

# Moffett Park Today

## Baseline Statistics

Plan Area	1,284 acres
Private Parcels	1,156 acres

## Land Area:

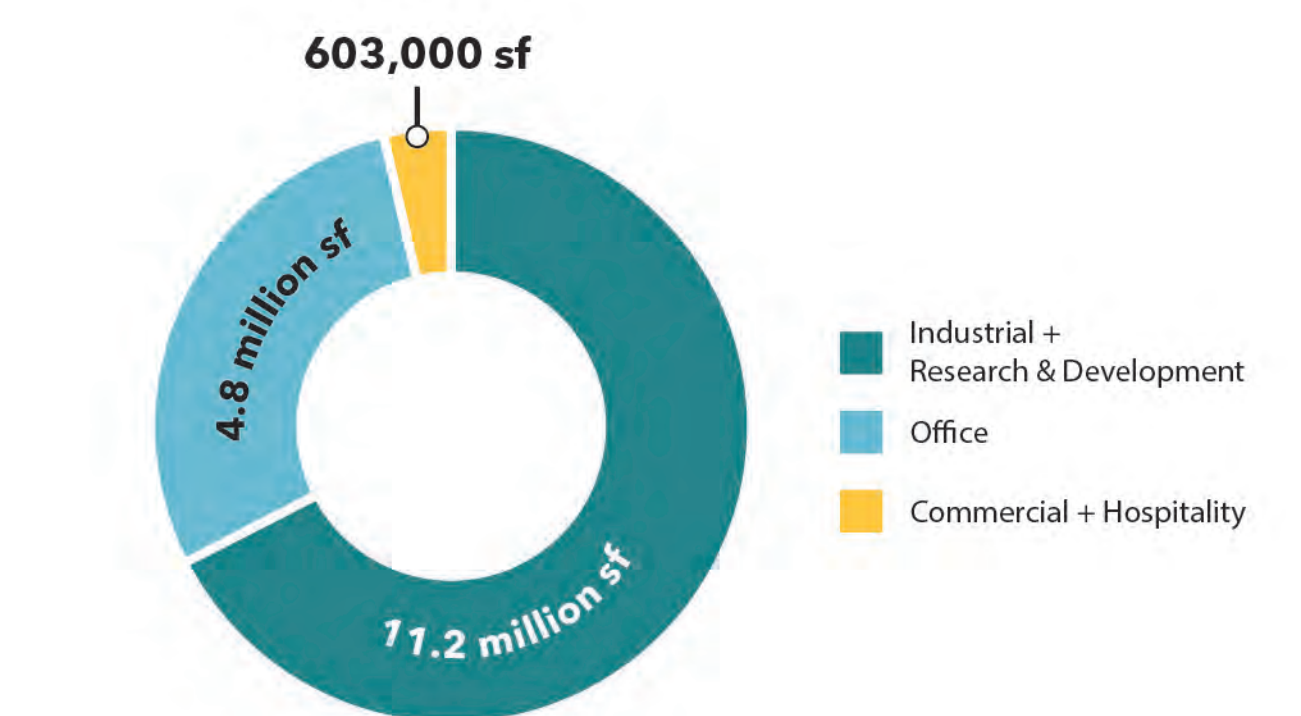
Public Streets/ROW	128 acres
Private Streets	34 acres
<b>Subtotal</b>	<b>161.6 acres (12.6%)</b>

## Commercial Floor Area:

Existing	17,852,459 sf
Existing + Pipeline	20,822,934 sf

## Land Use

Acres	Residents	Dwelling Units
1,284 a	0	0 du



## Legend

- Stormwater Channels
- Streets
- City Parks
- VTA Lightrail Line + Stations



# Guiding Principles: Envisioning Moffett Park

## What are Guiding Principles?

Guiding principles are the core values, objectives, and aspirations that will help guide and shape the overall planning framework, policies, and recommendations in the Sunnyvale Moffett Park Specific Plan Update. They give the City staff, local community, and everyone involved a foundation for decision-making and strategizing solutions.

These principles will be further revised and refined throughout the planning and community engagement process in the coming months.

## How did we get here?

The Sunnyvale City Council voted in 2019, authorizing an update to the Moffett Park Specific Plan. Since that time, the City has conducted interviews and meetings with community members, property owners, and residents to determine what priorities and goals an update should feature.

## Guiding Principles discussed with Sunnyvale Planning Commission (2019)

- Create comprehensive community involvement strategy
- Consider the potential economic impacts of adding housing while directing growth toward transit supportive uses and improvements
- Improve vehicular, pedestrian, bicycle and transit connectivity
- Develop and implement urban design standards for streets, streetscapes, buildings and open space, which promote walkable and livable environments
- Redefine the Moffett Park Specific Plan as an "Ecological and Innovation District"
- Prepare an implementation strategy for infrastructure and services
- Prepare a program-level environmental impact report

## Have more ideas?

**Share your thoughts!**



# What are your key priorities for Moffett Park?

*DRAFT Intent: A well-connected ecological innovation district with a diverse mix of uses that serves as a model of sustainability, resilience, and economic opportunity.*

- 1** Increase capacity of tech sector business
- 2** Preserve R+D/light industrial local businesses
- 3** Facilitate district-scale infrastructure
- 4** Create a well-connected walking and biking network
- 5** Improve transit and connections to Sunnyvale
- 6** Inspire creativity and social interaction in hubs of activity
- 7** Create a vibrant 24-hour mixed-use district
- 8** Promote housing at all income levels
- 9** Support urban ecology to enhance biodiversity
- 10** Connect people to nature and the Bay
- 11** Design for no net new vehicle trips
- 12** Improve the quality of life throughout all of Sunnyvale
- 13** Mitigate impacts of climate change and sea level rise
- 14** Create destination open spaces
- 15** Create unique sense of place





### A. String of Neighborhoods



### C. Java Focused Main Street



### B. Two Activity Centers



### D. Geneva Focused Main Street



## Ideas for Creating Mixed-Use Neighborhoods

Add a dot for your preferred conceptual land use idea.

**A. String of Neighborhoods**

**B. Two Activity Centers**

**C. Java Focused Main Street**

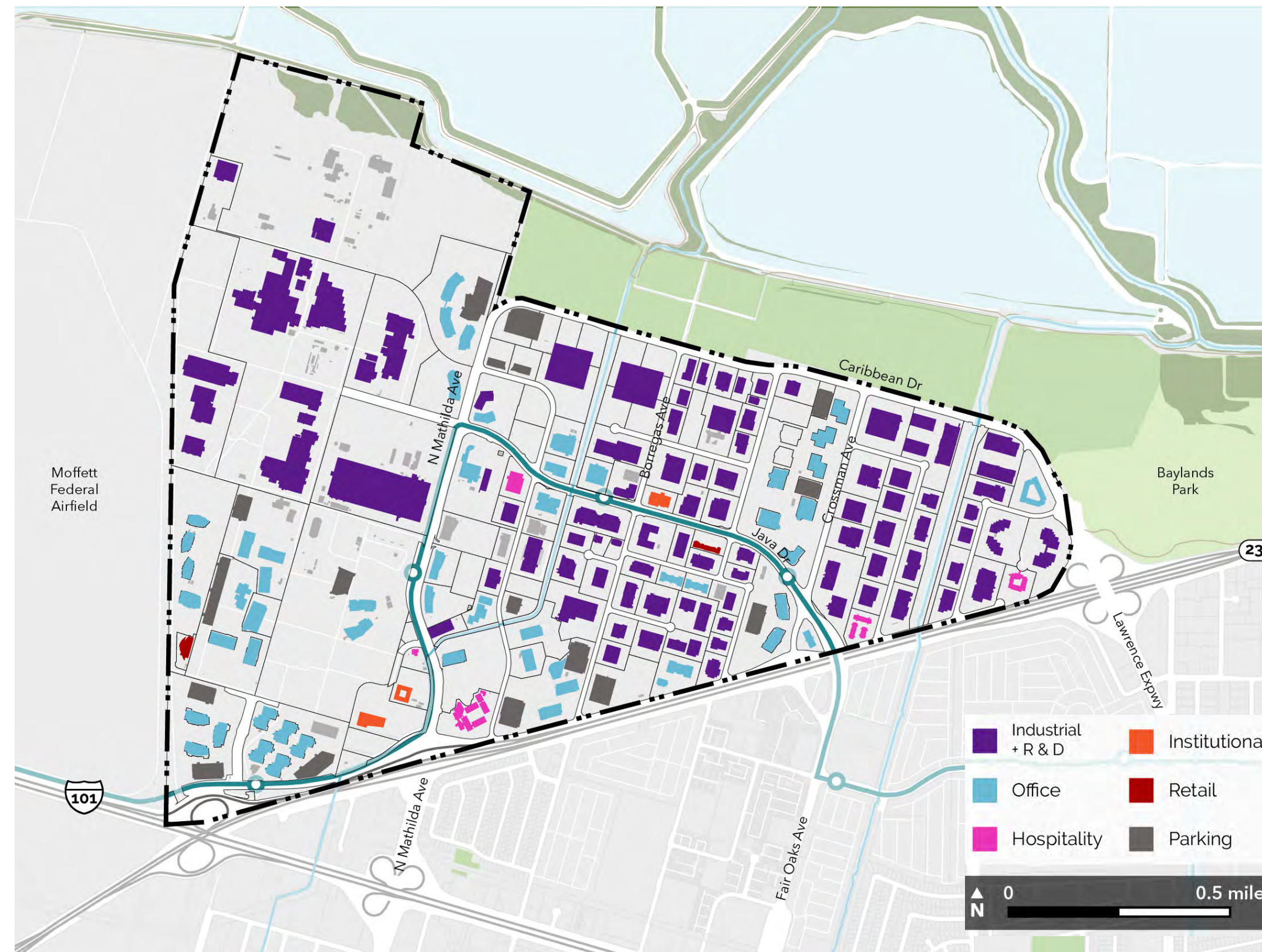
**D. Geneva Focused Main Street**

#### Legend

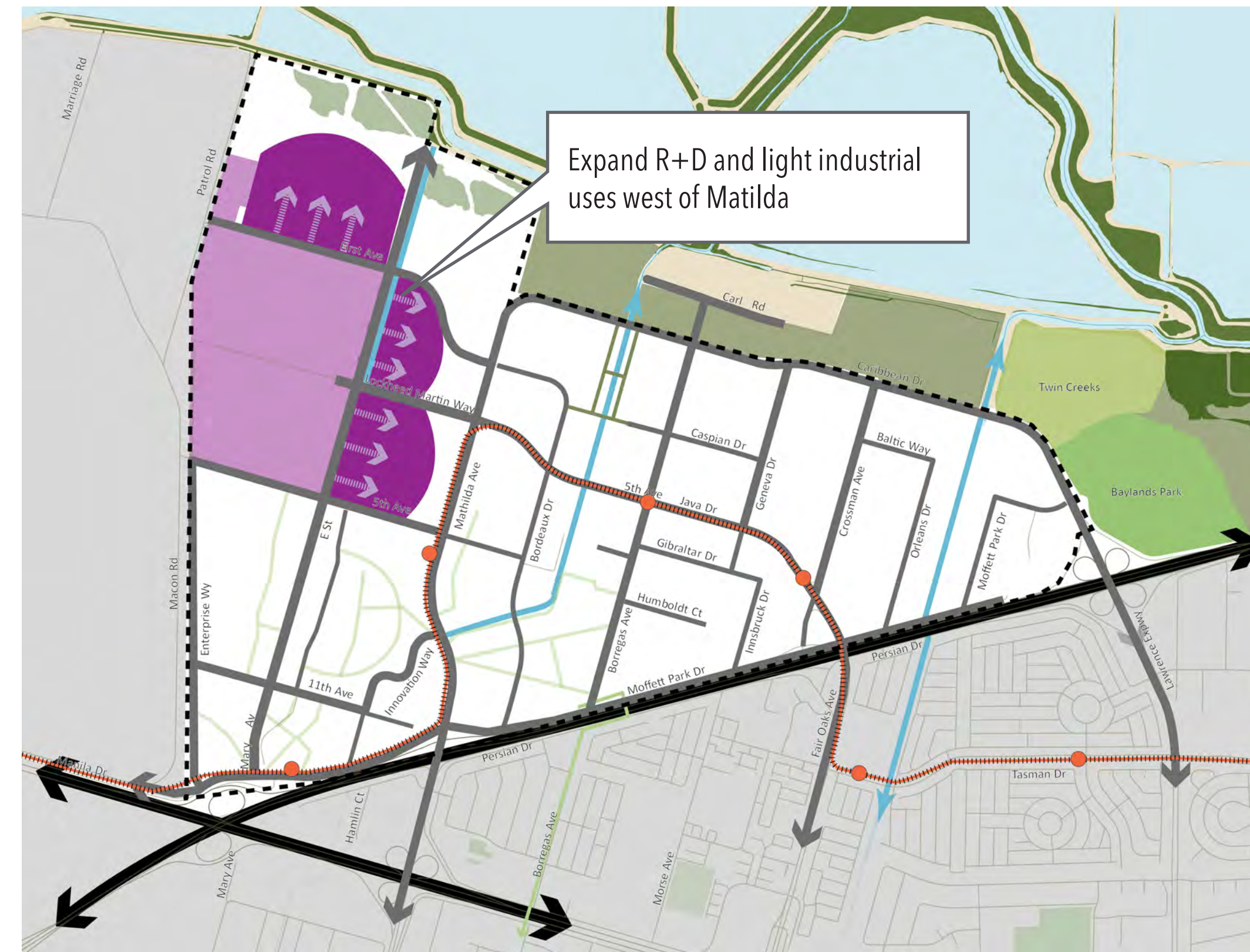
-  Streets
-  Lockheed Martin
-  Activity Centers + Main Streets
-  Village Corners
-  Mixed-use Area



## Existing Land Use Map



## A. Lockheed Martin Area Expansion



## Ideas for R+D/Light Industrial Expansion/Preservation

### Draft Guiding Principle

Preserve the cluster of technology sector businesses as an economic engine for Sunnyvale and the Bay Area while blending new emerging industries and preserving small local businesses into the district.

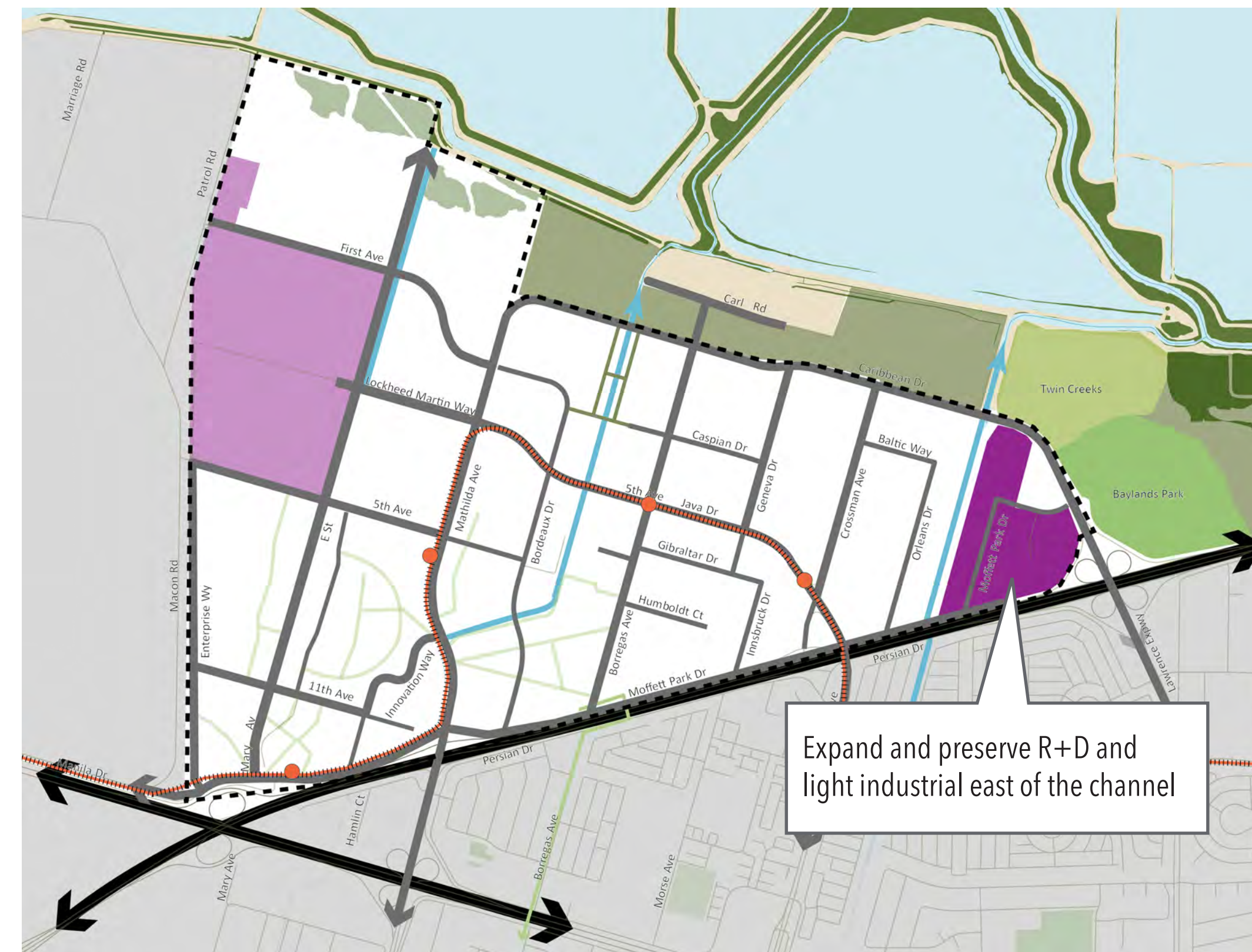
### A. Lockheed Martin Area Expansion

Expand research + development and light industrial businesses west of Matilda to take advantage of shared truck access.

### B. Caribbean Drive Focus

Locate a cluster of research + development and light industrial businesses along Caribbean Drive to take advantage of truck access.

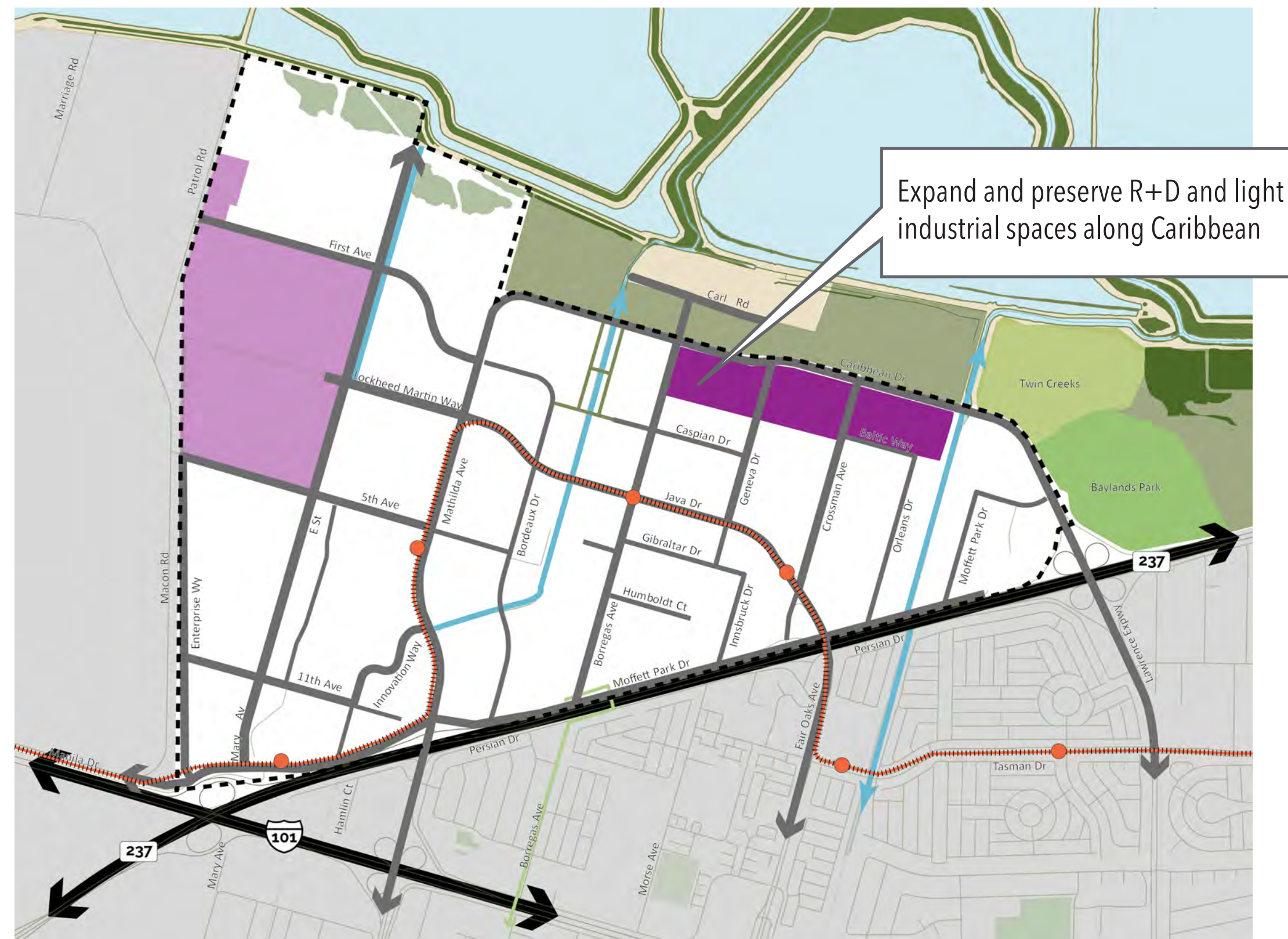
## C. East Channel Focus



### C. East Channel Focus

Locate a cluster of research + development and light industrial businesses along east of the East Channel to take advantage of freeway interchange.

## B. Caribbean Drive Focus



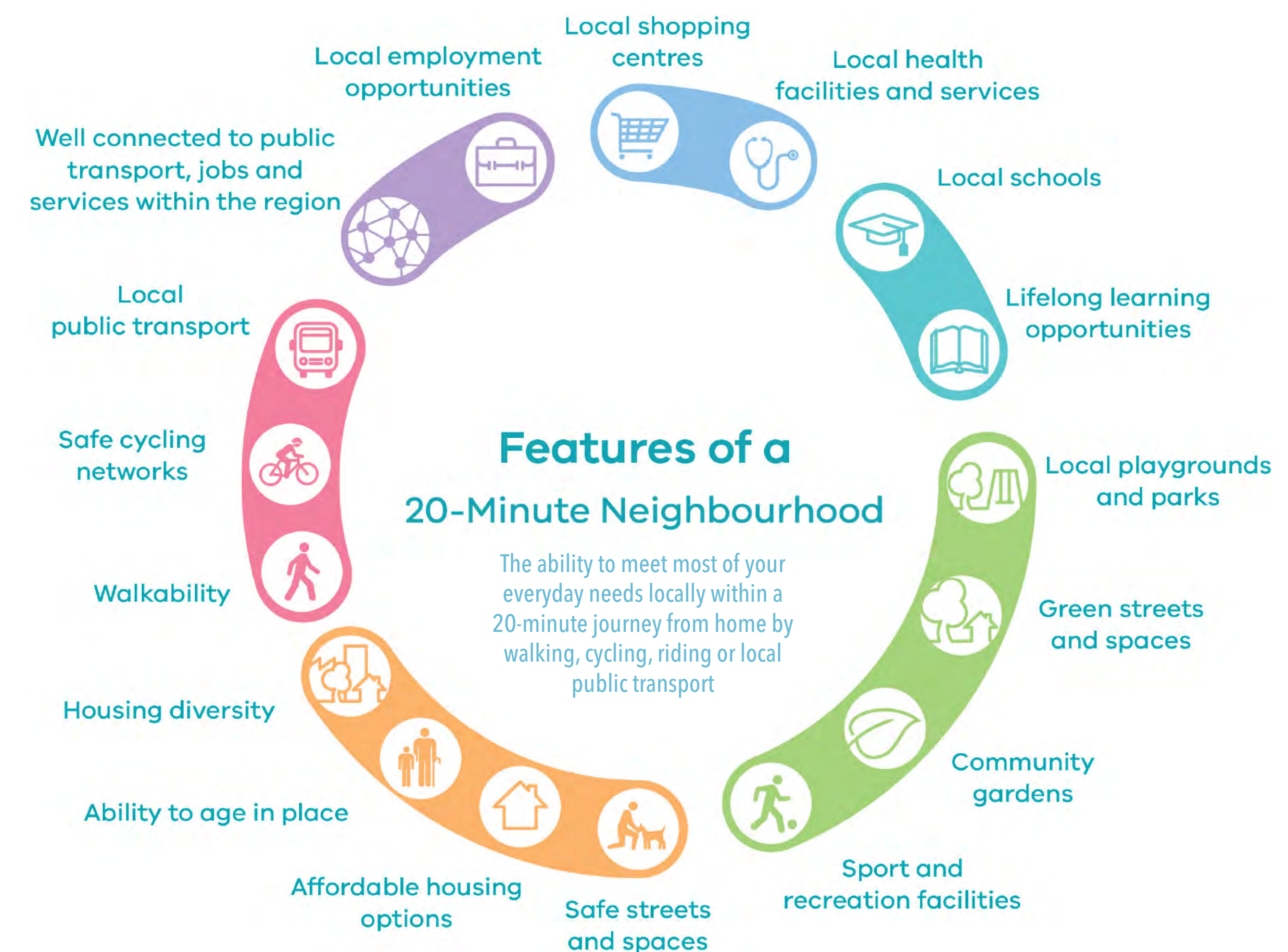
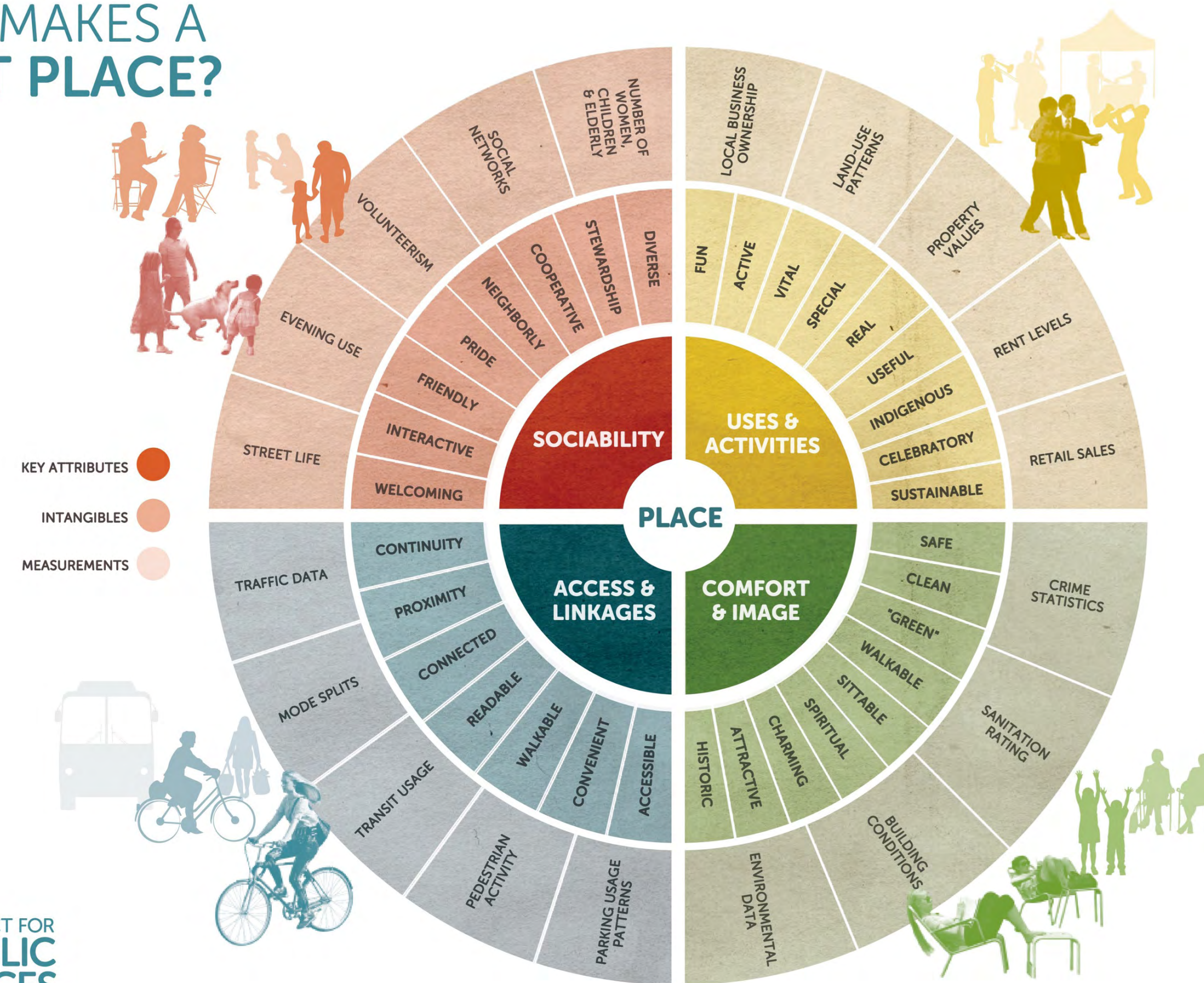
### Legend

- Lockheed Martin
- R+D/Light Industrial Area
- Streets
- VTA



# Pedestrian-Oriented Place Making

## WHAT MAKES A GREAT PLACE?



### WALK TO SHOPS



### SAFE STREETS



### GET AROUND EASILY



### HOUSING CHOICES



### GATHERING PLACES



### CITY SERVICES



### SPECIAL CHARACTER



### PART OF THE WHOLE



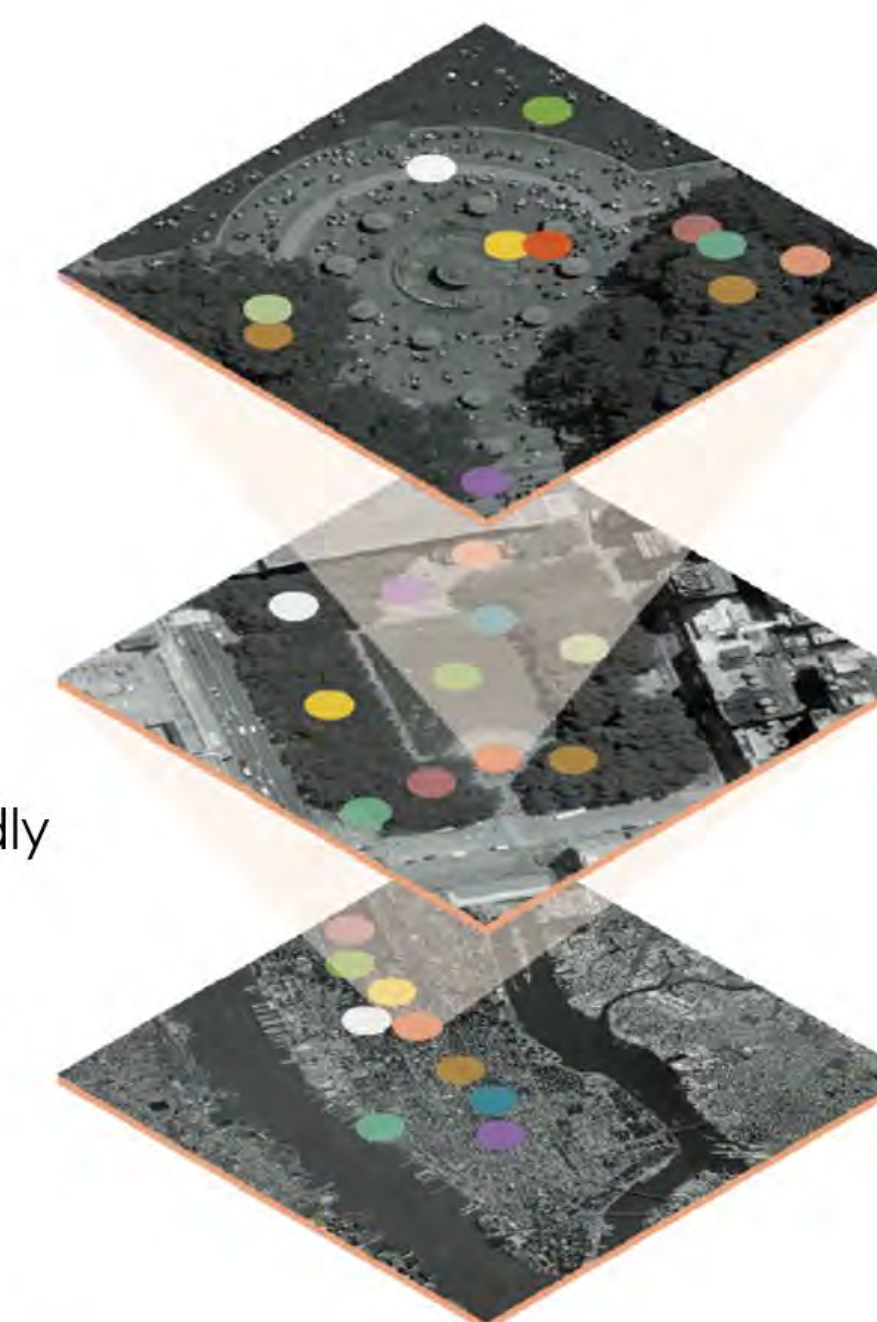
## The Power of Ten

Fred Kent

**10X10X10 = 1000**  
"Small Spaces"

### People and Products as Primary Focus

Comfort and Amenities...Welcoming/Friendly  
Triangulate  
Streets as Places...To not Thru  
Localize thru Markets, Local Business, Talent  
Architecture of Place  
Public Multi-use Destinations



### PLACE

10+ things to do layered to create synergy

### DESTINATION

10+ Places to go

### CITY/REGION

10+ Major Destinations





# Activity Centers



# Main Streets

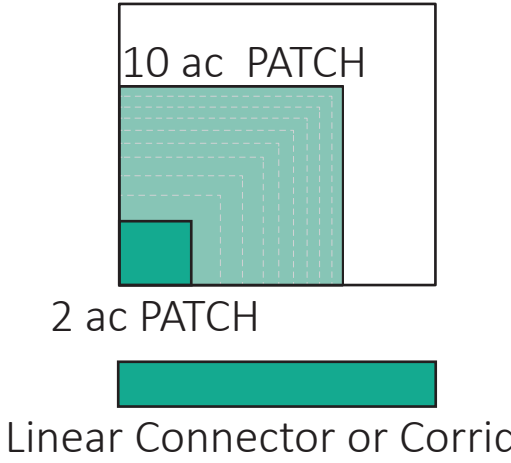
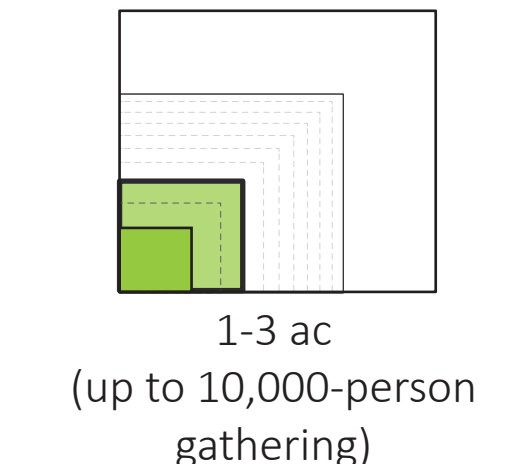
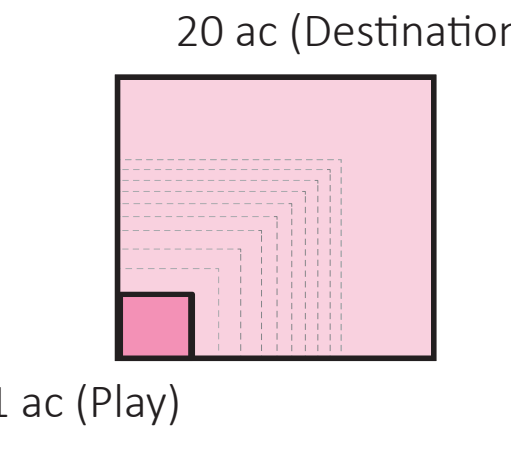
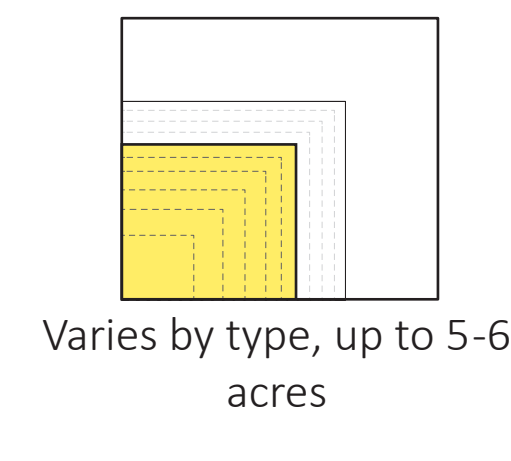
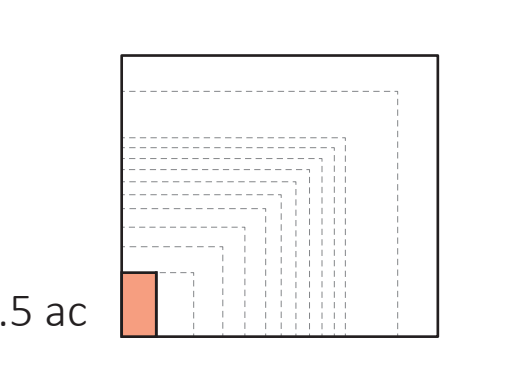
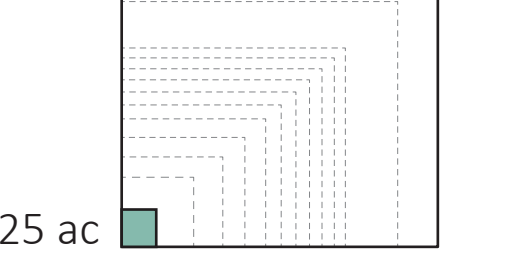


# Village Corners





# Open Space Toolkit

WHAT KINDS OF OPEN SPACE ARE MOST DESIRABLE?	TYPES + SIZE (ACRES)	POTENTIAL ACTIVITIES AND USES		TELL US YOUR THOUGHTS ON TYPES OF OPEN SPACE!
<b>PARK</b>	<b>EXISTING</b> 223 ac TOTAL IN SUNNYVALE	25 ac of athletic fields in Sunnyvale 126 ac parkland in Sunnyvale	72 ac of developed parkland in Baylands Park	
<b>ECOLOGICAL / HYDROLOGICAL</b>		<ul style="list-style-type: none"> <li> Picnic</li> <li> Education &amp; Interpretation</li> <li> Avian Habitat</li> <li> Photo Point</li> </ul>	<ul style="list-style-type: none"> <li> Birding</li> <li> Pollinator Habitat</li> <li> Riparian Habitat</li> <li> Upland Habitat</li> <li> Playground</li> <li> Trail Hiking</li> <li> Stormwater Management + Flood Mitigation</li> <li> Stormwater Treatment</li> </ul>	
<b>CIVIC/CULTURAL</b>		<ul style="list-style-type: none"> <li> Games</li> <li> Interactive Fountain</li> <li> Demonstration</li> <li> Photo Point</li> </ul>	<ul style="list-style-type: none"> <li> Food &amp; Beverage</li> <li> Retail</li> <li> Farmer's Market</li> <li> Celebrations/Special Events</li> <li> Cultural Performance</li> <li> Public Art</li> </ul>	
<b>SOCIAL/RECREATION</b>		<ul style="list-style-type: none"> <li> Active Recreation</li> <li> Dog Park</li> <li> Playground</li> <li> Education &amp; Interpretation</li> </ul>	<ul style="list-style-type: none"> <li> Celebrations/Special Events</li> <li> Food &amp; Beverage</li> <li> Picnic Areas</li> </ul>	
<b>SPECIAL USE AREA</b>	355 ac in 9 facilities TOTAL IN SUNNYVALE	Sunnyvale Golf Course Sunken Gardens Nine-Hole Course	Baylands Park Wetlands Closed landfill property	
<b>HYBRID</b>	<b>MOBILITY</b>  Varies by type, up to 5-6 acres	<ul style="list-style-type: none"> <li> Shared Ways</li> <li> Green Link</li> <li> Bikeways</li> </ul>	<ul style="list-style-type: none"> <li> Streets</li> <li> Paseos</li> <li> Service Alleys</li> </ul>	
<b>PRIVATE</b>	<b>CAMPUS/WORKPLACE</b>  0.5 ac	<ul style="list-style-type: none"> <li> Active Recreation</li> <li> Games</li> <li> Public Art</li> </ul>	<ul style="list-style-type: none"> <li> Celebrations/Special Events</li> <li> Food &amp; Beverage</li> <li> Picnic Areas</li> <li> Retail</li> </ul>	
<b>RESIDENTIAL</b>	 0.25 ac	<ul style="list-style-type: none"> <li> Gardens</li> <li> Active Recreation</li> <li> Games</li> </ul>	<ul style="list-style-type: none"> <li> Farm</li> <li> Food &amp; Beverage</li> <li> Public Art</li> <li> Picnic Areas</li> <li> BBQ</li> </ul>	









# Open Space Types

WHAT TYPES OF ACTIVITIES WOULD YOU LIKE TO SEE HERE?

WHAT OTHER USES AND ACTIVITIES WOULD YOU ADD?




## RIPARIAN CORRIDORS

New open spaces along the West and East Channels, combined with daylighting hidden portions of the channels, can expand their effective width, creating new habitat and connections to adjacent land uses.

-  Photo Point
-  Riparian Habitat
-  Pollinator Habitat
-  Picnic Areas
-  Education & Interpretation
-  Avian Habitat







Example of Riparian Corridor

-  Birding
-  Stormwater Management + Flood Mitigation
-  Stormwater Treatment

## LINEAR PARK CONNECTOR

A continuous linear park increases habitat and circulation connectivity between the flood control channels.

-  Picnic Areas
-  Education & Interpretation
-  Avian Habitat
-  Birding








Example of Linear Park Connector

-  Pollinator Habitat
-  Playground




## ECOLOGICAL PATCHES

These park areas provide core habitat for native flora and fauna and accommodate low- to high-intensity uses. Combined with habitat zones along the bay edge, patches create space for sensitive species within Moffett Park and connections to adjacent landscapes.

-  Birding
-  Picnic
-  Education & Interpretation
-  Avian Habitat
-  Photo Point






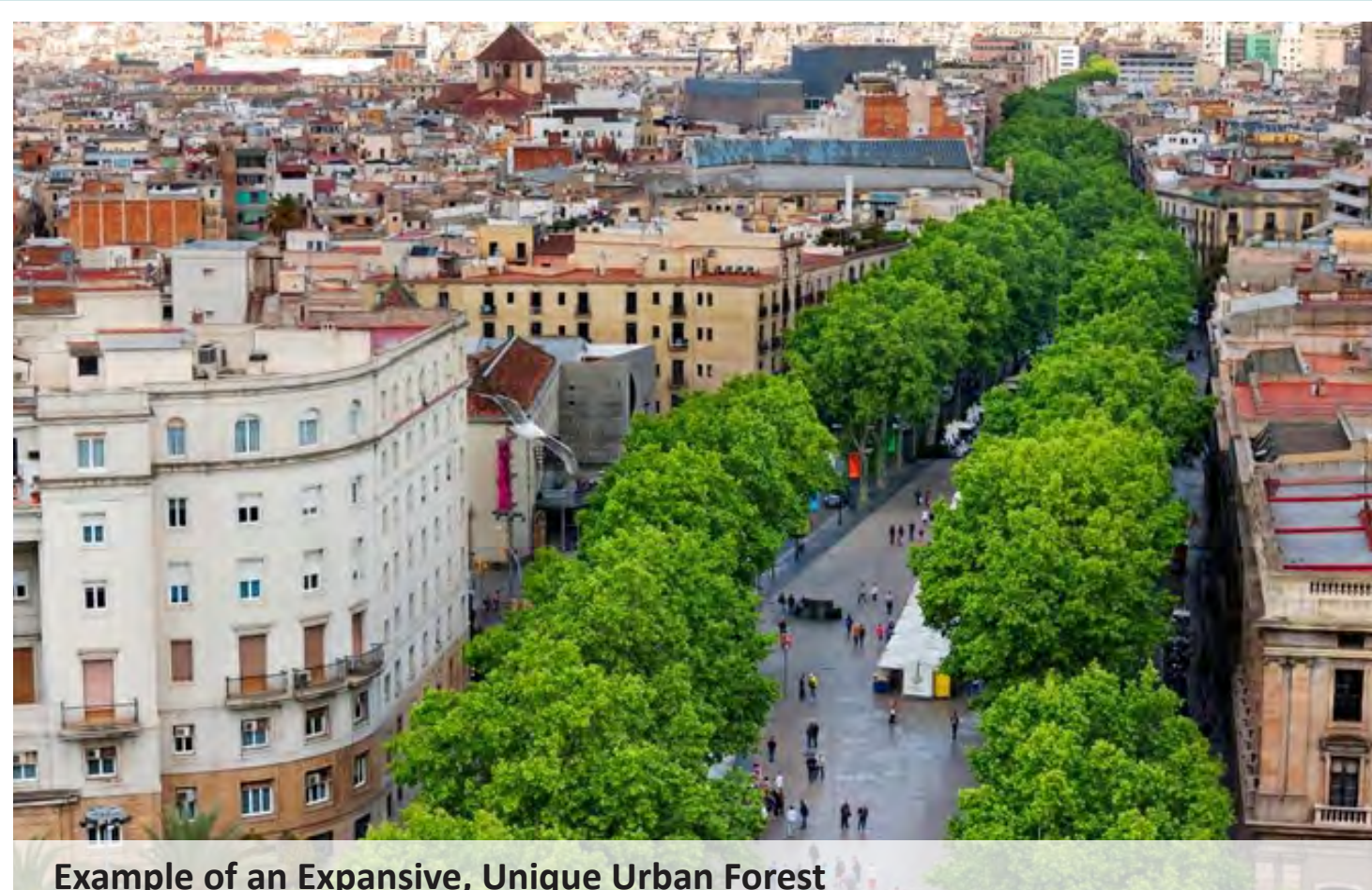
Example of Urban Ecological Patch

-  Pollinator Habitat
-  Upland Habitat
-  Playground

## URBAN FOREST

An expanded tree canopy within Moffett Park's right-of-ways and development parcels creates shade, filters pollution, increases habitat connectivity, and brings beauty and delight to the public realm.

-  Pollinator Habitat
-  Birding
-  Avian Habitat



Example of an Expansive, Unique Urban Forest



# Open Space Types

WHAT TYPES OF ACTIVITIES WOULD YOU LIKE TO SEE HERE?

WHAT OTHER USES AND ACTIVITIES WOULD YOU ADD?

## MOBILITY HUBS/GREEN LINK: PRIMARY VEHICULAR CIRCULATION

Distributed mobility hubs with centralized parking can discourage vehicular use across the district. Co-locating these with open spaces in mixed-use and campus areas can promote public access and serve multiple constituencies. The Green Link connects key open spaces and mobility hubs to campus and mixed-use areas.



Example of Green Link

- Vehicle Parking + TNC Drop-off
- Micromobility Access
- Trees
- Lighting
- Habitat Opportunities

- Protected Bike Parking + Rental Hubs
- Small-scale Retail/Dining
- Public Seating
- Planting

## SHARED WAYS + BIKEWAYS: SECONDARY PEDESTRIAN-BIKE-SERVICE CIRCULATION

An interconnected network of publicly accessible shared ways and bikeways breaks down the district's large blocks and can accommodate service needs.



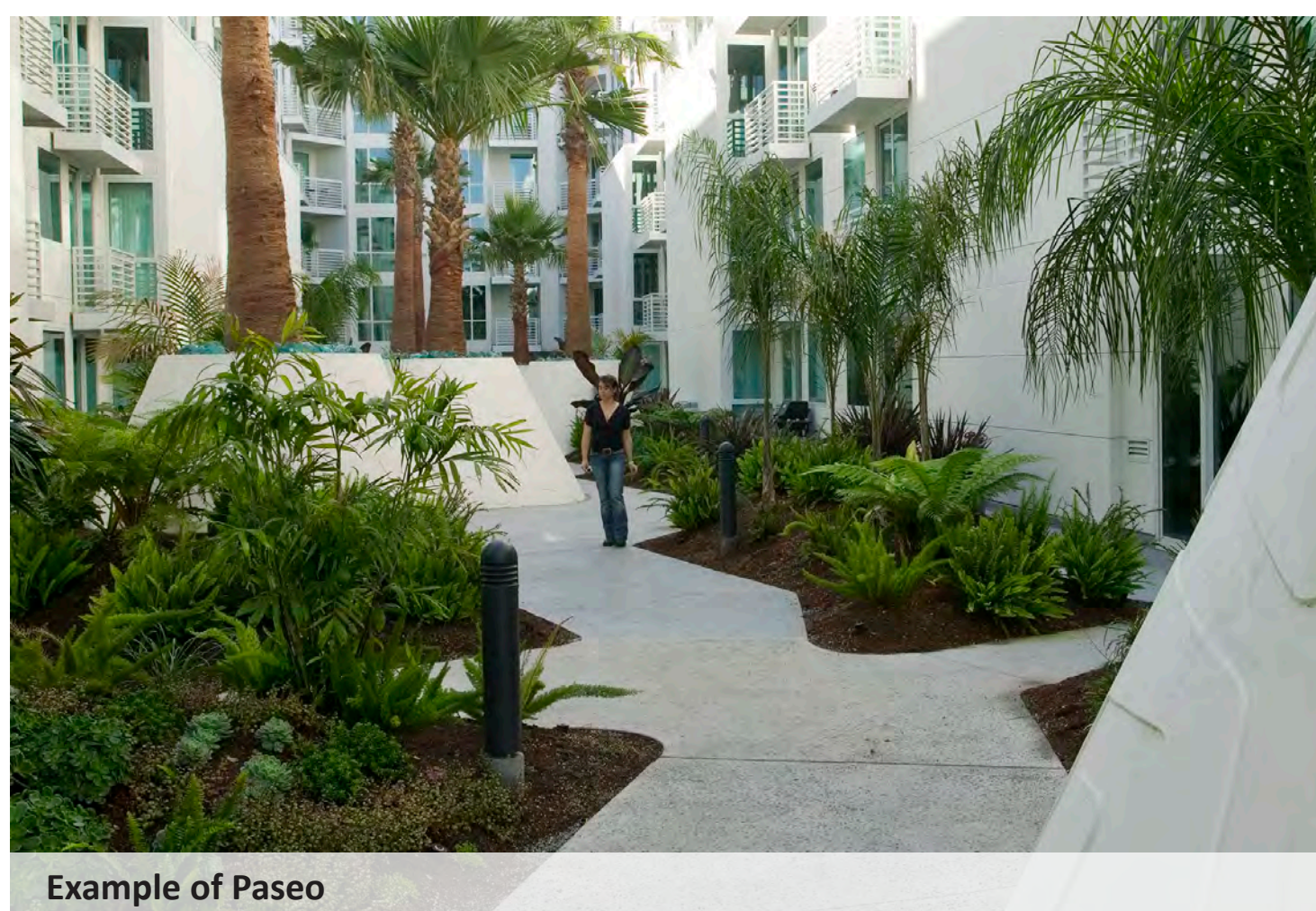
Example of Shared Bikeway

- Dedicated Bike Facilities
- Public Seating
- Service Access
- Building Entries + Ground-floor Uses
- Trees

- Outdoor Bike Parking + Rental Hubs
- Planting + Stormwater Treatment
- Habitat Opportunities
- Lighting

## PASEO: MID-BLOCK PEDESTRIAN/BIKE CONNECTION

Mid-block pedestrian connections create a more walkable neighborhood fabric within the existing large blocks. These connections are part of the open space network, support small-scale social activities, and can accommodate public and private uses and access.



Example of Paseo

- Habitat Opportunities
- Social Seating
- Building Entries + Ground-floor Uses
- Trees
- Lighting

- Public Art
- Outdoor Bike Parking
- Planting + Stormwater Treatment





# Open Space Types

WHAT TYPES OF ACTIVITIES WOULD YOU LIKE TO SEE HERE?

WHAT OTHER USES AND ACTIVITIES WOULD YOU ADD?






## CIVIC OPEN SPACES

Significant civic parks of scale can accommodate large gatherings and destination uses and activities, while providing habitat for sensitive species.

-  Photo Point
-  Demonstration
-  Interactive Fountain
-  Games
-  Food & Beverage
-  Cultural Performance
-  Trees
-  Habitat Opportunities
-  Retail





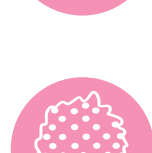



Example of Civic Open Space

-  Planting + Stormwater Treatment
-  Public Seating
-  Farmer's Market
-  Celebrations/Special Events
-  Public Art





## SOCIAL + RECREATIONAL OPEN SPACES

A distributed network of social and recreation-oriented publicly accessible open spaces can provide neighborhood park uses around the district.

-  Public Seating
-  Dog Park
-  Playground
-  Food & Beverage
-  Trees
-  Active Recreation



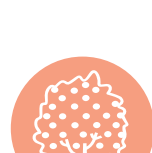

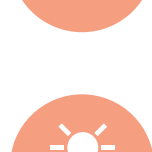
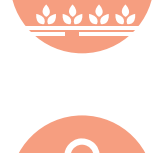


Example of Social/Recreational Open Space

-  Picnic Areas
-  Celebrations/Special Events
-  Planting + Stormwater Treatment
-  Education & Interpretation


## PRIVATE OPEN SPACES

Existing and planned campus open spaces, and future residential open spaces, will play an important role in the neighborhood's open space network. These will provide smaller-scale recreation and social opportunities to residents and workers, contribute to carbon sequestration, create habitat, and help mitigate urban heat island effect.

-  Games
-  Habitat Opportunities
-  Trees
-  Picnic Areas
-  Farm
-  Retail



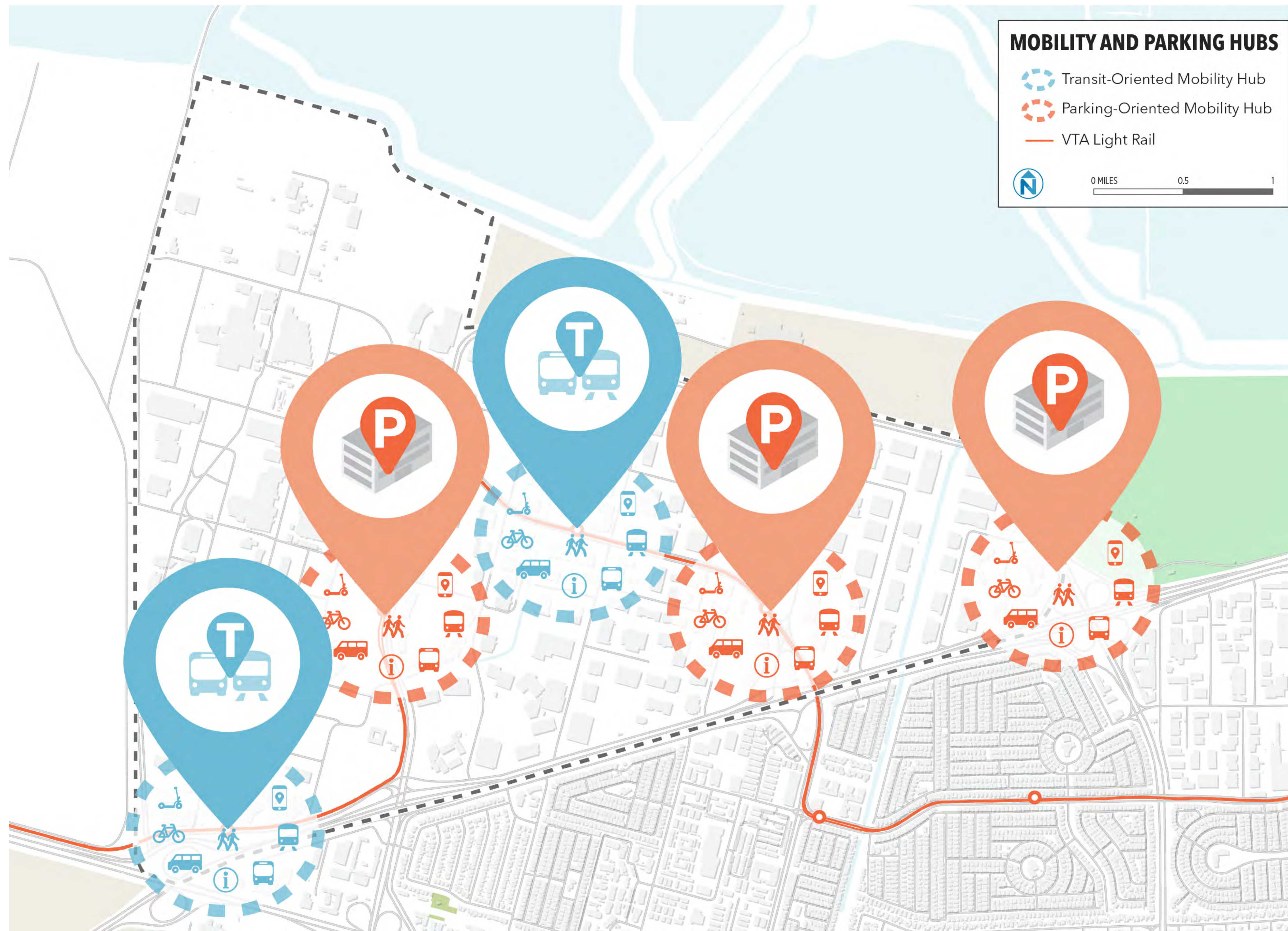
Example of Private Open Space

-  BBQ
-  Food & Beverage
-  Public Art
-  Gardens
-  Celebrations/Special Events



# Big Idea: Mobility Hubs and District Parking

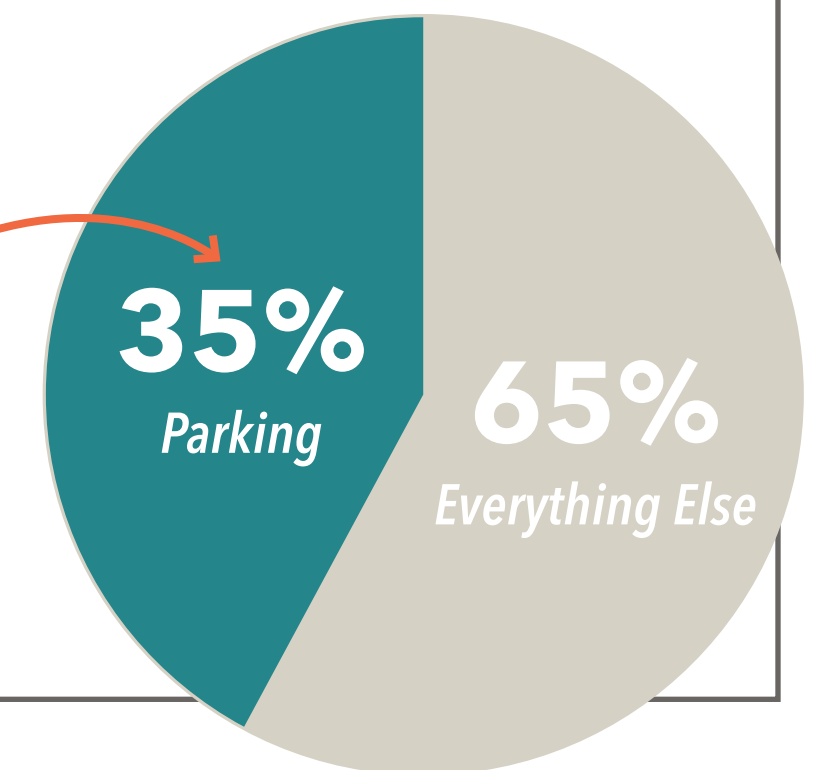
How might we consolidate parking to use space more efficiently and concentrate transportation options in well-designed public spaces?



## Moffett Park Today

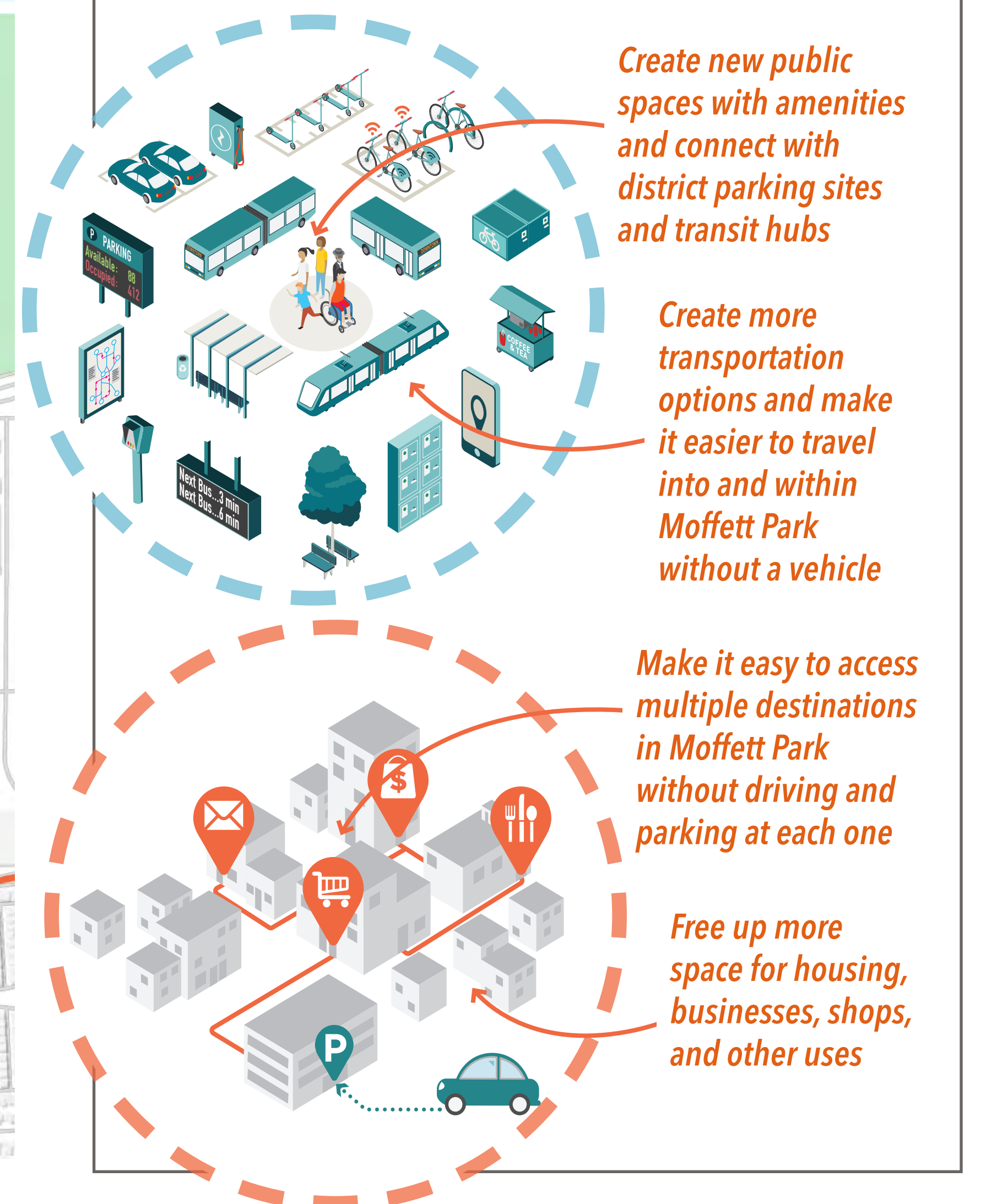
Parking is spread out throughout the district, which uses up lots of land and limits opportunities to share resources.

*In Moffett Park today, over 35% of the land area is used for off-street parking lots and garages*



## Opportunities

Concentrating parking in key nodes makes it possible to share parking, which frees up land for other uses.





# Big Idea: Internal Circulation and Micromobility

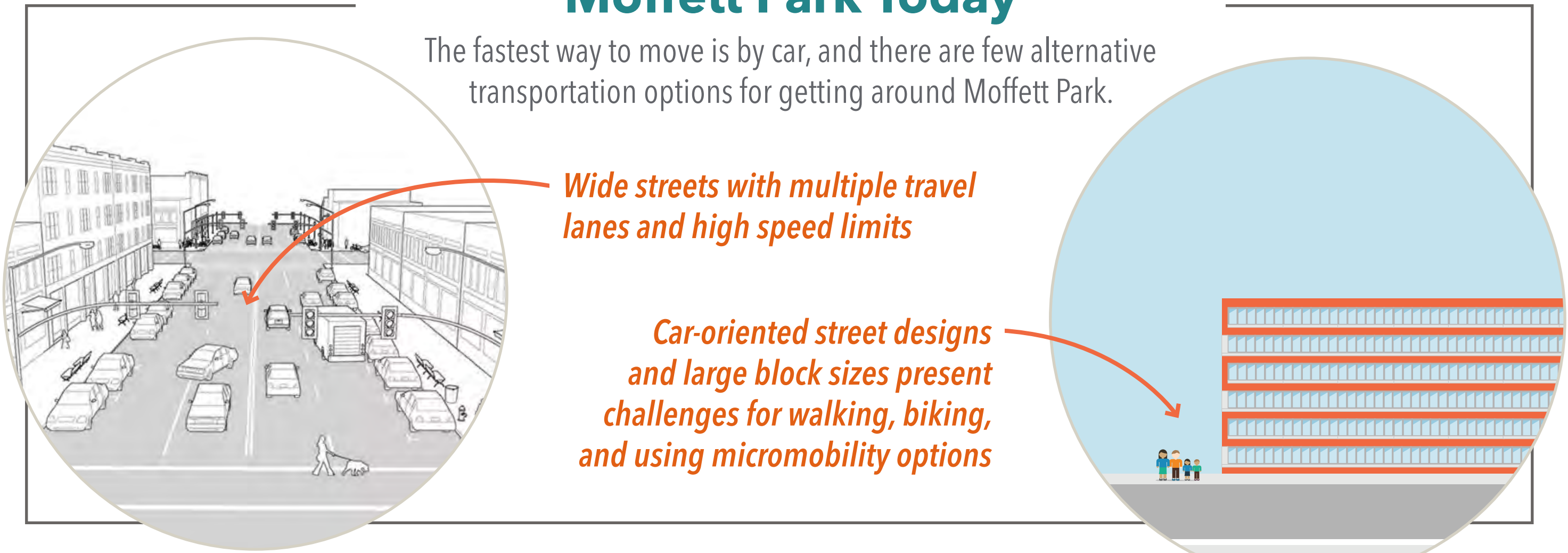
How might we redesign streets to support walking, biking, and micromobility use, and improve access to district parking locations and mobility hubs?

## Moffett Park Today

The fastest way to move is by car, and there are few alternative transportation options for getting around Moffett Park.

Wide streets with multiple travel lanes and high speed limits

Car-oriented street designs and large block sizes present challenges for walking, biking, and using micromobility options



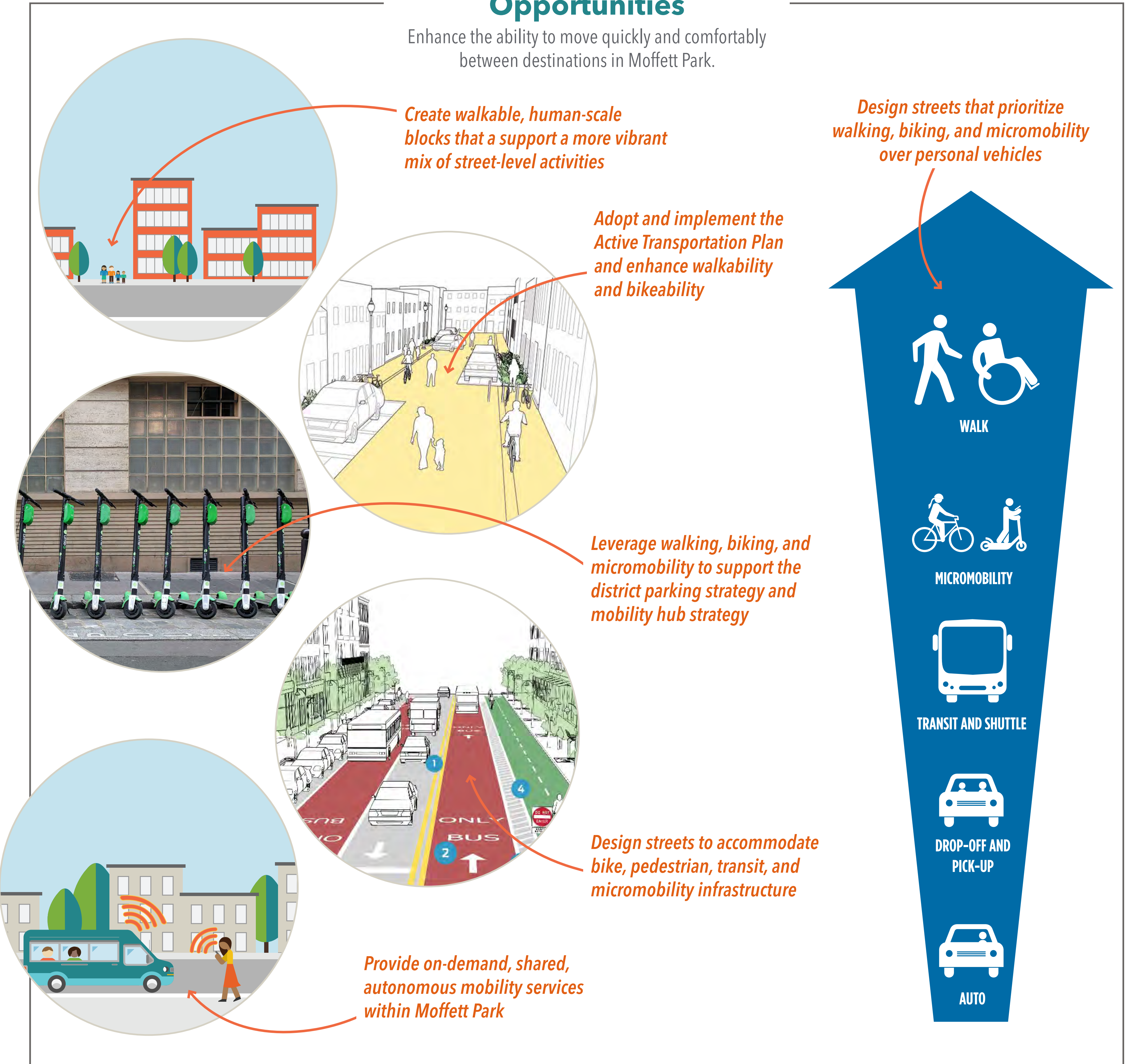
## Opportunities

Enhance the ability to move quickly and comfortably between destinations in Moffett Park.

Create walkable, human-scale blocks that support a more vibrant mix of street-level activities

Adopt and implement the Active Transportation Plan and enhance walkability and bikeability

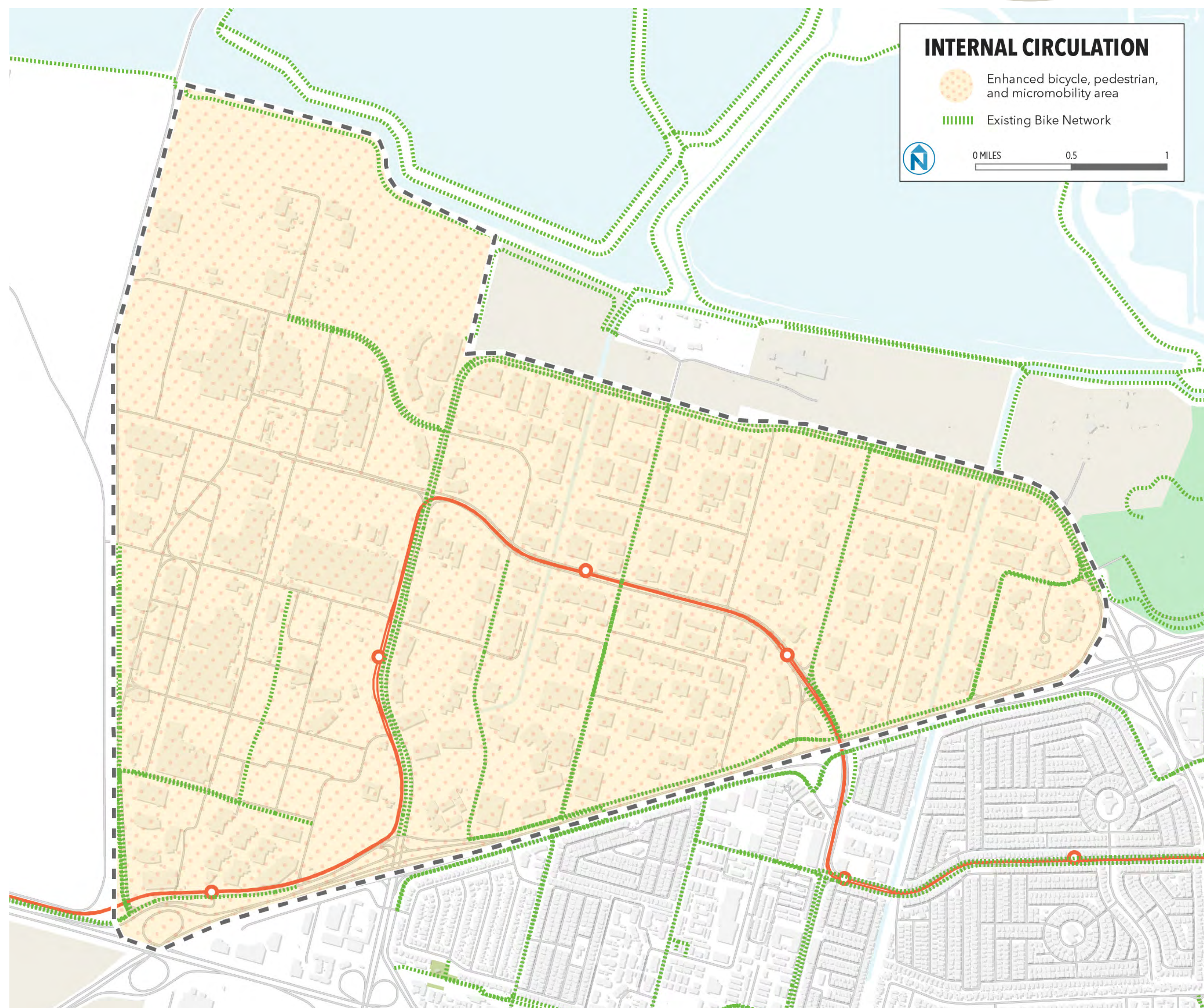
Design streets that prioritize walking, biking, and micromobility over personal vehicles



Leverage walking, biking, and micromobility to support the district parking strategy and mobility hub strategy

Design streets to accommodate bike, pedestrian, transit, and micromobility infrastructure

Provide on-demand, shared, autonomous mobility services within Moffett Park





# Big Idea: High Capacity Transitway

How might we enhance connections between Moffett Park and Downtown with fast, safe, and comfortable transit service?

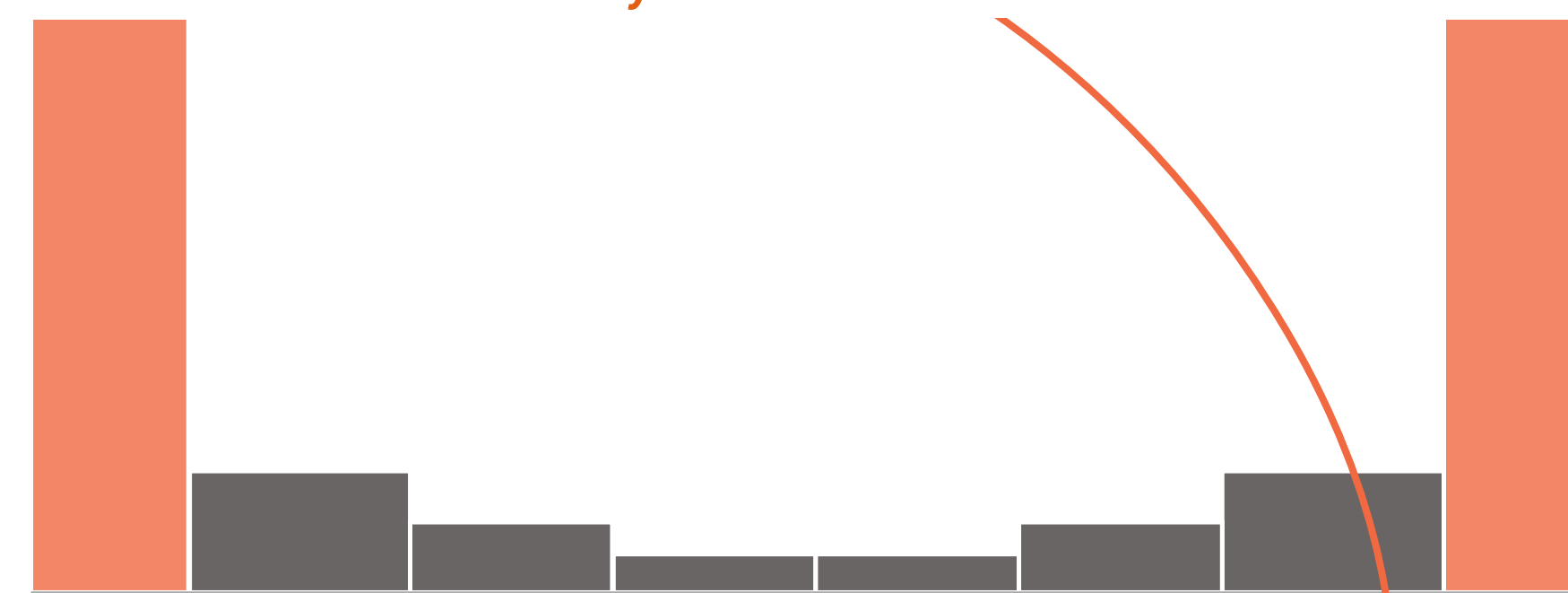


## Moffett Park Today

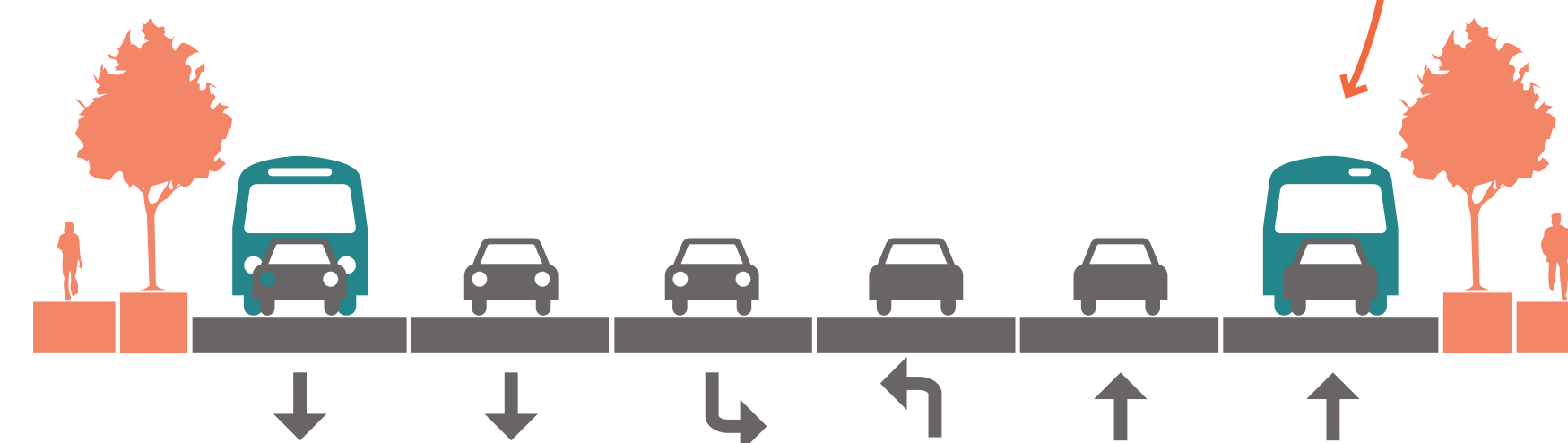
Even on roads with many lanes, personal vehicles are not very efficient at moving lots of people.



*Transit vehicles can't provide frequent, reliable service when they become stuck in traffic*



People per Hour

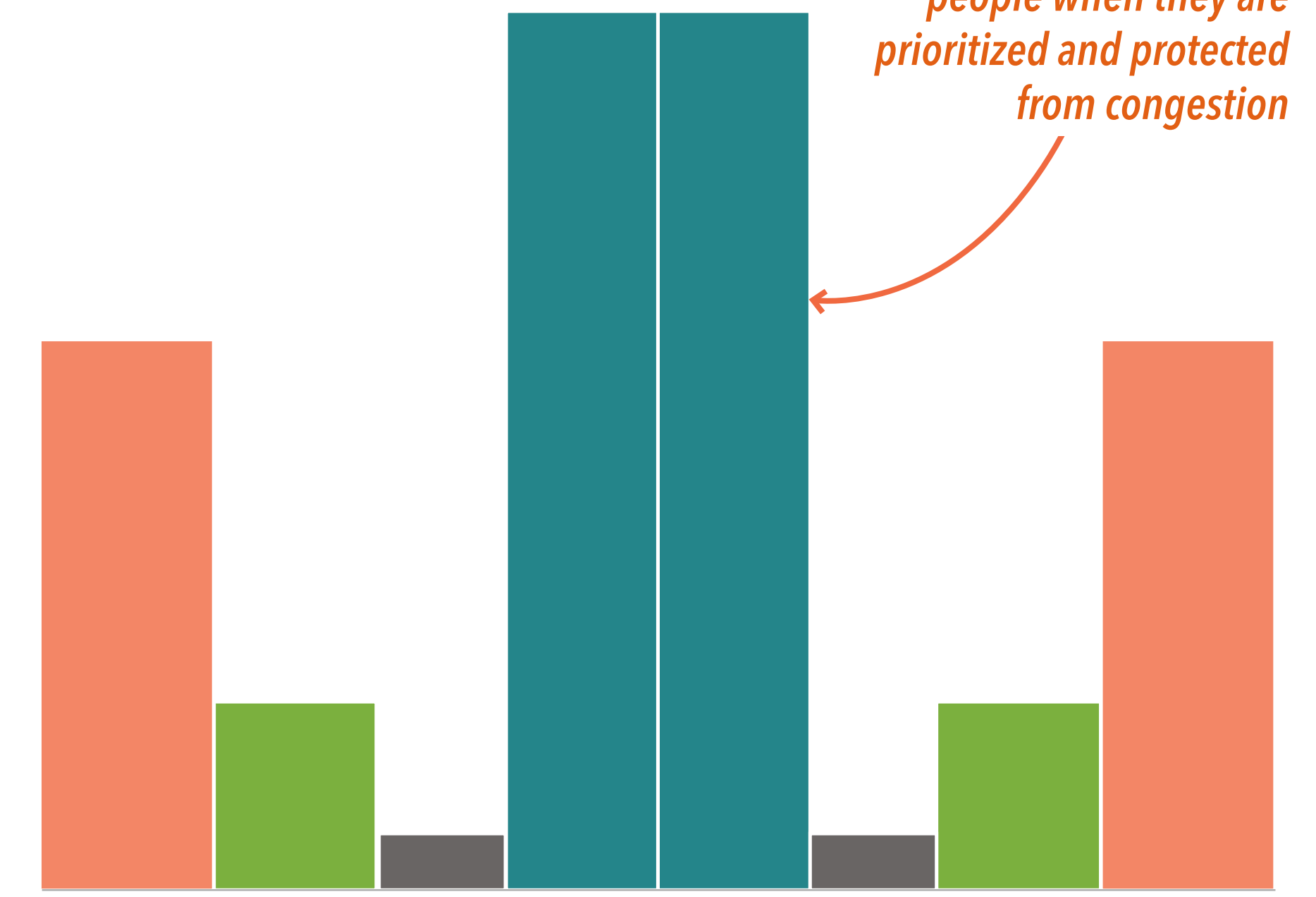


## Opportunities

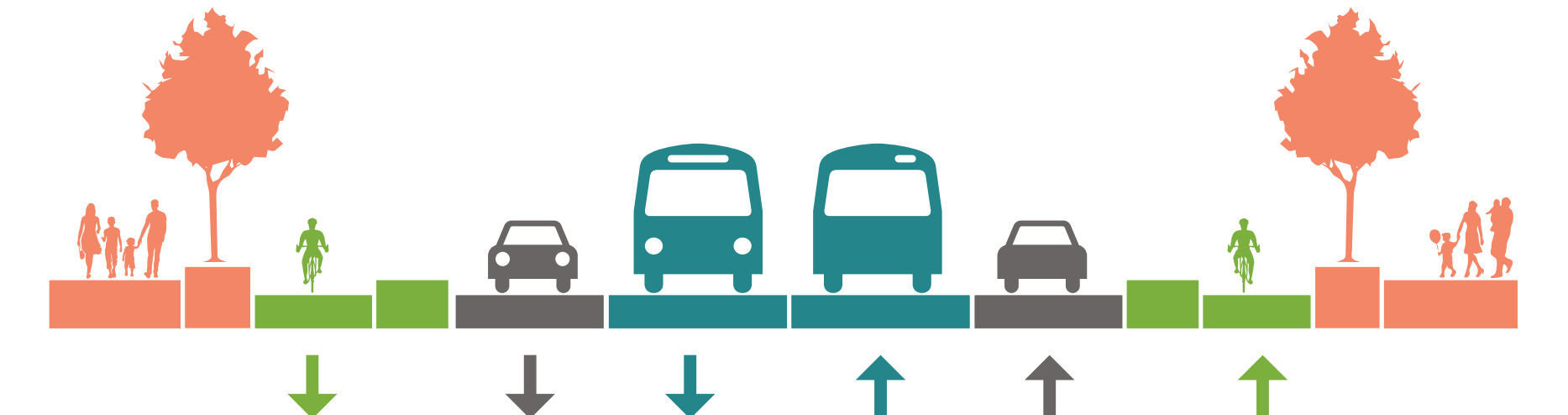
Transit priority makes it possible to move many more people in the same amount of space.



*High capacity buses and trains move lots of people when they are prioritized and protected from congestion*



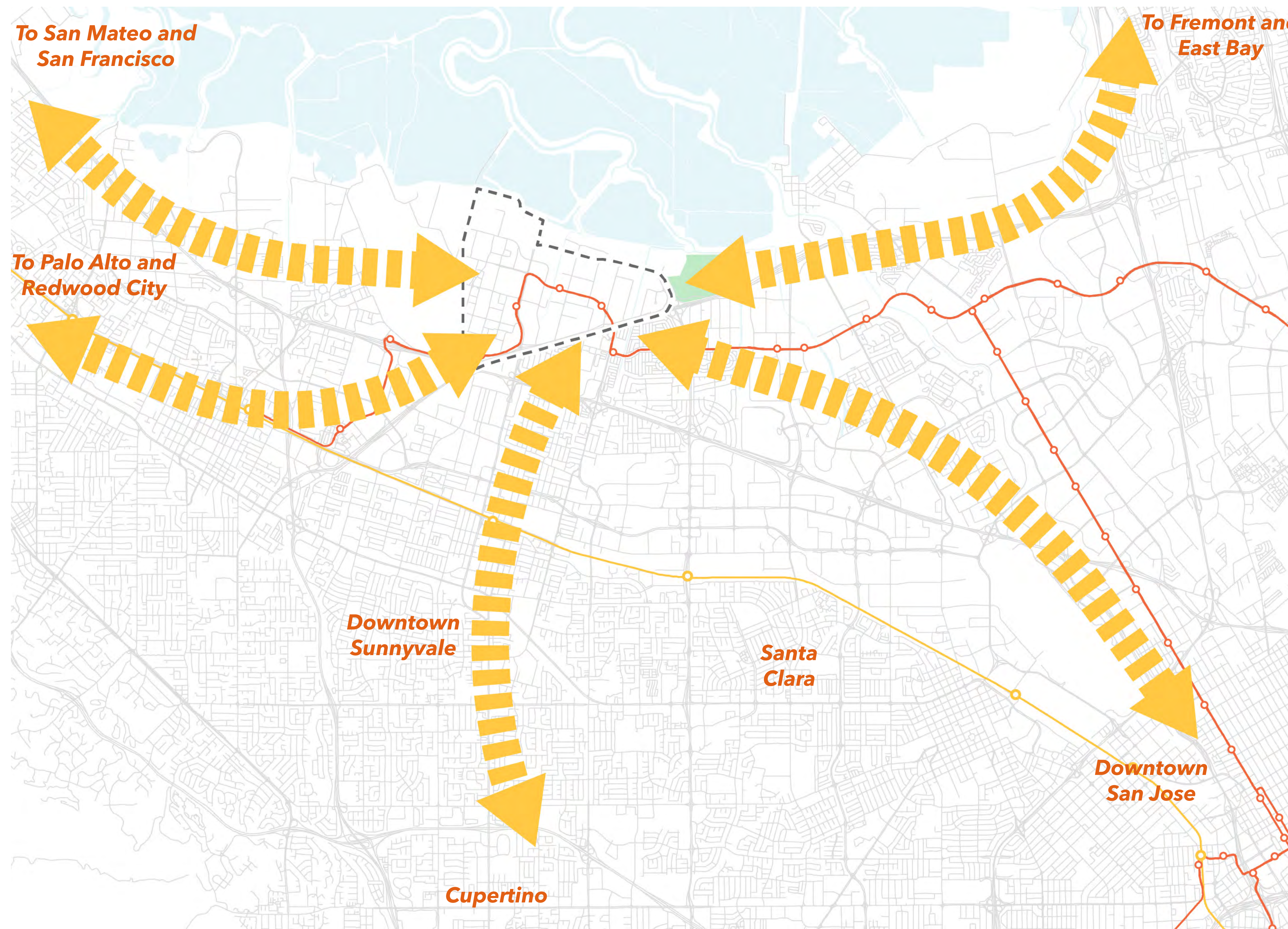
People per Hour





# Big Idea: Regional Transit Connections

How might we enhance publicly and privately run regional transit service to improve regional connections and reduce reliance on personal vehicles?



## Moffett Park Today

Regional connections via light rail and express bus are limited and light rail service has not been cost-effective



*New light rail service arrives every 15 minutes at peak times, but less frequently on nights and weekends*



*One new express bus route connects Moffett Park to downtown Sunnyvale and San Jose*



*Privately-operated transit plays an important role in Moffett Park*

## Opportunities

Expand regional connections with transit services that are fast, frequent, reliable, and easy to use



*Rethink the current alignments and frequency of transit service to increase efficiency and frequency*

*Provide service at night and on weekends so that transit is an appealing and reliable alternative to driving*

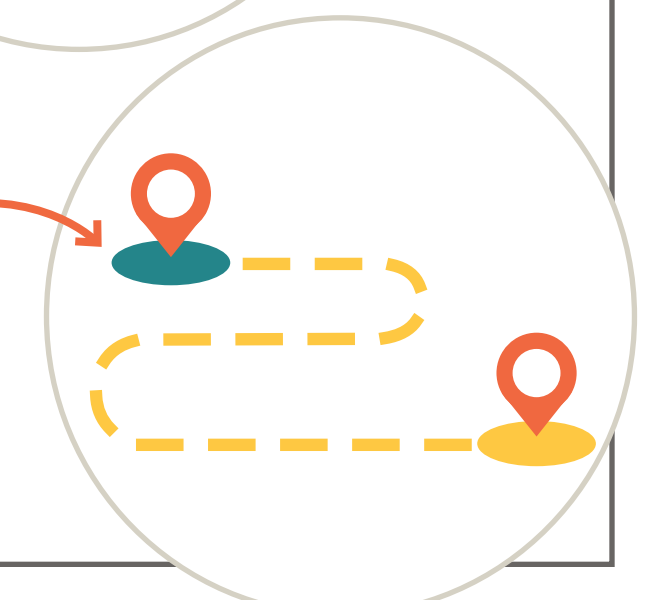


*Minimize wait times with frequent service and real-time transit information*

*Leverage employer funded and/or operated transit services*



*Leverage regional investment in Managed Lanes to support new regional express buses*





# Precedent Projects

## What are Precedents?

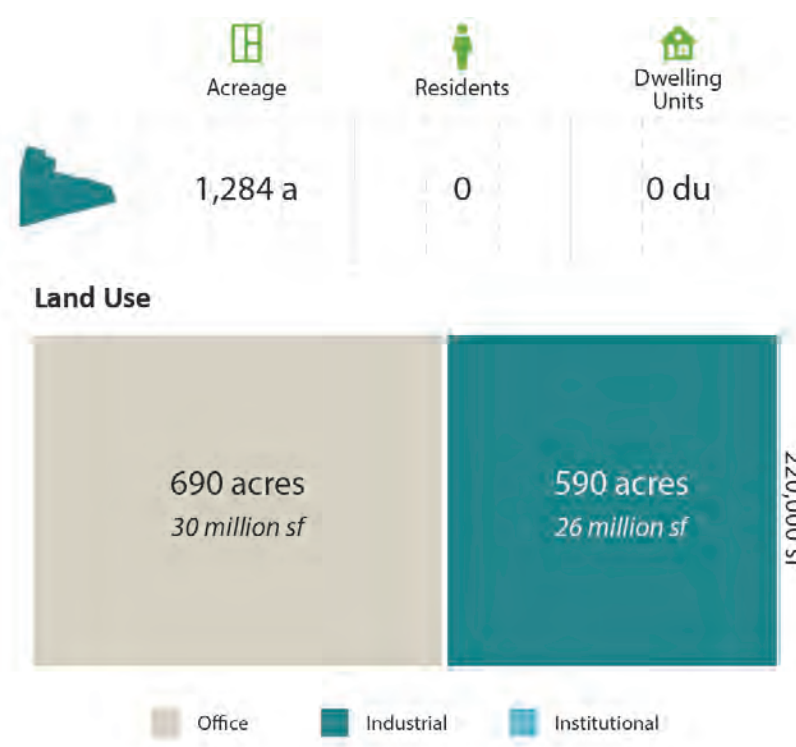
Precedents are examples or case studies from other cities and urban environments that offer a fresh perspective on land use opportunities, open space considerations, and design considerations. These examples offer a range of options that can inform Moffett Park's own development.

## What Precedents are Moffett Park Studying?

Moffett Park has studied several different plan areas and downtowns that offer a unique perspective on urban design, placemaking, and land use strategies. Two project areas share many similar characteristics and development timelines: North Bayshore in Mountain View, and Warm Springs in Fremont.

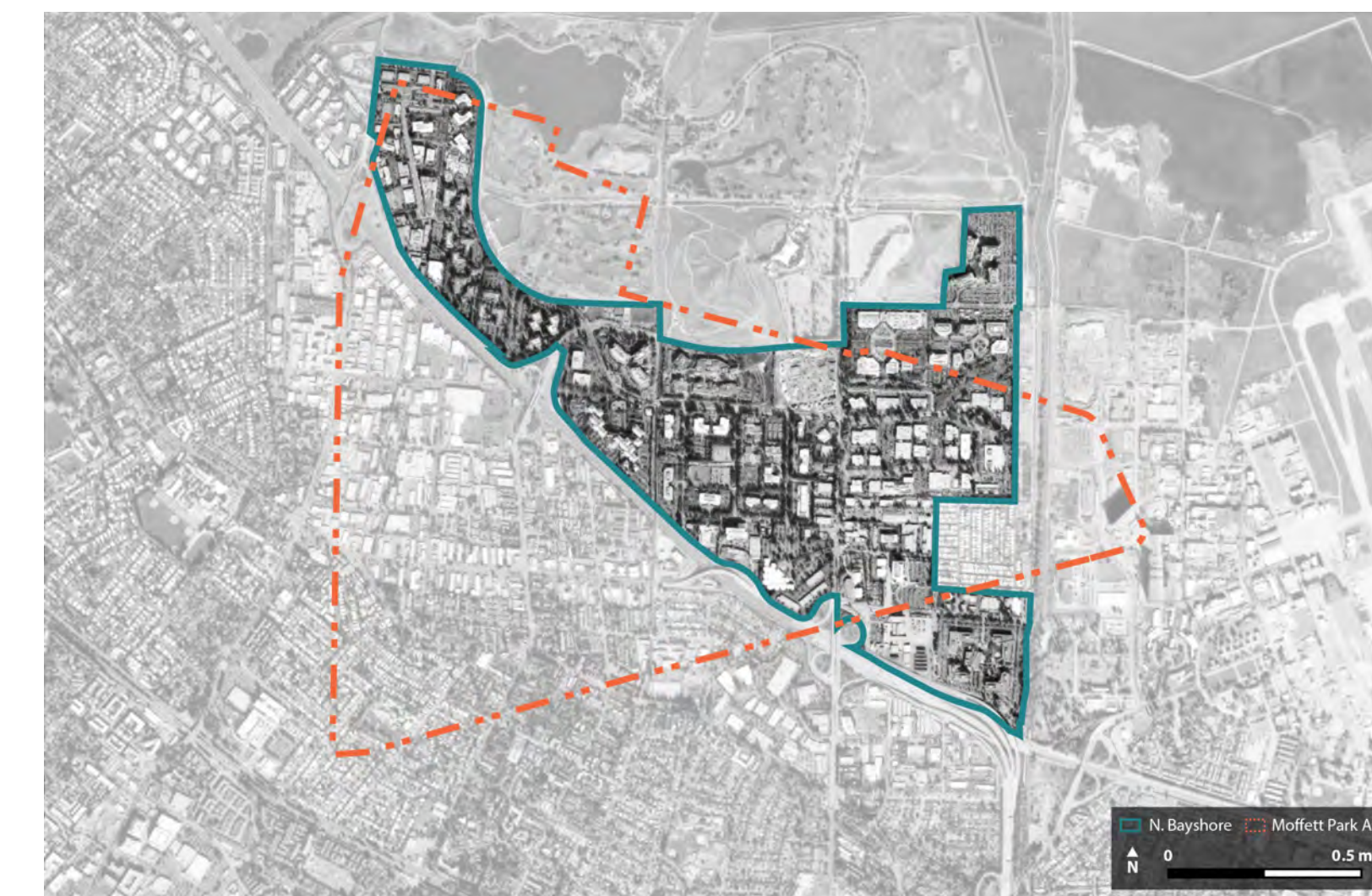
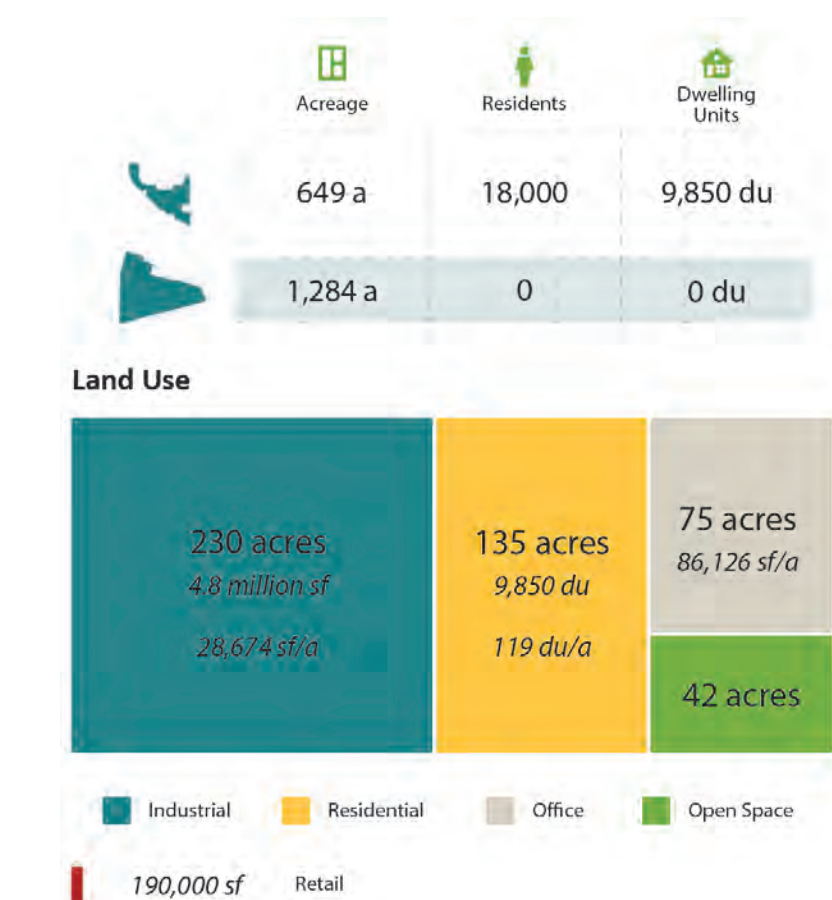
## Moffett Park, Sunnyvale

The Moffett Park Specific Plan area is an approximately 1,284-acre site located in the northern area of the City of Sunnyvale. The plan area is bounded by State Route 237 to the south, Moffett Federal Airfield to the west, Caribbean Drive to the north, and Sunnyvale Baylands Park to the east.



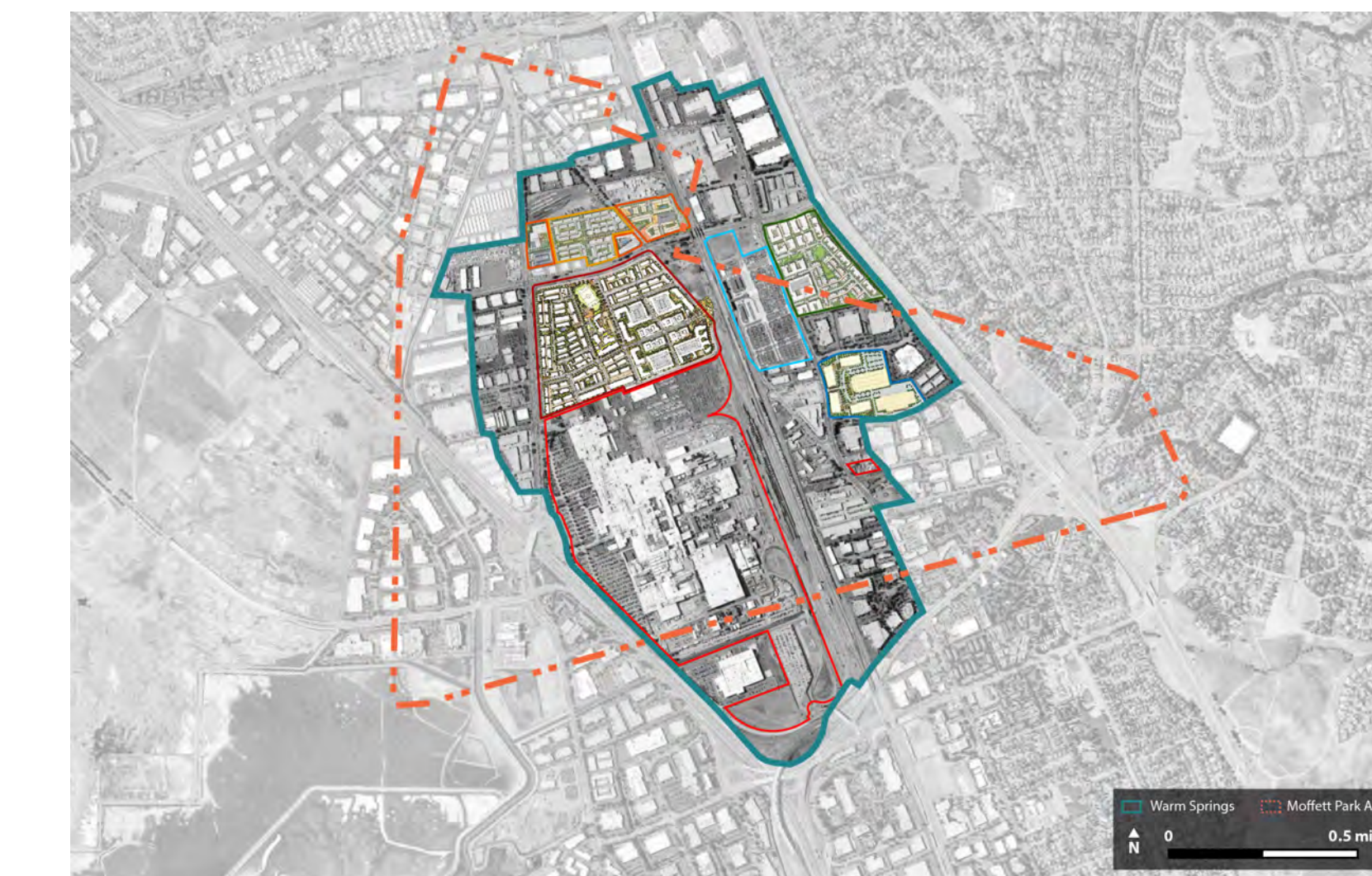
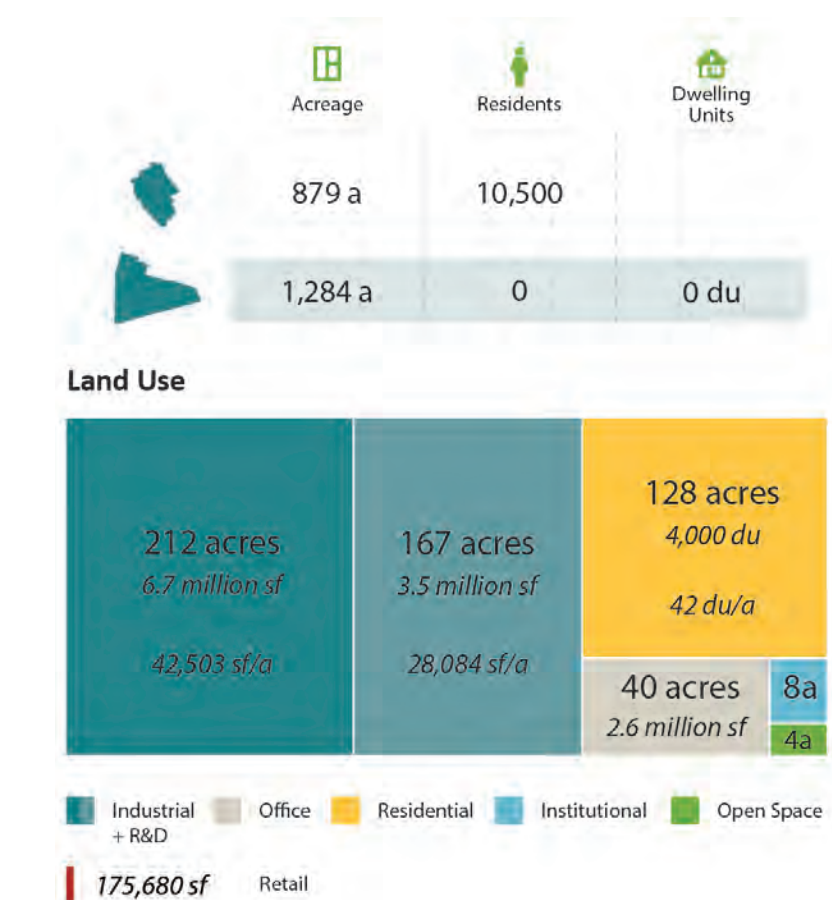
## North Bayshore, Mountain View

Following an extensive study by the City of Mountain View, North Bayshore is being positioned to address affordable housing goals, ecological preservation, and traffic concerns while anticipating future demand for both office and residential space.



## Warm Springs, Fremont

Efforts are underway to orient the community of Warm Springs around regional transit infrastructure. New housing projects have been completed, and new office facilities and research space will be complemented by a new school and parks.



	Moffett Park	North Bayshore	Warm Springs
<b>Acreage (gross)</b>	1,284 a	649 a	879 a
<b>Residents</b>	0	18,000	10,500
<b>Dwelling Units</b>	0	9,850 du	4,000 du
<b>DU/acre (net)</b>	0	119 du/a	42 du/a
<b>Office Space</b>	4.8 million sf	4.8 million sf	2.6 million sf
<b>Industrial Space</b>	11.2 million	5 million sf	10.3 million sf
<b>Retail Space</b>	52,000 sf	192,000 sf	175,000 sf
<b>Institutional Space</b>	5 a		8 a
<b>Open Space</b>	0 a	42 a	4 a