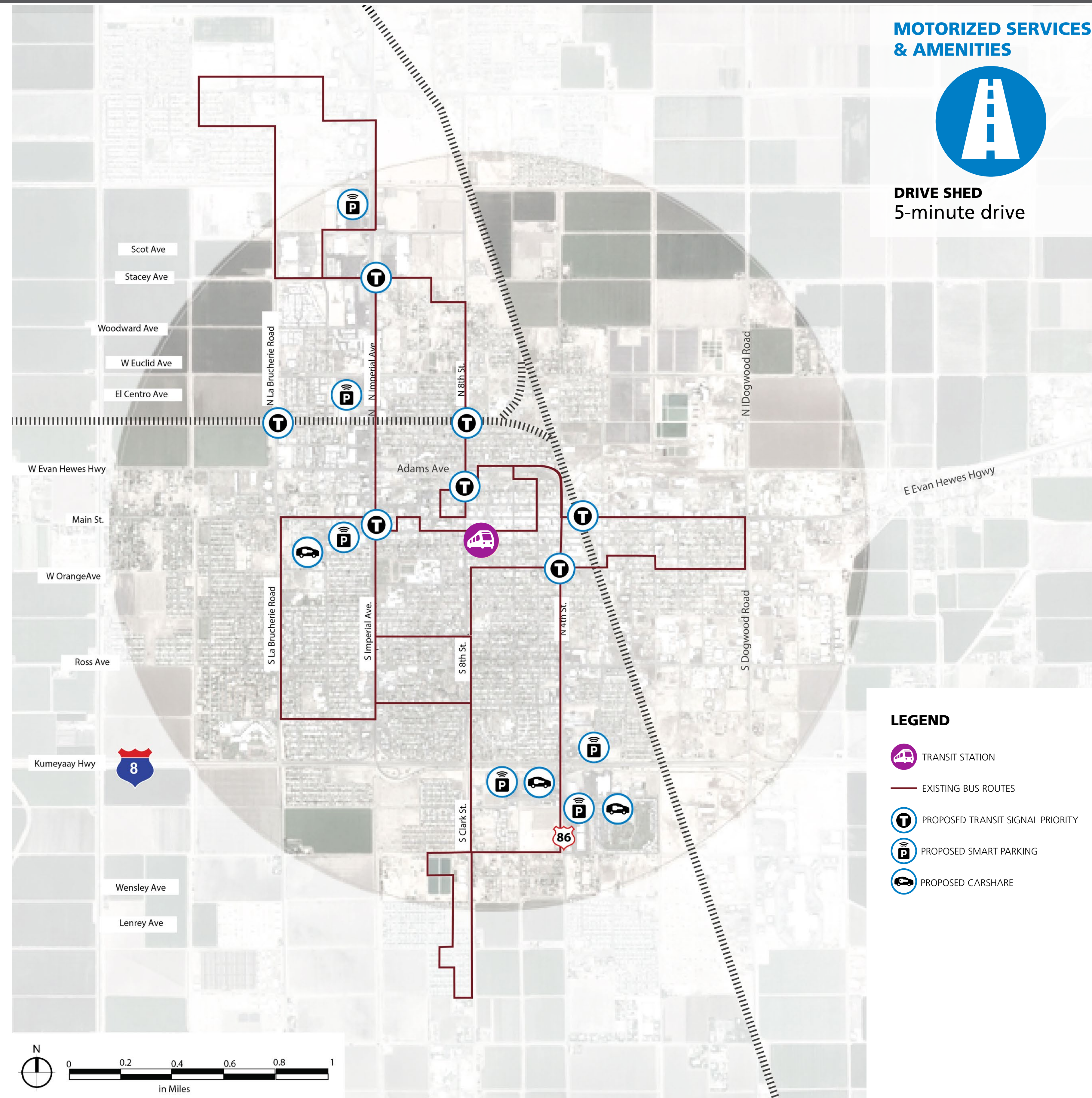


El Centro Mobility Hub

The El Centro drive shed comprises a major portion of the El Centro downtown area, which is well served by bus routes. The proposals intend to promote use of public transit through improvements and enhancements of infrastructure for motorized feeder modes.

Proposed transit friendly improvements include provision of **transit signal priority** along key transit corridors.

The existing automobile connections to the Transit Center are boosted through alternatives such as **carshare**. **Smart parking** applications are also proposed to enhance the utilization of existing parking infrastructure through real time information.



MOTORIZED SERVICES & AMENITIES



DRIVE SHED
5-minute drive



SMART PARKING

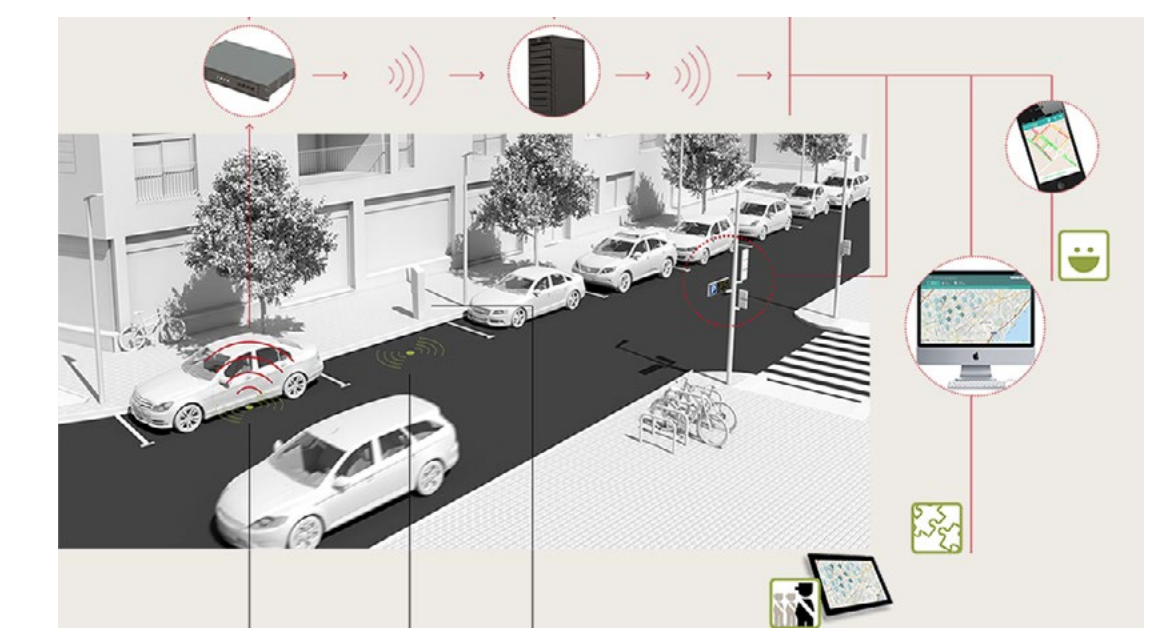


Image Source :

Smart parking solutions can be used to help communicate parking information to users, streamline enforcement and maintenance practices, provide data on parking patterns within the community, and create a better experience for users.



TRANSIT SIGNAL PRIORITY

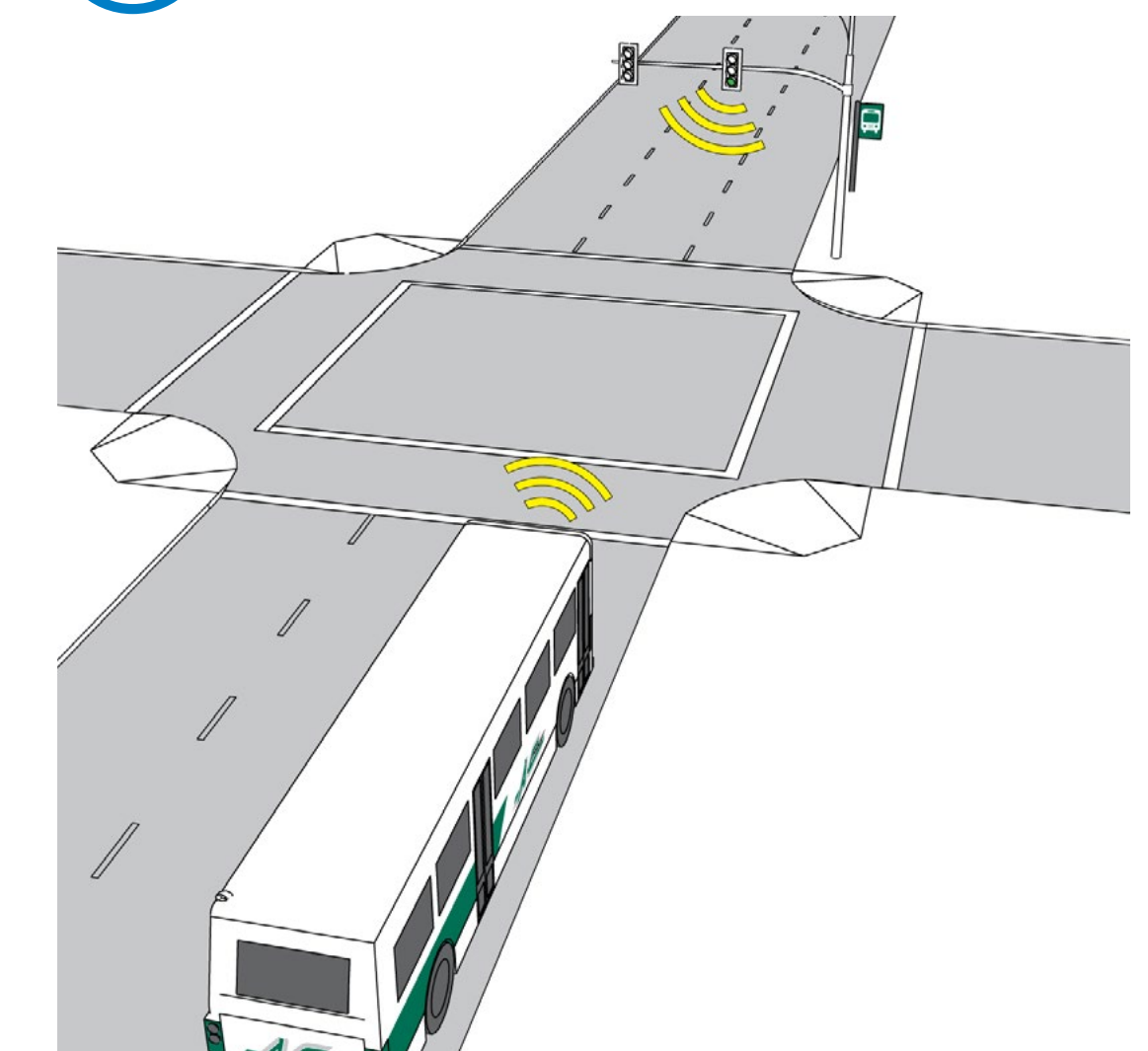







Image Source: actransit.org/project-elements/transit-signal-priority

Transit signal priority customized to specific mobility hub design helps facilitate traffic flow.

LEGEND

-  TRANSIT STATION
-  EXISTING BUS ROUTES
-  PROPOSED TRANSIT SIGNAL PRIORITY
-  PROPOSED SMART PARKING
-  PROPOSED CARSHARE

El Centro Mobility Hub

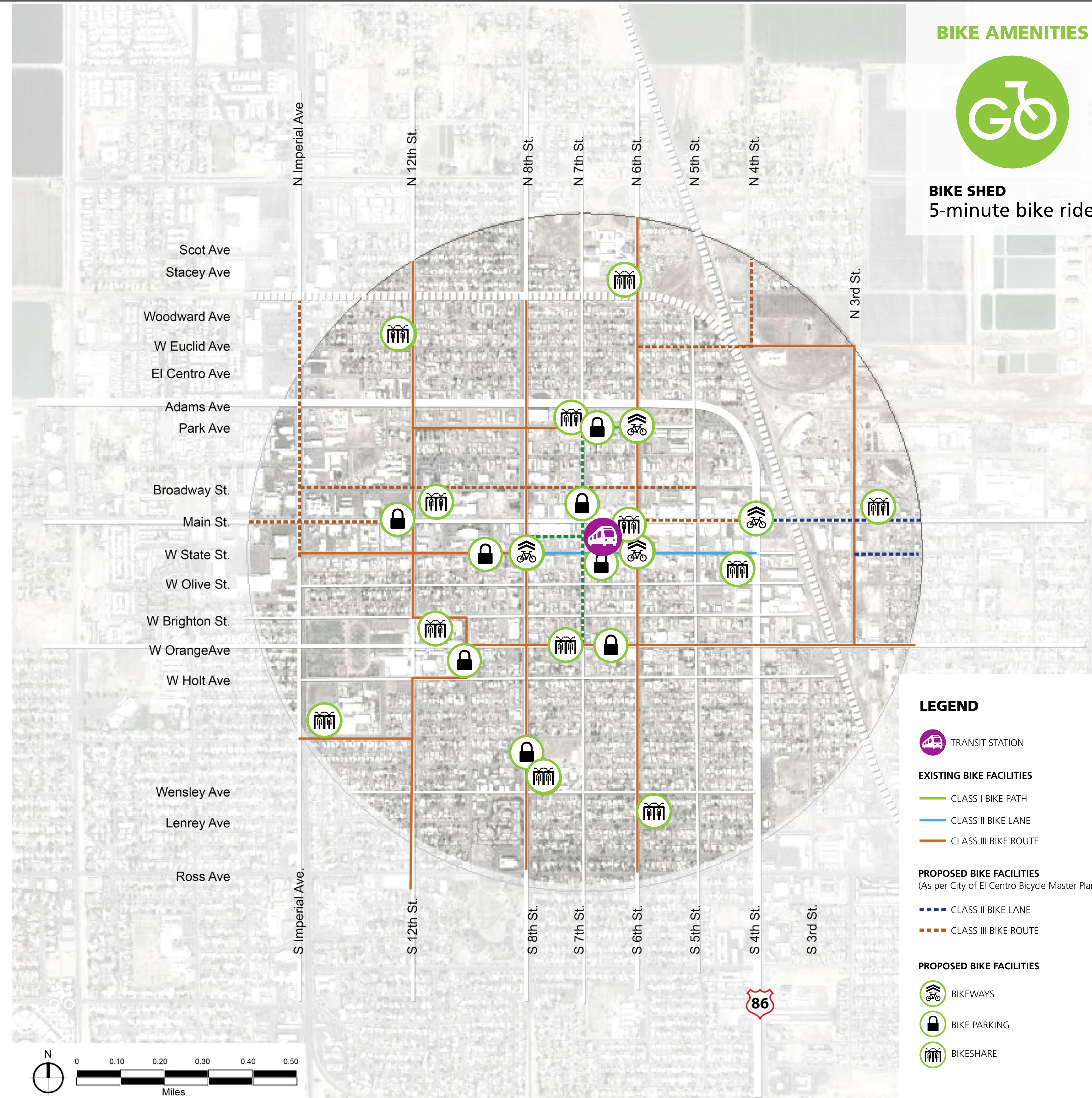
A number of bike facilities have been constructed recently as proposed by the City of El Centro Bicycle Master Plan. Gaps in the existing and proposed bicycle facilities have been addressed through the interventions shown here.

Class III Bike Lanes are proposed to connect the El Centro Transit Center through a finer network of sharrows along 7th St and the alleyway between 6th and 8th Streets.

Bike Crossings are proposed for safe cyclist mobility at critical intersections where one or more bike paths intersect.

Bike Parking is proposed to be provided along key bike routes to enable convenient bike parking and encourage biking for shorter trips.

Bikeshare is also proposed as an alternative transportation mode for last mile connectivity. Besides the transit center, bikeshare stations are also proposed at strategic locations throughout the bike shed.



BIKE AMENITIES



BIKE SHED
5-minute bike ride



Image Source: moncton.ca



Image Source: ci.berkeley.ca.us/

Bike Storage includes facilities like bike lockers, bike racks and secure group bike parking.



Image Source: NACTO



Image Source: thehubway.com

There are a number of tools that can be implemented to enhance the cycling environment and facilitate mobility. Bike facilities can range from special colored pavement and markings to a simple sign highlighting the route. Bike cut-throughs, rolling lanes and shared transit bike lanes can also facilitate bicycle movements.

El Centro Mobility Hub

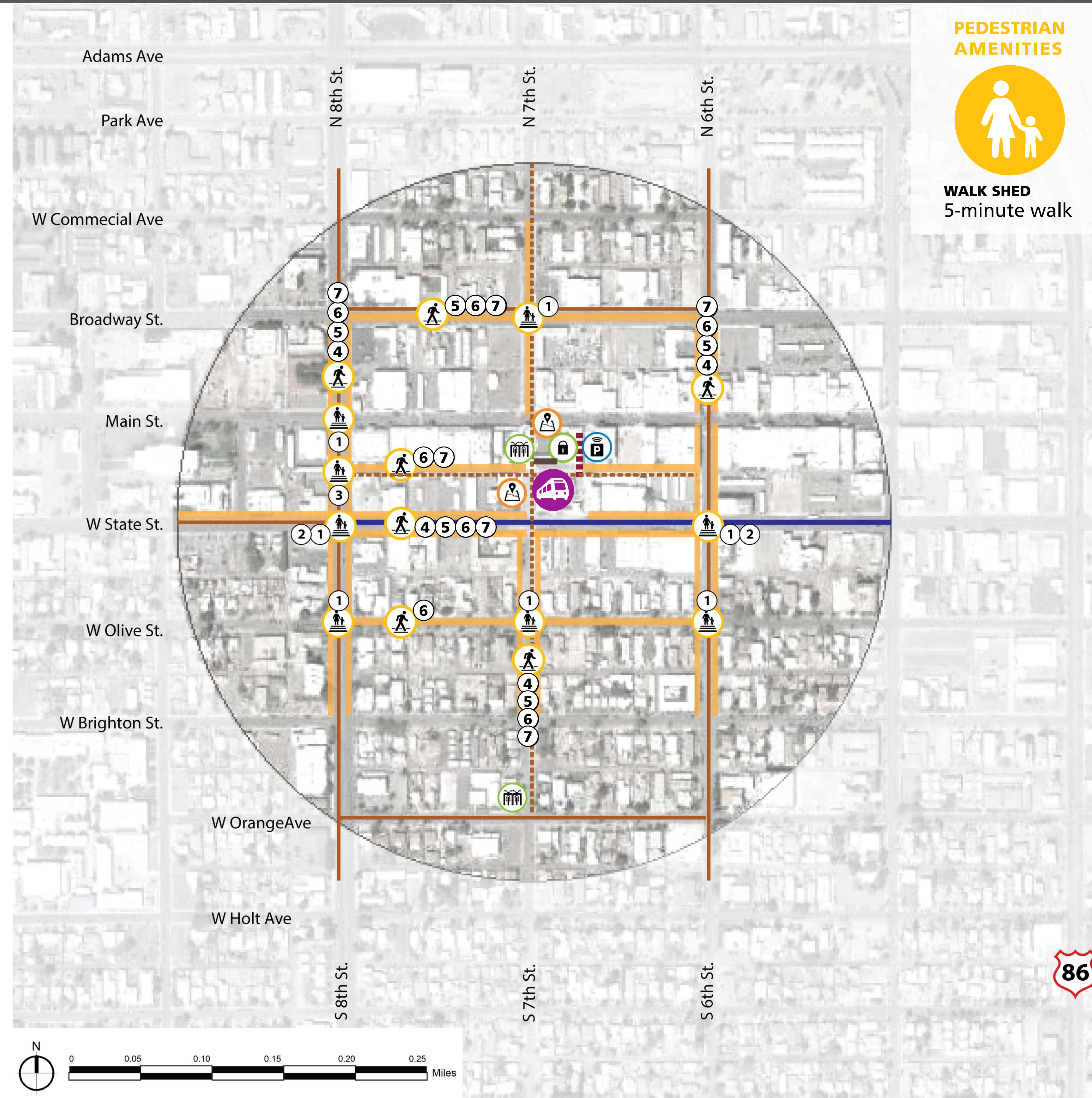
The Walk Shed proposals focus primarily on improving the attractiveness of walking to and from the Transit Center. Beyond Main Street, most of the walk-shed lacks continuous sidewalks or pedestrian infrastructure such as shade or lighting.

These and other issues are addressed in this proposal through the mobility hub components. Dispersal around the immediate transit station area is addressed through improvements such as **real time information** and other amenities like **package delivery, information kiosks, WiFi panels and wayfinding signage**. A **bikeshare station** and **bike parking** are also proposed near the station.

An adjoining vacant parcel is proposed to be converted to a **dynamic parking/loading zone** to provide interest and vibrancy throughout the day. Accessibility improvements such as disabled parking are also proposed.

Enhanced pedestrian facilities, such as **wide and continuous sidewalks, pedestrian lighting, and improved landscaping**, are proposed on 6th, 7th, and 8th Streets and State Street. The alleyway between 6th and 8th Streets running through the transit center is proposed to be enhanced as a pedestrian and bike connector.

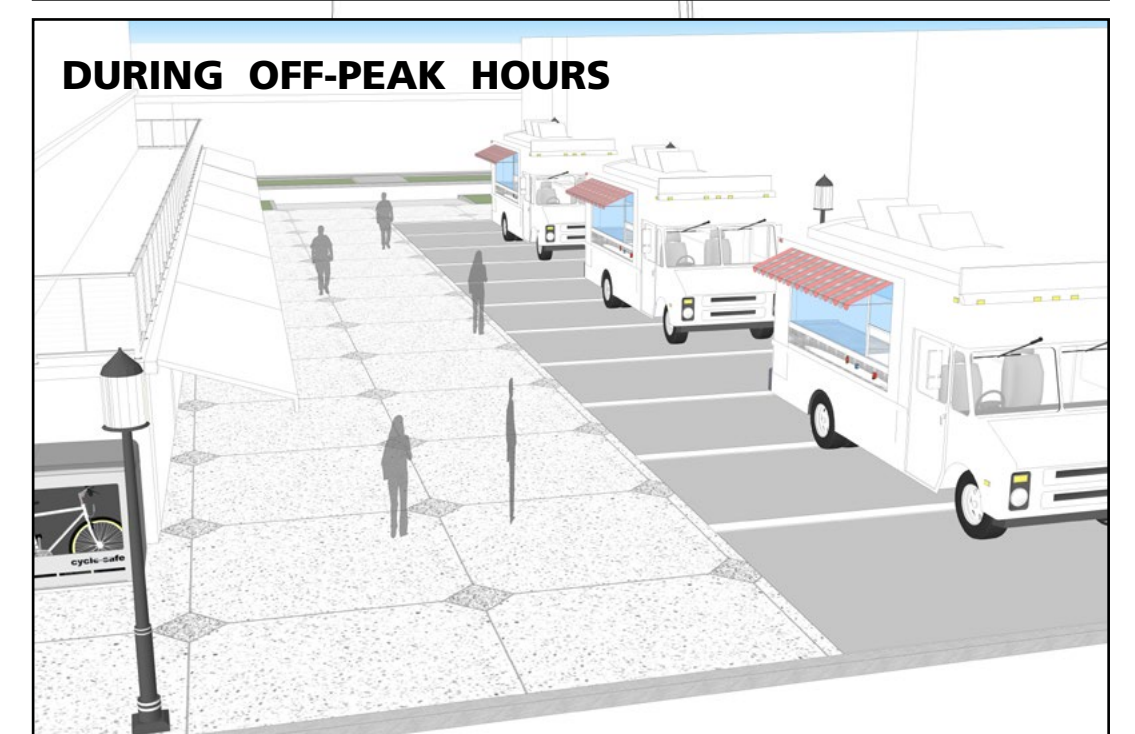
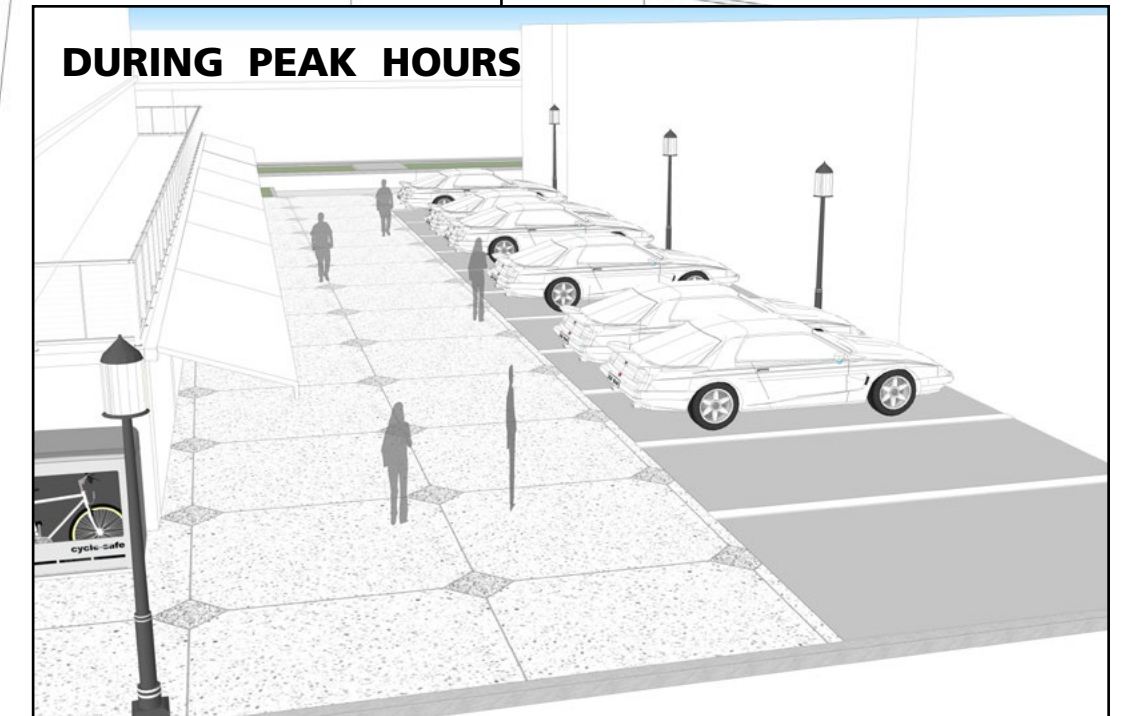
Enhanced crosswalks are proposed at all major intersections, incorporating **bike crossings** at State Street intersections.



El Centro Mobility Hub (Existing Transit Station Area)



El Centro Mobility Hub (Mobility Hub Concept)



WALKWAYS

- 1 Improved Streetscaping
- 2 Shaded Seating Spaces
- 3 Food Vending Kiosks
- 4 Improved Lighting



BIKESHARE

- 5 Bike Share facility is provided at the station area so that greater number of users have access to affordable biking facilities for short distance trips



BIKE PARKING

- 6 Bike lockers are provided at the station area to ensure a secure bike storage facility



ENHANCED TRANSIT WAITING AREAS

- 7 Universal Transportation Account Vending Machine
- 8 WiFi
- 9 Information kiosk



REAL-TIME TRAVEL INFORMATION

- 10 The display is updated in real time to account for traffic and other delays



SMART PARKING ↔ DISABLED PARKING

- 11 Parking is provided to ease a handicap commuter's mobility



SMART PARKING ↔ MOBILE RETAIL SERVICES

- 12 Dynamically assigned space to commercial loading zones and temporary parking areas to support a variety of services.



PACKAGE DELIVERY

- 13 Package delivery services are secure boxes in which online orders can be picked up that help improve the customer experience



WAYFINDING

- 14 Pedestrian wayfinding signage to enable easy navigation to nearby areas