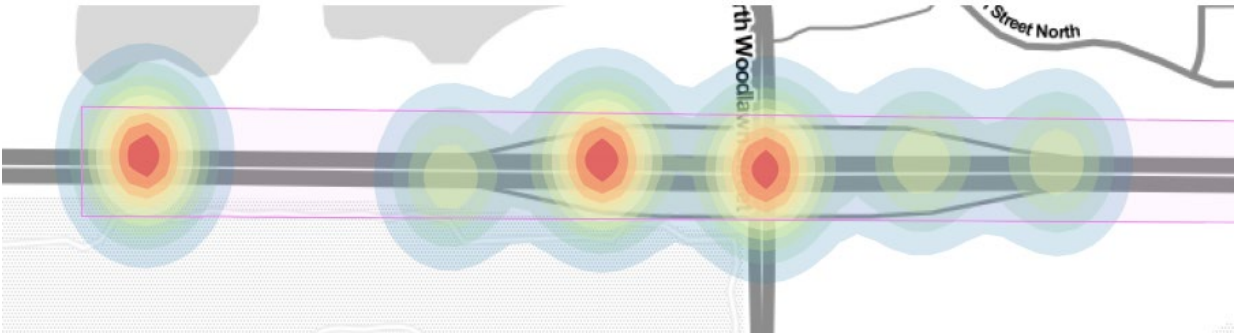
Community Engagement



What we're doing.

Traffic and Safety Study

Concept Design



Preliminary Design Concepts

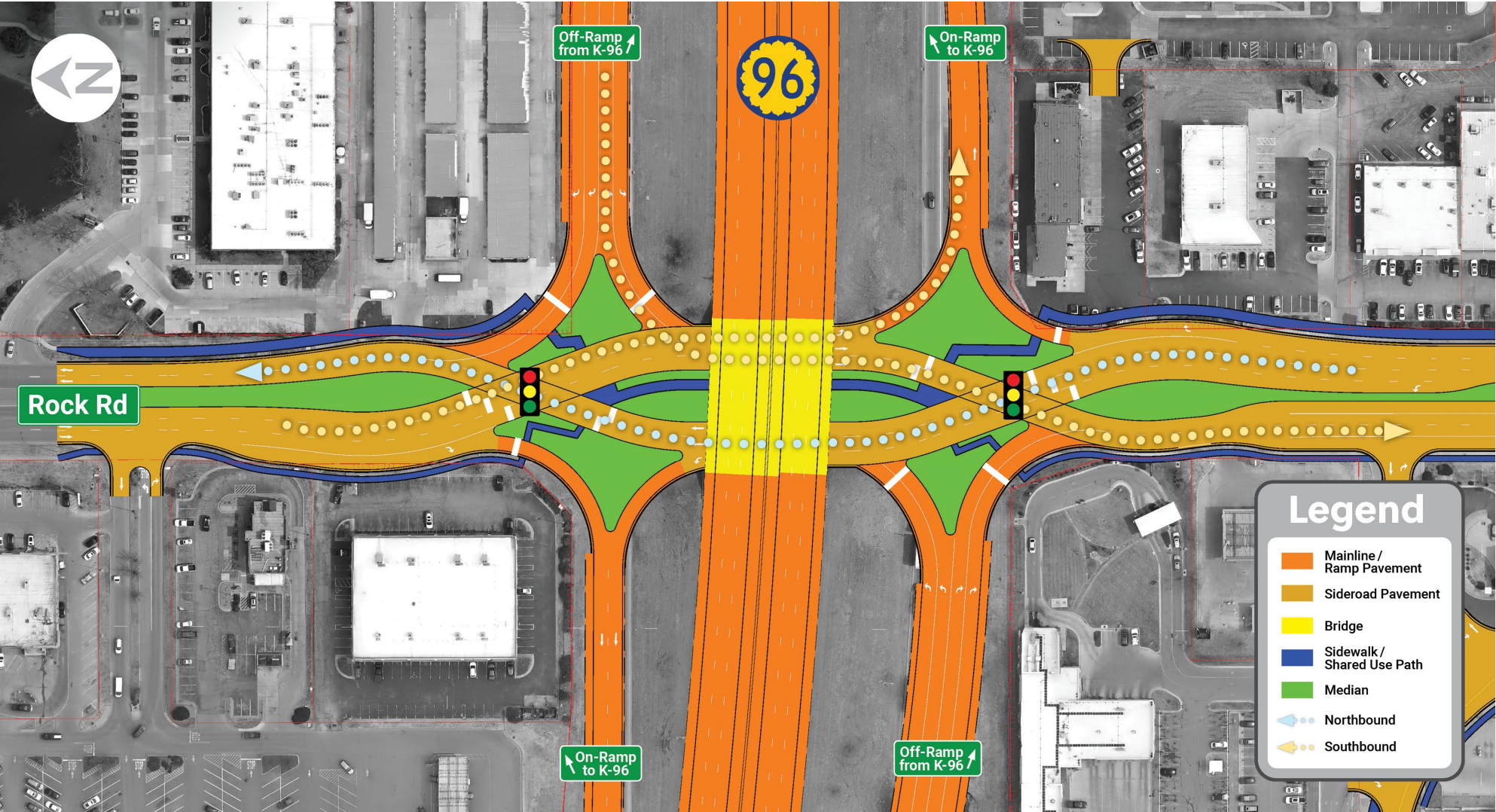
- » Provide Auxiliary Lanes between interchanges
- » Improve Signal Coordination along City Streets within the Project Area
- » Enhance Active Transportation Network
- » Allow for Future Technology Needs



Rock – Option 1 (Diverging Diamond Interchange)



What is a Diverging Diamond Interchange (DDI)?



BENEFITS


Increased Safety
 Safer for cars
 and bikes/pedestrians


Improved Traffic Flow
 Handles more vehicles
 with less delay


**Easier Access to/from
 K-96**

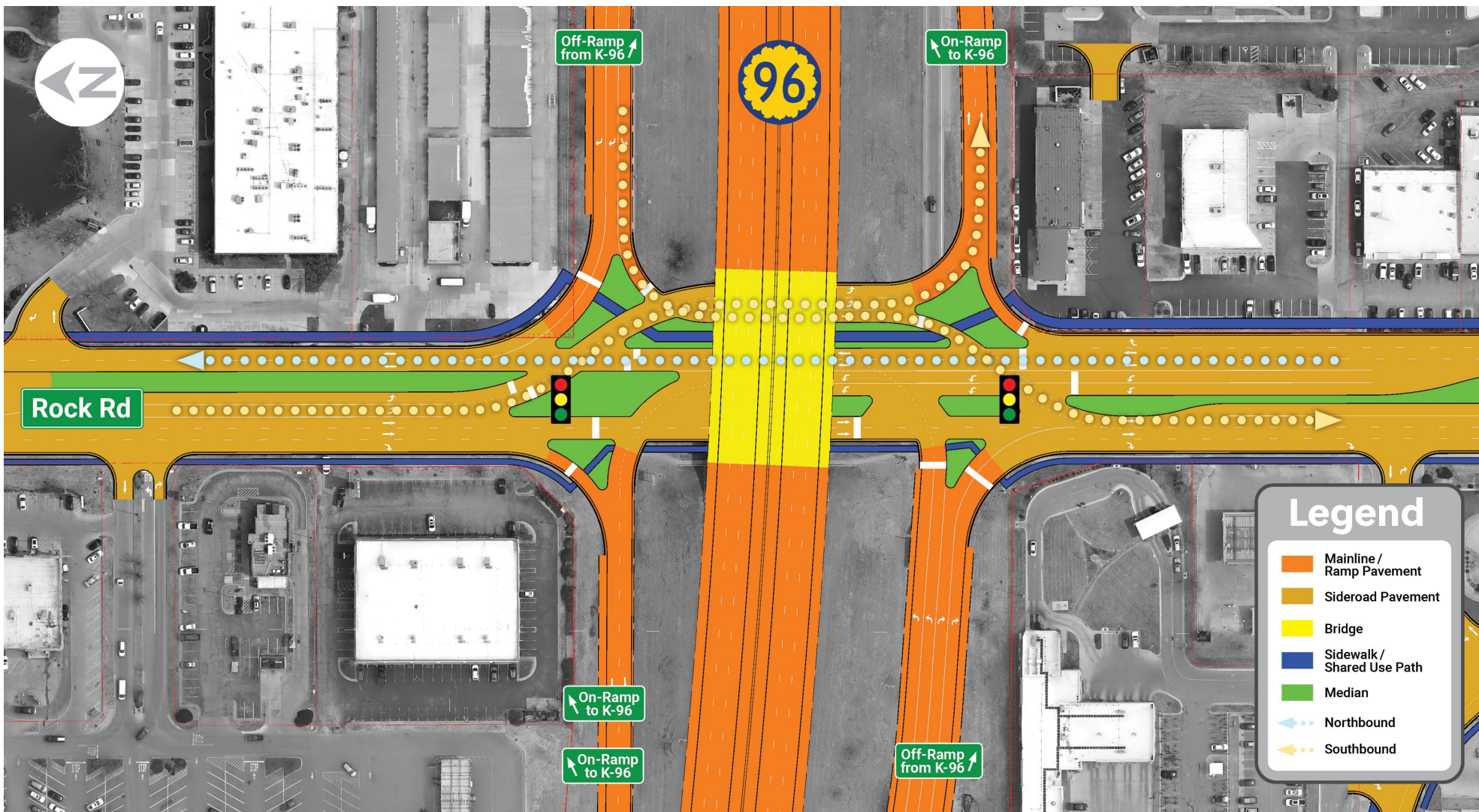

Fewer Impacts
 Requires fewer lanes
 and smaller footprint


Lower Cost

Rock – Option 2 (Displaced Left Turn Interchange)



What is a Displaced Left Turn (DLT) Interchange?



BENEFITS



Increased Safety
Safer for cars and bikes/pedestrians



Improved Traffic Flow
Handles more vehicles with less delay

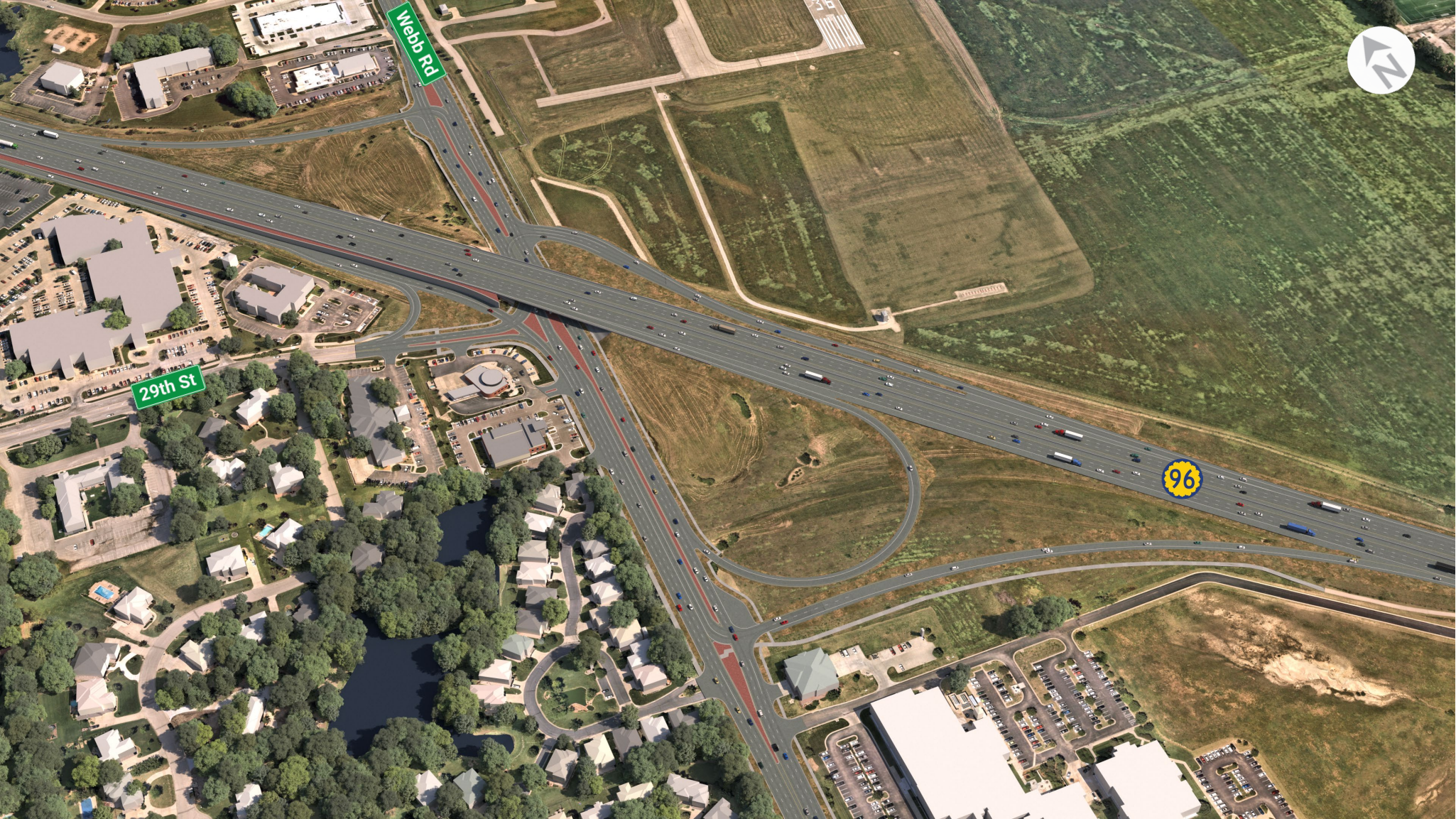


Easier Access to/from K-96

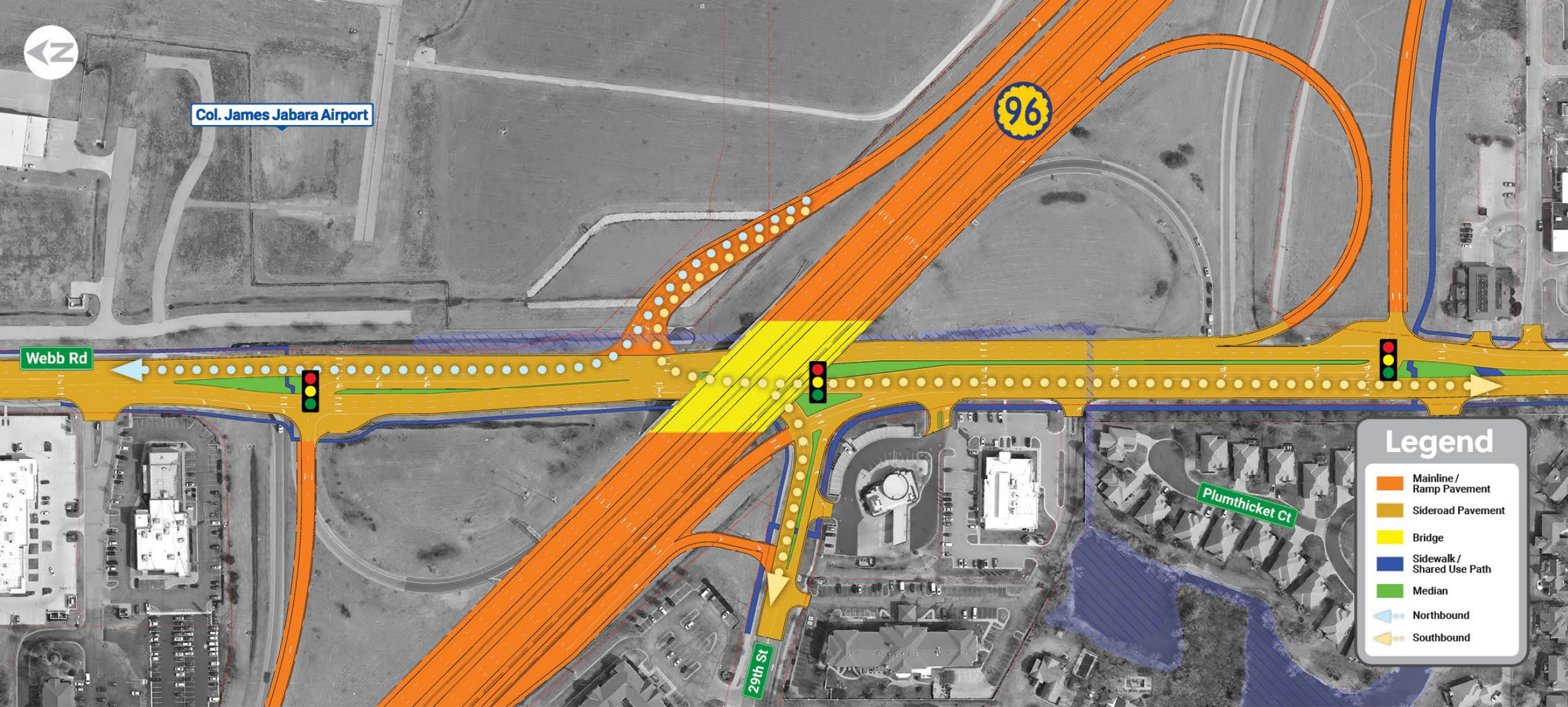


Less Impact to Thru Traffic

Webb



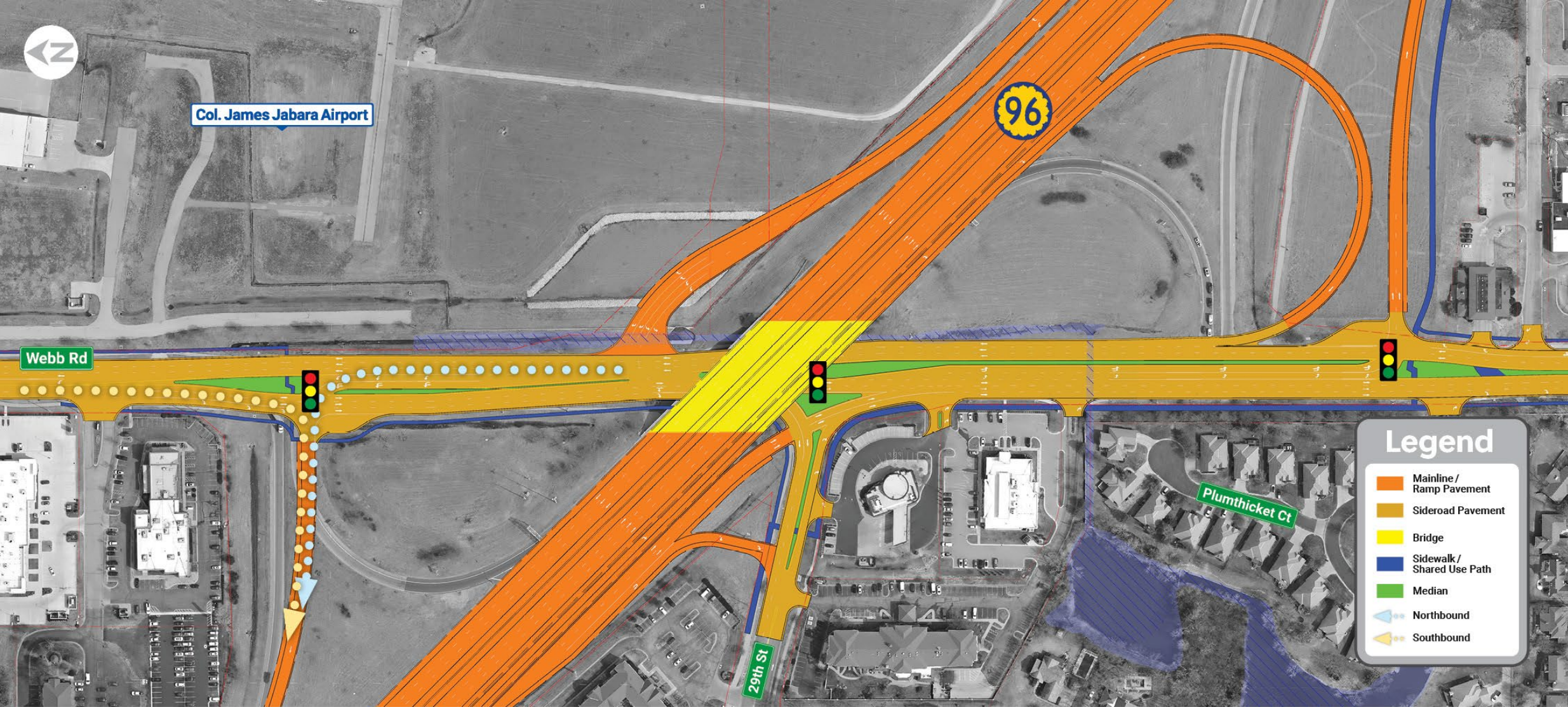
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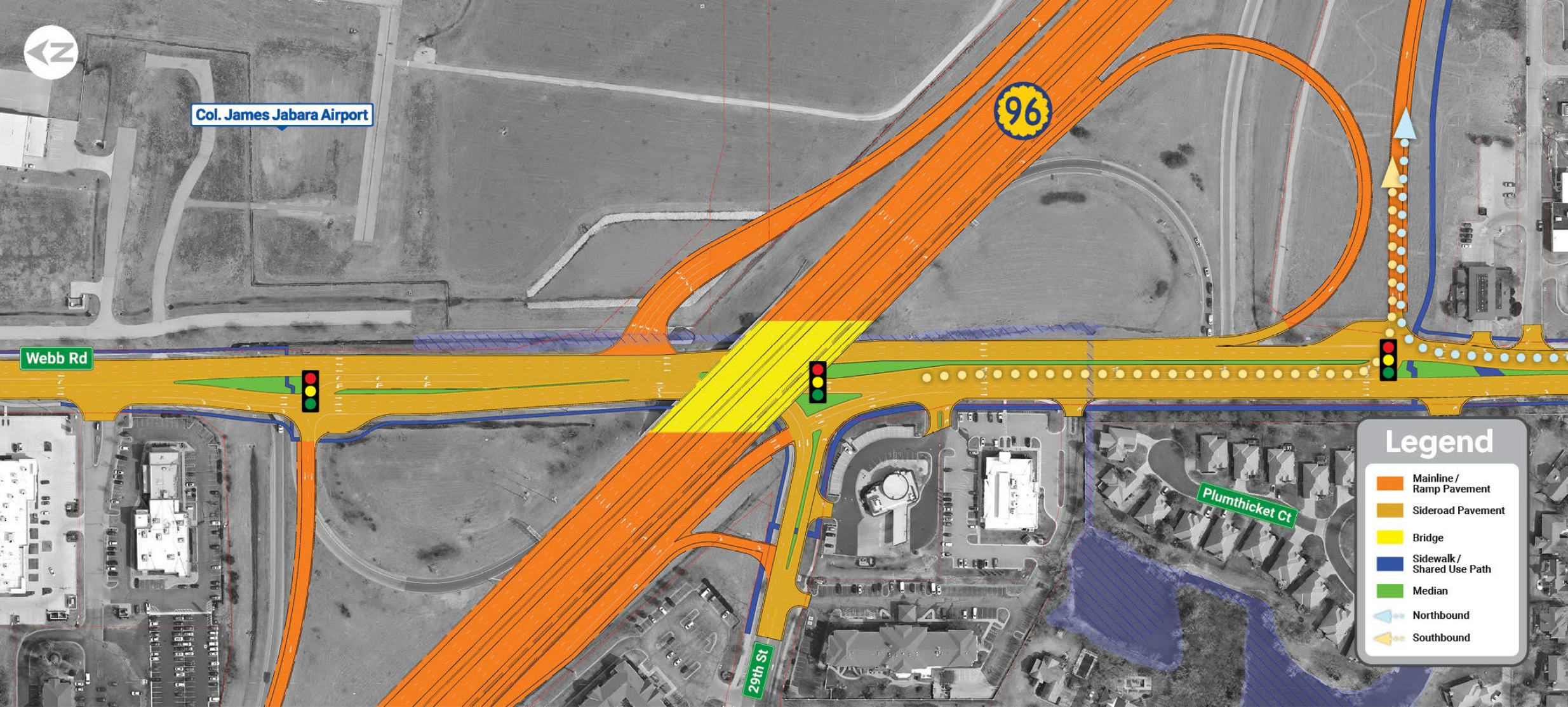
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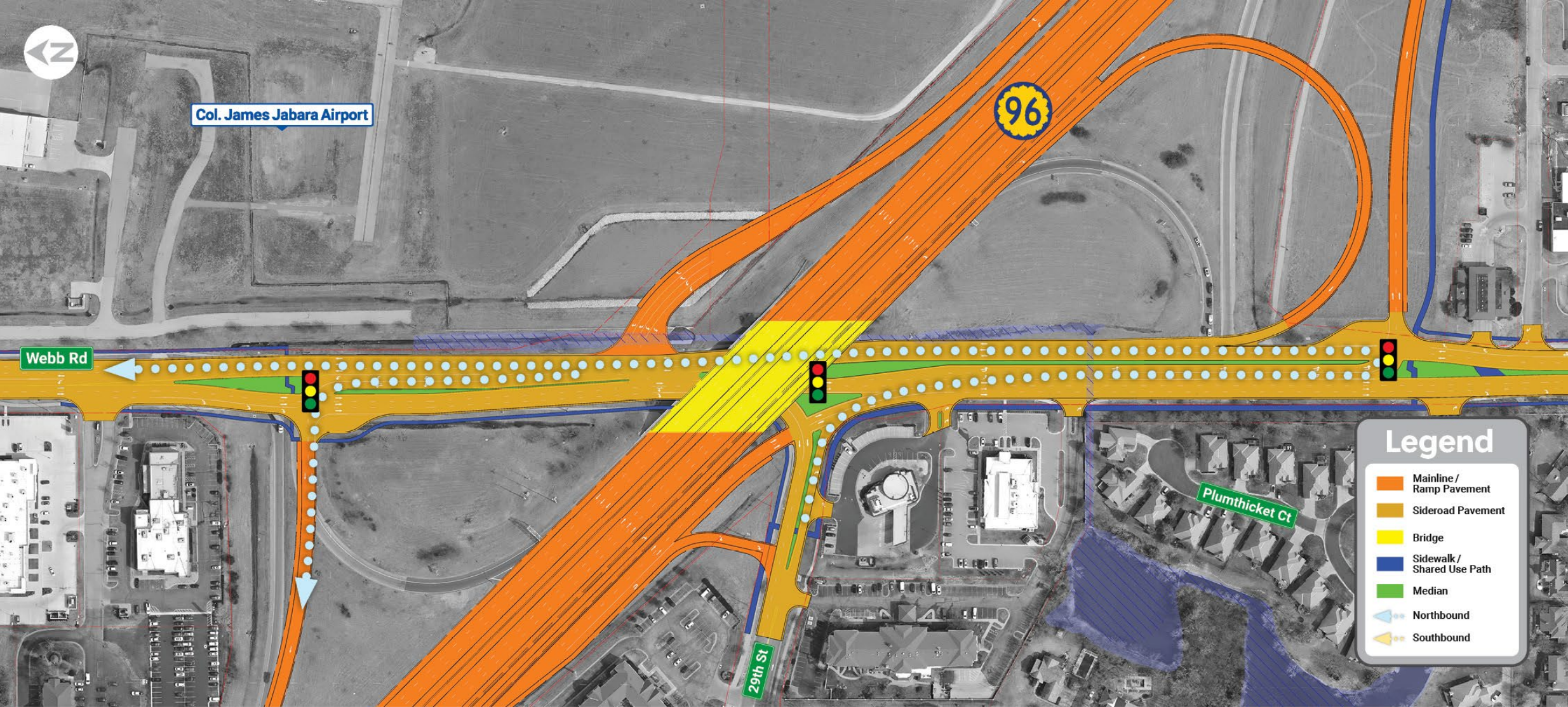
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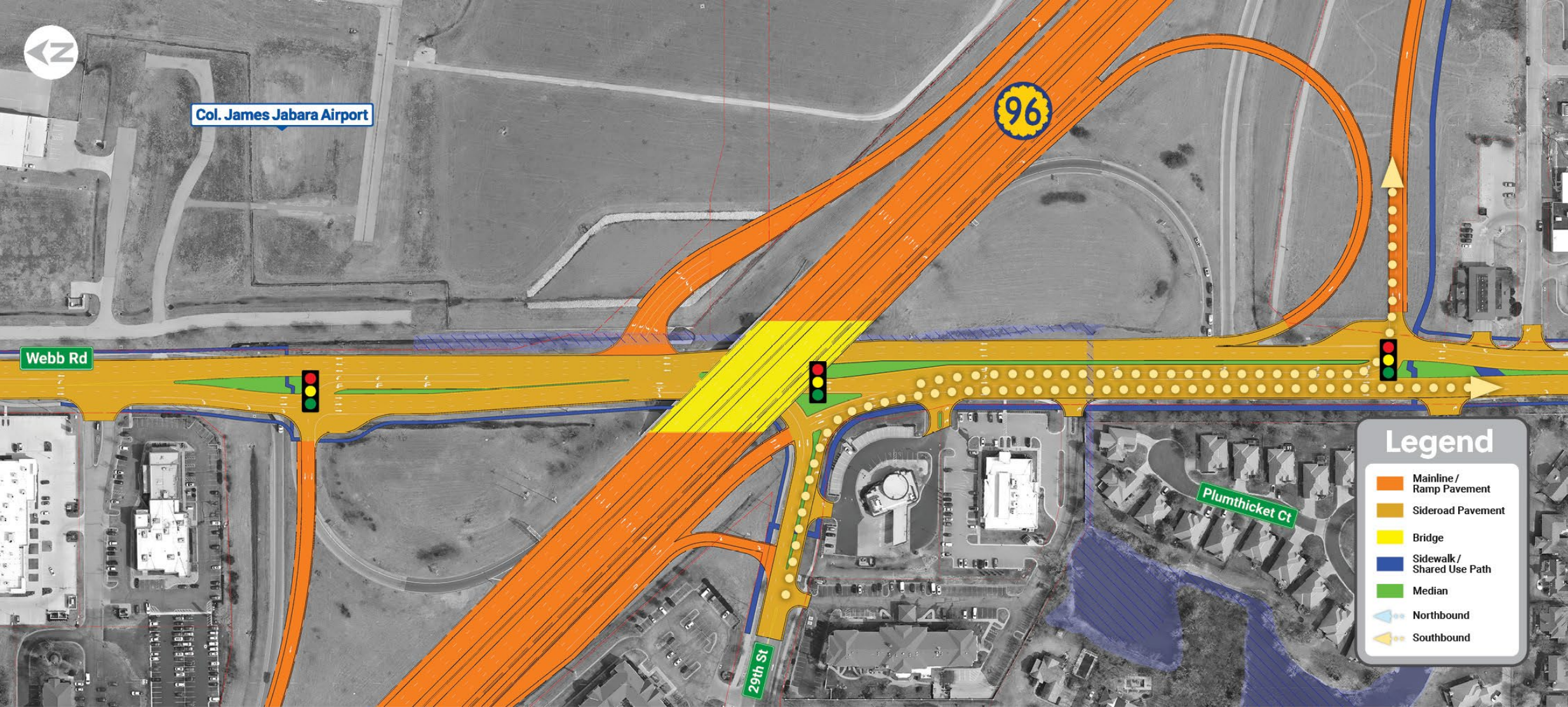
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Webb



Webb



Benefits



Expands K-96

K-96 has more than 50,000 vehicles today and is expected to nearly double by 2050.



Better for you and the environment

Easing congestion will regulate travel during peak periods. Fewer cars idling on the roadway will decrease excess emissions.



Access K-96 with ease

Improved interchanges will reduce queuing on sideroads and ramps.



Safer and reliable roadway for users

The project will ease growing safety, travel-time reliability and congestion issues along K-96, where on average more than 200 accidents have occurred per year from 2015 to 2020.

Next Steps

- Begin NEPA Process – **February 2023**
- Preliminary Design Completed & Open House #2 – **Summer 2023**
- NEPA Process Completed – **Anticipated January 2024**
- Bid Letting – **Anticipated Late 2025**
- Begin Construction – **Anticipated Early 2026**

Contact Us



Phone:
316-290-9691



Email:
info@K96IMPROVEMENTS.com



Website:
K96IMPROVEMENTS.com



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K-96 IMPROVEMENTS

The K-96 Improvements Project aims to upgrade the K-96 corridor between I-135 and I-35. Improvements are needed to enhance safety, relieve traffic congestion, and increase capacity to keep Kansans moving.

Community engagement is vital to the success of this project.

[Get Involved](#)





Thank You