



Looking south on Western Avenue at Caddington Drive



3.1 Summary of Recommendations

The 2-mile stretch of Western Avenue under consideration is well-positioned to compete with other destinations in the region. Rethinking existing architecture by updating buildings to meet current expectation of visitors, potentially rezoning parcels to optimize space and add interest, and improving signage, lighting and landscaping would all contribute to improved appearance and function for Western Avenue. Specifically, the core recommendation of this vision is to update the nature of development along the corridor and reverse the relationship that buildings and surface parking have with the street. It must be generally emphasized that:

- New developments should be built along the property line creating a **strong street wall** where surface parking should not be located adjacent to the sidewalk and should not serve as the arrival experience of the corridor. With buildings located at the property edge on the sidewalk, active, visitor-serving uses should be located at **ground level**.
- Underutilized street parking can be converted into dedicated **bike lanes** or **wider sidewalks**.
- More street trees, bio-swales, and other **green infrastructure** can help to assist storm water management and provide a soft vegetation buffer between auto traffic and the sidewalk.

The pages that follow offer a more detailed list of recommendations specific to each of the three segments, from streetscape to mobility and redevelopment. The imagery associated with each of the segments is a compilation of ideas and studies that were completed with guidance from the Vision Committee and stakeholder input. While the project team understands that not every idea shown represents the full support of the public, the project team still finds it important to showcase them as a process of thought in idea and provocation.

SOUTHERN SEGMENT

- commercial heart of the study area
- new developments built along the property line create a strong street wall
- parking located at rear of parcel and/or consolidated in structures
- active, visitor-serving uses located at ground level
- sidewalks widths at 15-foot minimum with streetscape that promote vibrant street life
- Terraces parcel is redeveloped serving as catalyst for positive transformation

MIDDLE SEGMENT

- east side of the street (primarily commercial) will receive similar improvements as the southern segment
- west side of street improvements will mainly be cosmetic to address softer treatments of the harsh cinder block wall
- street parking on west is underutilized, so sidewalk can be widened, with addition of bio-swale assist storm water infrastructure providing a soft, vegetation buffer between auto traffic and sidewalk



NORTHERN SEGMENT

monumental public art, scaled to be visible to auto users, located on the street edges (in partnership with the Cemetery and DFSP)

gateway element introduced at the north to announce one's arrival into the commercial heart of the corridor

street parking is rarely used, so sidewalks on both the east and west side of the street can be widened to accommodate a bio-swale



3.1 Southern Segment

Summerland Ave to Caddington Dr

Active, visitor serving edges on east and west

0.75 miles / 15-minute walk

In particular, the Southern Segment is well-positioned to compete with other high-end retail and entertainment destinations in the region. Rethinking existing architecture by updating buildings to meet current standards, potentially rezoning parcels to optimize space and add interest, and improving signage, lighting and landscaping would all contribute to improved appearance and function for Western Avenue. **Key recommendations for the Southern Segment include:**

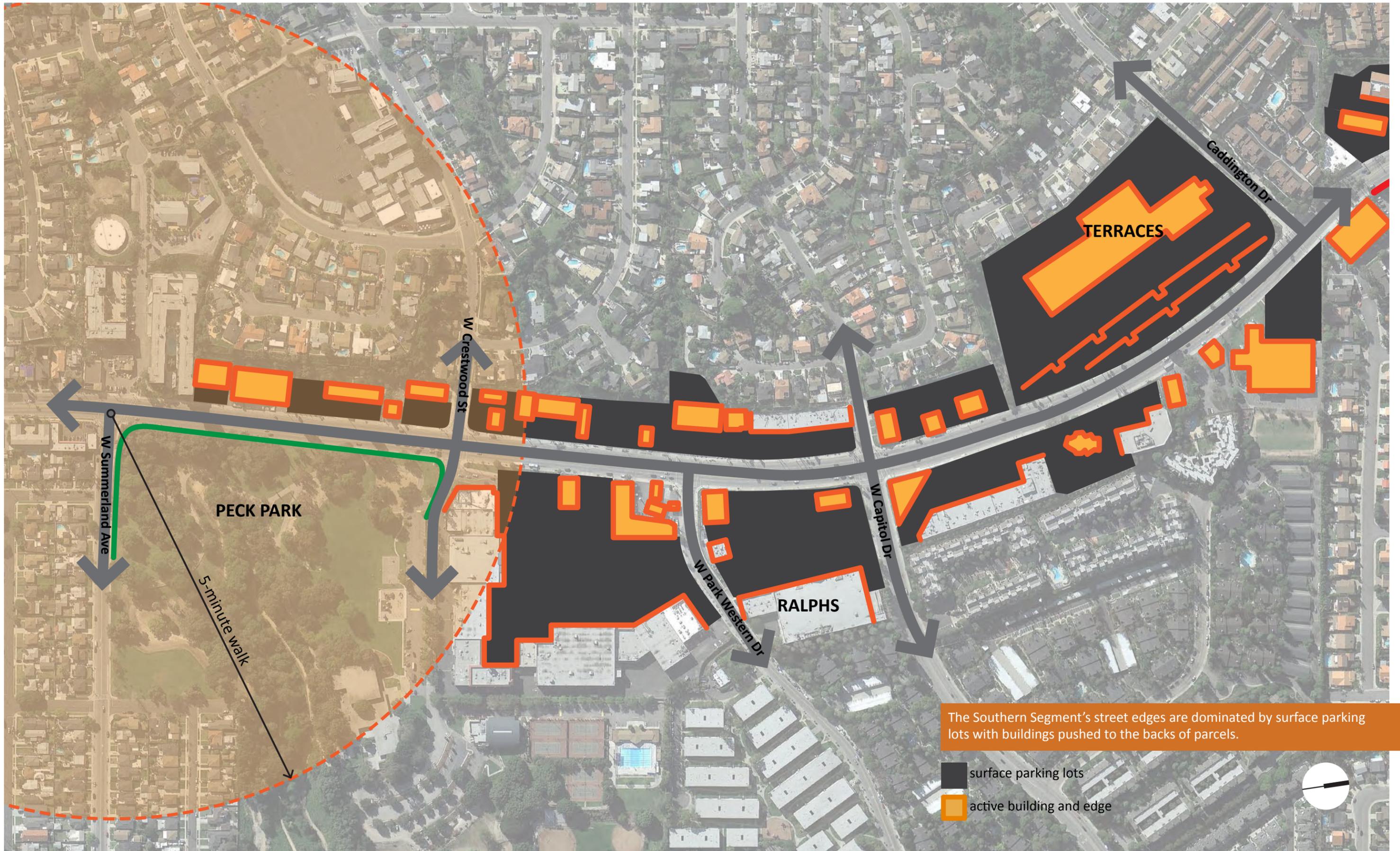
- This is the **commercial heart** of the study area, and its experience and image needs updating to sustain its success.
- Reverse the relationship that buildings and surface parking have with the street. New developments should be built along the property line creating a **strong street wall**. Parking should be located at the rear of the parcel and/or consolidated in strategically located structures.
- Active, visitor-serving uses should be located at the ground level.
- Sidewalks widths should be **15-feet at a minimum** with streetscape (vegetation, furniture, lighting, and pedestrian amenities) that promote a vibrant street life.
- Opportunities to create **outdoors spaces** and special places should be a priority on all new redevelopments.
- The **Terraces parcel** is a key redevelopment opportunity and, if programmed and designed sensitively, can serve as the catalyst for positive transformation up and down the corridor.



Existing: Looking south on Western Ave at Caddington Dr

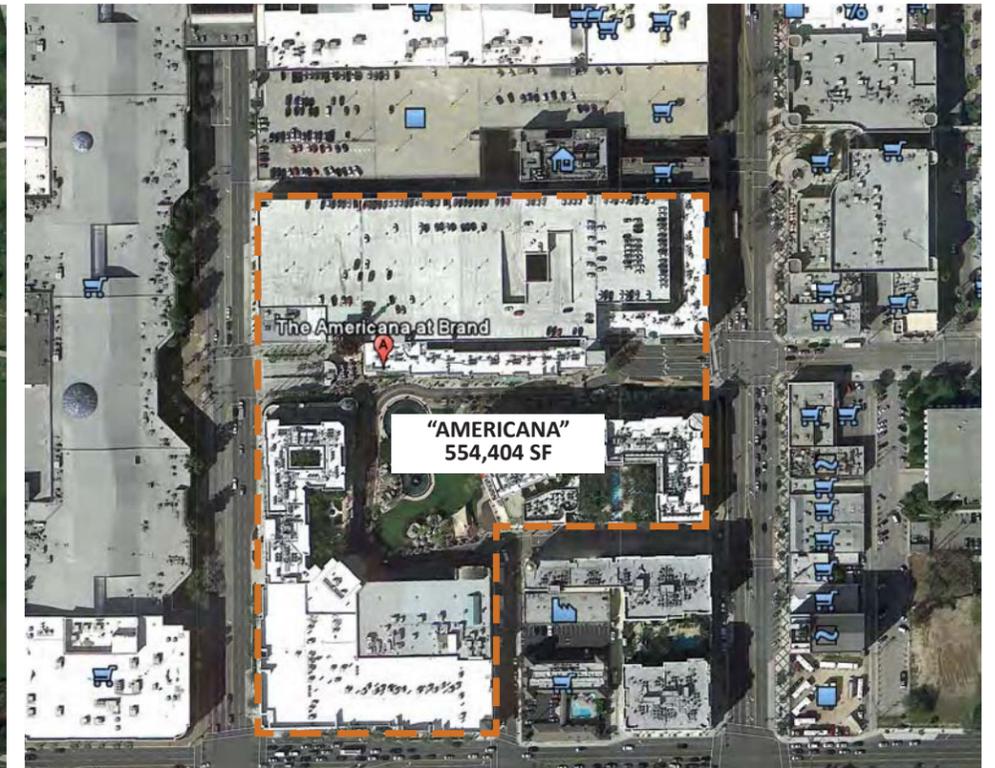


Existing: Looking north on Western Ave at Summerland Ave



The Southern Segment's street edges are dominated by surface parking lots with buildings pushed to the backs of parcels.

- surface parking lots
- active building and edge



Terraces, Rancho Palos Verdes, CA

The Terraces parcel at Caddington Drive and Western Avenue is a key redevelopment opportunity and, if programmed and designed sensitively, can serve as the catalyst for positive transformation up and down the corridor. The parcel it occupies is the largest along the corridor and compares in size to the Grove in West Los Angeles and the Americana at Brand in Glendale (compares them only for area, not program).

The Grove, Los Angeles, CA

Americana at Brand, Glendale, CA

Branding!

Identity and lighting

Softening Greening

Added street trees

Planted medians

Engaging

Retail brought to sidewalk edge

Strip mall redeveloped

Inviting

Specialty paving on sidewalks

Beautifying

Specialty paving on crosswalks

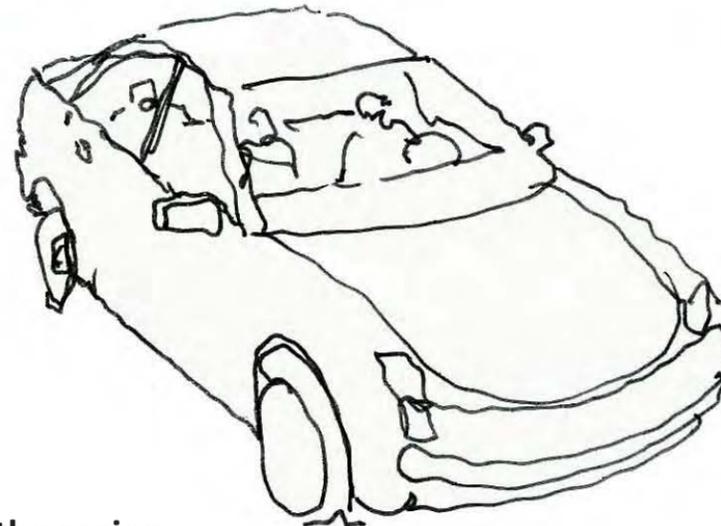
Appealing



Expanding options to get around!

Bus shelter

Class II Bike lane



Shading

IDEA: A renewed Western Avenue as a high-end destination of the region.

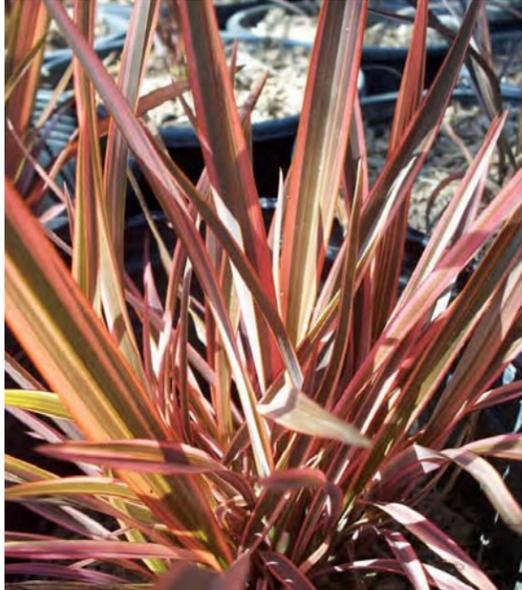


Existing view looking south along Western Avenue at Caddington Drive.



Idea for the Southern Segment: Section Cut of Western Ave at Capitol Dr
 Streetscape improvements could include the addition of dedicated bike lanes, continuously landscaped medians, addition of more street trees, improved bus stops, new street furniture (benches, lights, signage), bio-swales to better manage stormwater runoff, and wider sidewalks at both the east and west as extensions of commercial activity (e.g. sidewalk cafes, etc).

Suggested Plant Palette for Sidewalks and Medians in the Southern Segment



Phormium tenax (New Zealand Flax)



Dianella revoluta (Flax Lily)



Aloe striata (Coral Aloe)



Lantana montividenis (Trailing Lantana)



Senecio mandraliscae (Blue Chalk Sticks)



Bougainvillea 'La Jolla' (La Jolla Bougainvillea)



Dietes vegeta (African Iris)



Leucophyllum frutescens (Texas Ranger)

3.2 Middle Segment

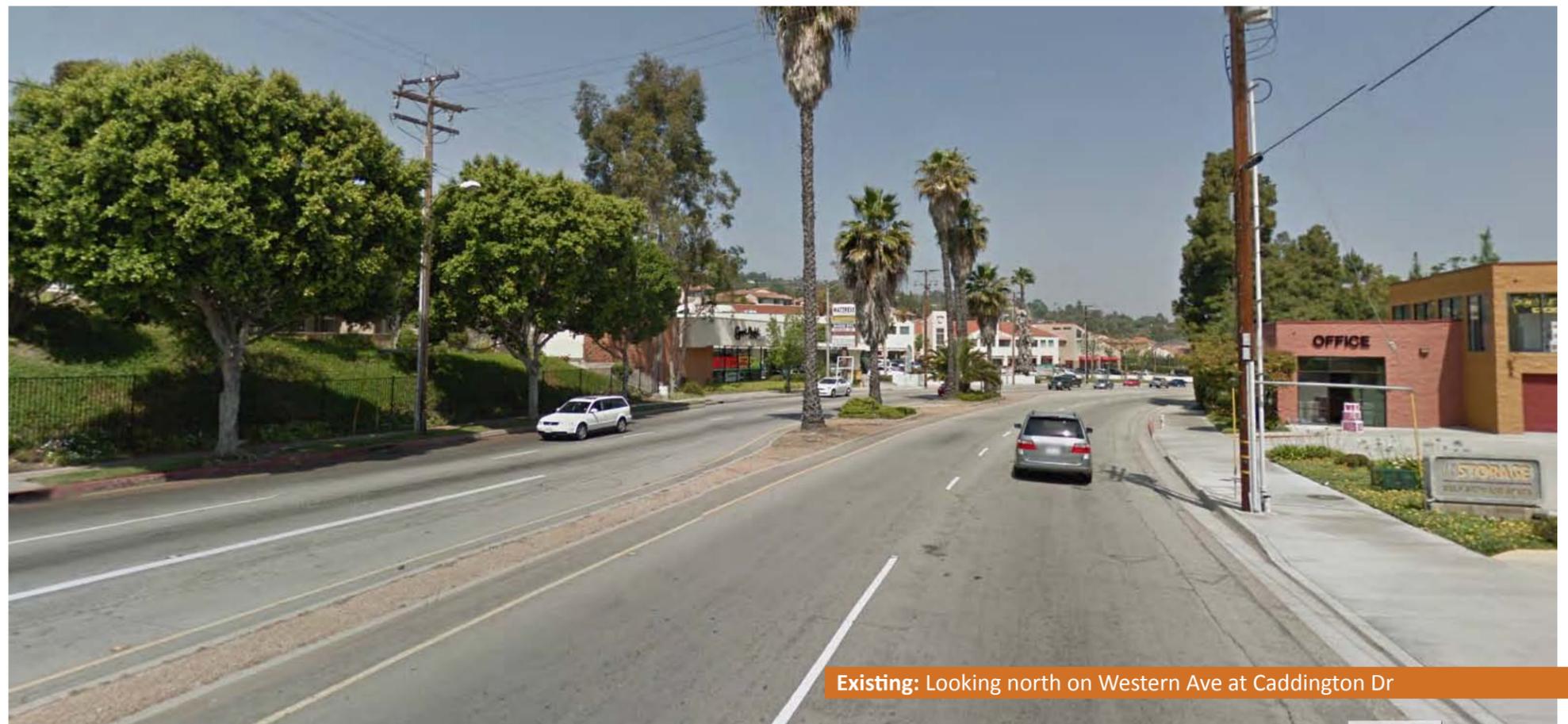
One active, visitor-serving edge and one inactive edge at 0.9 miles / 20-minute walk

Bounded by high cinder-block walls on the west and active businesses on the east, the middle segment of Western Avenue is a “one-sided” street, where pedestrians may feel less inclined to walk alongside the western street edge than the eastern street edge. **Key recommendations for the Middle Segment include:**

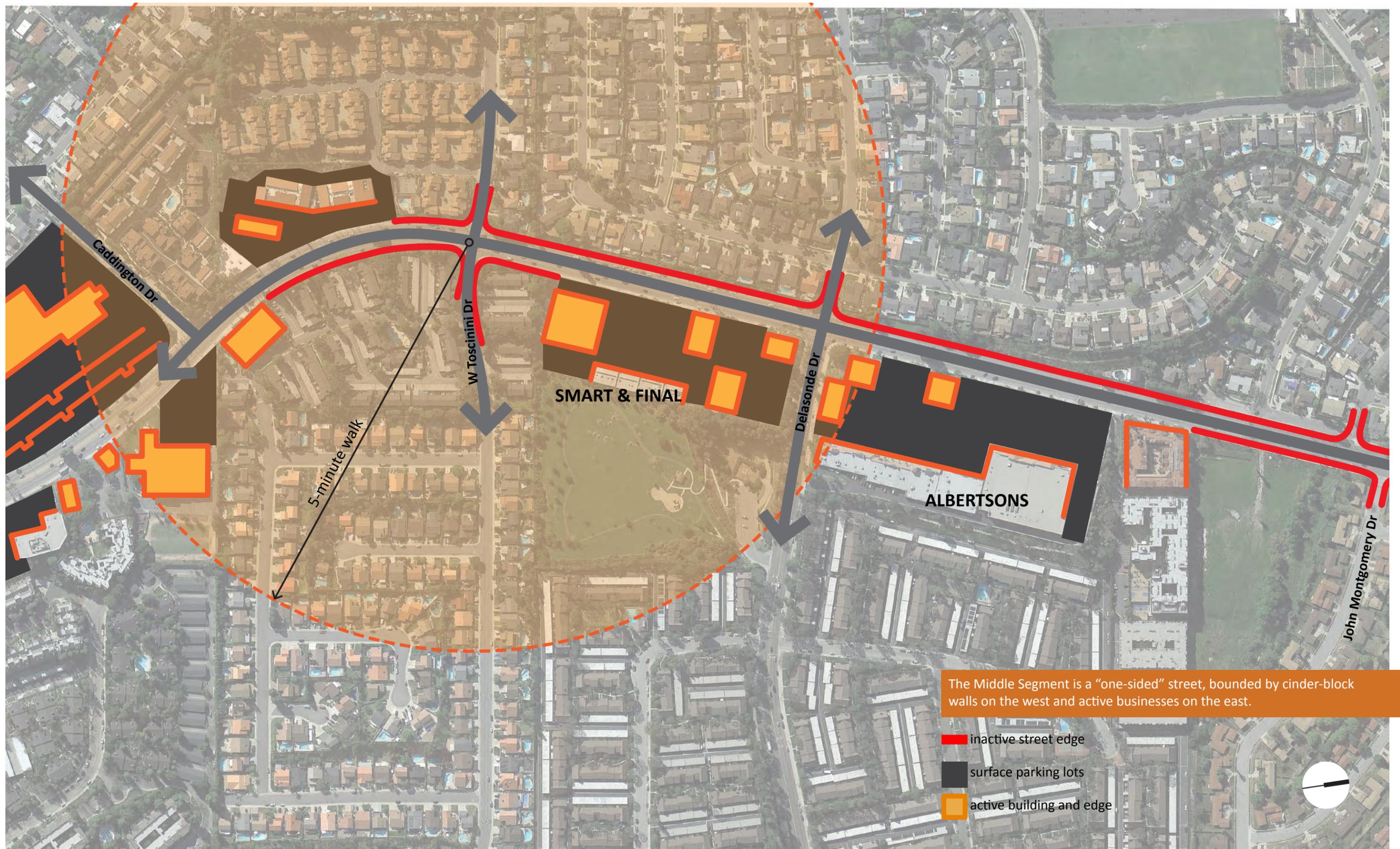
- The east side of the street (primarily commercial) will receive similar improvements as the southern segment.
- The west side of the street (primarily residential) presents a **challenge with regards to activation**. The backyards of homes are not going away and residents, by and large, do not support reconfiguring backyards to allow secondary pedestrian access directly off the street.
- As a result, improvements will mainly be **cosmetic** and address **softer treatments** of the harsh cinder block wall. Several options have been considered, with a variety of treatment options.
- Due to the lack of active uses and access to homes, parking along the street is underutilized on the west side. The sidewalk here can be **widened by reclaiming the asphalt** occupied by parking. This expansion can serve as **bio-swale** to assist storm water infrastructure and also provide a **soft, vegetation** buffer between auto traffic and sidewalk.



Existing: Looking south on Western Ave at John Montgomery Dr



Existing: Looking north on Western Ave at Caddington Dr

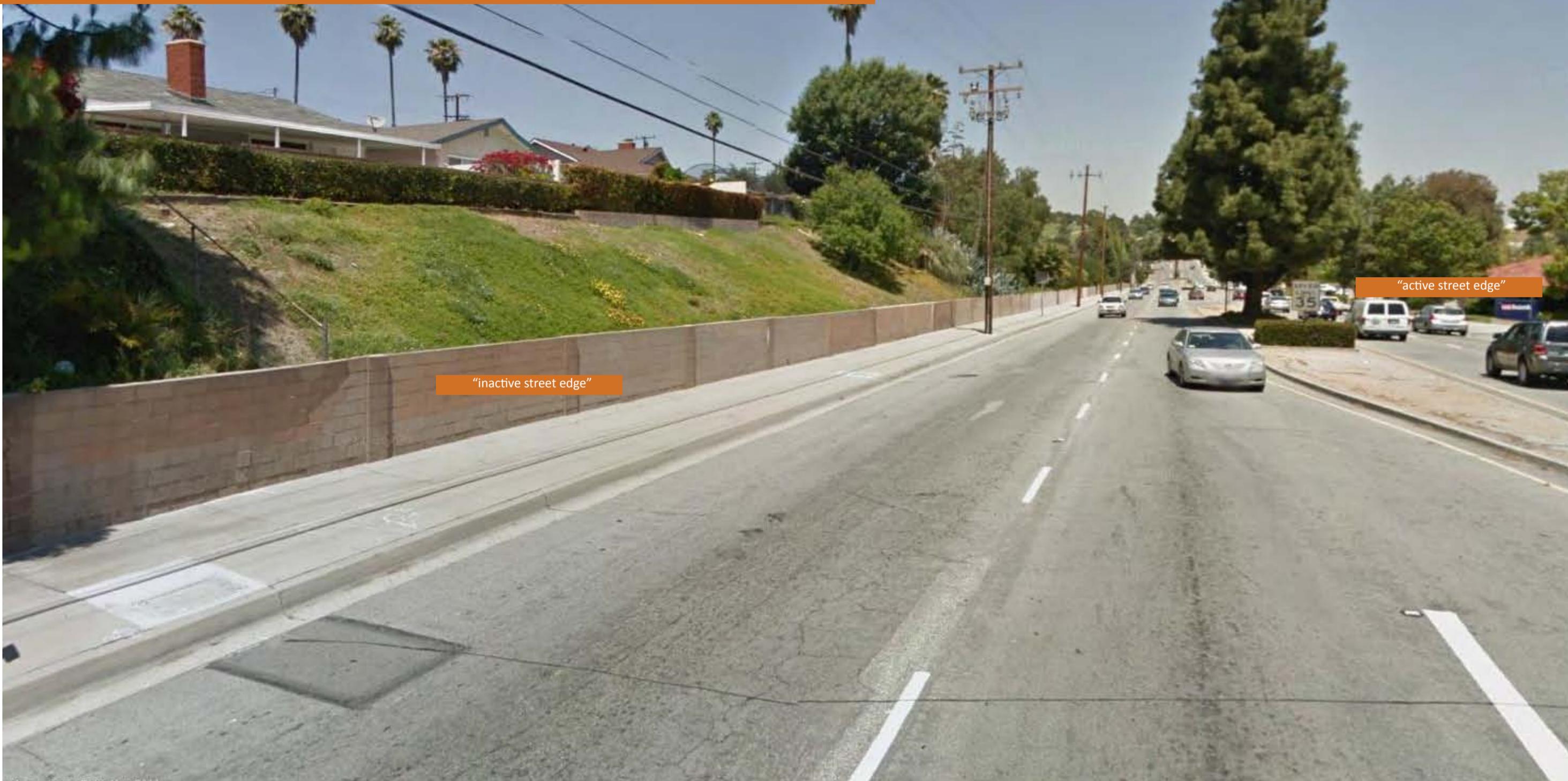


The Middle Segment is a “one-sided” street, bounded by cinder-block walls on the west and active businesses on the east.

- inactive street edge
- surface parking lots
- active building and edge

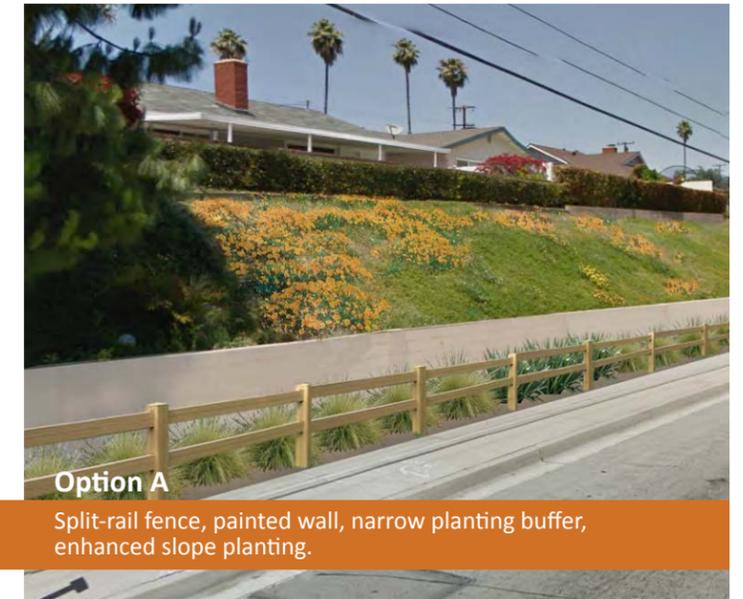


Bounded by high cinder-block walls on the west and active businesses on the east, the middle segment of Western Avenue is a “one-sided” street, where pedestrians may feel less inclined or less invited to walk alongside the western street edge than the eastern street edge.





Idea: Opportunity to allow backyard decks to have direct stair access onto Western Avenue?



Option A
Split-rail fence, painted wall, narrow planting buffer, enhanced slope planting.



Option B
Faux wood-grain panels attached to existing wall, enhanced slope planting.



Option C
Painted wall, vine pockets along sidewalk, enhanced slope planting

Make more pedestrian connections. If the opportunity allows, the City of Rancho Palos Verdes could purchase available property along Western Ave to make way for open space pedestrian connections from predominantly internal residential neighborhoods to the corridor and beyond.

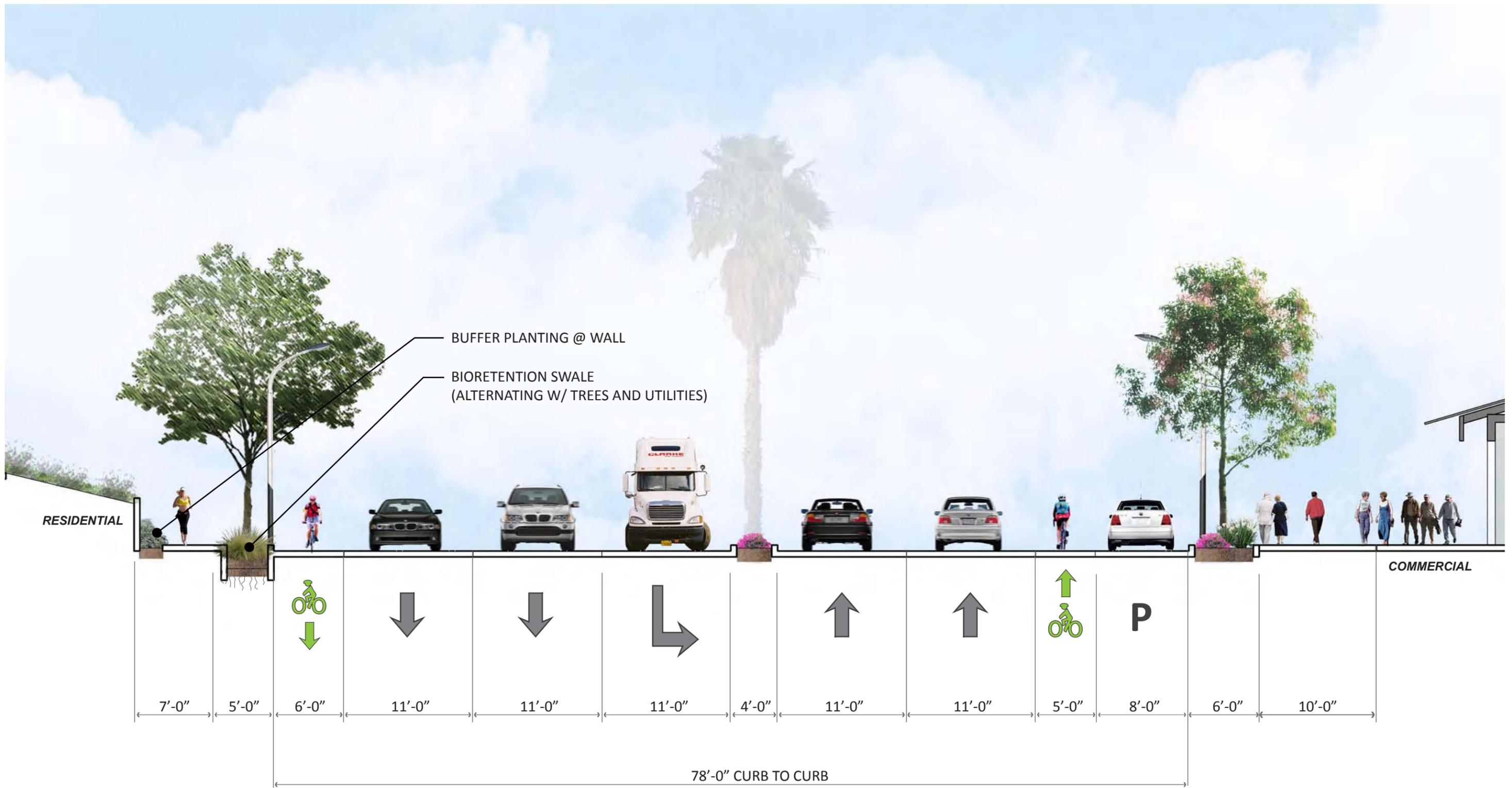
**DODSON
MIDDLE SCHOOL**





Walk Streets, Manhattan Beach, CA

Could Western Avenue have safe walk streets? The term “walk street” refers to properties who have a walkable, non-drivable frontages or sides. These walk streets in Manhattan Beach were originally built and constructed in 1913. Here, houses face each other across a wide sidewalk, their garage entries banished to alleys between them. It makes for a charming look, especially when the homeowners dress their front yards up with nice landscaping, and provides safe accessibility for pedestrians.



Idea fo the Middle Segment: Section Cut of Western Ave at Westmont Dr

Streetscape improvements could include the addition of dedicated bike lanes, continuously landscaped medians, addition of more street trees, improved bus stops, new street furniture (benches, lights, signage), bio-swales to better manage stormwater runoff, and wider sidewalks at both the east and west as extensions of commercial activity (e.g. sidewalk cafes, etc).

Suggested Plant Palette for the West Sidewalk Bioswales in the Middle Segment



Muhlenbergia rigens (Deer Grass)



Helictotrichon sempervirens (Blue Oat Grass)



Leucophyllum frutescens (Texas Ranger)



Juncus patens (Common Rush)

Suggested Plant Palette for the East Sidewalks and Medians in the Middle Segment



Senecio mandraliscae (Blue Chalk Sticks)



Bougainvillea 'La Jolla' (La Jolla Bougainvillea)



Dietes vegeta (African Iris)



Dianella revoluta (Flax Lily)



Aloe striata (Coral Aloe)

3.4 Northern Segment

Palos Verdes Drive N to John Montgomery Dr

Inactive edges on east and west

0.6 miles / 10-minute walk

Because of its adjacencies (Green Hills Memorial Park and the Defense Fuel Support Point), the northern segment of Western Avenue is primarily a fast-moving auto-oriented experience with inactive street edges on both the west and east sides. **Key recommendations for the Southern Segment include:**

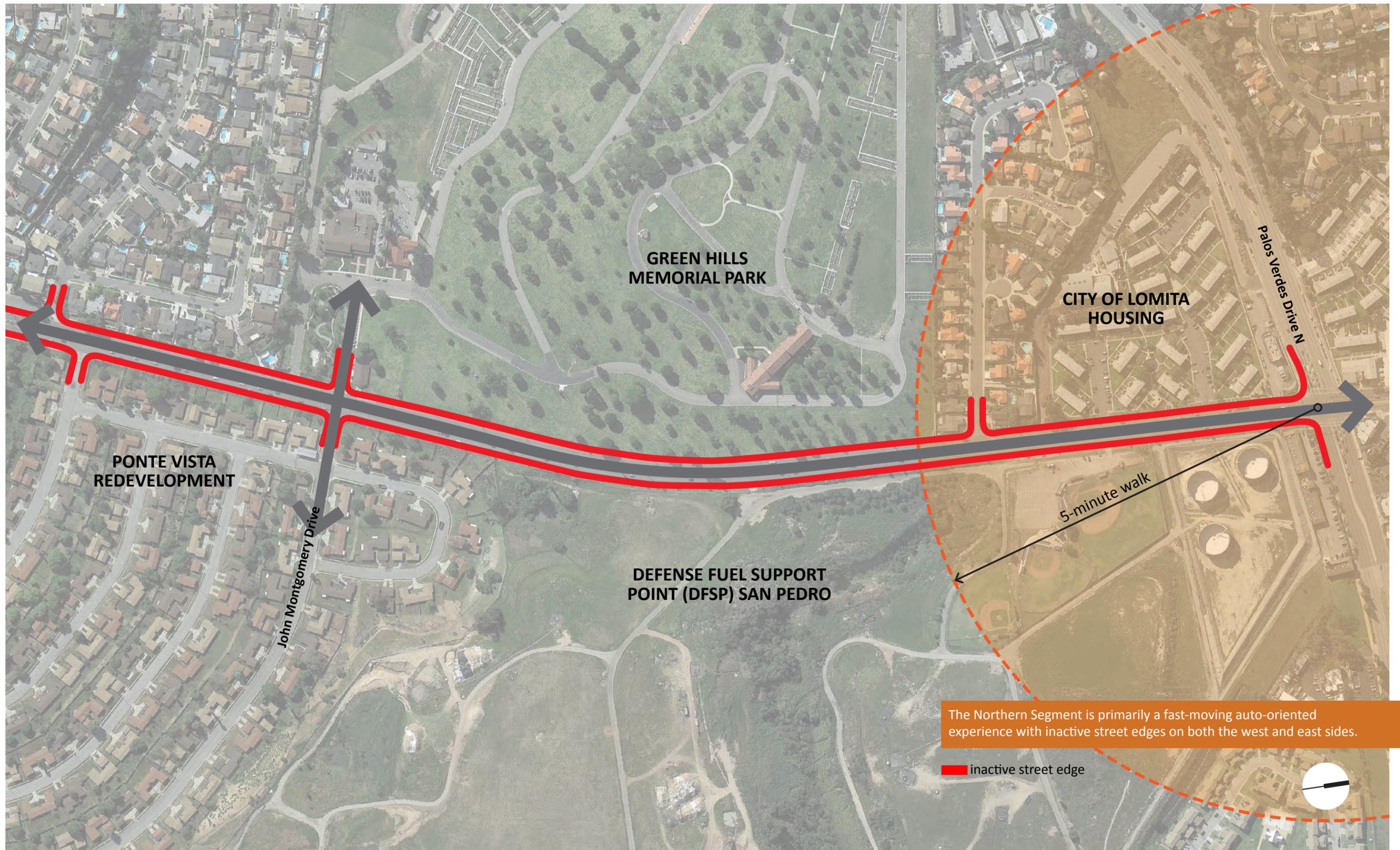
- The east side of the street is entirely occupied by the fuel storage infrastructure of the Defense Fuel Support Point (DFSP) San Pedro. This facility, for all practical purposes, is here for perpetuity.
- The west side of the street is entirely occupied by Green Hills Memorial Park. This facility too is here for perpetuity.
- Given that the east and west side of the streets will never house active, visitor-serving uses the experience of this segment of the study area is decidedly **auto-oriented**.
- Monumental **public art**, scaled to be visible to auto users, can be located on the street edges (in partnership with the Cemetery and DFSP).
- This segment is also an ideal location for a **gateway element** announcing the arrival into the commercial heart of the study corridor.
- Surface parking in the northern segment rarely sees any use. Like on the west side of the middle segment, here too, the sidewalks on both the east and west side of the street can be widened to accommodate a **bio-swale**.



Existing: Looking south on Western Ave at Palos Verdes Drive N



Existing: Looking north on Western Ave at John Montgomery Dr



**GREEN HILLS
MEMORIAL PARK**

**CITY OF LOMITA
HOUSING**

**PONTE VISTA
REDEVELOPMENT**

**DEFENSE FUEL SUPPORT
POINT (DFSP) SAN PEDRO**

John Montgomery Drive

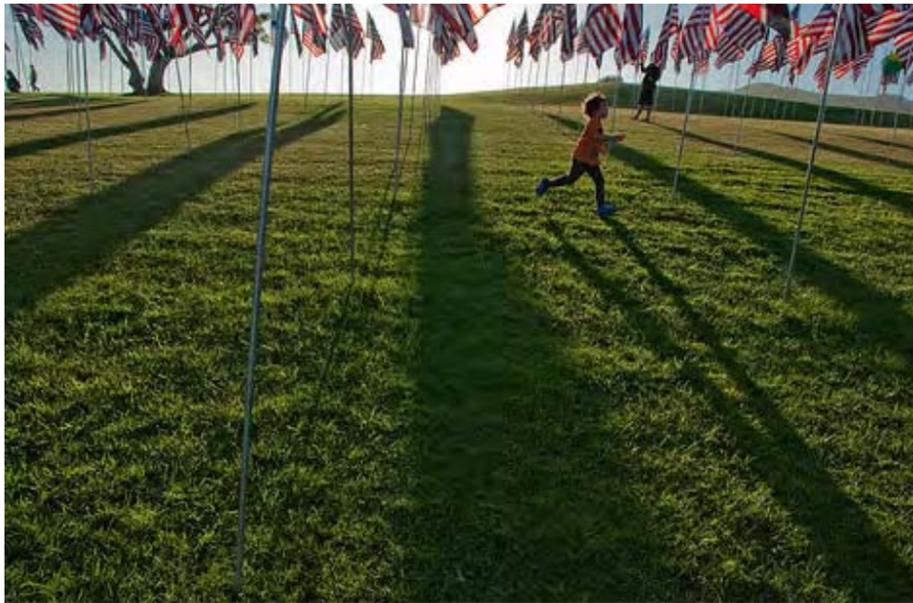
Palos Verdes Drive N

5-minute walk

The Northern Segment is primarily a fast-moving auto-oriented experience with inactive street edges on both the west and east sides.

 inactive street edge





Pepperdine University, Malibu, CA

Pepperdine University’s campus makes full use of its “front yard” setting on the Pacific Coast Highway and allows its rolling green hills to gently engage the street. This model could also be employed at the Green Hills Cemetery and the DFSP along the northern segment of Western Avenue.



LAX Gateway Monuments, Los Angeles, CA

The LAX Gateway Monuments, as an art piece, signifies one’s entry or exit from the City of Los Angeles. While a gateway monument of this size many not be appropriate for Western Avenue, the idea of having some sort of gateway or entry signage is appropriate. The northern segment is an ideal location to announce one’s arrival into the commercial heart of the study corridor, particularly by car.



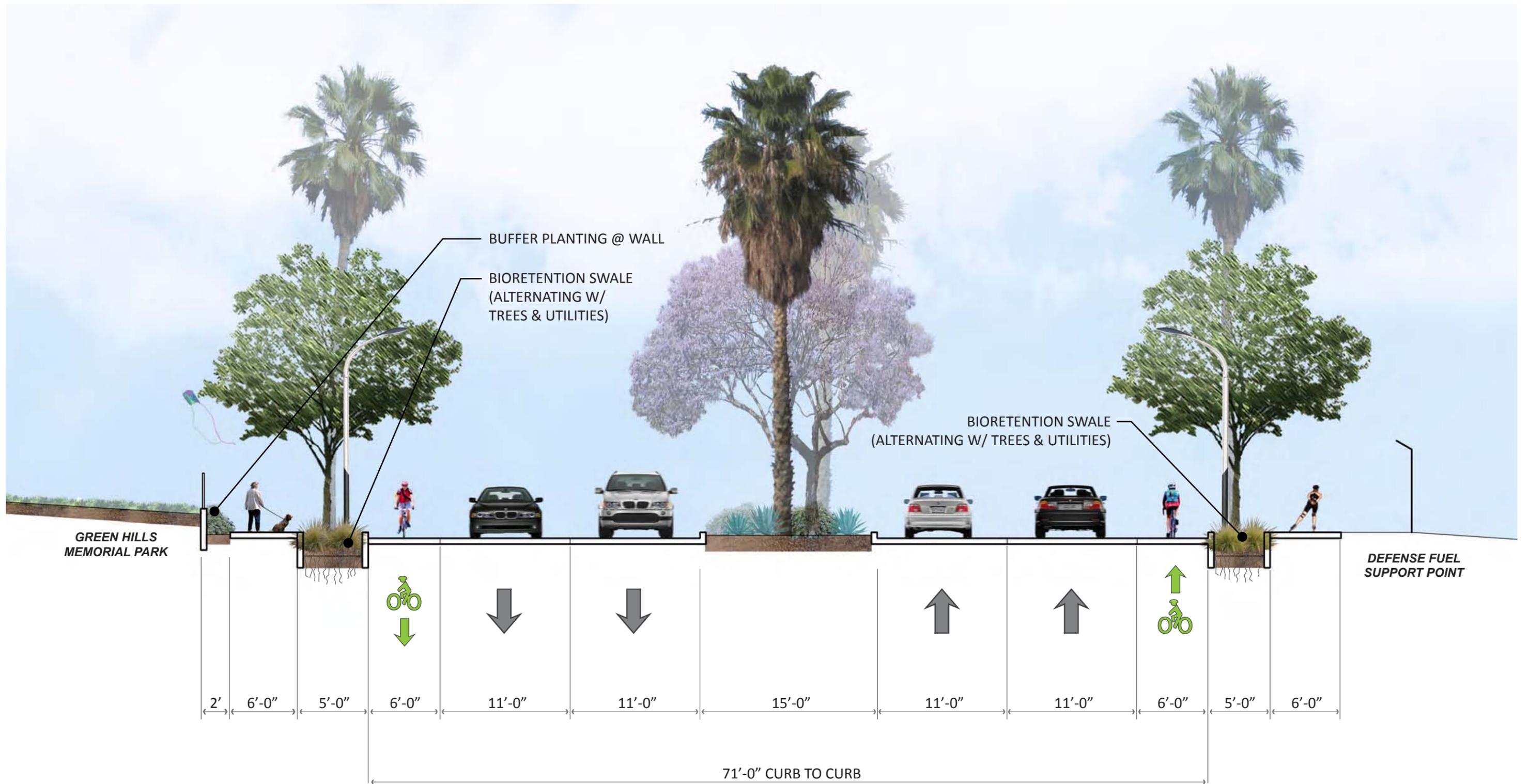
co2LED Public Art Installation, Virginia

The northern segment can benefit from public art, whether monumental and permanent, or ephemeral and temporary. In this case, a group of artists created this temporary public art project aimed at raising awareness of global warming. The project, called CO2LED, is made up of more than 500 plastic water bottles attached to white plastic poles ranging from 5 to 13 feet high. Inside each inverted water bottle is a bright white LED light. At a distance, the stems look like gently bobbing cattails in the median of a busy intersection. The high-efficiency LED lights are lit by solar power.



Enchanted Highway, North Dakota

The Enchanted Highway, a 32 mile stretch of highway through open country land in North Dakota, features some of the world's largest scrap metal art sculptures. Monumental public art can be similarly displayed along the northern segment of Western Avenue. This segment is also an ideal location for a gateway element announcing one's arrival into the commercial heart of the study corridor.



Idea for the Northern Segment: Section Cut of Western Ave at Green Hills Memorial Park
 Streetscape improvements could include the addition of dedicated bike lanes, continuously landscaped medians, addition of more street trees, improved bus stops, new street furniture (benches, lights, signage), bio-swales to better manage stormwater runoff, opportunities for roadside art along DSFP or Green Hills, and iconic entry signage or monuments.

Suggested Plant Palette for Sidewalk Bioswales in the Northern Segment



Muhlenbergia rigens (Deer Grass)



Helictotrichon sempervirens (Blue Oat Grass)



Leucophyllum frutescens (Texas Ranger)



Juncus patens (Common Rush)

Suggested Plant Palette for Median Landscape in the Northern Segment



Dracaena draco (Dragon Tree)



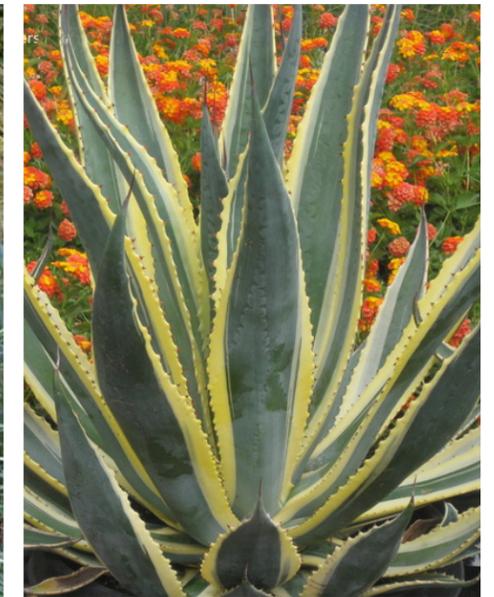
Senecio mandraliscae (Blue Chalk Sticks)



Ceanothus 'Joyce Coulter' (Creeping Mountain Lilac)



Helictotrichon sempervirens (Blue Oat Grass)



Agave americana 'Variegata' (Century Plant)

3.5 Corridor-wide Mobility

While there are many ideas to improve transit and bicycle access along the entire stretch of Western Avenue, **the key recommendations for corridor-wide mobility include:**

- The corridor generally has the curb-to-curb width to accommodate bike lanes in both north and south directions without impacting existing traffic lanes. If **bike lanes are introduced** then the existing median may require spot reconfigurations.
- A secondary option to introduce/encourage bicycle mobility is to consider **bicycle-friendly signage** on the existing Wider Curb Lane (WCL). While a WCL is not a dedicated bike lane, it represents a proactive means of accommodating bicycles (via sharrows and other

bicycle signage) in constrained right-of-ways. In this scenario the median will not be affected.

- While bus service is available on Western Ave (via Metro and PV Transit), the frequency has much to be desired. Metro’s 205 service has over 30-minute interval and PV Transit shuttles only operate during school drop-off/pickup times. Serving Peck Park on the south, the **San Pedro DASH could be extended** to provide frequent, regular service as far north as Ponte Vista.
- Metro’s Bus Rapid 757 provides north-south service on Western Avenue from Hollywood to the 105 Freeway. **Extending Metro Bus Rapid 757 south to 25th Street** on the Peninsula will provide bus rapid access to the study area and adjoining communities.
- Metro is currently studying an **extension of the Green Line light rail system** south of El Segundo along the Harbor Sub-

division. The terminus of this study brings the light rail to within a mile of the rail corridor’s intersection with Western Avenue. A long term transit improvement project could see the Green Line light rail turn south on Western Avenue and connect the corridor to the region wide rail network. Admittedly, this is an ambitious idea and will require extensive analysis and a strong coalition of local champions to lobby Metro and agencies. **If implemented, this big-ticket transit intervention will do the most to change the patterns of development and image of the corridor.**



3.5a Bicycle

The Palos Verdes Peninsula and San Pedro communities have a long **established tradition of recreational biking**. However, most of this activity takes place along the oceanfront and the hilly peninsula terrain away from Western Avenue, arguably the corridor with the best regional access and amenities for bicyclists. Both the City of Rancho Palos Verdes and the City of Los Angeles recommend introducing north and south bike lanes along Western Avenue in the long-range bicycle plans. Our analysis shows that these bike lanes can be accommodated for the entire stretch of the study corridor.

Build on what we have. Make the corridor a key element of existing recreational biking, to support the strong, existing precedent of cycling in RPV.



Provide incentives. Provide more bicycling commuting options for students and employees of San Pedro and the Palos Verdes Peninsula.

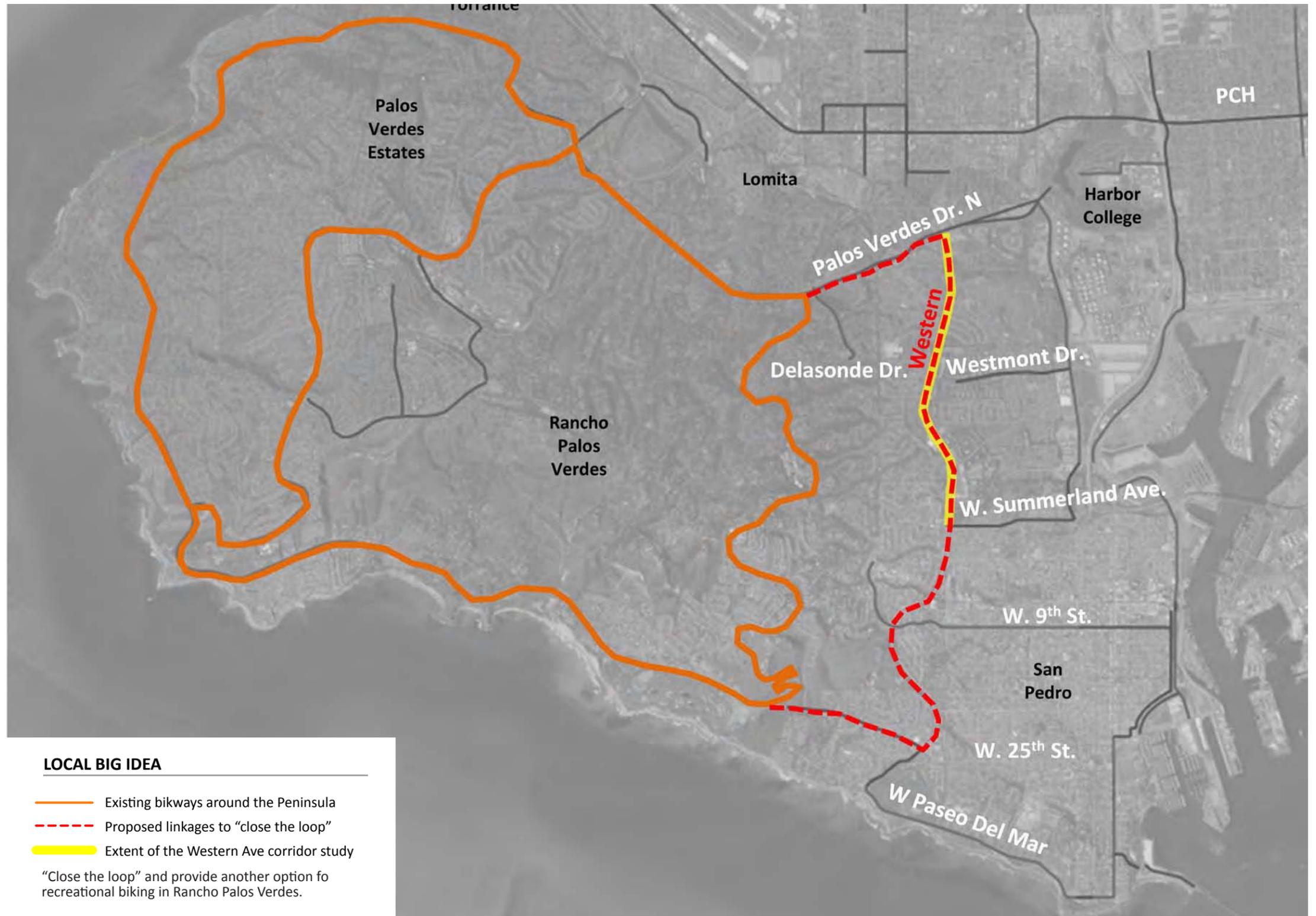
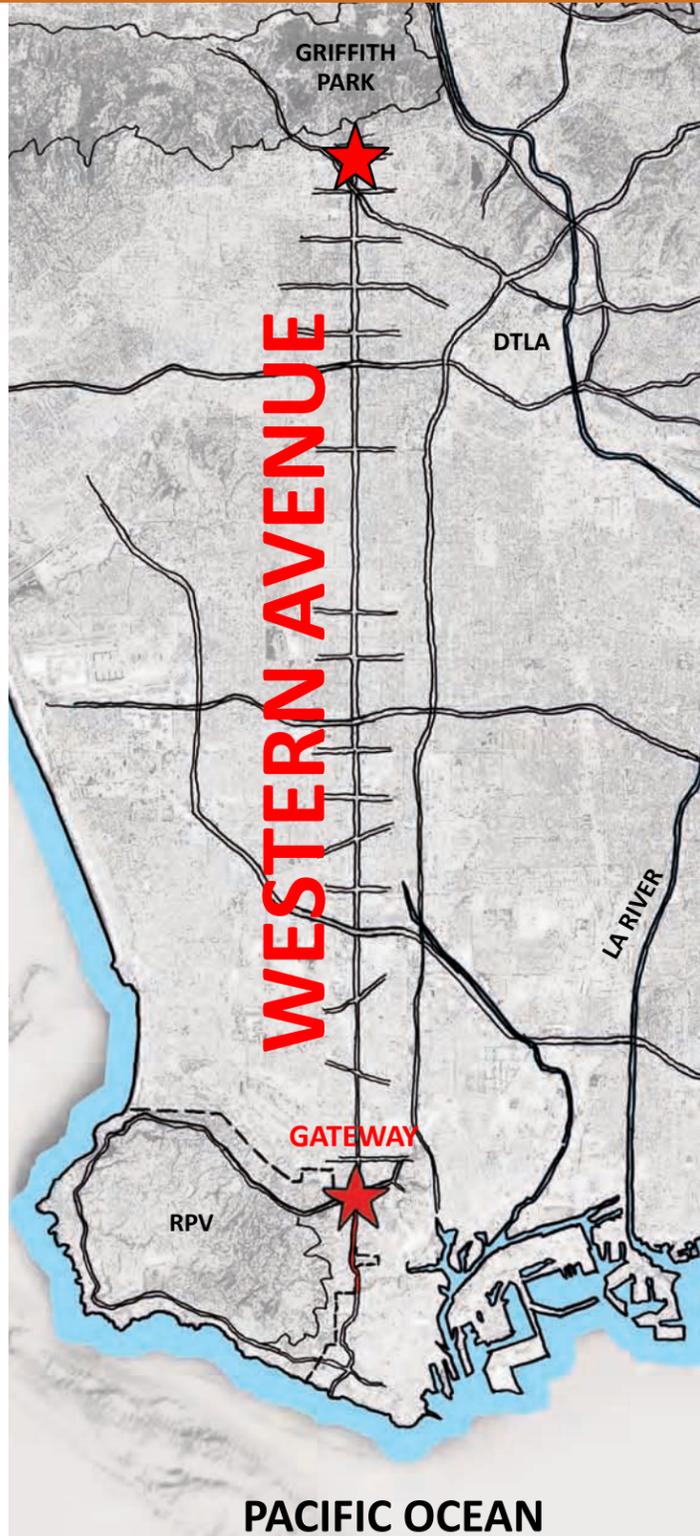


Make it easier to get around. Provide a safe and accessible connection to existing and proposed transit hubs.



Share the road. Use bike infrastructure dollars to improve the public realm and to elevate the bicyclist and pedestrian experience.

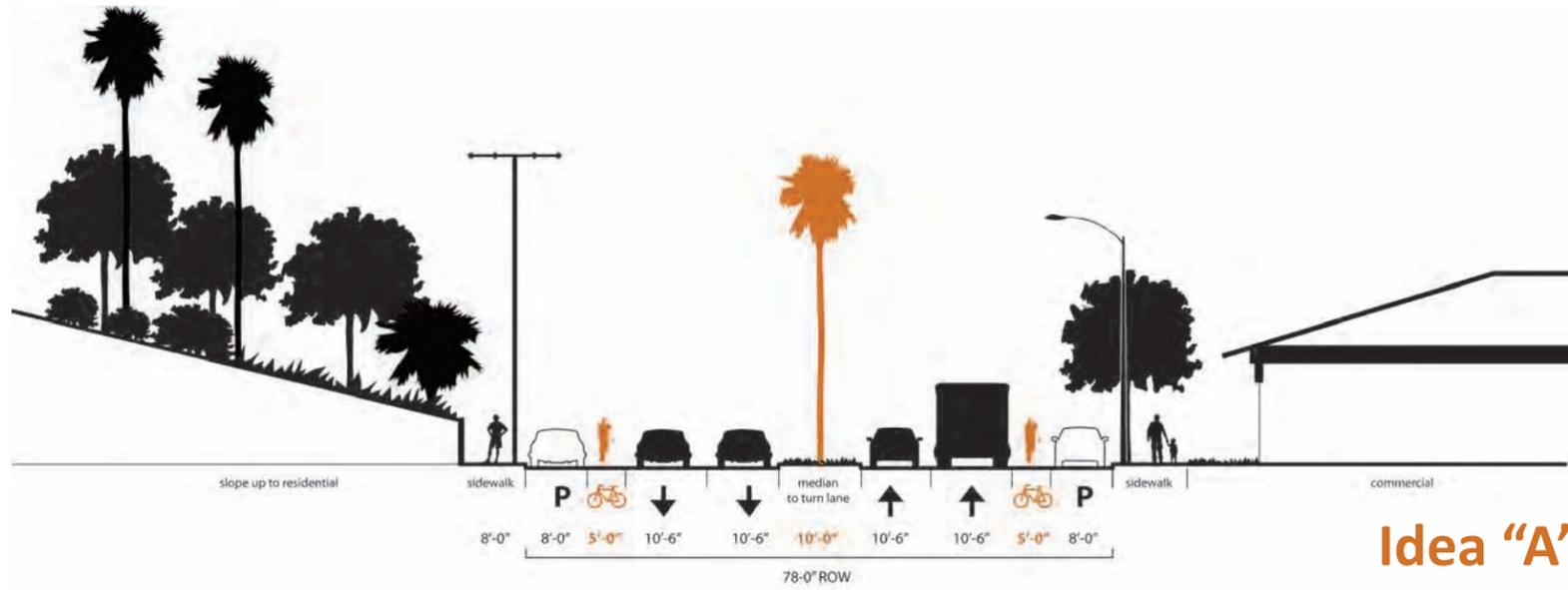
Regional Big Idea: “Link the Mountains to the Ocean.” Western Avenue – the most direct north to south route in Los Angeles – does not currently provide bike access anywhere along its entire stretch.



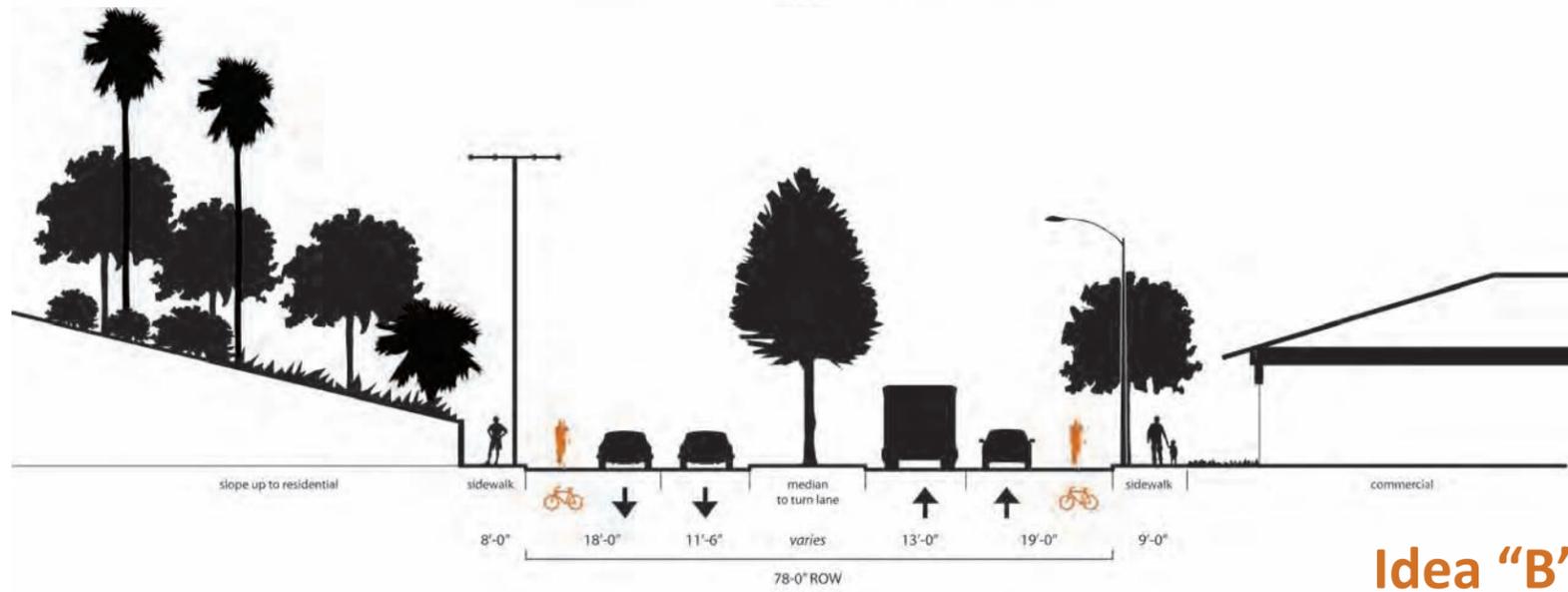
LOCAL BIG IDEA

- Existing bikeways around the Peninsula
- - - Proposed linkages to “close the loop”
- Extent of the Western Ave corridor study

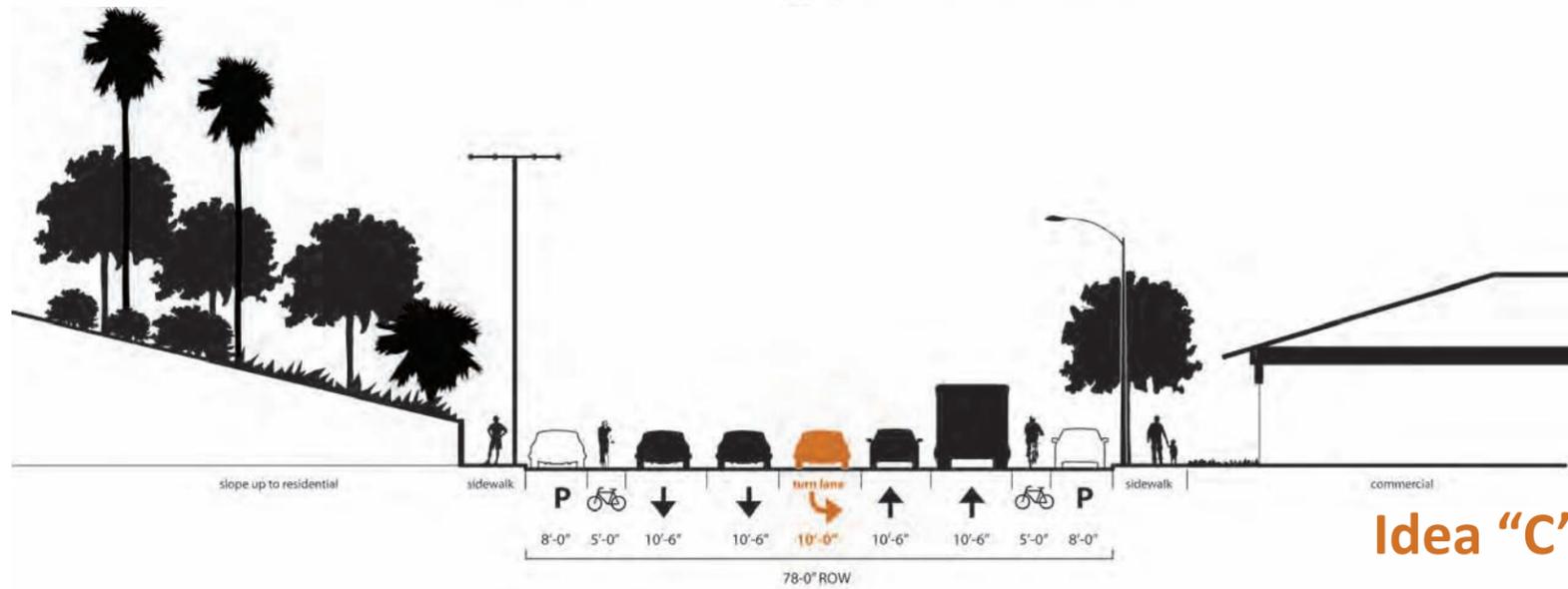
“Close the loop” and provide another option for recreational biking in Rancho Palos Verdes.



Idea "A"



Idea "B"



Idea "C"

Narrow medians and re-stripe lanes. [Opportunity to rethink median planting to create a more unified streetscape.]



Remove street parking. [Option to provide parking only during off-peak hours and biking during peak hours.]



Remove medians altogether.



3.5b Transit

The study corridor, like most of the South Bay and Palos Verdes Peninsula, has relatively light transit connectivity when compared to the areas north of the 105 Freeway. **There is no light transit within easy access.** Bus transit is typically of rush-hour commuter type and provides access to El Segundo jobs center as well as downtown Los Angeles. Western Avenue has clear (long-term) opportunities to connect to regional transit – both Bus Rapid Transit and light rail. Some of these ideas (especially extending light rail transit down Western Avenue) are more ambitious and will require extensive analysis and a strong coalition of local champions to lobby Metro and agencies. If implemented, these big-ticket transit interventions will do the most to change the patterns of development and image of the corridor.



Put us on the map. Position the corridor as a regional retail destination for locals and visitors alike.

Jobs. Provide commuting options for local residents along the corridor to employment centers.

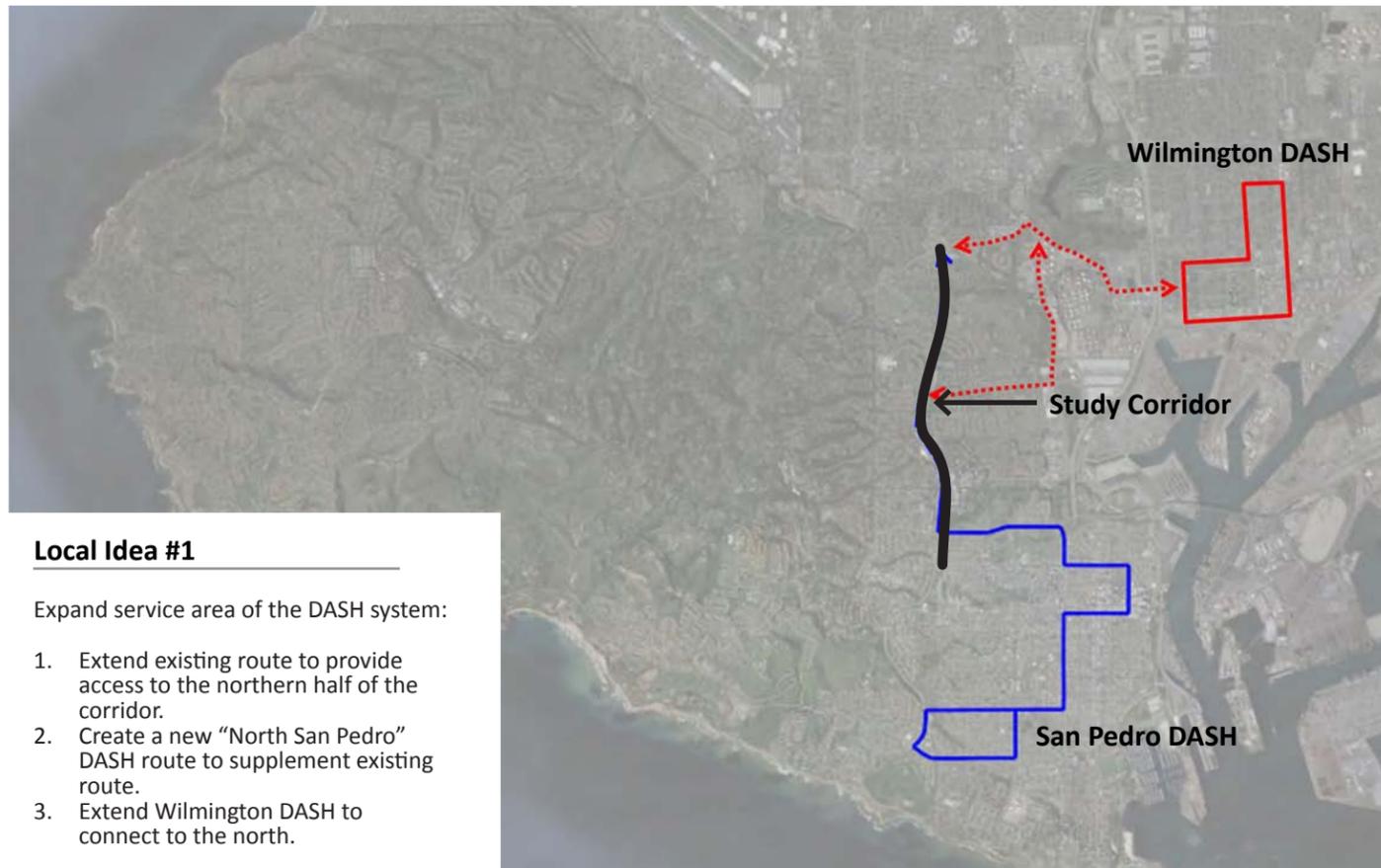


Access. Provide multiple options for the local communities of San Pedro, the Palos Verdes Peninsula, and the South Bay to access Western Avenue.

Value. Add value to adjacent parcels to provide an impetus to locate transit-accessible homes and jobs.



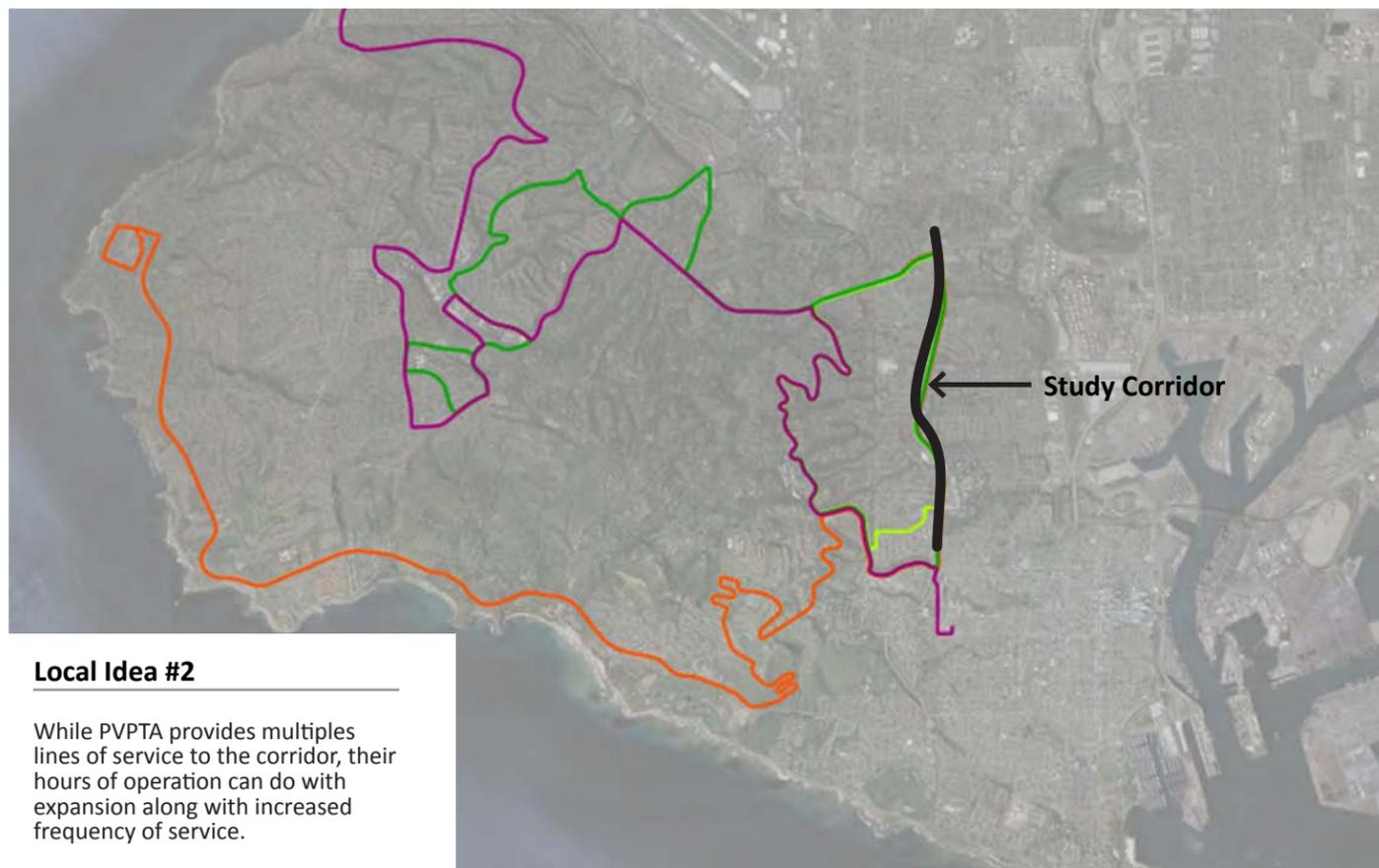
Improve. Make use of transit improvement dollars to improve the public realm and elevate the bicyclist and pedestrian experience.



Local Idea #1

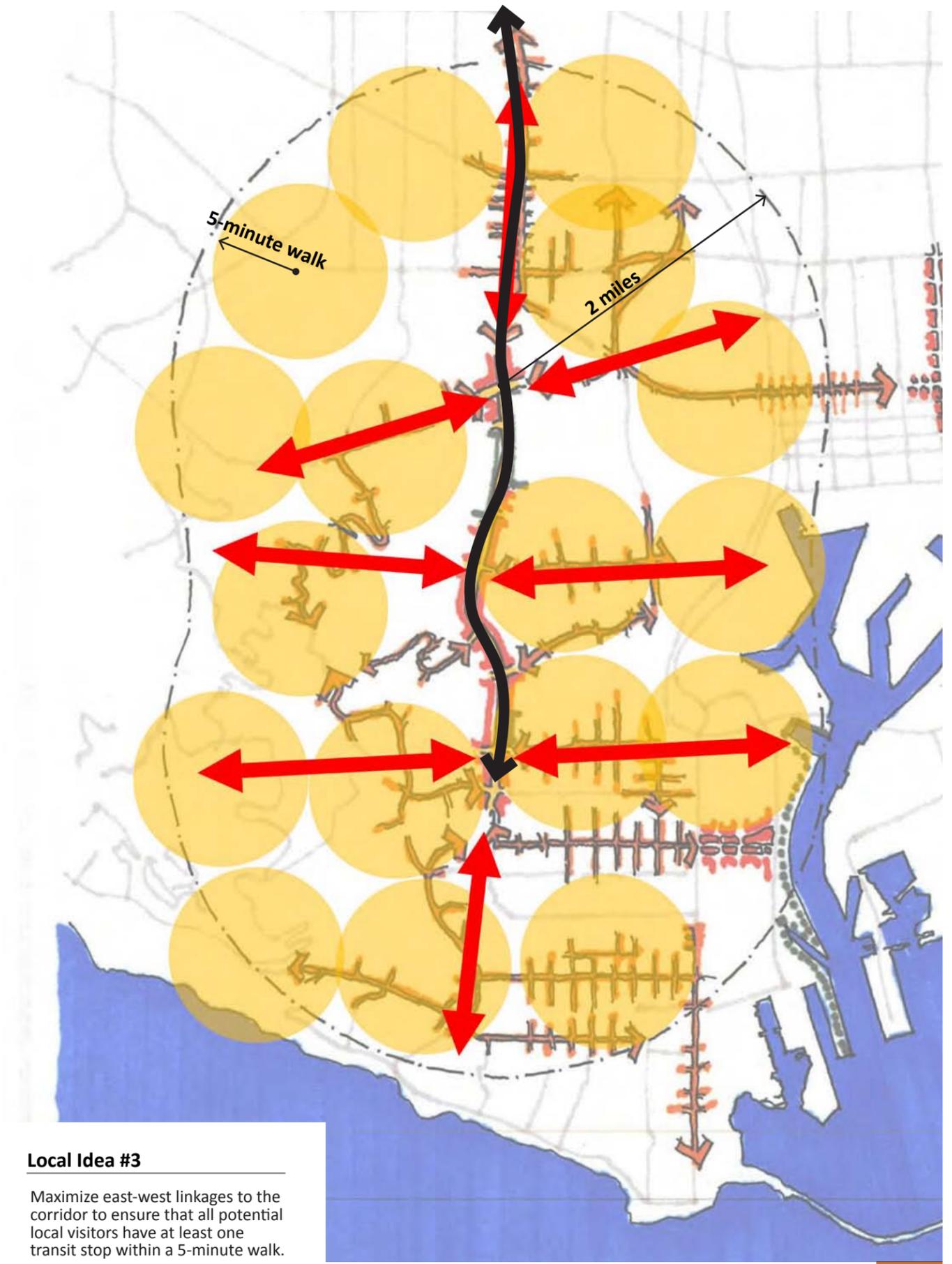
Expand service area of the DASH system:

1. Extend existing route to provide access to the northern half of the corridor.
2. Create a new "North San Pedro" DASH route to supplement existing route.
3. Extend Wilmington DASH to connect to the north.



Local Idea #2

While PVPTA provides multiples lines of service to the corridor, their hours of operation can do with expansion along with increased frequency of service.

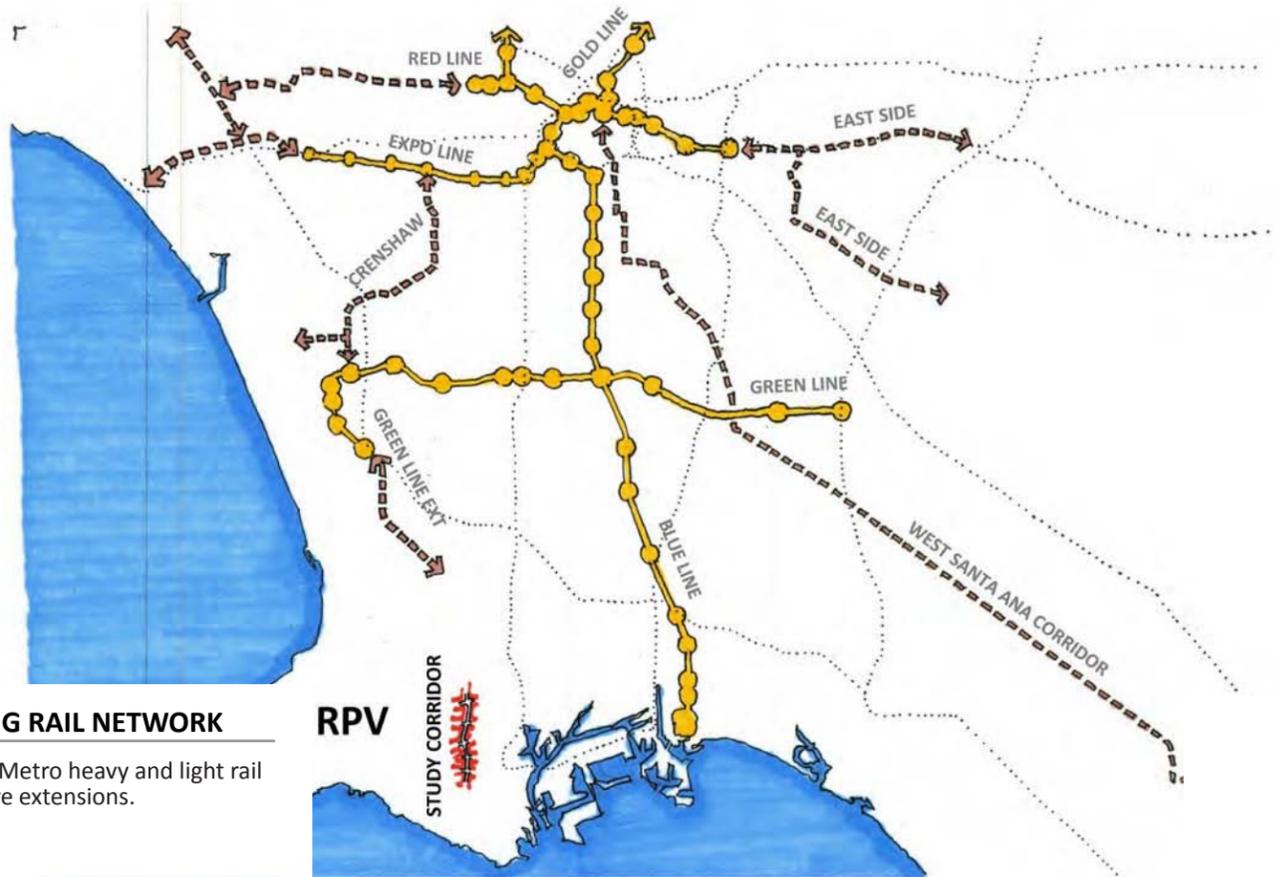


Local Idea #3

Maximize east-west linkages to the corridor to ensure that all potential local visitors have at least one transit stop within a 5-minute walk.

Idea: Envisioning light rail along the Western Avenue Corridor?



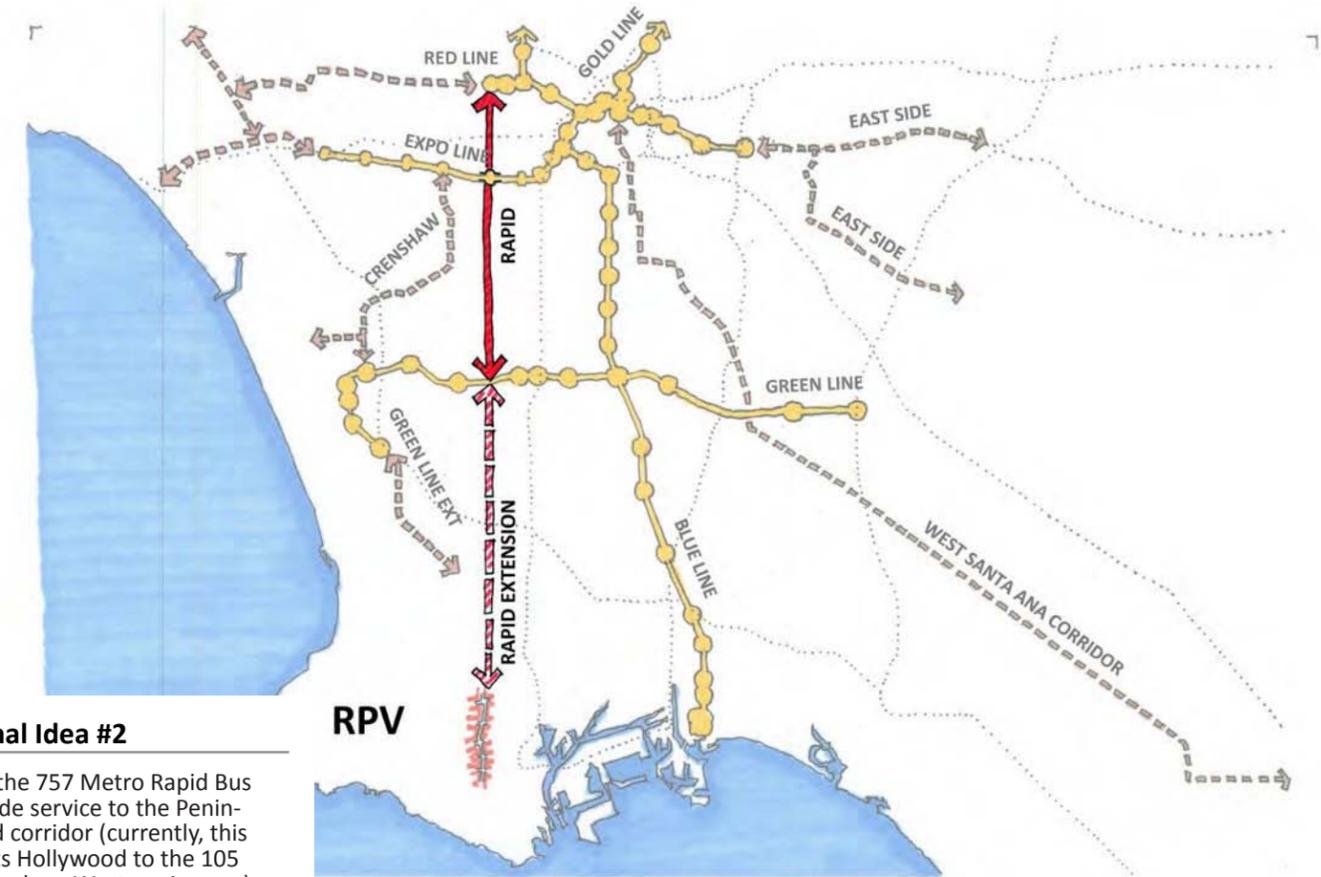


EXISTING RAIL NETWORK

Showing Metro heavy and light rail and future extensions.

RPV

STUDY CORRIDOR

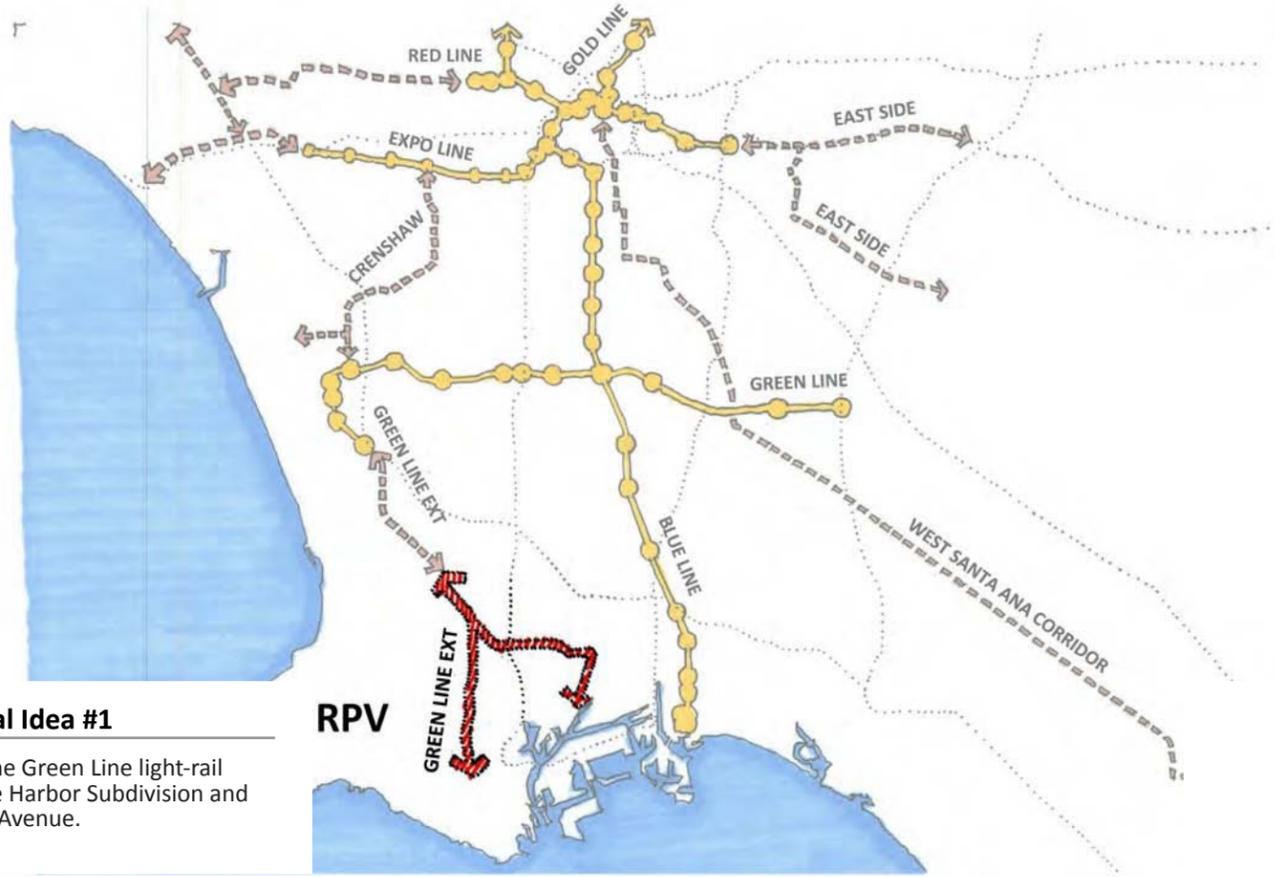


Regional Idea #2

Extend the 757 Metro Rapid Bus to provide service to the Peninsula and corridor (currently, this connects Hollywood to the 105 Freeway along Western Avenue).

RPV

RAPID
RAPID EXTENSION

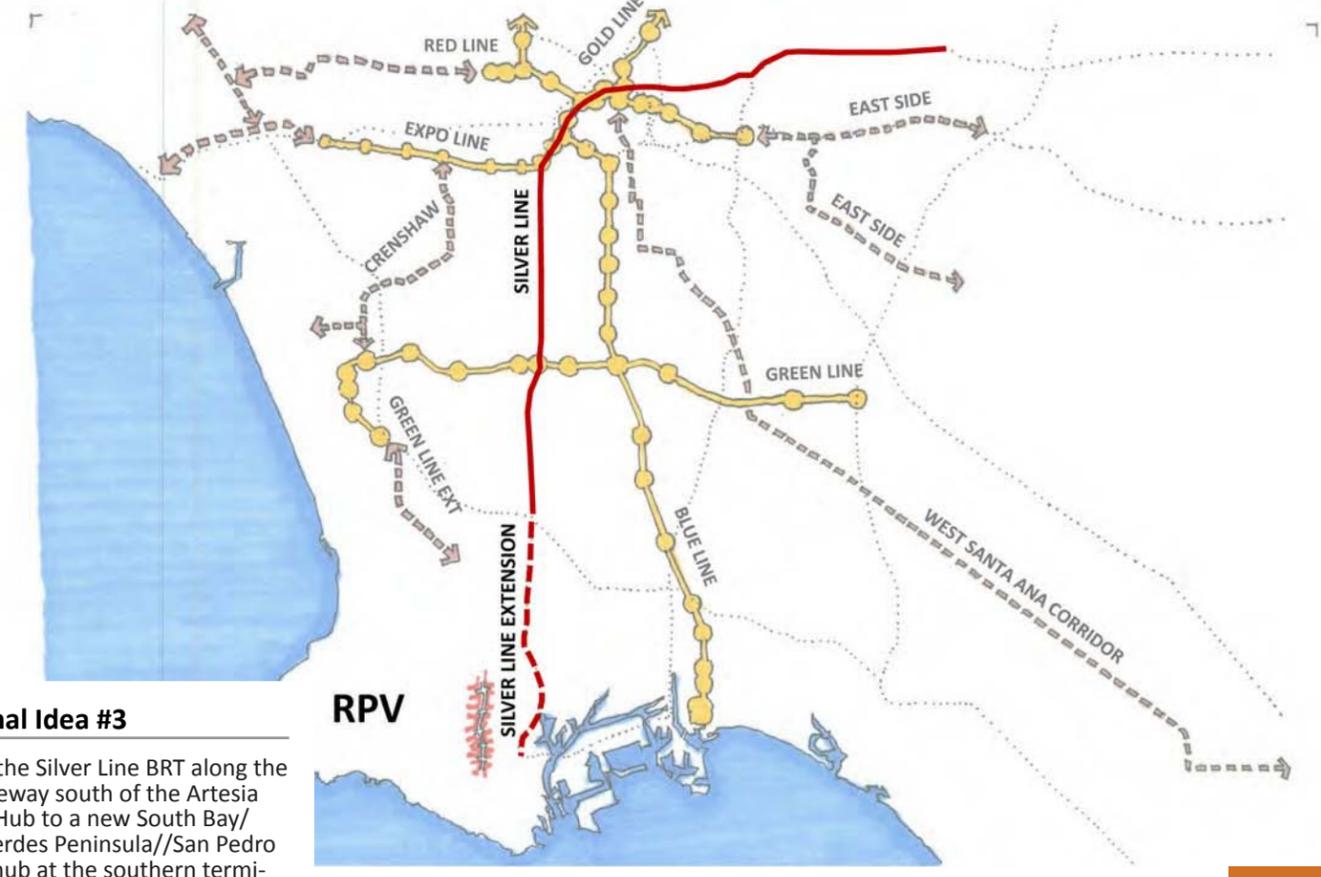


Regional Idea #1

Extend the Green Line light-rail down the Harbor Subdivision and Western Avenue.

RPV

GREEN LINE EXT



Regional Idea #3

Extend the Silver Line BRT along the 110 Freeway south of the Artesia Transit Hub to a new South Bay/Palos Verdes Peninsula/San Pedro transit hub at the southern terminus of the 110 Freeway.

RPV

SILVER LINE
SILVER LINE EXTENSION