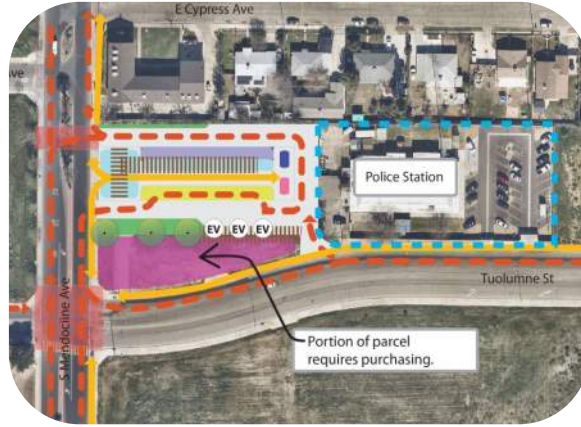


# Concept Design Workshop

## Fresno County Mobility Hubs Feasibility Study



# Introductions

**\*[ If there aren't too many of us ]**

# Project Phases and Sequence

## (1) INVESTIGATING AND DEFINING

**EXISTING CONDITIONS** Understanding the County's transportation situation, needs, and potential

**PUBLIC OUTREACH** Defining how mobility hubs can serve a region and its people

**ANALYSIS** Identifying hub opportunities

## (2) MOBILITY HUB CONCEPT DEVELOPMENT

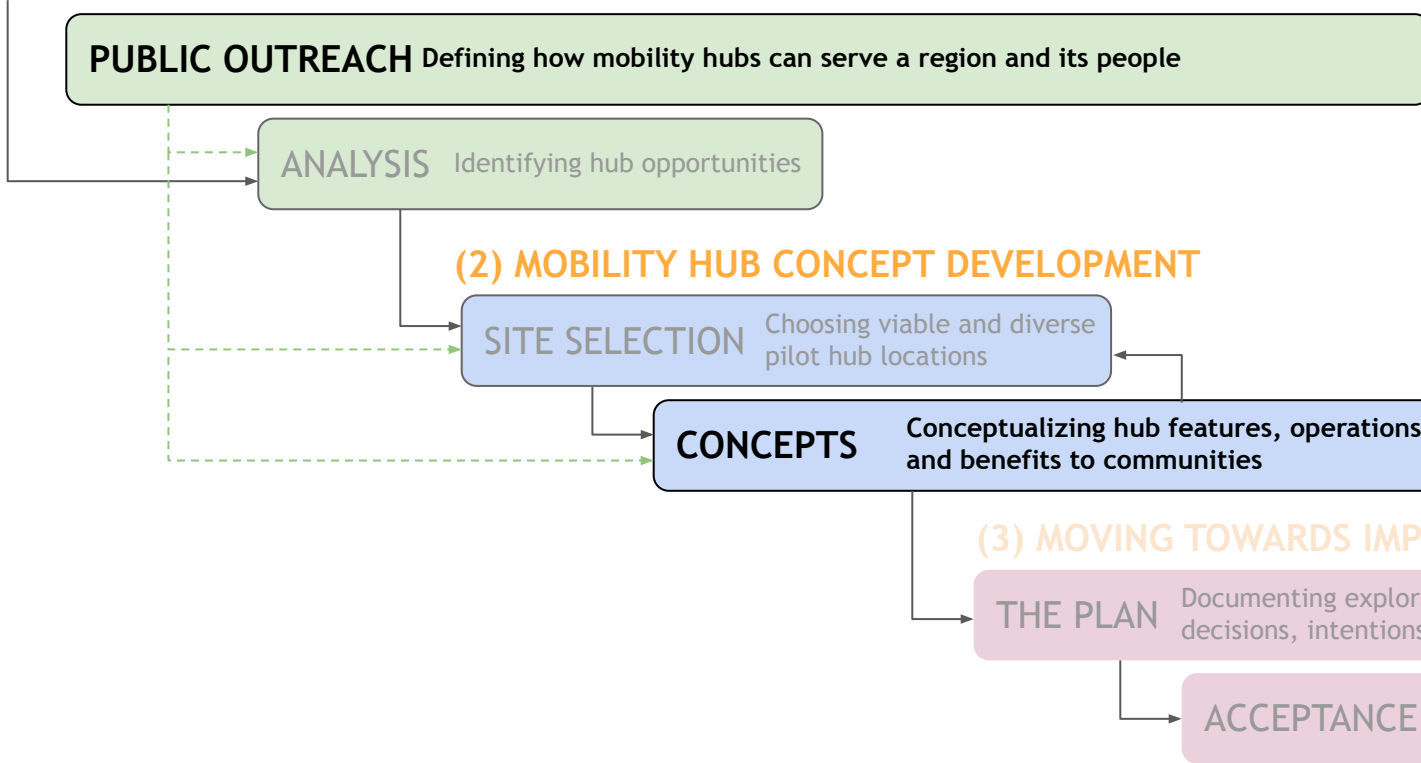
**SITE SELECTION** Choosing viable and diverse pilot hub locations

**CONCEPTS** Conceptualizing hub features, operations, and benefits to communities

## (3) MOVING TOWARDS IMPLEMENTATION

**THE PLAN** Documenting explorations, decisions, intentions, and actions

**ACCEPTANCE** Getting buy-in and commitments



**We will study the feasibility and usefulness of each of the four hubs individually.**

**But, just as importantly:**

**A major overall goal is to learn lessons that could apply to the design, development, and operations of hubs region-wide**

# Today's Workshop Agenda

## Two Parts:

### 1. 90-minute Concept Workshop

- Project background
- Introductions (if time allows)
- Review exhibit boards
  - What is a Mobility Hub and what features could it have?
  - Concept 1
  - Concept 2
- Table top bubble exercise
- SWOT analysis - note-taking during the whole workshop

### 2. 60-minute Open House for community members - self-paced

- Review exhibit boards
  - What is a Mobility Hub and what features could it have?
  - Concept 1
  - Concept 2
- Methods for input:
  - Conversations with project team and local government
  - Comments cards
  - Sticky notes
  - Amenities dot voting
  - Design creation mapping

## Additional Comments

Email me,

**[bweber@walkerconsultants.com](mailto:bweber@walkerconsultants.com)**

## Disclaimer

*The Mobility Hub Feasibility Study is a conceptual exploration of designs and potential paths to implementation for mobility hubs.*

*This study will not prepare final designs or construction documents, obtain permits, secure funding, initiate construction, or commit any parties to further action.*

*These concepts may illustrate improvements occurring on public or private property, but do not imply that any property owner assents to the concepts or is taking steps to advance the development of a physical hub facility.*

# Microgrid Study: Recent Concepts for the Same Site

Transit Microgrid and Multi Modal Community Resiliency Hub Concept



# Strengths, Weaknesses, Opportunities, To-be-determined (SWOT)

## Strengths

- Favorable conditions
- Strong mobility activity
- Clear path to implementation and operation

## Opportunities

- Flexible new mobility service options
- Well-connected destinations
- Strong stakeholder and partner support

## Weaknesses

- Low or questionable mobility demand
- Complex or isolated sites
- Unclear partner engagement

## To-be-determined

- Availability of supporting infrastructure nearby
- Deployment schedule of mobility services
- Funding, timelines, and responsible parties

End goal of workshop and community open house

**There's no pressure today**

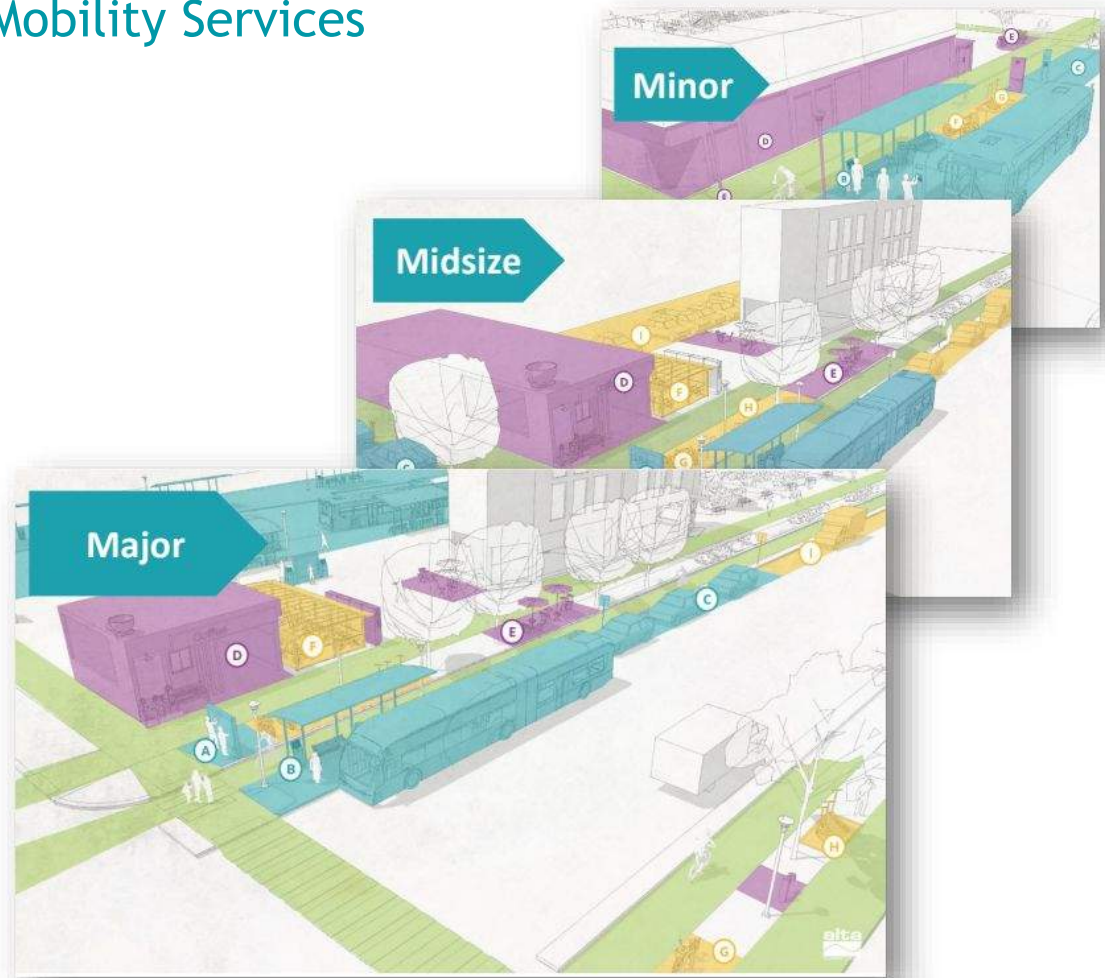
**We are discussing ideas - surely adding some things, and removing others**

**Let's talk about your community's most important mobility needs**

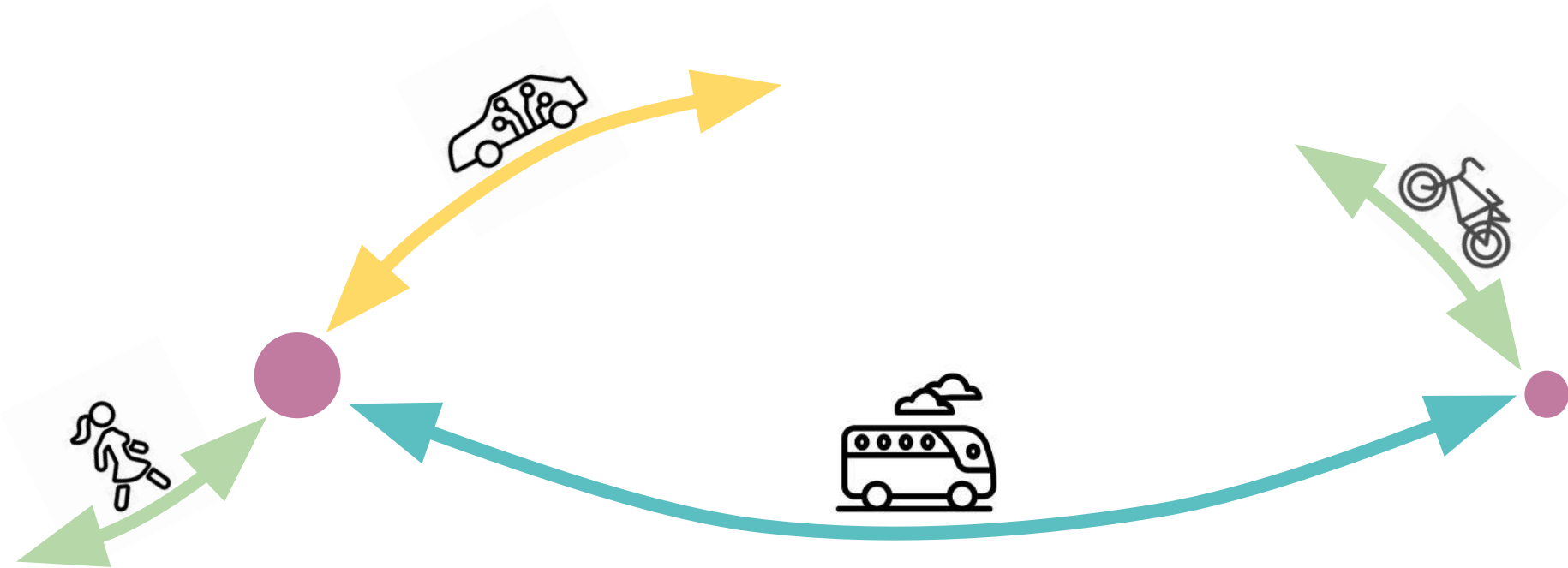
**And how Hubs may or may not help meet those needs and improve travel choices**

# The Means: Physical Hubs and Mobility Services

- Integrated mobility services, amenities, and technology to enable seamless multimodal trips
- Multiple transportation modes
- Walk and bike to the site
- A recognizable people place
- Accessible, universal design
- Flexible to future needs
- Other community uses



# The Ends: Better Ways to Get Around



# Site Amenities

## PARKING AND CHARGING SERVICES

### SERVICIOS DE ESTACIONAMIENTO Y CARGA



Electric vehicle charging (including bicycles & scooters)

Carga de vehículos eléctricos (incluidas bicicletas y patinetes)



Short term bike parking

Estacionamiento para bicicletas de corto plazo



Long term bike parking

Estacionamiento para bicicletas a largo plazo



Bikeshare & scootershare parking

Estacionamiento para bicicletas y patinetas compartidos



Carshare parking and access points

Estacionamiento y puntos de acceso para vehículos compartidos

## TRANSIT AND TRIP-MAKING SERVICES

### SERVICIOS DE TRANSPORTE Y MOVILIDAD



Micro-transit pick up & drop off area

Zona de ascenso y descenso para microtransporte



Transit ticket and integrated payment kiosks

Kioscos de boletos y pago integrado para transporte público



Bus, shuttle, or rail stop

Parada de autobús, transporte colectivo o tren



Real time transit & other shared mode information

Información de tránsito



Freight loading/unloading area

Zona de carga y descarga de mercancías

## PRIORITY ACCESS

### ACCESO PRIORITARIO



Prioritized walkways

Caminos peatonales prioritarios



Prioritized bike and micromobility access

Acceso prioritario para bicicletas y dispositivos de micromovilidad



Safe bicycle and pedestrian crossings

Cruces seguros para ciclistas y peatones

## AMENITIES

### SERVICIOS



Community space

Espacios comunitarios



Complementary retail

Comercio minorista complementario



Activated furnishing zone with appropriate support infrastructure

Áreas de espera amuebladas

# San Joaquin Main Street - Regional site analysis



# Site Joaquin Main Street - Site concept 1

## Main Street, San Joaquin OPTION 1: HIGH IMPACT

Address: 8747 S. Main Street, San Joaquin, CA 93660



### LEGEND

- Bicycle / Micro-mobility**
  - Short-term bike parking
  - Bike share
  - Bicycle repair station
  - Electric bike charging
  - Micro-mobility parking
- Information / Wayfinding**
  - Wayfinding signs
  - Free public Wi-Fi
  - Information kiosk
  - Real-time arrival signs
- Waiting Areas**
  - Shade structure / Bus shelter
  - Seating
  - Lighting
  - Trash receptacles
  - Hydration station
  - Work & Charging station
  - Shade Trees
  - Drought tolerant landscape / green streets
- Shade Structure**
  - Pedestrian shading
  - Vehicular shading
- Gateway**
  - Welcoming Signage
  - Seating
  - Landscape
- Bus Bay/Layovers**
- Transit Circulation**
- Paths / Pedestrian Circulation**
- Trees**
- EV** Electric Vehicle Charging Station

# San Joaquin Main Street - Site concept 2

## Main Street, San Joaquin OPTION 2: LOW IMPACT

Address: 8747 S. Main Street, San Joaquin, CA 93660



### LEGEND

-  **Bicycle / Micro-mobility**
  - Short-term bike parking
  - Bike share
  - Bicycle repair station
  - Electric bike charging
  - Micro-mobility parking
-  **Information / Wayfinding**
  - Wayfinding signs
  - Free public Wi-Fi
  - Information kiosk
  - Real-time arrival signs
-  **Waiting Areas**
  - Shade structure / bus shelter
  - Seating
  - Lighting
  - Trash receptacles
  - Hydration station
  - Work & Charging station
  - Shade trees
  - Drought tolerant landscape / green streets
-  **Shade Structure**
  - Pedestrian shading
  - Vehicular shading
-  **Support Services**
  - Convenience store / retail
  - Delivery locker
-  **Gateway**
  - Welcoming Signage
  - Seating
  - Landscape
-  **Bus Bay/Layovers**
-  **Transit Circulation**
-  **Paths / Pedestrian Circulation**
-  **Trees**
-  **Electric Vehicle Charging Station**

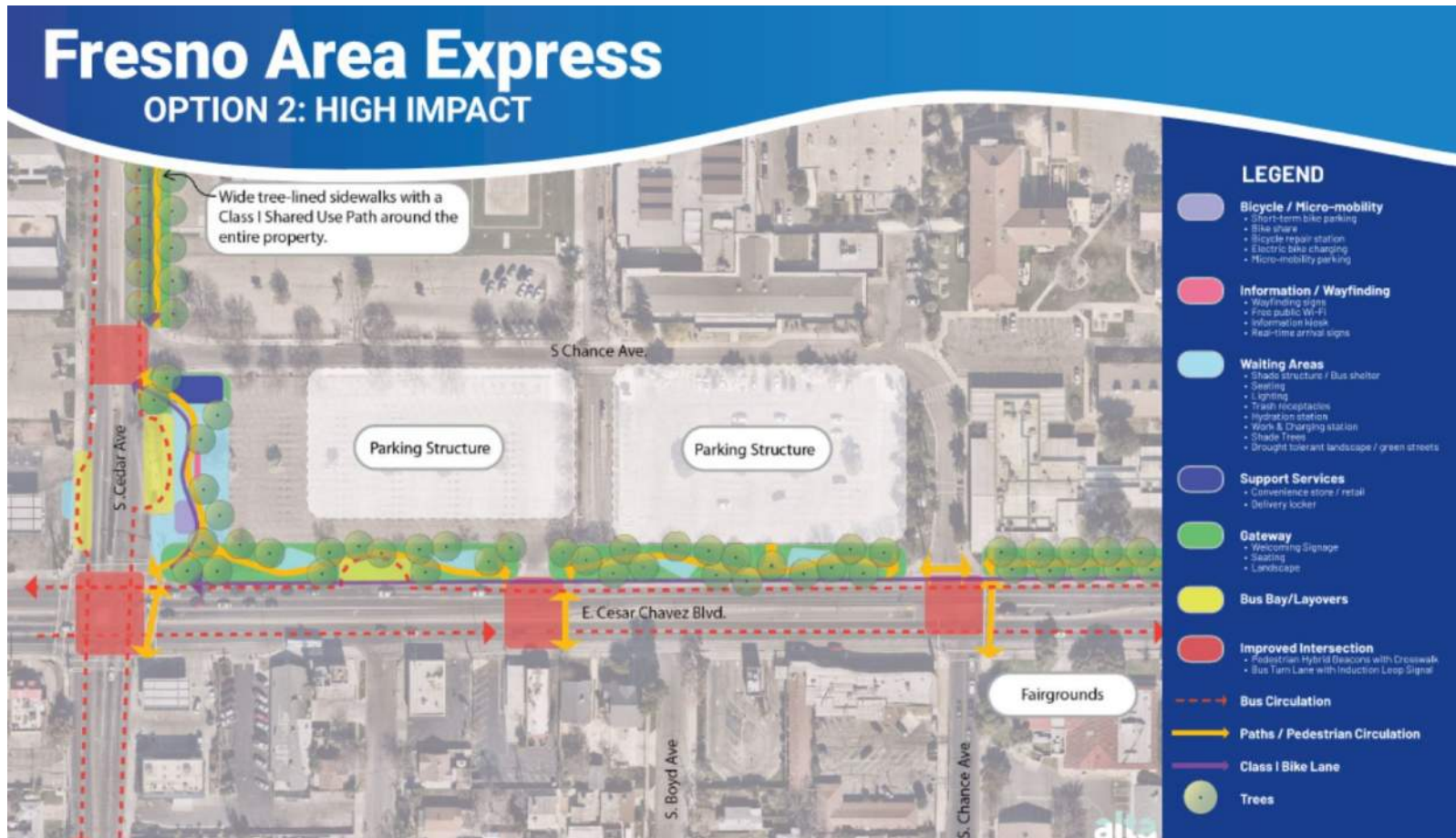


# Fresno - Cedar / Cesar Chavez

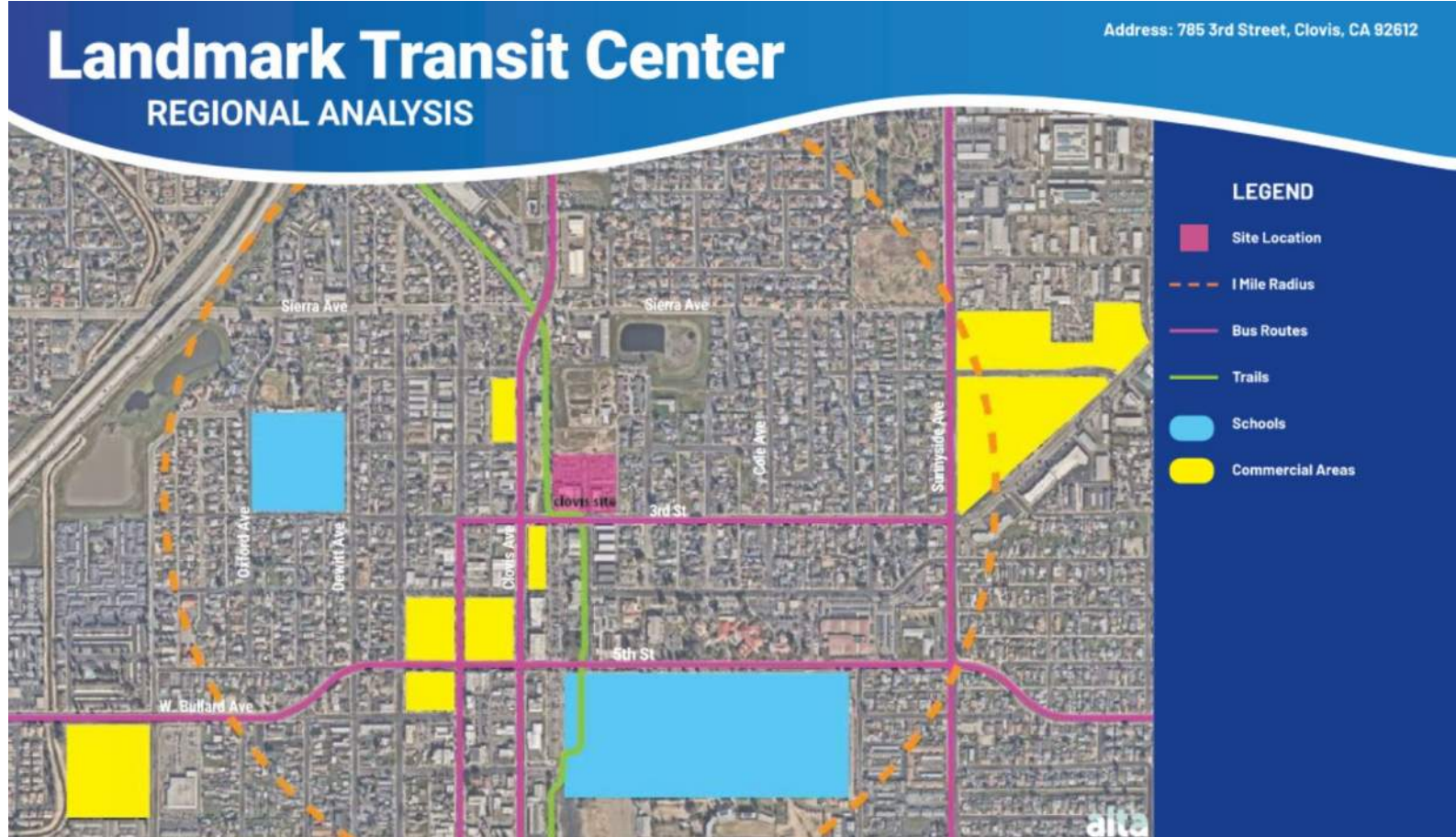
## Fresno Area Express OPTION 1: LOW IMPACT



# Fresno - Site concept 2



# Clovis Landmark Transit Center - Regional site analysis



# Clovis Landmark Transit Center

Address: 785 3rd Street, Clovis, CA 92612

## Landmark Transit Center

### OPTION 1: HIGH IMPACT



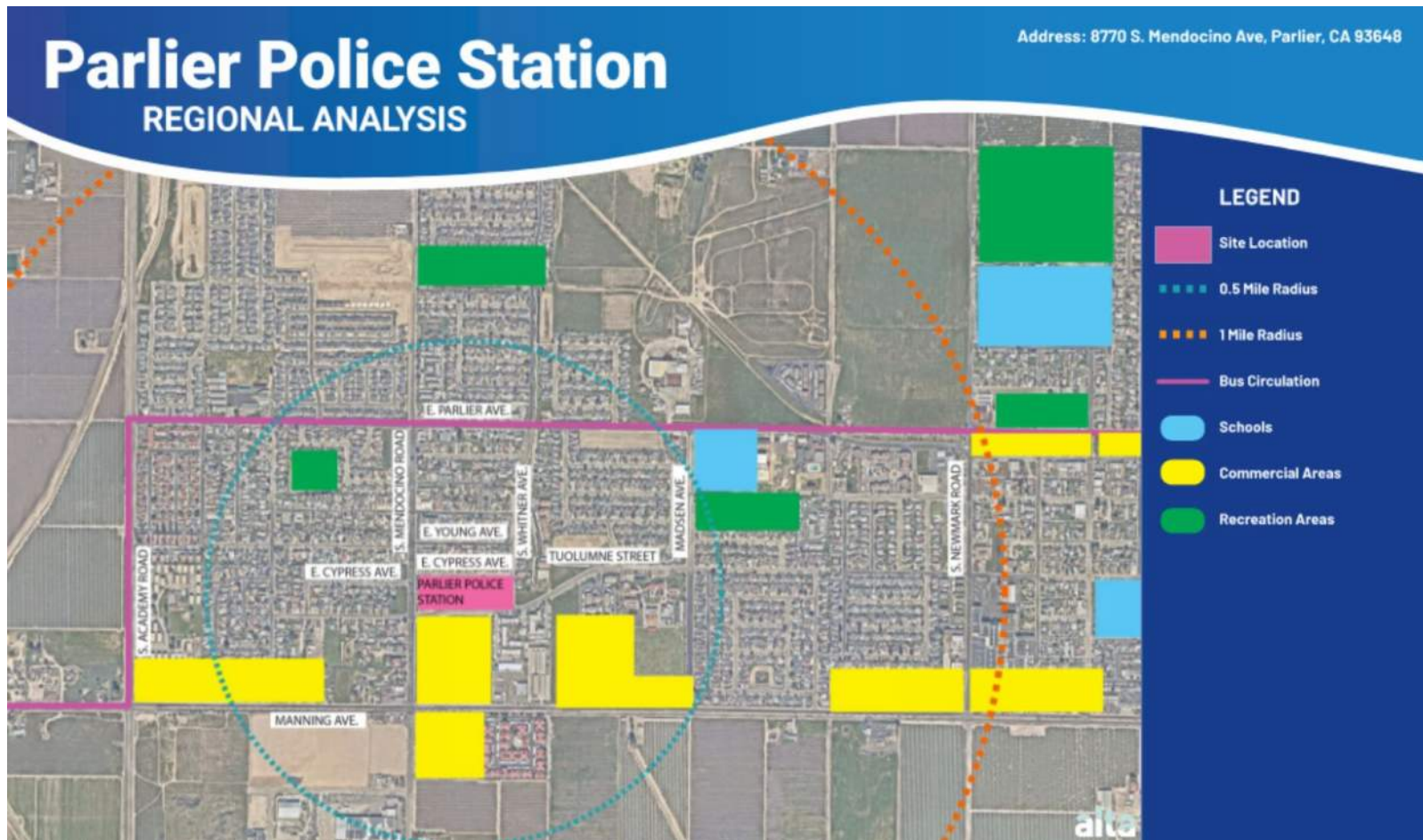
# Clovis Landmark Transit Center

Address: 785 3rd Street, Clovis, CA 92612

## Landmark Transit Center OPTION 2: LOW IMPACT



# Parlier Police Station - Regional site analysis



# Parlier Police Station

Address: 8770 S. Mendocino Ave, Parlier, CA 93648

## Parlier Police Station

### OPTION 1: HIGH IMPACT



Portion of parcel requires purchasing.

#### LEGEND

- Bicycle / Micro-mobility**
  - Short-term bike parking
  - Bike share
  - Bicycle repair station
  - Electric bike charging
  - Micro-mobility parking
- Information / Wayfinding**
  - Wayfinding signs
  - Free public Wi-Fi
  - Information kiosk
  - Real-time arrival signs
- Waiting Areas**
  - Shade structure / Bus shelter
  - Seating & Lighting, Charging Stations
  - Trash receptacles
  - Hydration station
  - Shade Trees
  - Drought-tolerant landscape / green streets
- Shade Structure**
  - Pedestrian shading
  - Vehicular shading
- Support Services**
  - Convenience store / retail
  - Delivery locker
- Gateway**
  - Welcoming Signage
  - Seating
  - Landscape
- Bus Bay/Layovers**
- Improved Intersection**
  - Pedestrian Hybrid Beacon with Crosswalk
  - Bus Turn Lane with Induction Loop Signal
- Bus Circulation**
- Paths / Pedestrian Circulation**
- Police Station Extents**
- Trees**
- EV Electric Vehicle Charging Station**

# Parlier Police Station

## Parlier Police Station

### OPTION 2: LOW IMPACT

Address: 8770 S. Mendocino Ave, Parlier, CA 93648

