

# WELCOME

## Mobility Study in Dillon and Silverthorne at US 6 & CO 9 Open House

*Moving Traffic More Efficiently Today and in the Future*

**In Partnership With**





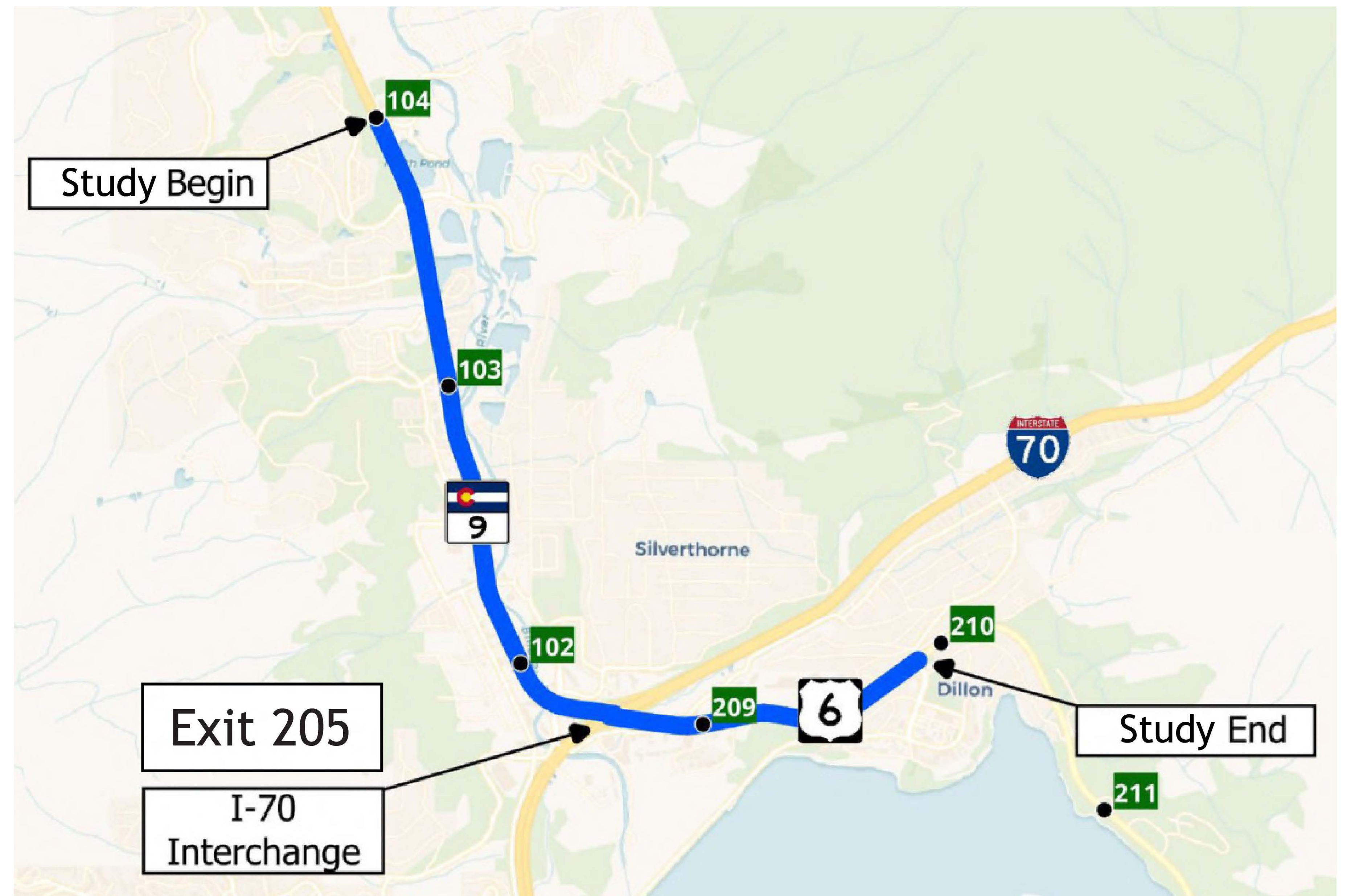
# Mobility Study in Dillon and Silverthorne at US 6 & CO 9

## Study Goal

*Moving Traffic More Efficiently Today and in the Future*

### Goal:

Take a data-driven approach to identify mobility improvements for US 6 & CO 9 in Summit County while maintaining character of local communities.

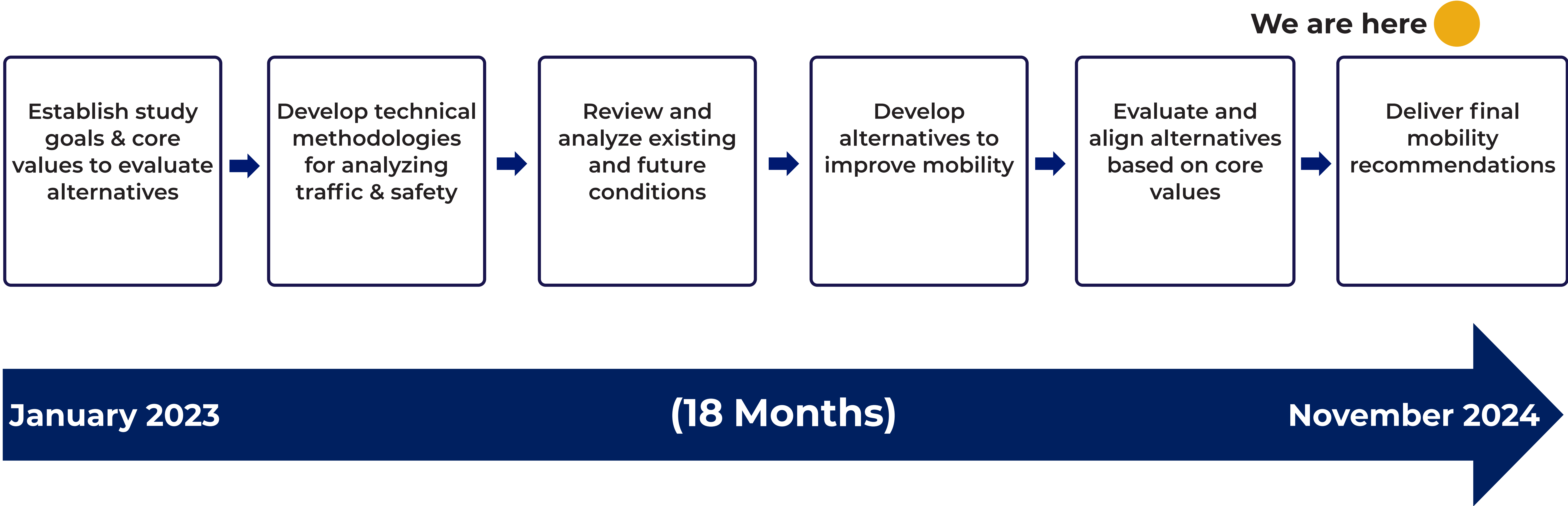


Map of Study Area from MP 104 on CO 9 to MP 210 on US 6



# Mobility Study in Dillon and Silverthorne at US 6 & CO 9

## Study Process & Schedule

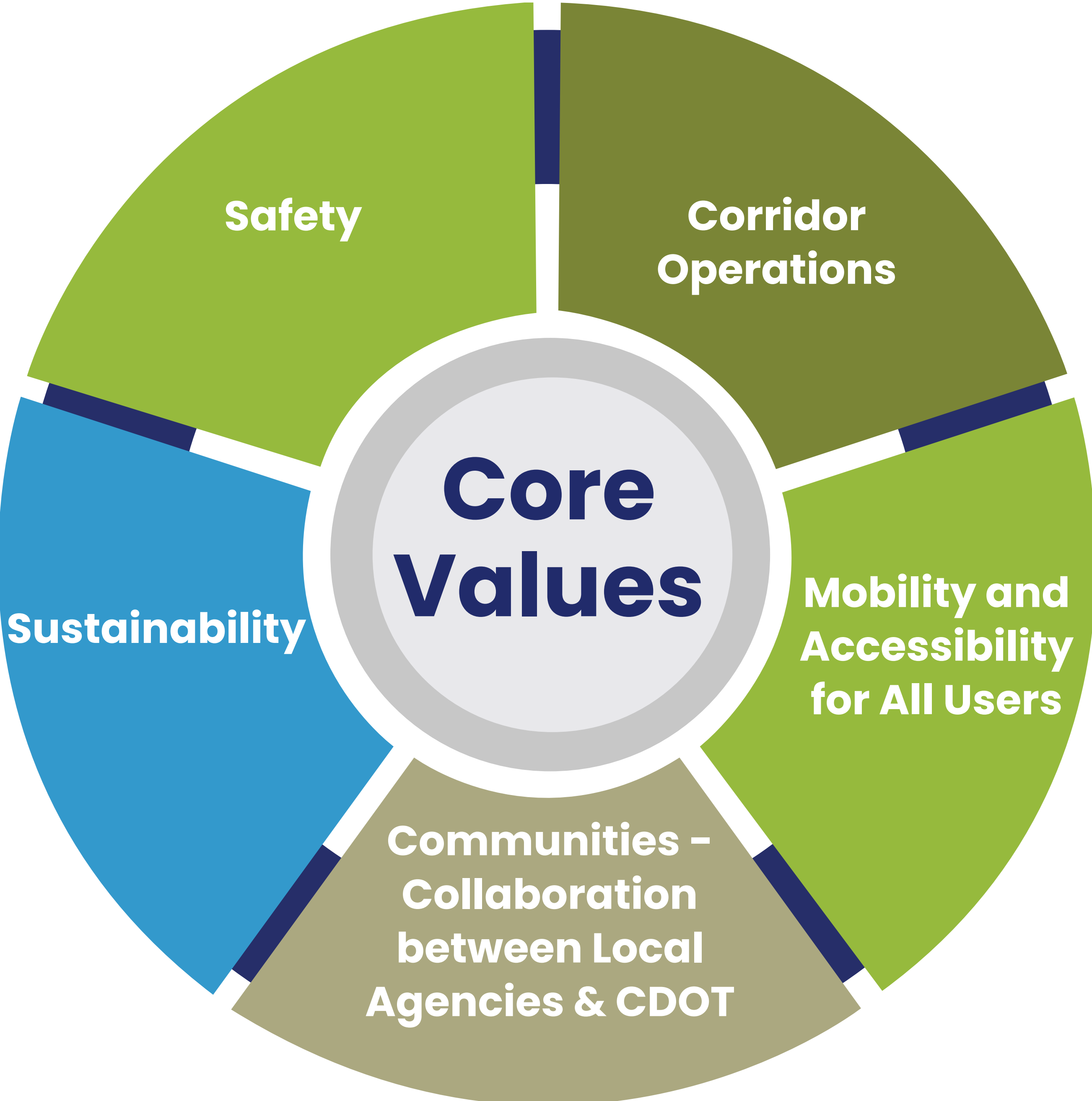


# Mobility Study in Dillon and Silverthorne at US 6 & CO 9

## Study Core Values

**Core Values:**

Agreed upon desired key elements identified by the participating agencies used to identify recommended strategies to move forward.



Study Core Values: Safety, Corridor Operations, Mobility and Accessibility for All Users, Communities- Collaboration between Local Agencies & CDOT, Sustainability

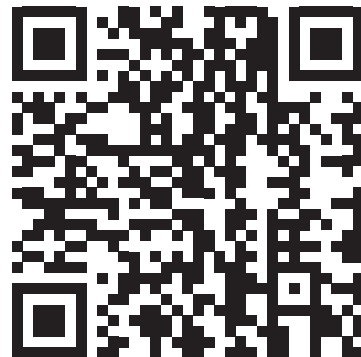
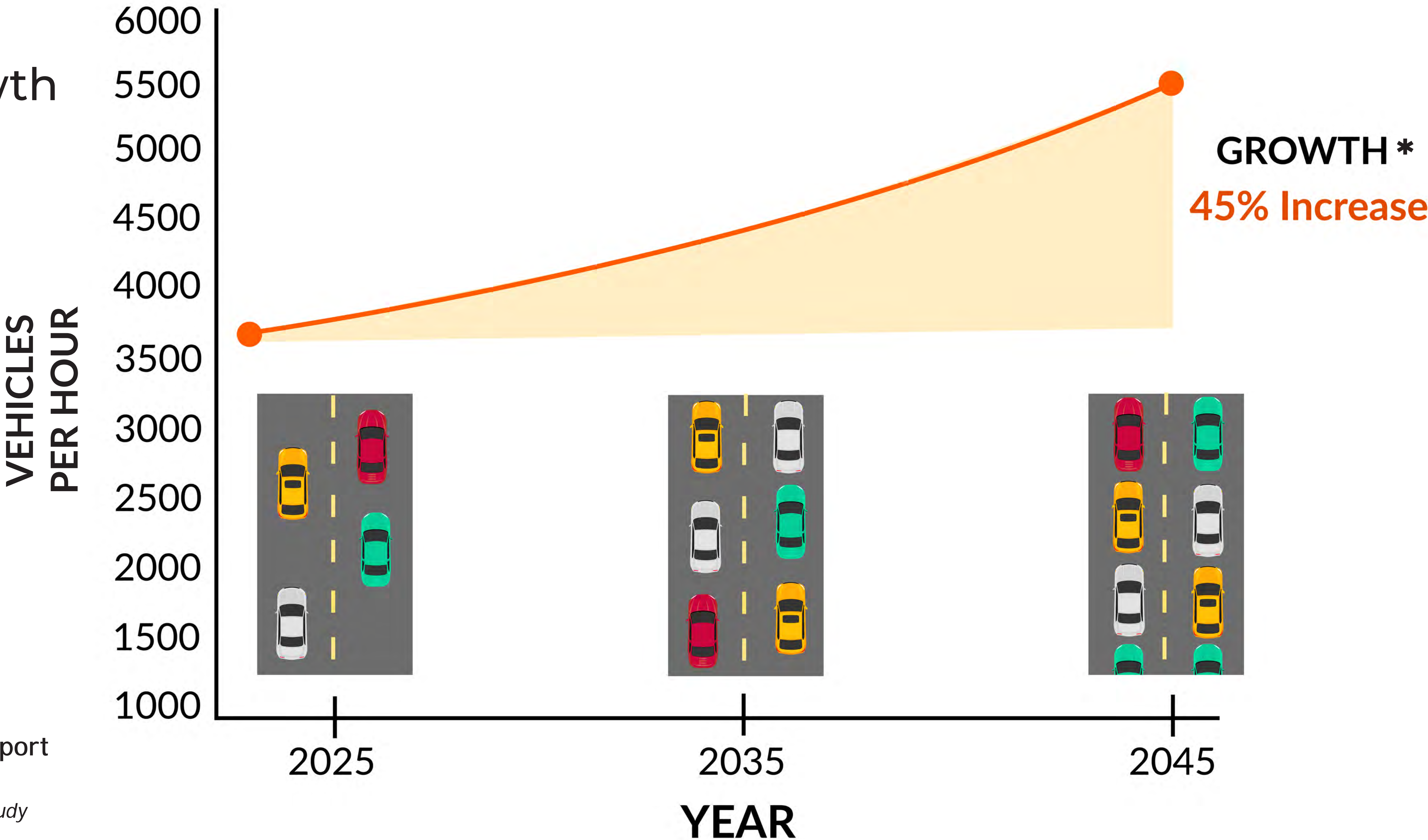


# Mobility Study in Dillon and Silverthorne at US 6 & CO 9

## Projected Traffic Growth on US 6 & CO 9

### Traffic Growth Factors:

- Statewide Population Growth
- Tourism
- Local Development



For More Information and to View the Full Report  
Scan QR Code or Visit:  
<https://www.codot.gov/projects/studies/us6co9corridorstudy>

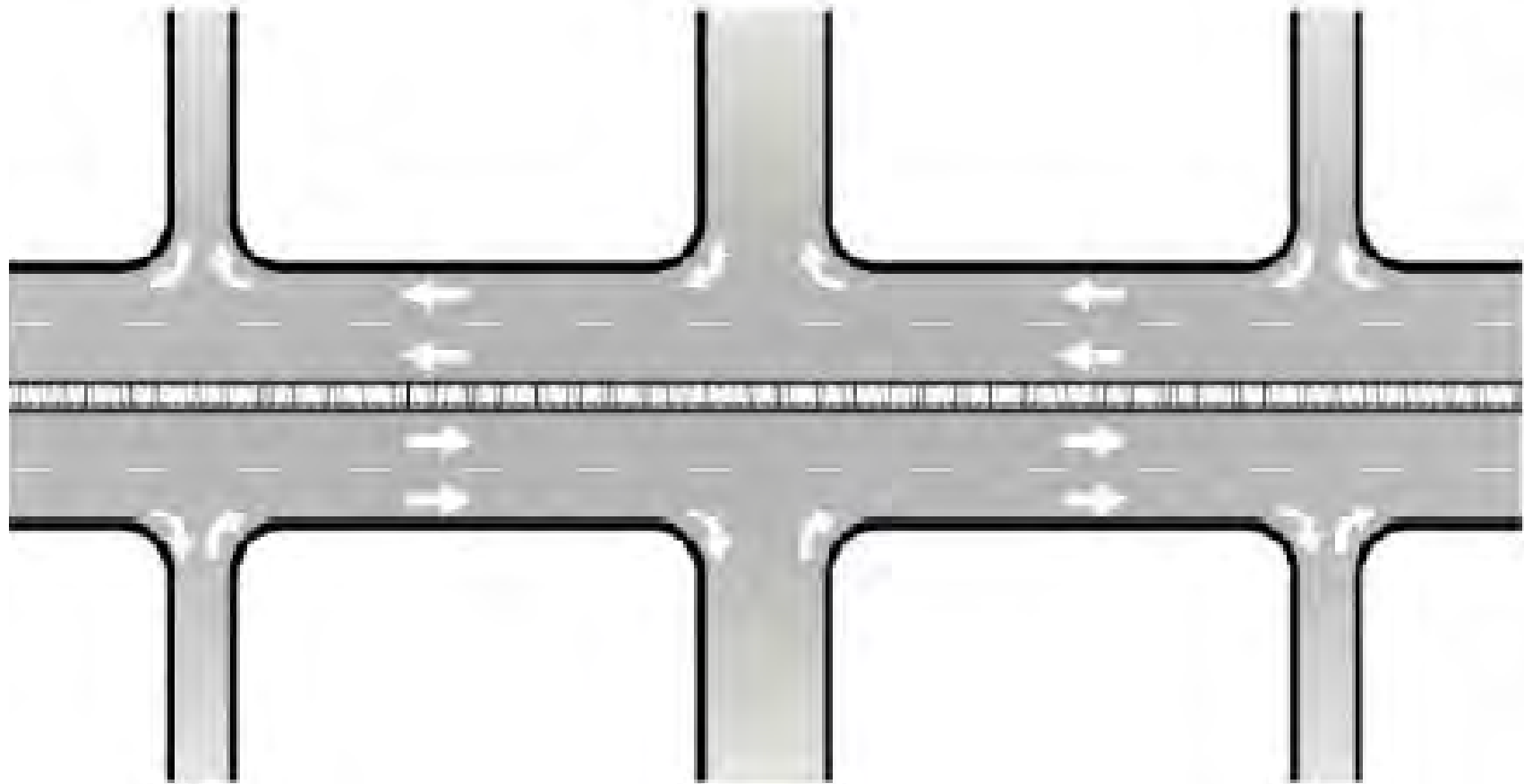
\* Traffic reflects a typical summer weekend day during peak hours (Friday evening & Sunday afternoon)

## Strategies Moving Forward

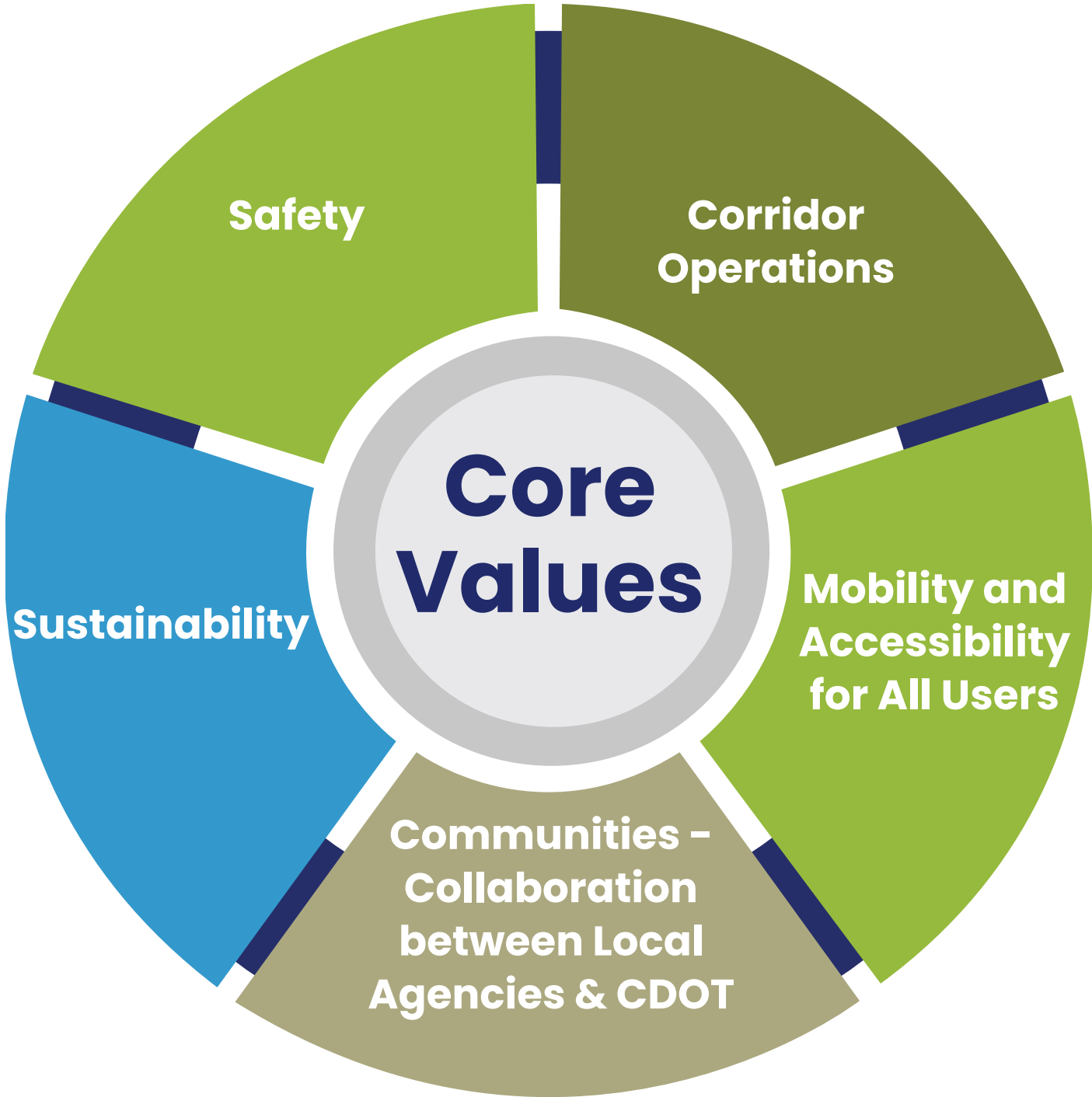
**STRATEGY 1:  
TRAFFIC SIGNAL  
TIMING**



**STRATEGY 2:  
ACCESS MANAGEMENT  
IMPROVEMENTS**



**STRATEGY 3:  
MODE  
SHIFT**



All strategies moving forward are in alignment with the project leadership team's core values.



## Strategy 1: Traffic Signal Timing

Results of Implementation in 2022: Travel time improved by **17%**  
Traffic Signal timing will continue to be evaluated in the future

### Average Travel Time Change- Mud Season

Morning Average Travel Time

Improved by 10%

Evening Average Travel Time

Improved by 20%

Average Daily Speed: Improved by 2-3 mph

### Average Travel Time Change- Summer Season

Weekend Peak Average Travel Time

Improved by 14%

Weekday Evening Average Travel Time

Improved by 9%

Average Daily Speed: Improved by 4-5 mph

### Average Travel Time Change- Winter Season

Morning Average Travel Time

Improved by 11%

Evening Average Travel Time

Improved by 22%

Average Daily Speed: Improved by 1-2 mph



Traffic Signals on Street

### Recommendations Moving Forward:

- Routine Review of Traffic Signal Timing Plans & Adjustments as Needed
- Monitor Technology Improvements for Real-Time Signal System Adjustments



## Strategy 2: Access Management Improvements

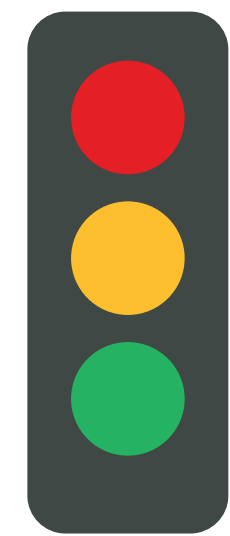
Access Management = The systematic control of the location, spacing, design, and operation of driveways, median openings, and street connections to a roadway

### BENEFITS



#### **Safety**

- Reduces number of conflict points and potential crashes
- Provides safe access to business and residences



#### **Increased Ability to Accommodate Traffic Demands**

- Decreases travel times and provides smoother traffic flow
- Results in less air pollution
- Improved operations and consolidated access provides increased opportunities to reduce delay on the local street system



#### **Good Access Management is Good for Business**

- Preserves property values
- Increases roadway efficiency resulting in a broader market area
- Provides a more predictable and consistent development environment
- Businesses are more easily located



#### **Encourages Use and Development of Local Streets**

- Focuses through traffic on the highway
- Provides circulation options for local traffic