1st Avenue: River Road to Grant Road
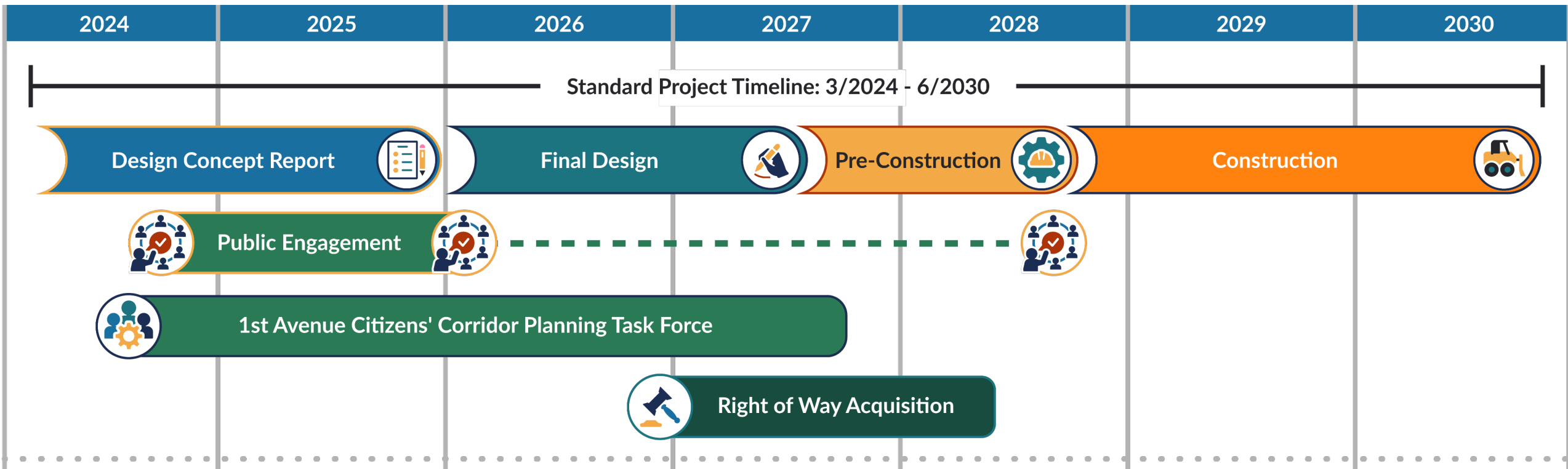
1st Avenue Citizens' Task Force Meeting

08/22/2024

1st Ave Corridor Map

Project Overview

2024	2025	2026	2027	2028	2029	2030

Standard Project Timeline: 3/2024 - 6/2030

Design Concept Report — Final Design — Pre-Construction — Construction

Public Engagement

1st Avenue Citizens' Corridor Planning Task Force
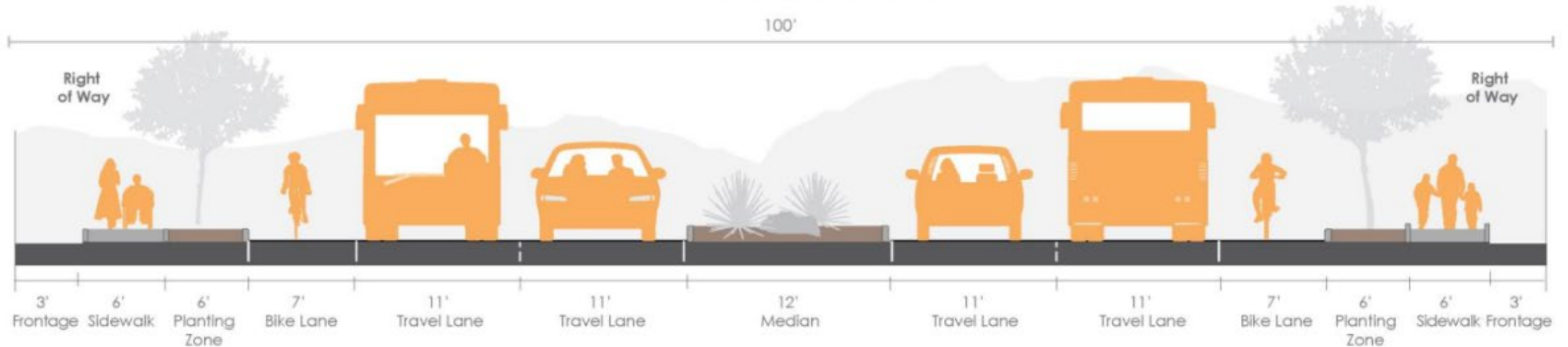
Right of Way Acquisition

Project Overview

Design Concept Report

- Major scope items:
  - Safety and accessibility
  - Roadway reconstruction
  - Drainage improvements
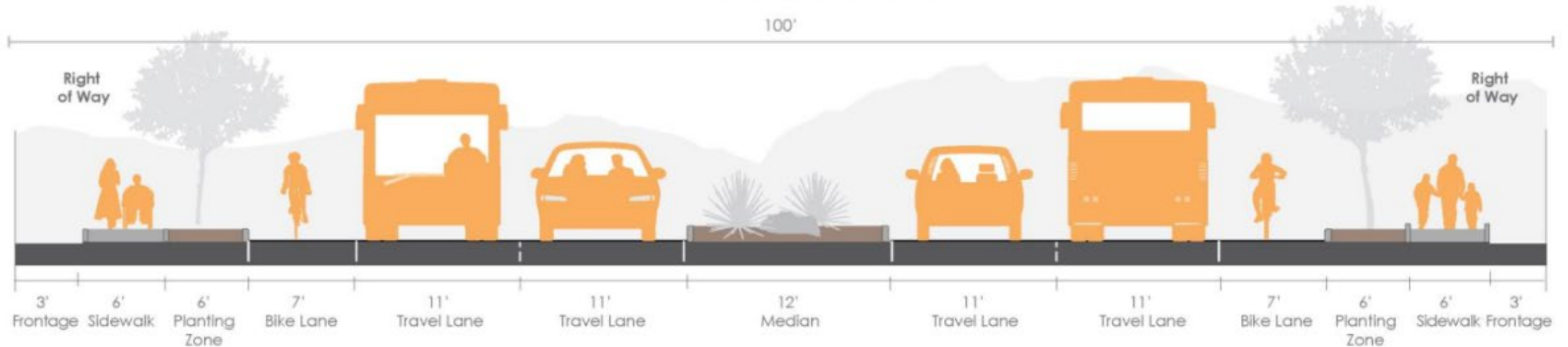 - Bridge replacement

4-Lane Cross-Section

100'

Right of Way

Right of Way

| 3' Frontage | 6' Sidewalk | 6' Planting Zone | 7' Bike Lane | 11' Travel Lane | 11' Travel Lane | 12' Median | 11' Travel Lane | 11' Travel Lane | 7' Bike Lane | 6' Planting Zone | 6' Sidewalk | 3' Frontage |

Project Overview

Design Concept Report

- What will the design team evaluate?
  - Existing Conditions
  - Cross-section and alignment alternatives
  - Constructability and construction phasing
  - Right-of-Way
  - Cost estimation

  - Traffic Design
  - Floodplain and Drainage
  - Utilities (Existing and New)
  - Landscape
  - Social, Economic, and Environmental

4-Lane Cross-Section

100'

Right of Way

Right of Way

| 3' Frontage | 6' Sidewalk | 6' Planting Zone | 7' Bike Lane | 11' Travel Lane | 11' Travel Lane | 12' Median | 11' Travel Lane | 11' Travel Lane | 7' Bike Lane | 6' Planting Zone | 6' Sidewalk | 3' Frontage |

Project Overview

Design Concept Report

| Fall 2024 | Winter 2024/2025 | Spring/Summer 2025 |

Existing Conditions Analysis

Framework and Goals Development

Alternatives Development
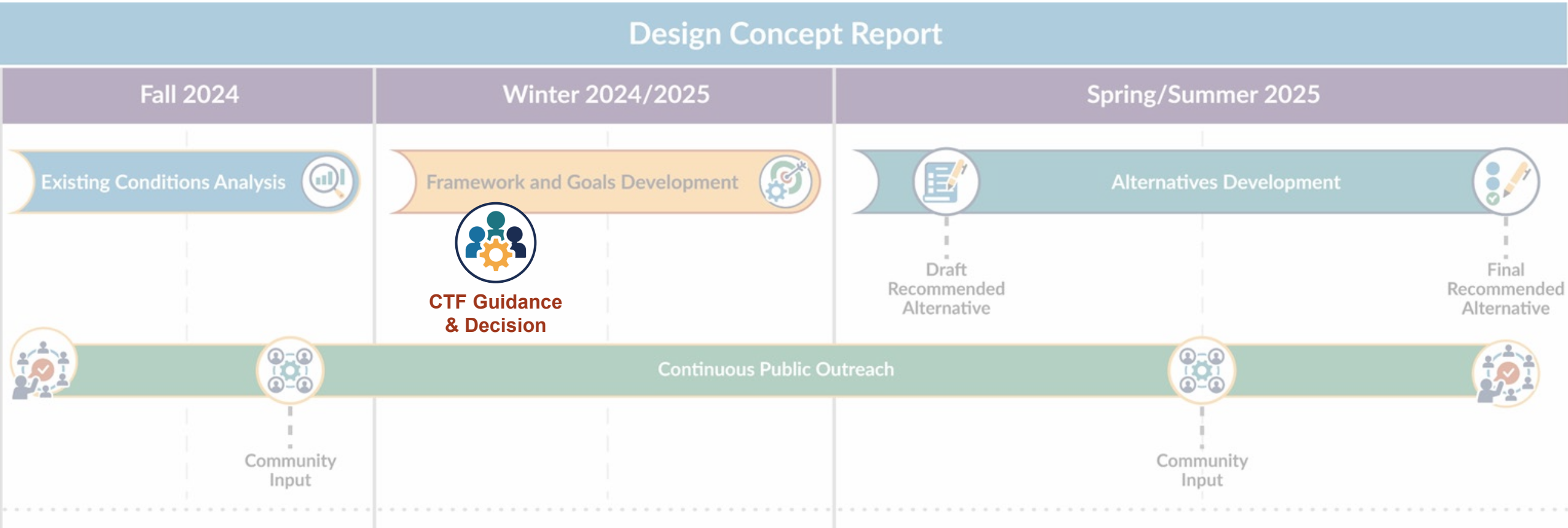
Draft Recommended Alternative

Final Recommended Alternative

Continuous Public Outreach

Community Input

Community Input

CTF Role

Design Concept Report

Fall 2024	Winter 2024/2025	Spring/Summer 2025

Existing Conditions Analysis

Framework and Goals Development

CTF Guidance & Decision

Alternatives Development

Draft Recommended Alternative

Final Recommended Alternative

Continuous Public Outreach

Community Input

Community Input

CTF Role

Design Concept Report

| Fall 2024 | Winter 2024/2025 | Spring/Summer 2025 |

Existing Conditions Analysis

Framework and Goals Development

CTF Guidance & Decision → CTF Guidance & Decision

Alternatives Development

Draft Recommended Alternative

Final Recommended Alternative

Continuous Public Outreach

Community Input

Community Input

CTF Role
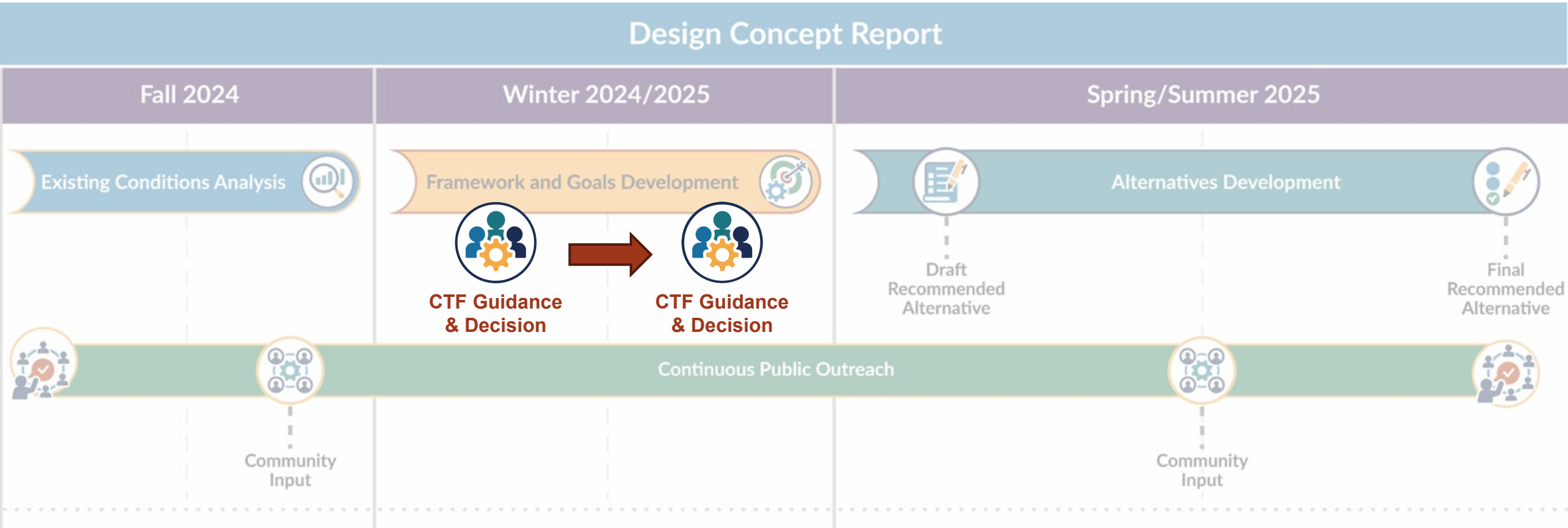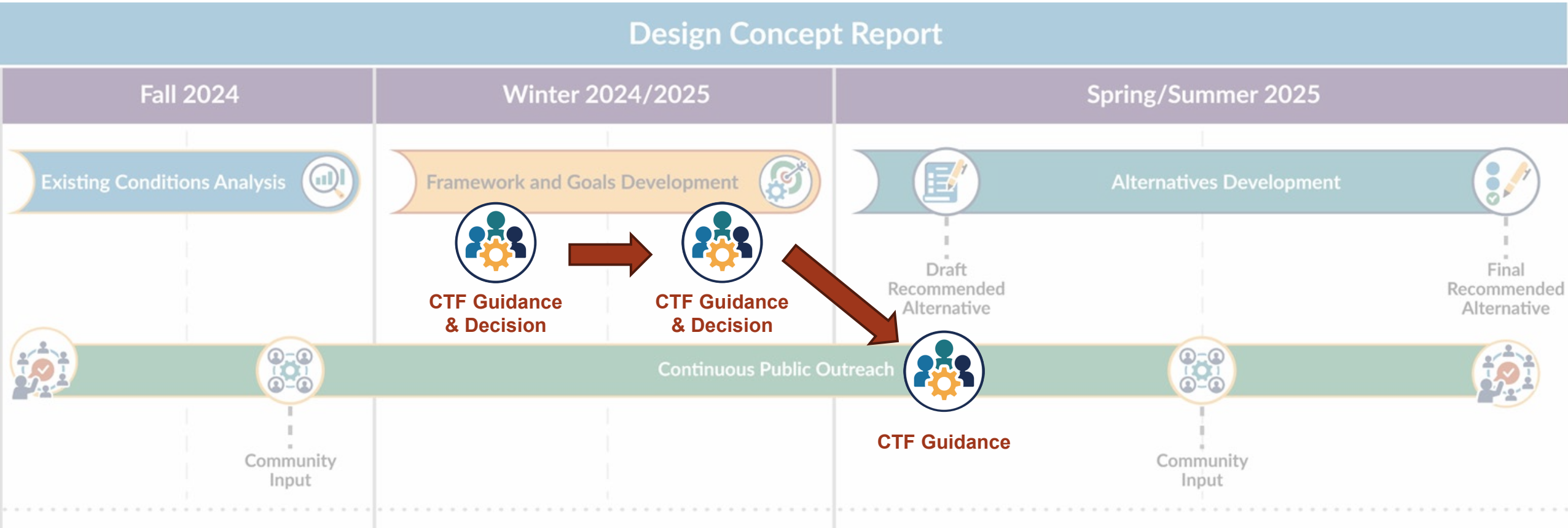
CTF Role
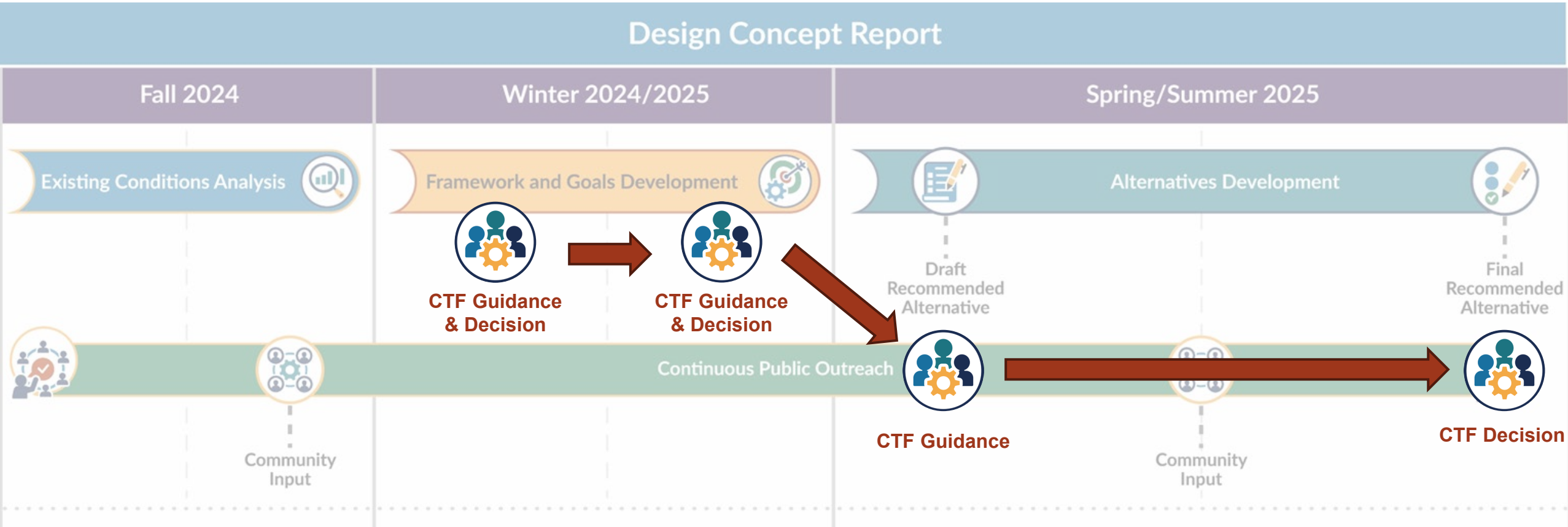
Outreach Activities & Materials

Activities

- Open House
- Pop Up Events
- Partner Events
- Community Events
- Neighborhood Association Meetings

Materials

- Survey
- Online Comment Map
- Posters
- Email Blasts
- Newsletters

How Can You Help?

- What recent engagement or communication tool really caught your eye or made you most excited?

- Are there specific groups or organizations you would like us to connect with in our outreach process?

1ST AVENUE DATA SUMMARY

AUGUST 2024

Why is this Data Important?

Get to know who we are planning/designing for

Identify challenges & opportunities for all modes

Understand how people travel on the corridor

Determine infrastructure gaps and needs

Assess safety trends and develop countermeasures

Evaluate complete streets alternatives to enhance mobility and safety

1 *COLLECT & EVALUATE DATA*

2 *IDENTIFY CHALLENGES & OPPORTUNITIES*

3 *DEVELOP SOLUTIONS*

Data Sources

COMMUNITY & INFRASTRUCTURE

- Census Bureau – American Community Survey (ACS)
- Tucson Equity Data Strategy (TEDS)
- Maps and Records

TRAVEL & SAFETY TRENDS

- ADOT and City of Tucson Police Department Crash data
- Video Analytics - near-miss data
- Travel Patterns (Replica Data)

CORRIDOR OPERATIONS

- Field traffic counts
- Traffic signal timing
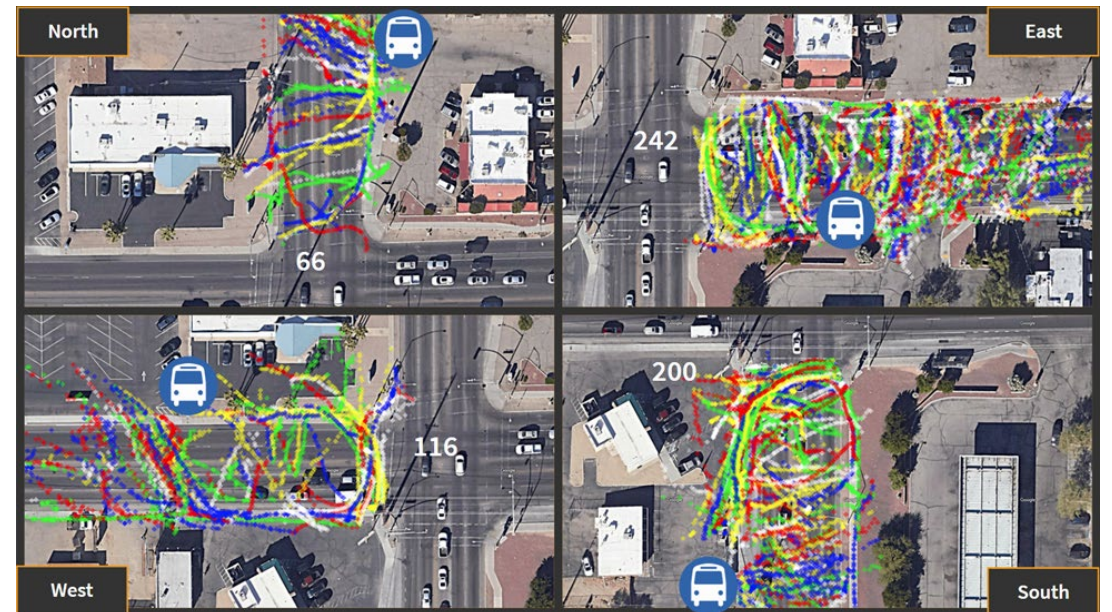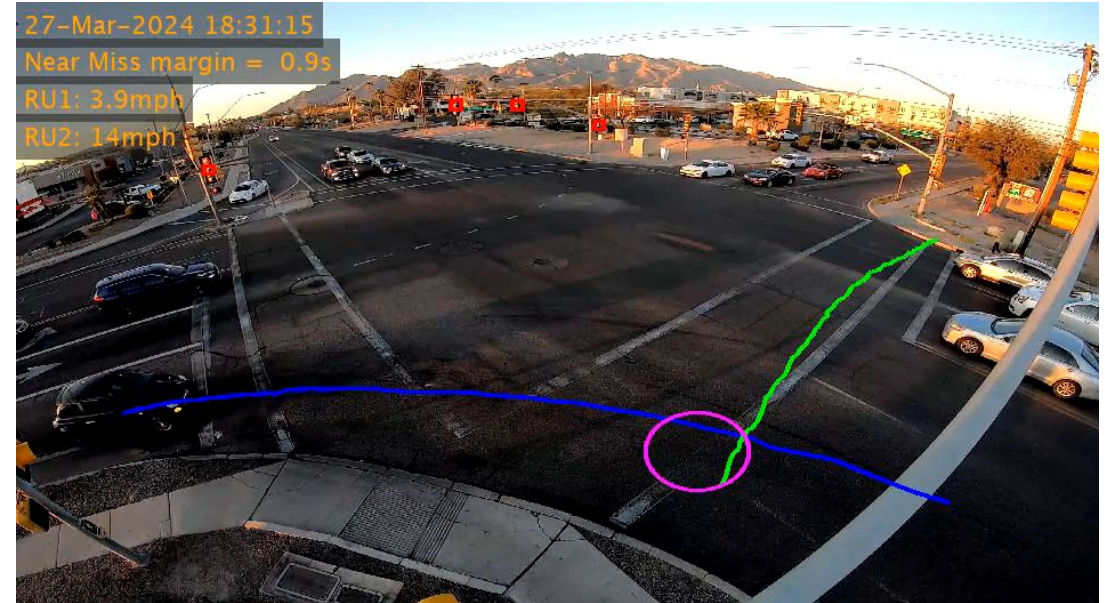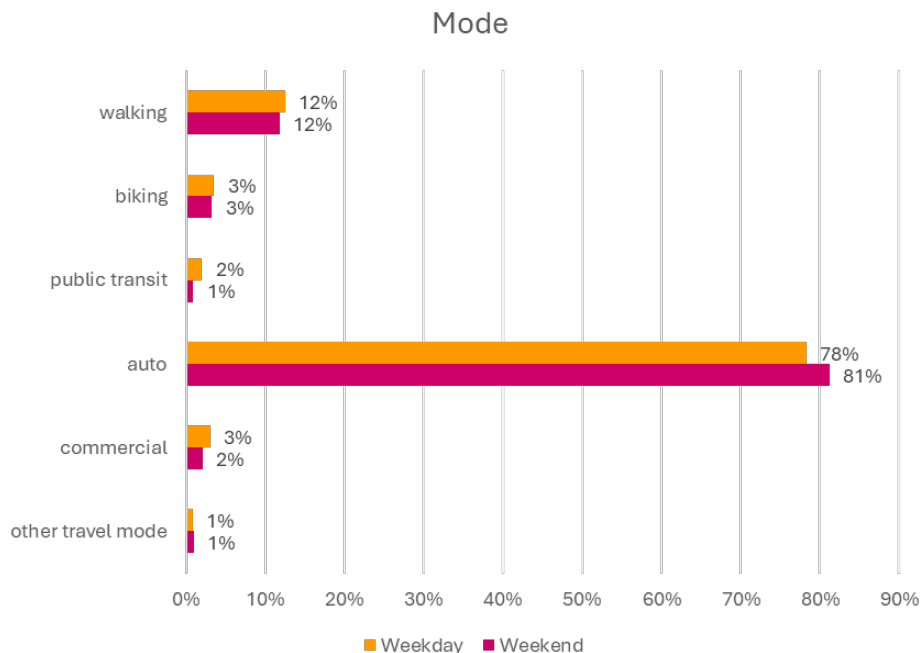- Travel Time (INRIX)
- Vehicle Classification

Community & Infrastructure

- Demographics
  - Census Bureau – American Community Survey (ACS)
  - Tucson Equity Data Strategy (TEDS)

- Land Use
  - Planning and Development Service Department

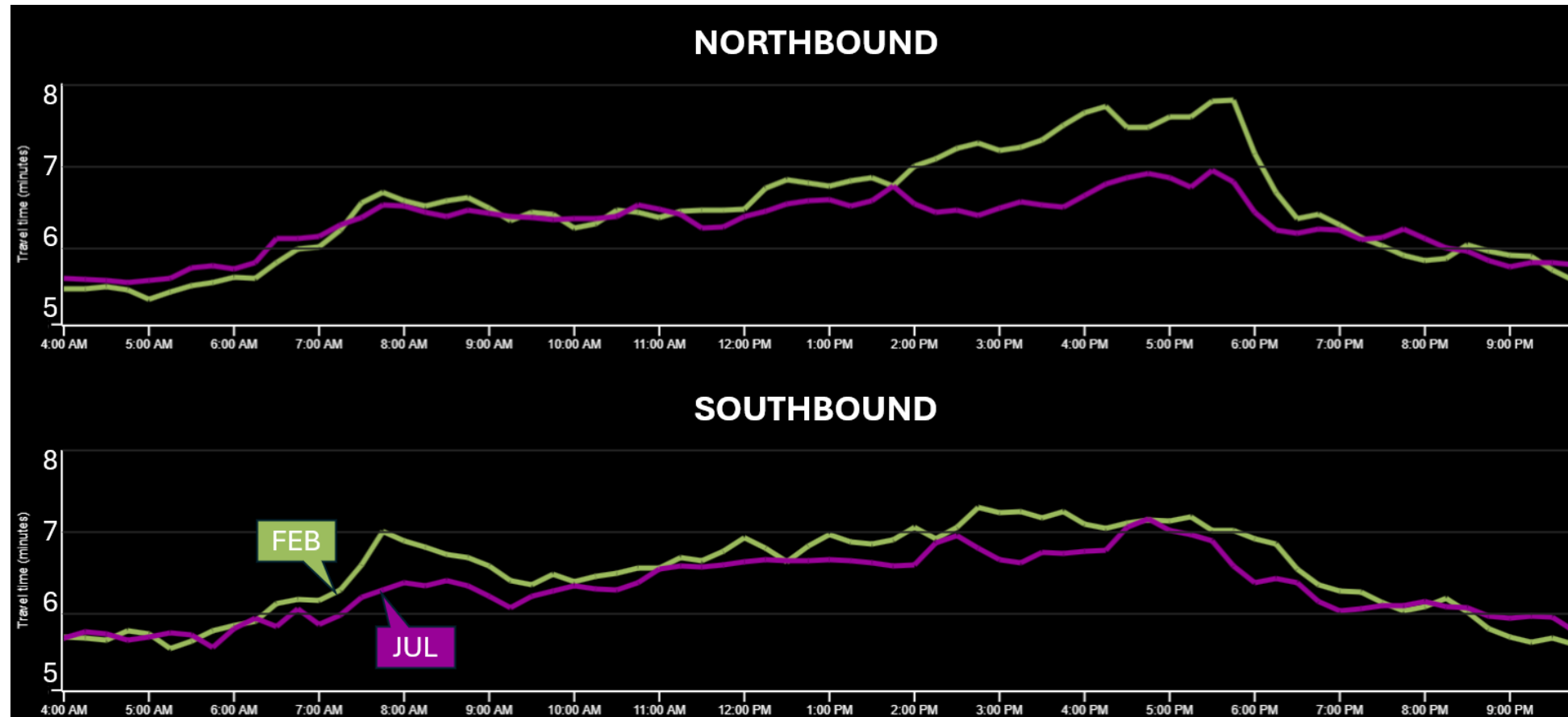- Street Network
  - Maps and Records
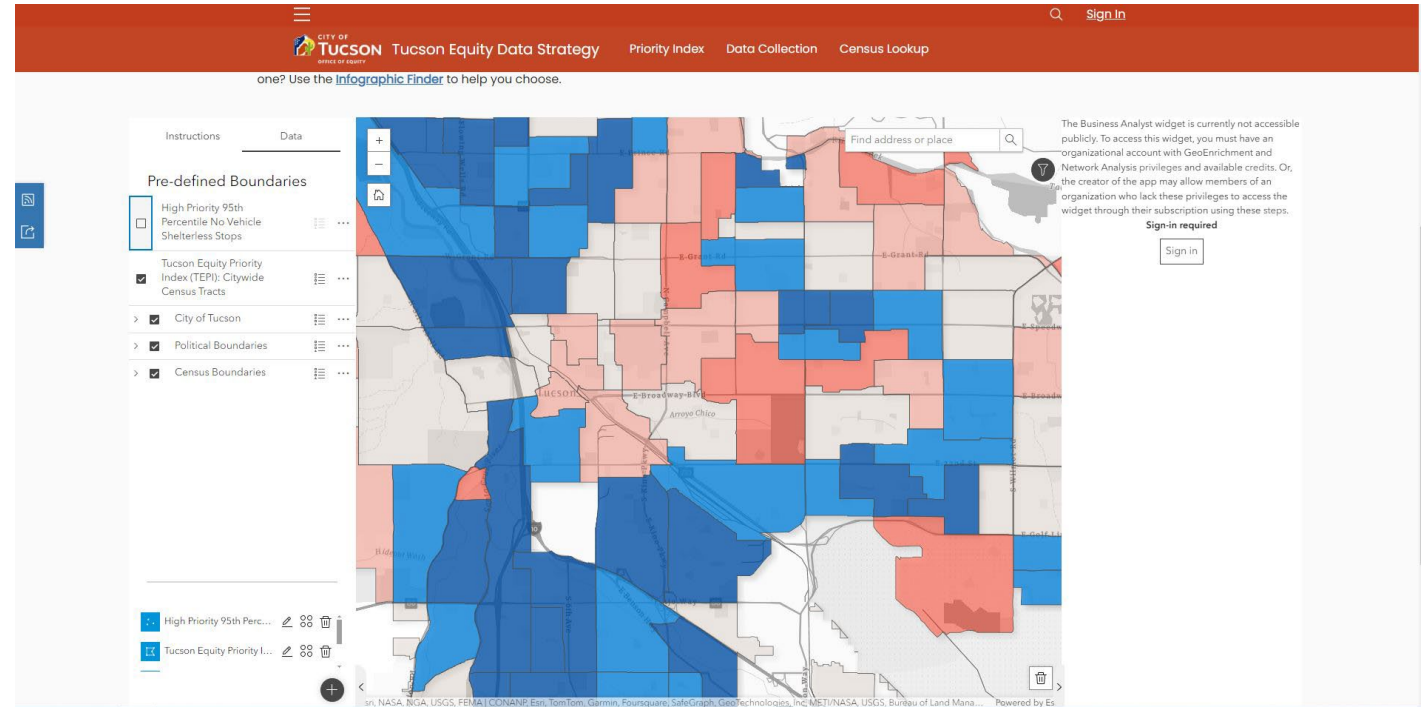
Travel & Safety Trends

- ADOT and City of Tucson Police Department Crash data

- Video Analytics - near-miss data

- Replica Data

Mode

Corridor Operations

- Traffic counts
- Signal timing
- Travel Time (INRIX)

Data Categories

COMMUNITY & INFRASTRUCTURE

1. Demographics
2. Land Use
3. Street Network

TRAVEL & SAFETY TRENDS

4. Travel Patterns
5. Safety Evaluation (Crash Analysis/ Near-Miss)
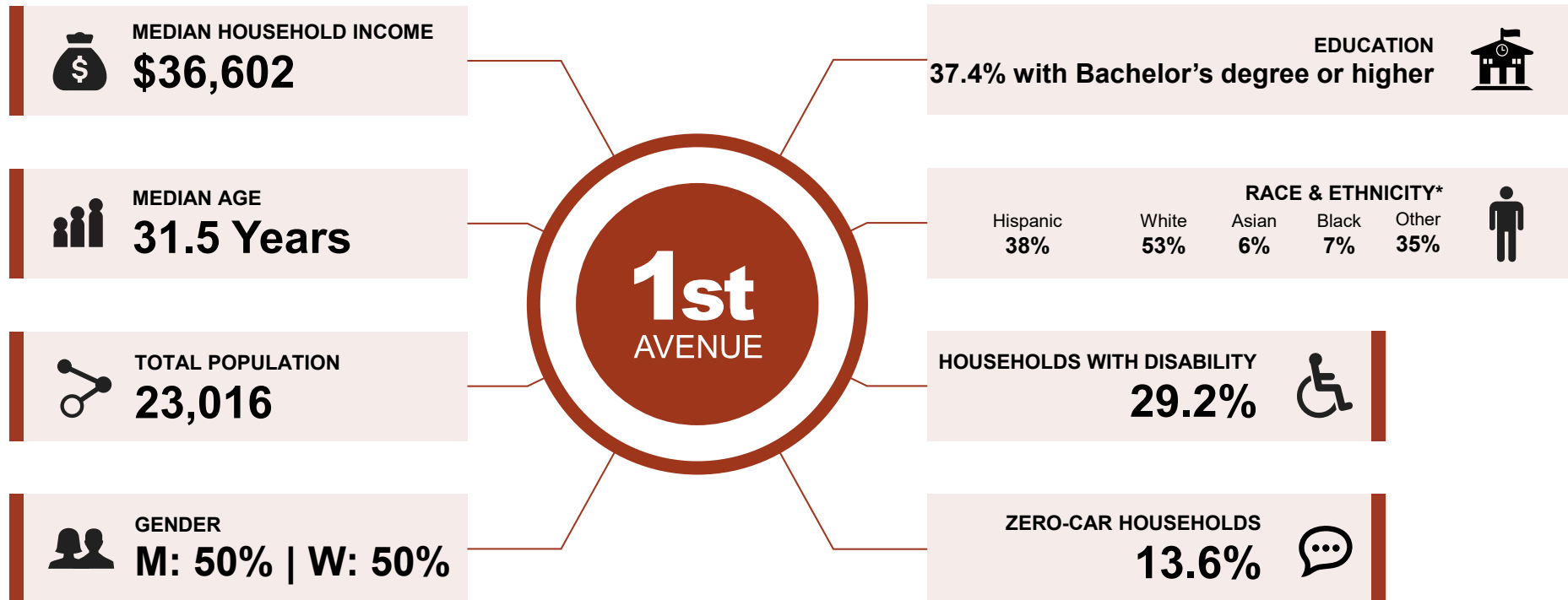
CORRIDOR OPERATIONS

6. Biking Today
7. Walking Today
8. Traffic Operations
9. Transit Service

EQUITY

1. DEMOGRAPHICS

Demographics

MEDIAN HOUSEHOLD INCOME
$36,602

MEDIAN AGE
31.5 Years

TOTAL POPULATION
23,016

GENDER
M: 50% | W: 50%

1st AVENUE

EDUCATION
37.4% with Bachelor's degree or higher

RACE & ETHNICITY*
Hispanic	White	Asian	Black	Other
38%	**53%**	**6%**	**7%**	**35%**

HOUSEHOLDS WITH DISABILITY
29.2%

ZERO-CAR HOUSEHOLDS
13.6%

How does the study area compare to the rest of Tucson?

Source: TEDS, ESRI 2024
* White, Asian, Black, and "Other" population groups may include portions of the Hispanic population. Values do not sum to 100%.
Note: Study area here defined as within 0.5 miles of study corridor

Compared to the City of Tucson, people in the study area are:	Study Area	City of Tucson
Younger (median age)	31.5	37.1
Less wealthy (median income)	$36,602	$55,206
More educated (residents with a Bachelor's degree or higher)	37.4%	31.7%
Higher percentage of zero-car households	13.6%	9.7%
More likely to bike, walk, or take public transportation to work	2.8% bike; 3.3% walk; 6.2% public transportation	1.8% bike; 2.8% walk; 2.4% public transportation
Similarly diverse	38% Hispanic, 53% White, 6% Asian, 7% Black, 35% Other	43% Hispanic, 53% White, 3% Asian, 6% Black, 38% Other

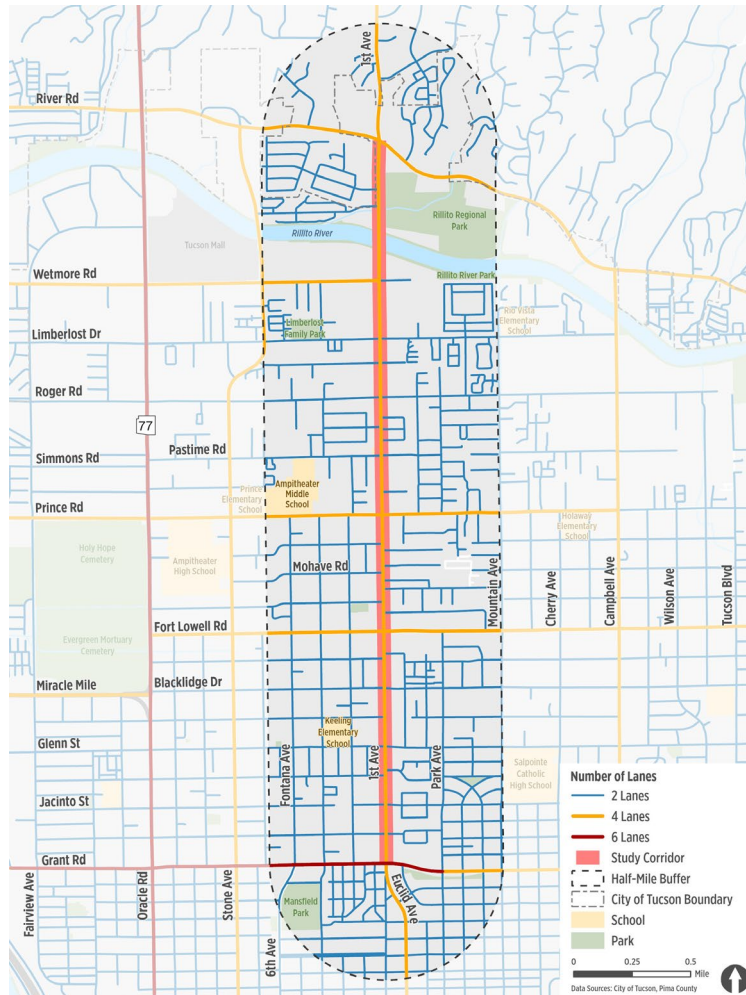# 2. LAND USE

Existing Land Use
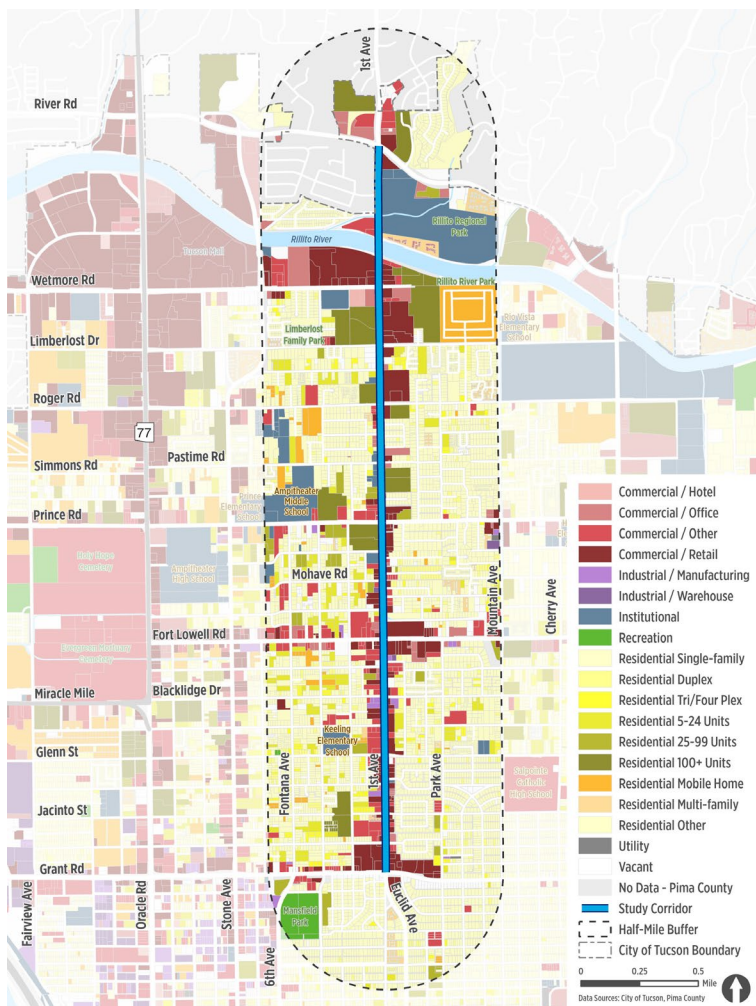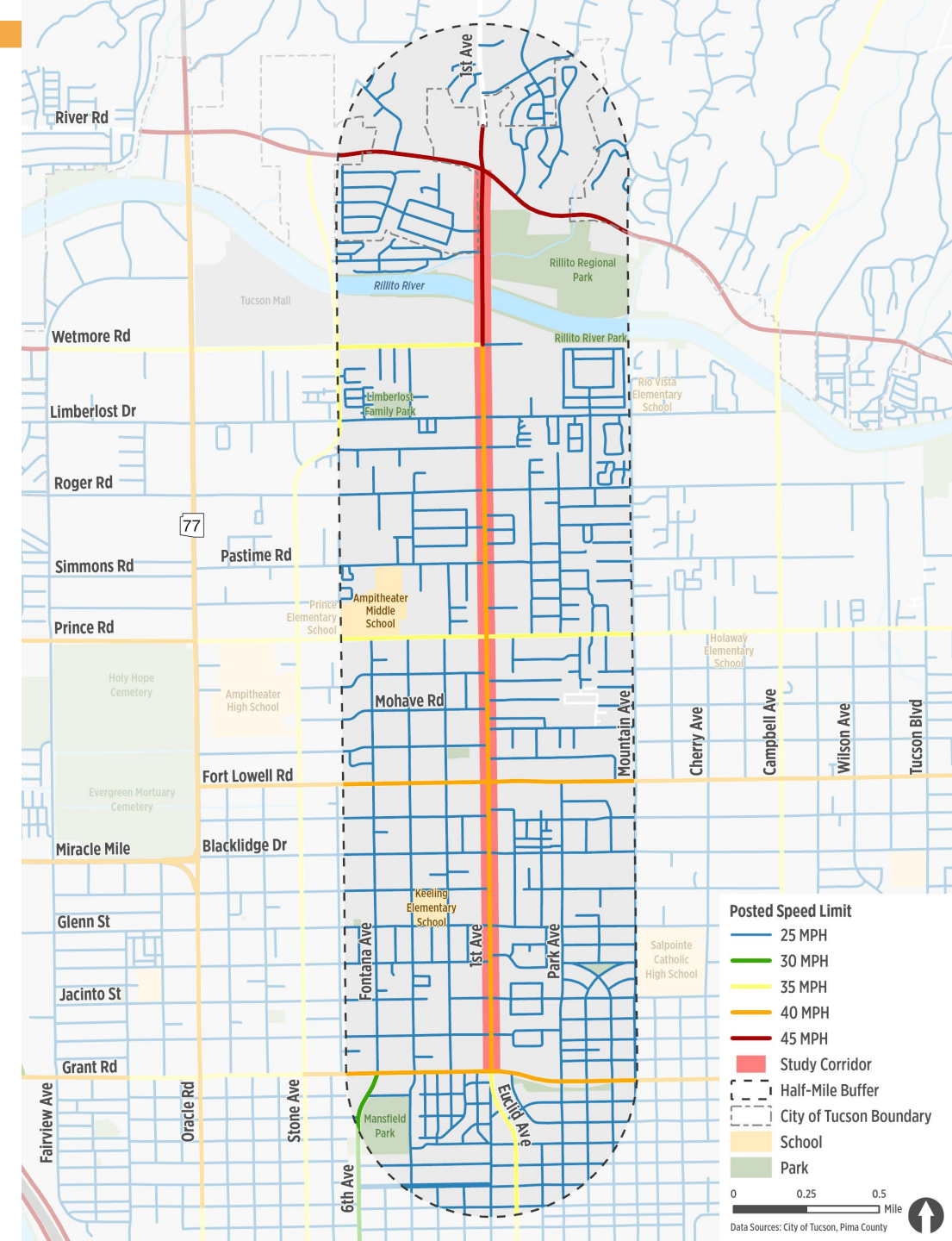
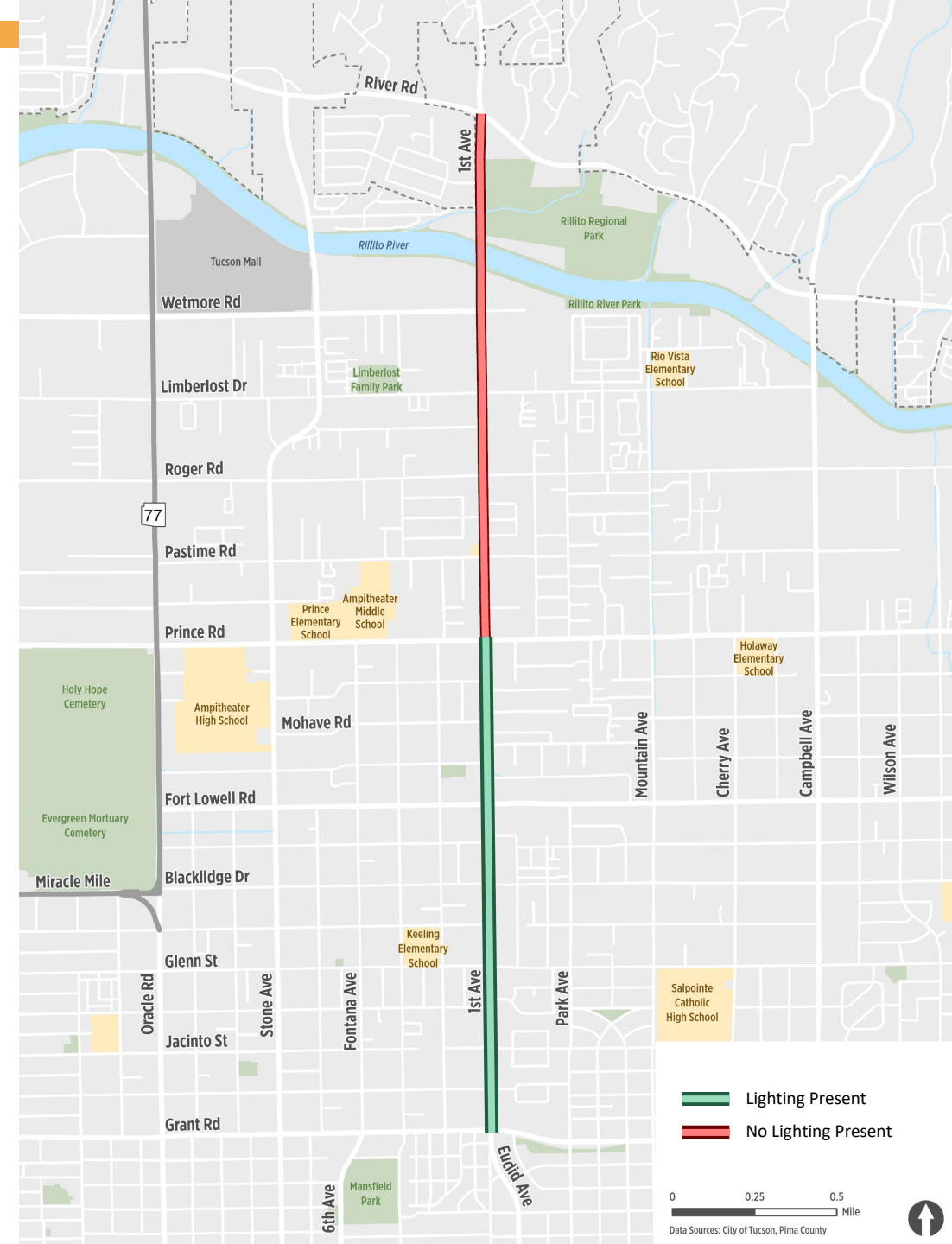# Key Destinations

3. STREET NETWORK

Number of Lanes

Traffic Control

Posted Speeds (DAY VS NIGHT)

Lighting

Lighting Present

No Lighting Present

Data Sources: City of Tucson, Pima County

Open Discussion

- Questions on presented information
- Topics for future agendas
- Additional information requests