



Tecolote Road Station Mobility Hub

The Tecolote Road Trolley Station is located at the intersection of Morena Boulevard and Tecolote Drive, east of I-5. The station connects employees, residents, students, and visitors from all over the region to nearby employment areas, residential homes, educational institutions, and commercial areas. Tecolote is a key gateway for passengers traveling to destinations along Sea World Drive, Morena Boulevard, and Linda Vista Road such as SeaWorld and University of San Diego.

What do riders need?



RETAIL EMPLOYEE
 I work in Linda Vista, but it's too far to walk from the Trolley. Occasionally, I work odd hours so I need flexible transportation options that get me to/from the Trolley and around the community. [#ondemand](#)

COLLEGE STUDENT
 I go to class during the week and wait tables at a nearby restaurant on weekends. I'm living car-free to save cash so I need safer streets to walk, bike, or scoot to transit. [#safetyfirst](#)



How can a mobility hub help?

The Tecolote Road Station Mobility Hub is more than just a transit station. It's a place where people can make seamless connections between public transit and other travel options using an integrated suite of services, amenities, and technologies. Leveraging both empirical analysis and community outreach, the mobility hub was designed to provide options for residents, employees, and visitors to travel from home to work and a wide variety of destinations in between.



Mobile Retail



Improved Crossings



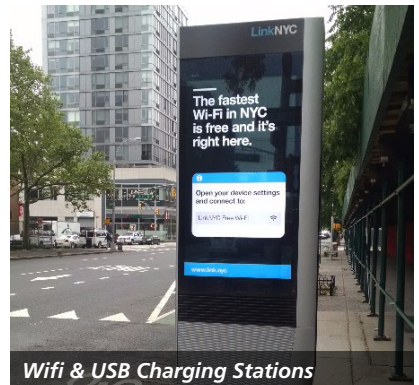
Cycle Track



Smart Parking



Passenger Loading



Wifi & USB Charging Stations

Photos courtesy of SANDAG and NACTO

ENHANCING ACCESS

The Tecolote Road Station Mobility Hub identifies a variety of services and amenities within a 5 minute walk, bike, or drive. Some strategies may be concentrated within a short walk or bike to transit, while others may leverage motorized shared services to reach their desired destination:

TRANSIT AMENITIES
 Located in the immediate transit station area to help riders plan trips and make connections while waiting in a safe and comfortable place

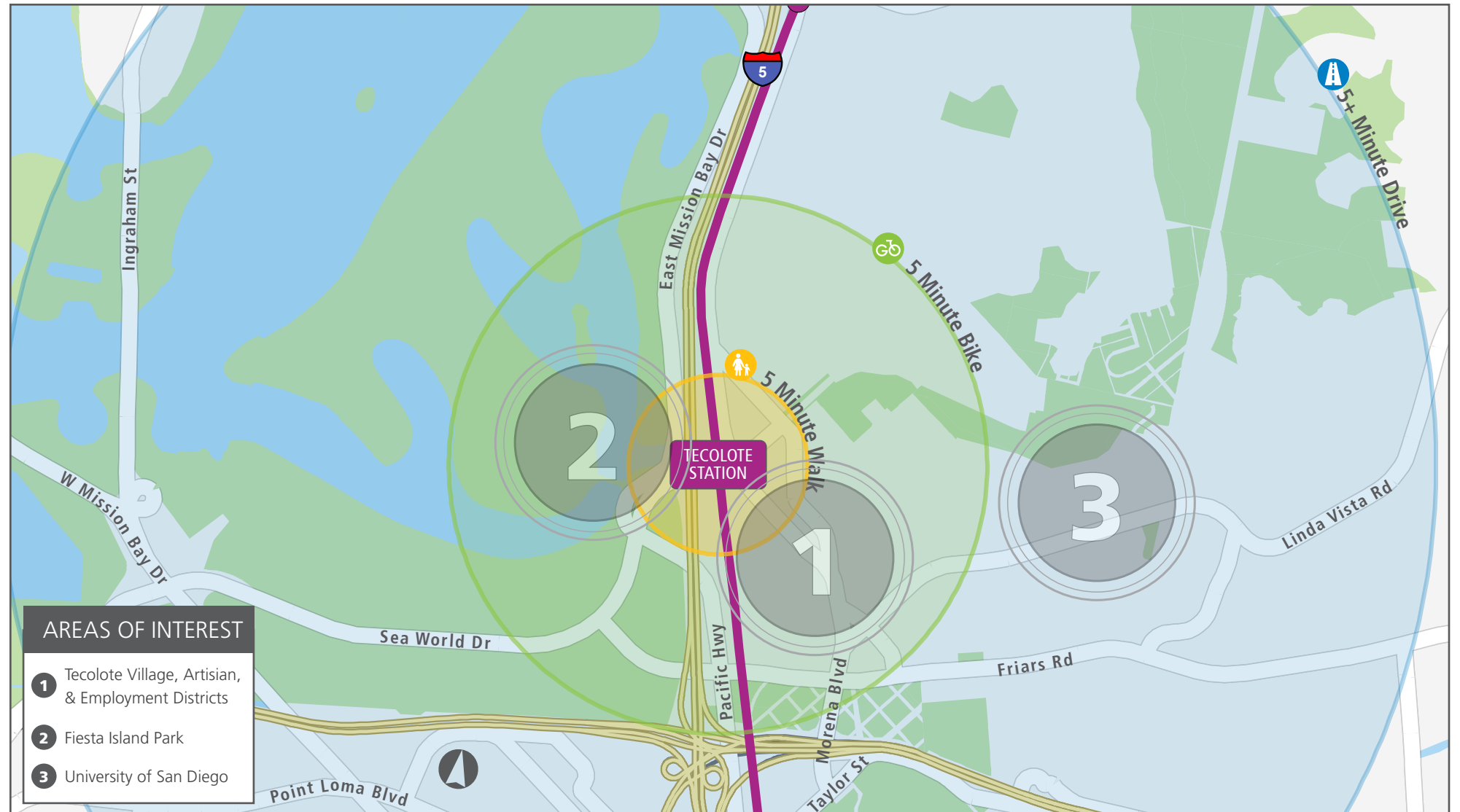
PEDESTRIAN AMENITIES
 Located within a 5 minute walk from the station and may include safe and convenient walkways and crossings

MICROMOBILITY SERVICES & AMENITIES
 Located within a 5 minute bike or scooter from the station and may include safe travel paths, secure parking, and geofenced designated drop zones for micromobility vehicles

MOTORIZED SERVICES & AMENITIES
 Located within a 5 minute drive from the station and may include on-demand, pooled services and infrastructure improvements to support their efficient operation

SUPPORT SERVICES & AMENITIES
 Located throughout the mobility hub including multimodal wayfinding, mobile retail services, and integrated trip planning and payment options

Proposed mobility hub strategies are listed below. Each icon's colored outline corresponds to one of the five mobility hub access categories above. All icons are interactive - click to learn more about a strategy using the *Mobility Hub Features Catalog*.



Enhancing the Travel Experience - Below are proposed strategies within walking, biking, or driving distance of the station that can extend travel to the areas of interest, above; potential locations are identified with: STATION #

ENHANCED TRANSIT WAITING AREAS STATION 1 3
 Provide WiFi and USB charging ports at station and bus stops to help passengers use their mobile devices to connect to NEV shuttle service, on-demand rideshare, and shared bikes/scooters.

REAL-TIME TRAVEL INFORMATION STATION 1 3
 Provide real-time information and availability of nearby mobility options via a mobile app and interactive kiosks at the Trolley station, USD campus, and commercial centers in Linda Vista.

WALKWAYS STATION 1 2
 Provide improved walkways for pedestrians along Tecolote Rd and Morena Blvd to improve access to and from the Trolley station.

CROSSINGS STATION 1 2
 Improve pedestrian mobility at intersections along Morena Blvd and Tecolote Rd by adding crosswalks, median refuges, and curb extensions.

BIKEWAYS STATION 1
 Implement a two-way separated cycle track along the west side of W Morena Blvd with 2-stage turn boxes at intersections and bike channels on stairs connecting the station to Tecolote Rd.

BIKEWAYS STATION 1 2
 Upgrade existing Class II bike lanes to a Class IV cycle track along Sea World Dr, E Mission Bay, and Fiesta Island Rd to provide safe bike access to the Trolley station.

BIKESHARE STATION 1 2 3
 Provide convenient, geofenced designated drop zones for shared dockless bikes and electric scooters at the station and nearby destinations to make effective use of the bike network.

MOPED SCOOTERSHARE STATION 1 2 3
 Implement a moped scootershare program to help passengers travel to destinations that require uphill travel or are located farther than a 5 minute bike ride such as the USD campus.

CARSHARE STATION 1 2 3
 Provide dedicated carshare parking spaces at the station, USD, other employment areas, and on-street to help Trolley riders travel within or outside the community as needed.

MICROTRANSIT STATION 1 2 3
 Provide convenient and safe pick-up/drop-off areas with signage at the station, USD, and nearby commercial areas for on-demand shuttles and other pooled rideshare options.

NEIGHBORHOOD ELECTRIC VEHICLES STATION 1
 Deploy low speed neighborhood electric vehicle shuttles to offer short-distance connections between the Tecolote Village, Artisan, and Employment Districts of the Morena Specific Plan.

ELECTRIC VEHICLE CHARGING STATION 1 2 3
 Site EV charging stations at the station and throughout the mobility hub for neighborhood electric vehicles, personal electric vehicles, electric bike/scootershare, and electric carshare.

SMART PARKING STATION 3
 Implement smart parking solutions at the station and USD campus to provide real-time parking availability, carpool priority, and the ability to reserve spaces in advance.

FLEXIBLE CURB SPACE STATION 1
 Establish areas near the station such as the north side of Vega St to hail rideshare services during peak hours and stage mobile retail/package delivery services during non-peak hours.

PACKAGE DELIVERY STATION 1 3
 Place convenient package delivery lockers at the Trolley station and throughout the mobility hub to save people an extra trip by car to pick up a parcel.

WAYFINDING STATION 1 2 3
 Install multi-modal digital wayfinding displays along major corridors like Morena Blvd, Sea World Dr, and Tecolote Dr so people can reach the station and their destinations smoothly.

SO WHAT COMES NEXT?

The recommended mobility hub features for the Tecolote Road Station could be incorporated into planning efforts such as the Linda Vista Community Plan Update while helping to fulfill Morena Corridor Specific Plan strategies. However, features should adapt to new mobility innovations.

Successful implementation of the Voigt Drive Station Mobility Hub will require close collaboration among SANDAG, the City of San Diego, Caltrans, MTS, USD, the private sector (developers, property managers, employers, mobility & technology providers), and other community stakeholders. To make the mobility hub a reality, the following four implementation actions may be considered early on:



Adopt policies that enable mobility hub feature implementation

- Account for recommended multi-use path, improved crossings, two-way separated cycle track, and dedicated rideshare pick-up/drop-off zones within community plan updates, capital improvement plans, park master plan, and service operation changes. *(City of San Diego, MTS, SANDAG)*
- Review and update parking policies at station and existing/future developments to encourage and integrate dedicated carshare spaces, EV charging stations, carpool/vanpool spaces, and smart parking. *(MTS, City of San Diego, Developers, Property Owners, SANDAG)*
- Revise existing criteria for regional grant programs to better integrate mobility hub feature implementation. *(SANDAG, Caltrans)*
- Develop and adopt a neighborhood electric vehicle (NEV) transportation plan that enables NEVs to operate on roadways above 35 mph, where needed, and identifies NEV charging and passenger loading zones. *(SANDAG, Caltrans, MTS, Mobility & Technology Providers, SDG&E, City of San Diego)*



Allocate flexible space for mobility hub features

- Allocate transit station and on-street curb space for loading and unloading passengers using on-demand shuttles and other rideshare services. Convert a portion of the curb space for package delivery vehicles to use during non-peak hours. *(City of San Diego, MTS, Mobility & Technology Providers)*
- Plan for a network of wireless charging infrastructure to support a fleet of shared, connected, and driverless shuttles and vehicles. *(SANDAG, MTS, City of San Diego)*



Partner to fund, pilot, & sustain mobility hub features

- Partner with private entities to site passenger loading areas within nearby developments to facilitate safe and convenient pick up/drop off by on-demand rideshare and microtransit services during peak periods. *(City of San Diego, SANDAG, MTS, Employers, Property Owners, Mobility & Technology Providers)*
- Partner with private operators to develop and pilot diverse micromobility service options between the Trolley Station and key destinations such as a NEV shuttle service. Public and private subsidies may be needed to establish initial ridership. *(Mobility & Technology Providers, Employers, Property Managers, City of San Diego, MTS, SANDAG)*
- Purchase and site real-time travel displays indicating Trolley schedule plus proximity of other shared mobility options. Shared mobility operators sponsor displays in exchange for complimentary marketing. *(Developers, Property Owners, MTS, SANDAG, Mobility & Technology Providers)*



Monitor progress & performance metrics to refine strategies

- Assess performance of micromobility and on-demand shuttle ridership to adjust service model, vehicle supply, and subsidy levels. *(Employers, Mobility & Technology Providers, SANDAG, MTS, City of San Diego)*
- Implement open data policies to better assess ridership, mode shift and travel preferences. Mobility hub implementation hinges on collecting, aggregating, managing, and acting on data from a wide variety of sources. *(SANDAG, Mobility & Technology Providers, City of San Diego, MTS)*