



# Artesia Great Boulevard Project

City Council Meeting - October 11, 2022

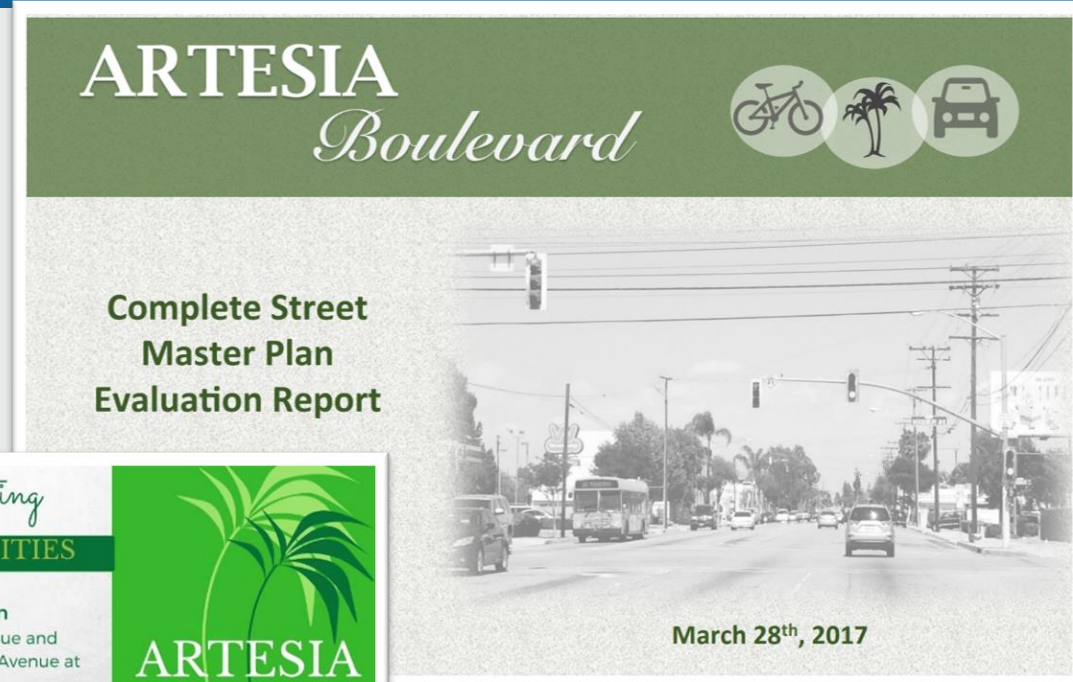
# ARTESIA GREAT BOULEVARD PROJECT

## Complete Street Master Plan

### Gateway Cities Complete Street Master Plan For Artesia Boulevard

The Artesia Boulevard Complete Street Master Plan provides opportunities to revitalize the Corridor through urban design, water quality, higher density mixed use development, improved transit, bike and pedestrian conductivity.

- ✓ Multiple Jurisdictions Regional Footprint
- ✓ Enhancing Mobility (all Modes)
- ✓ Traffic Calming
- ✓ Urban Greening and Enhancement
- ✓ Sustainability Planning
- ✓ Stormwater and Urban Runoff
- ✓ Economic Viability and Visioning
- ✓ Pedestrian Enhancement and ADA Compliance
- ✓ Median Improvement and Channelization
- ✓ Transit Operations
- ✓ Parking Enhancements
- ✓ Reduce transportation related greenhouse gases.
- ✓ Safe Routes to school plans.



**THE GOAL**  
The goal of this project is to improve the Corridor by promoting a balanced, comprehensive multimodal transportation system in an effort to enhance sustainability of the communities that it serves and to address local and regional transportation needs. Specific goals are to:

- 1 Improve the multimodal mobility and access.
- 2 Promote and preserve a multimodal transportation system.
- 3 Improve safety and security.
- 4 Foster livable and healthy communities.
- 5 Promote social equity and environmental justice.
- 6 Improve air quality.
- 7 Support economic vitality and quality of life of its communities.

**IN ADDITION**

- Corridor enhancements for multimodal mobility, access, safety, and linkages.
- Transit improvement opportunities to preserve transit facilities and optimize transit infrastructure.
- Accessibility and connectivity of the multimodal transportation network.

*Participating*  
**CITIES**

**City of Compton**  
Central Avenue and  
Wilmington Avenue at  
SR-91

**City of Long Beach**  
Atlantic Avenue Area

**City of Bellflower**  
Bellflower Boulevard

**City of Cerritos**  
I-605 and the San Gabriel  
River

**City of Artesia**  
Pioneer Boulevard

**ARTESIA Boulevard**

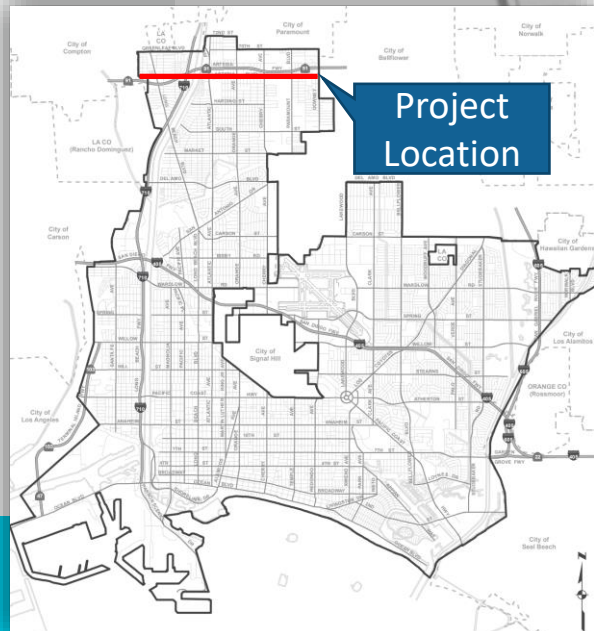
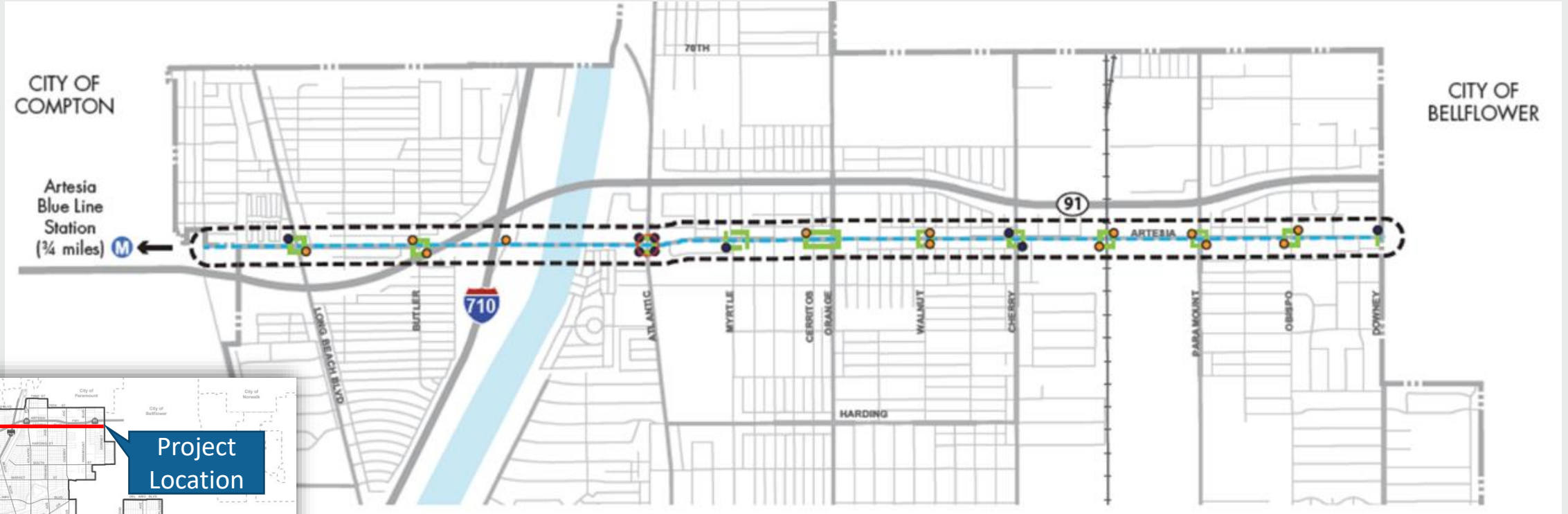
MASTER PLAN & COMPLETE STREET EVALUATION  
Conceptual Planning Exhibits

PREPARED BY  
GATEWAY CITIES



# ARTESIA GREAT BOULEVARD PROJECT

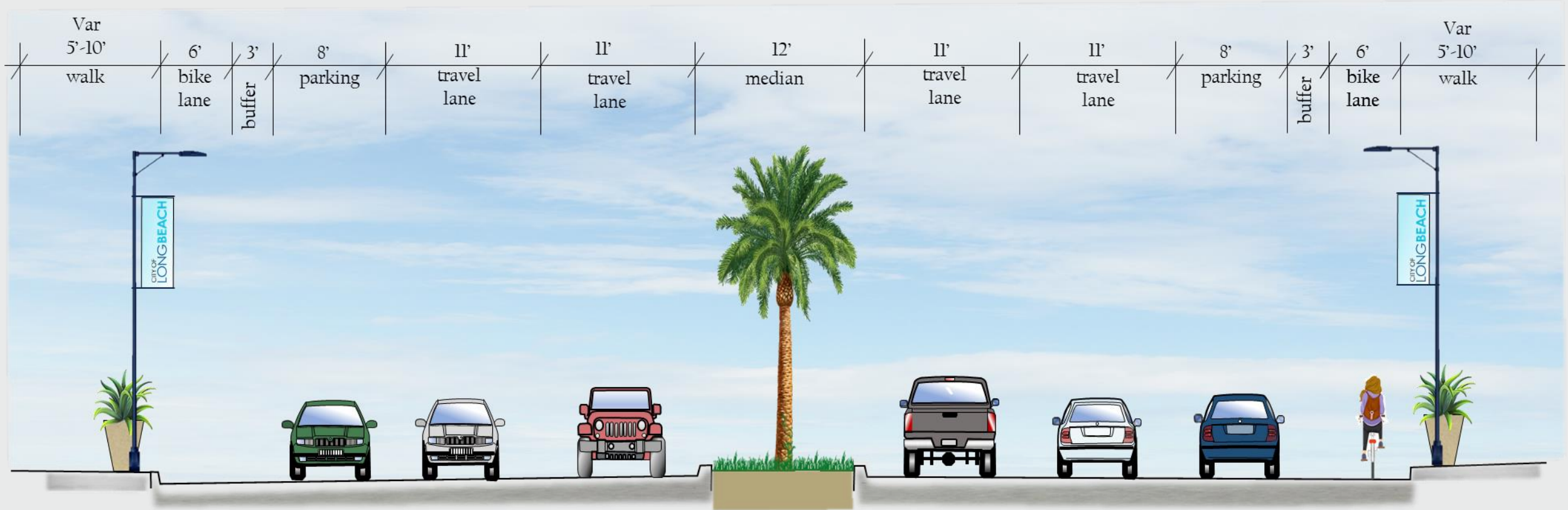
## Project Location and Project Limits



*This project will implement a series of Capacity and Complete Street enhancements along an approximately 3-mile length of Artesia Boulevard from Harbor Blvd (east of City of Compton) and Downey Ave (west of City of Bellflower)*

# ARTESIA GREAT BOULEVARD PROJECT

## Typical Section



# ARTESIA GREAT BOULEVARD PROJECT

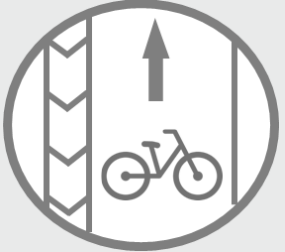
## Project Features



**Roadway Improvements**



**Landscape/Irrigation Improvements**



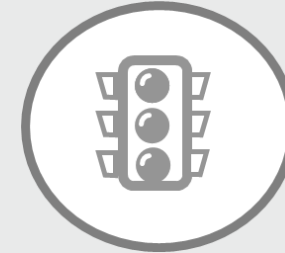
**Class IV Bikeway**



**Bioretention Planters**



**Bus Stop Improvements**



**Traffic Improvements/ITS**



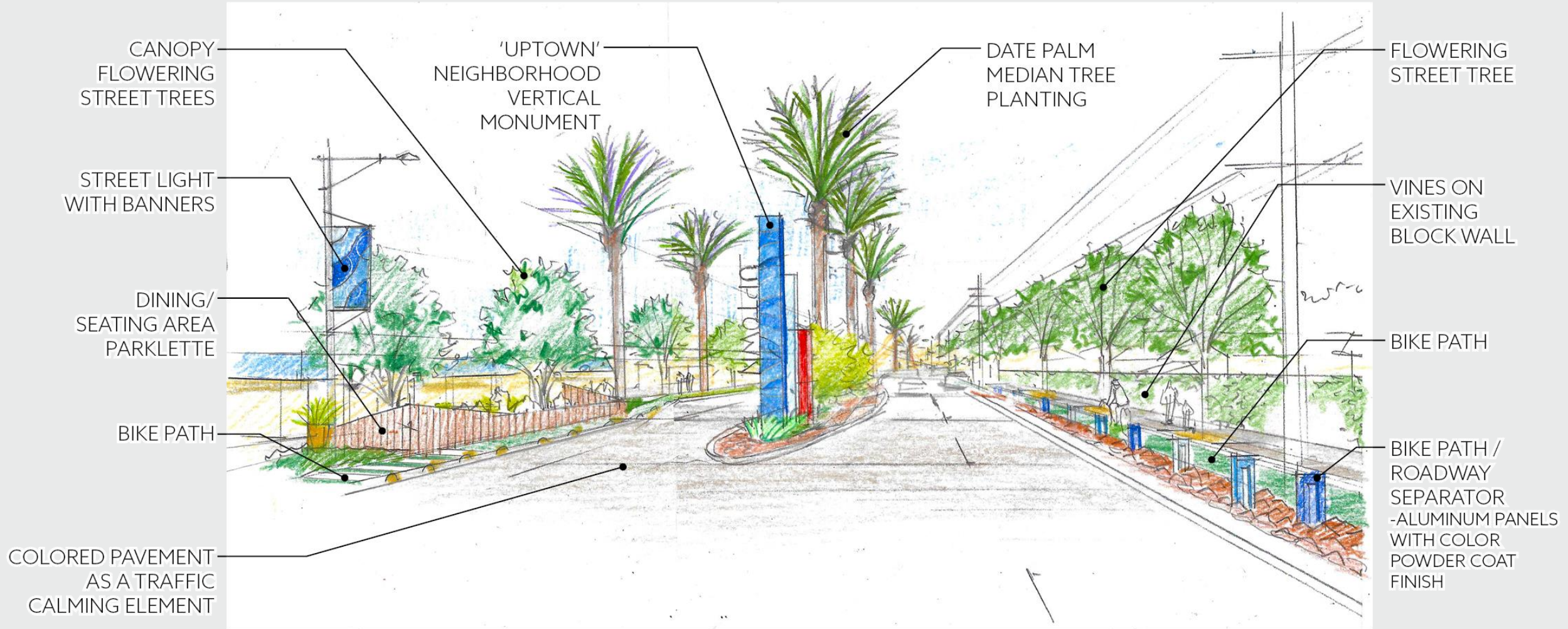
**Curb Enhancements**



**Street Furniture**

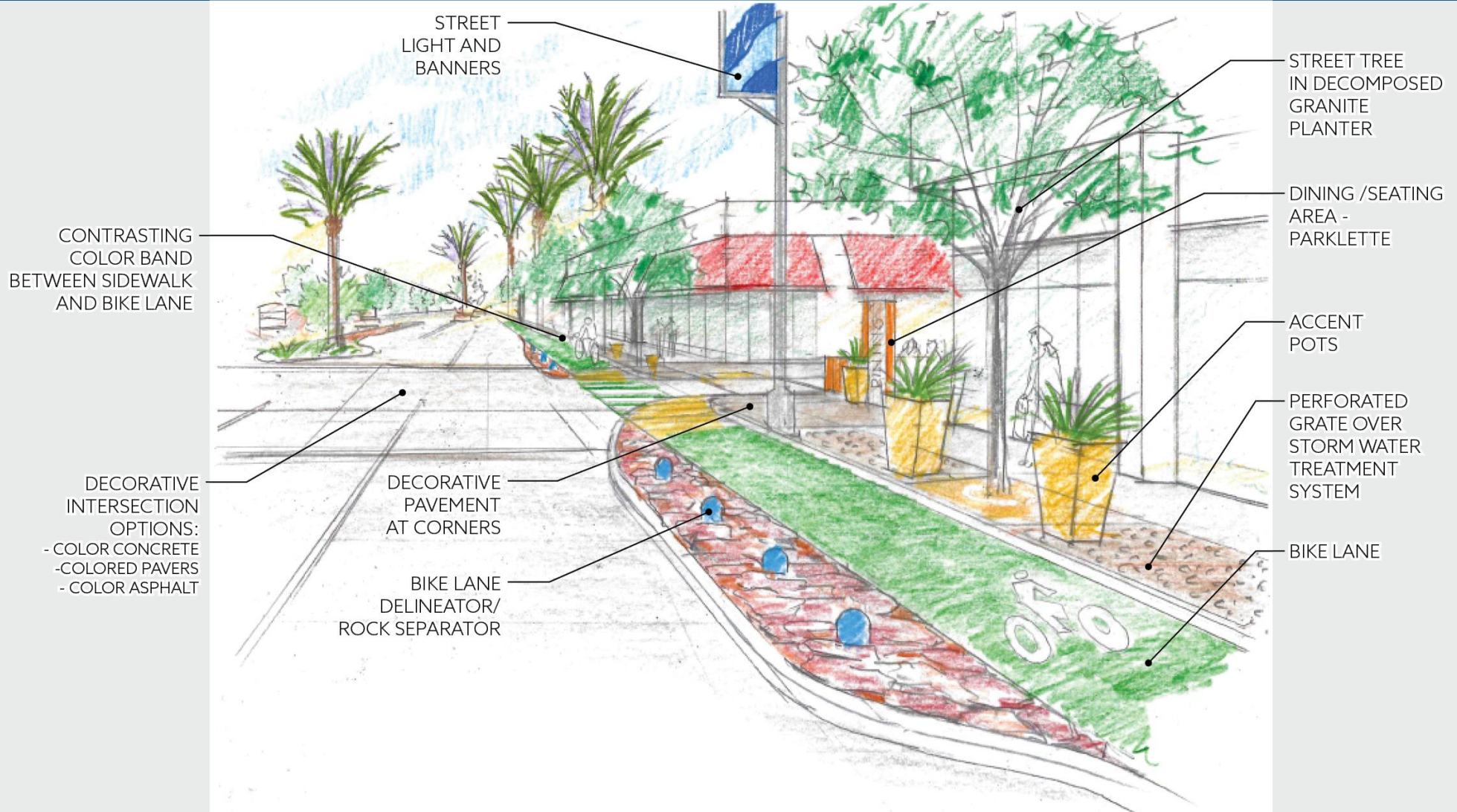
# ARTESIA GREAT BOULEVARD PROJECT

## Vision Concept – Street Character Sketch



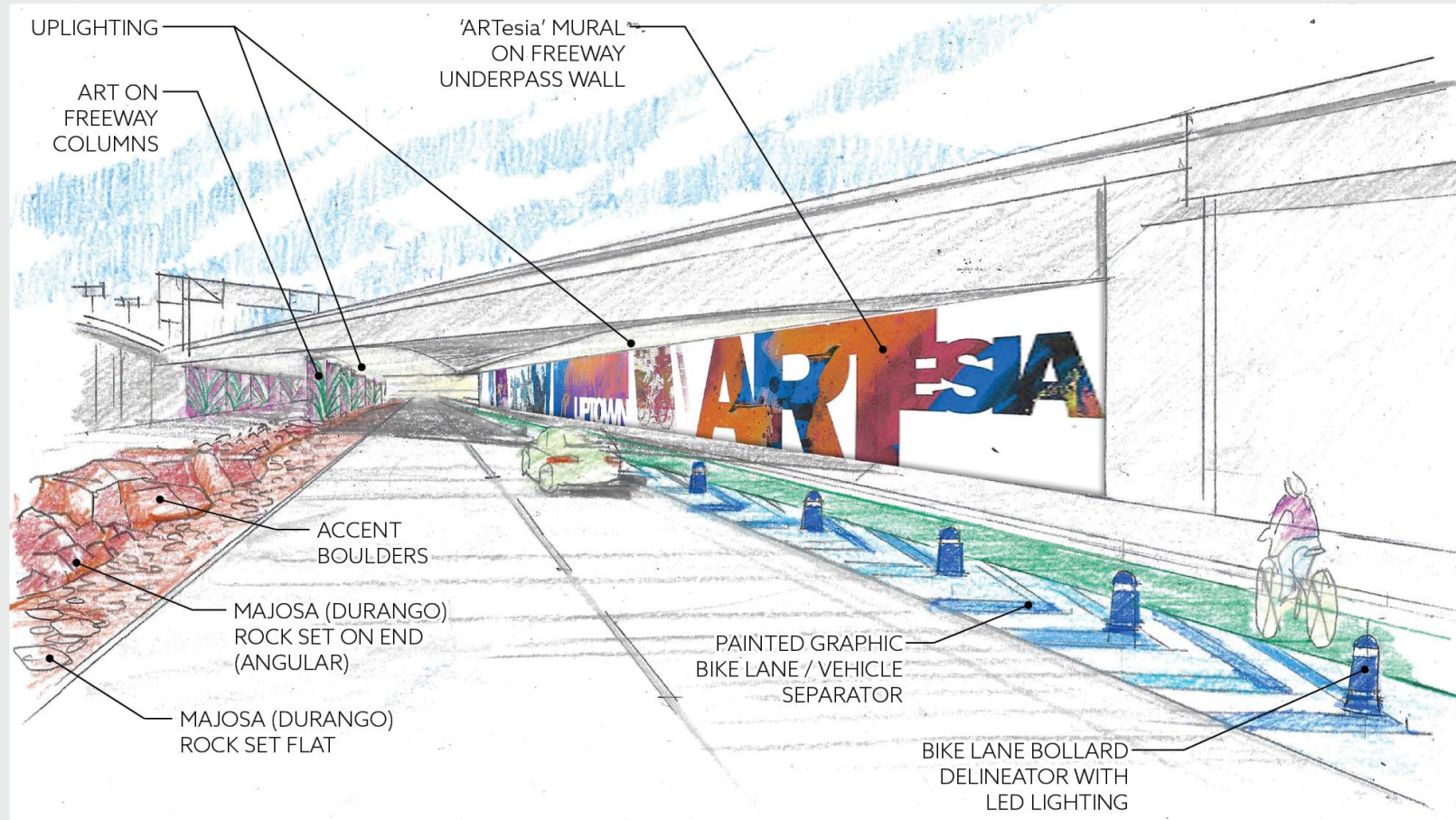
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## Vision Concept – Street Character Sketch



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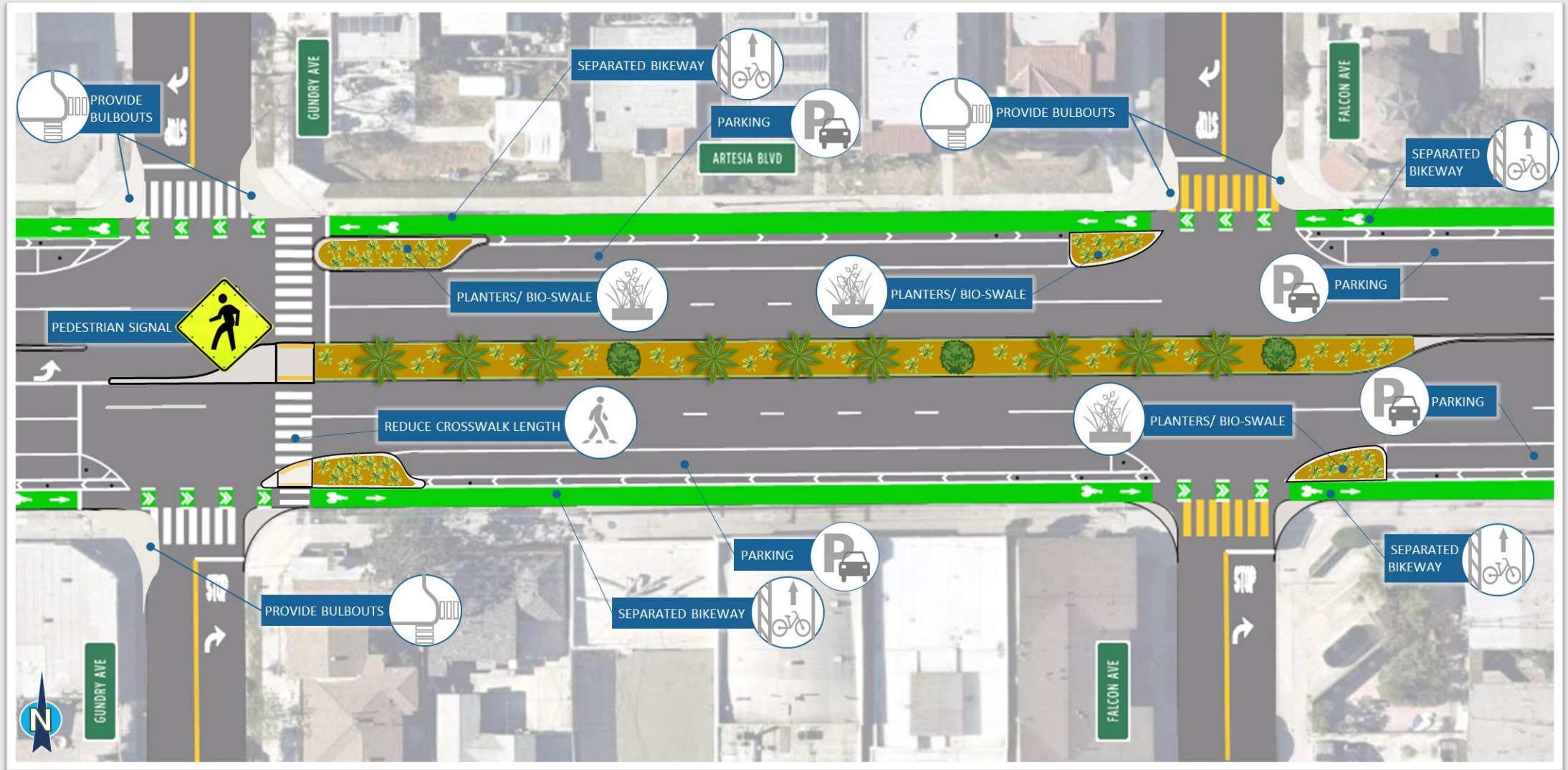
## Vision Concept – Street Character Sketch





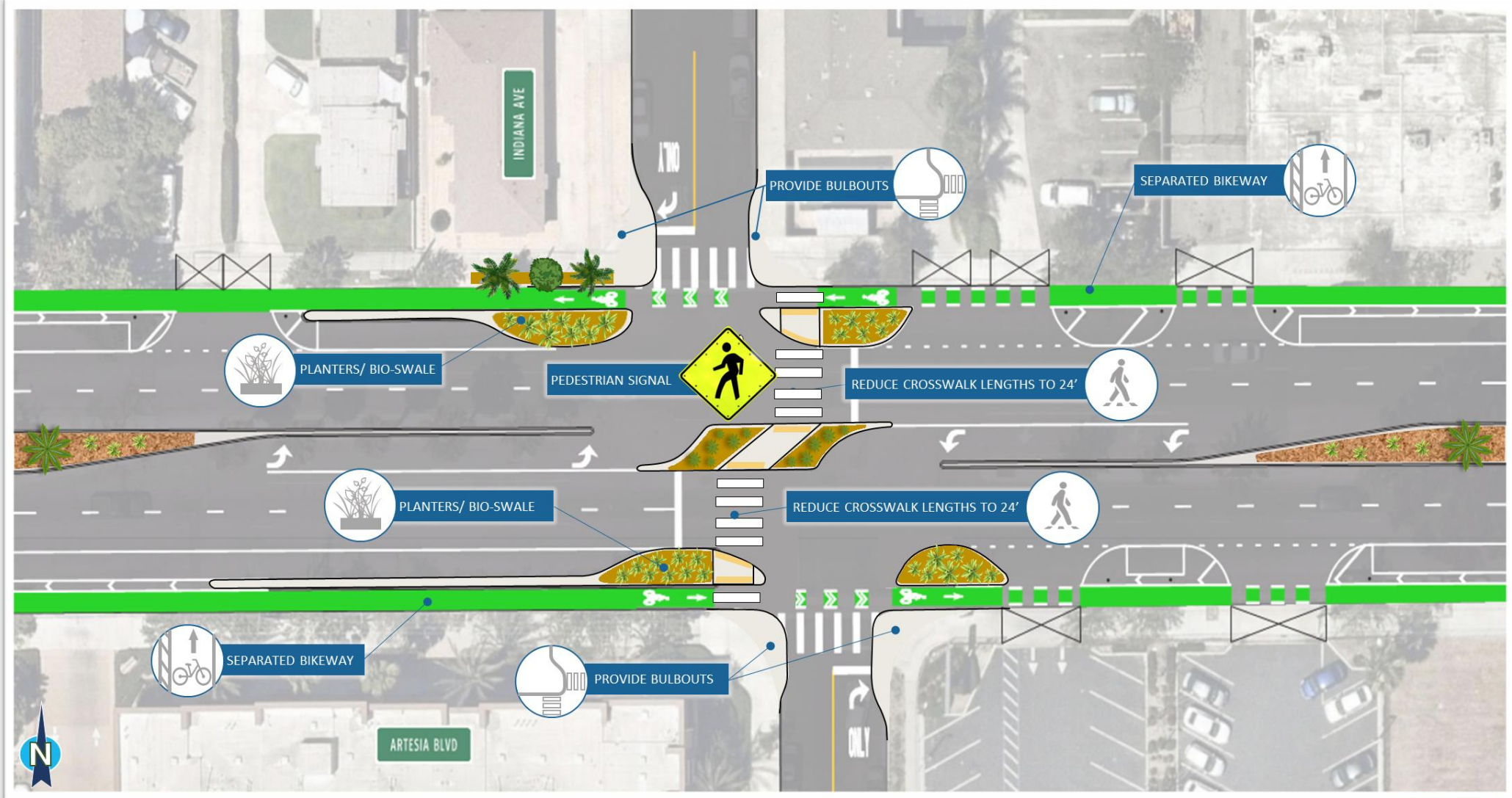
# ARTESIA GREAT BOULEVARD PROJECT

## Vision Concept – Layout Concept at Gundry Avenue and Falcon Avenue



# ARTESIA GREAT BOULEVARD PROJECT

## Vision Concept – Layout Concept at Indiana Avenue



# ARTESIA GREAT BOULEVARD PROJECT

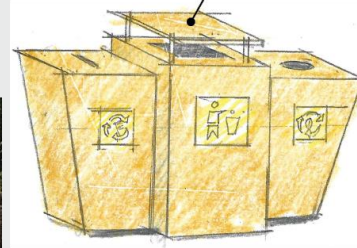
## Vision Concept – Street Furniture



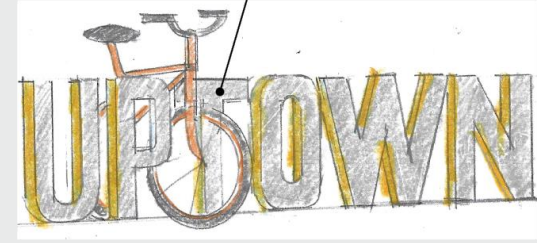
Planter



Bench



Trash / Recycling Receptacles



'Uptown' Bicycle Rack

REMOVABLE LID W/ STEEL CABLE AND TAMPER PROOF BOLT. ACCESS TO REMOVABLE TRASH LINER FOR MAINTENANCE.

GALVANIZED STEEL W/ COLOR POWDER COAT FINISH



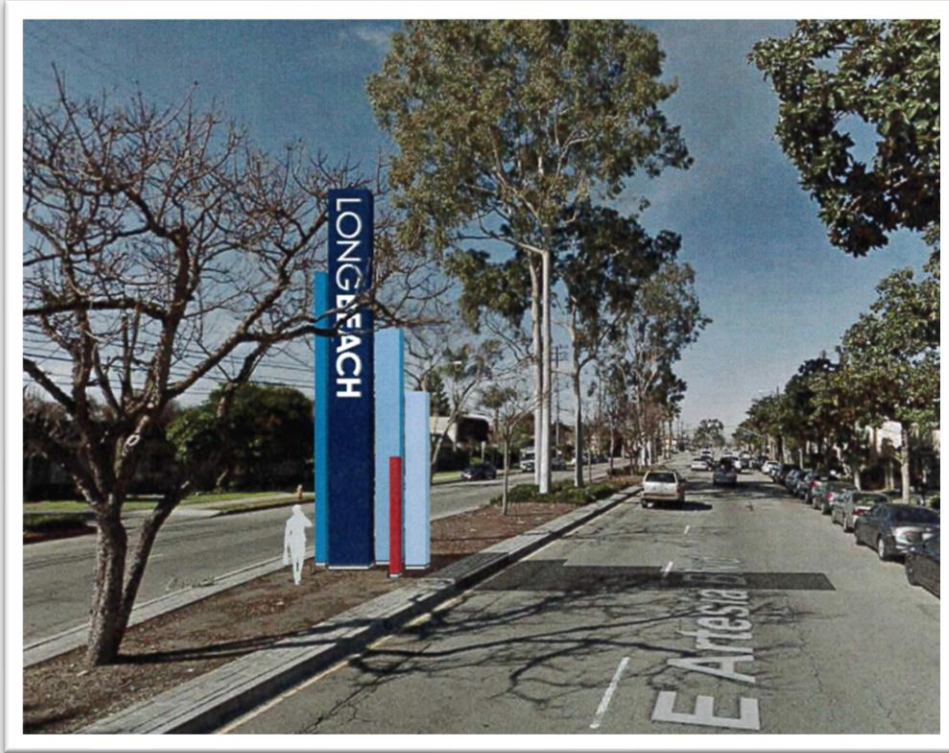
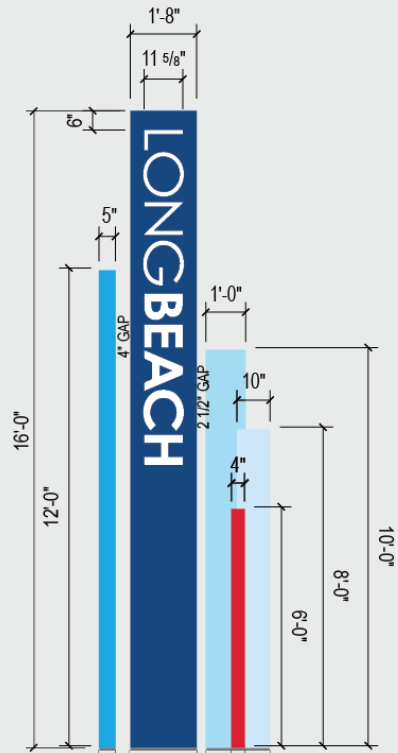
# ARTESIA GREAT BOULEVARD PROJECT

## Vision Concept – Wayfinding Signage – Vertical Gateway Signs



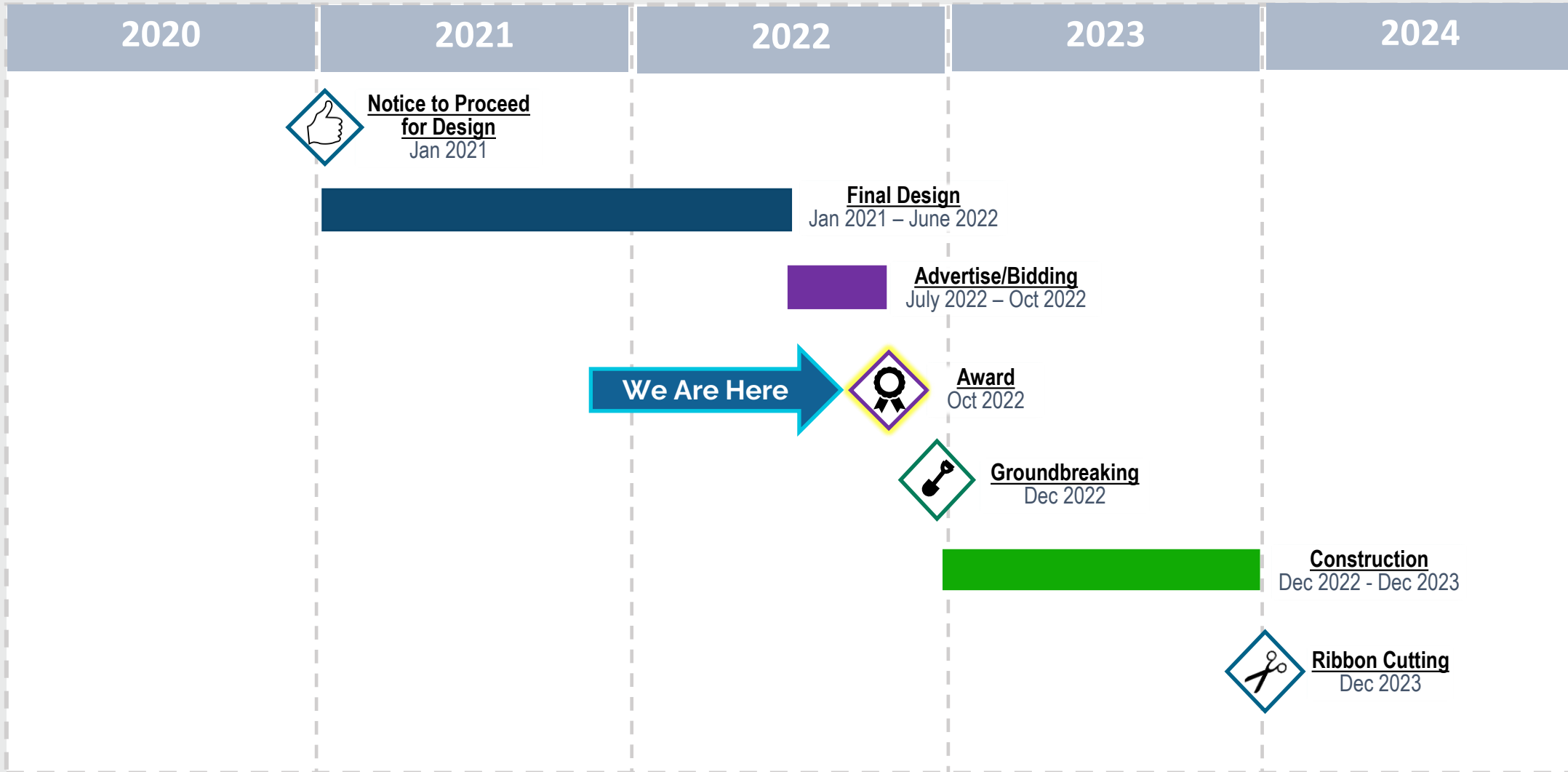
East of Gale

East of Obispo



# ARTESIA GREAT BOULEVARD PROJECT

## Project Schedule



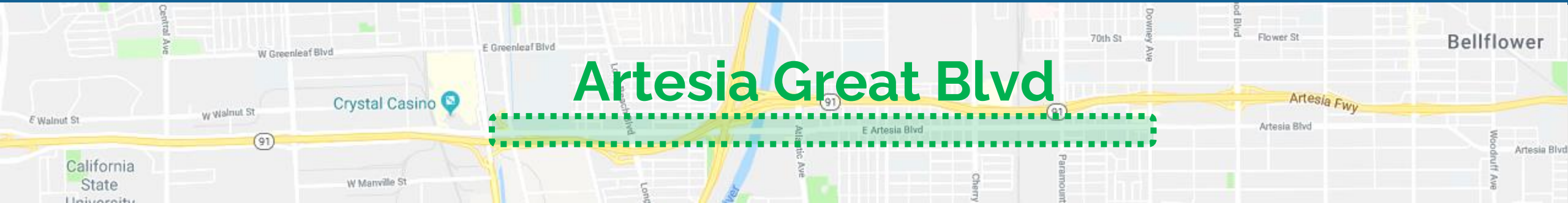
# ARTESIA GREAT BOULEVARD PROJECT

## Construction Cost

CITY OF LONG BEACH		Artesia Great Boulevard Project	
		Granite Construction Bid	
<b>GENERAL</b>			
	<b>SUBTOTAL=</b>	\$	1,867,336
<b>EARTHWORK AND DEMOLITION</b>			
	<b>SUBTOTAL=</b>	\$	2,846,450
<b>ROADWAY</b>			
	<b>SUBTOTAL=</b>	\$	9,579,319
<b>DRAINAGE AND WATER QUALITY</b>			
	<b>SUBTOTAL=</b>	\$	886,170
<b>LANDSCAPE AND IRRIGATION</b>			
	<b>SUBTOTAL=</b>	\$	2,822,101
<b>STREET LIGHTING</b>			
	<b>SUBTOTAL=</b>	\$	1,850,500
<b>SIGNING AND STRIPING</b>			
	<b>SUBTOTAL=</b>	\$	738,680
<b>TRAFFIC SIGNALS AND INTERCONNECT</b>			
	<b>SUBTOTAL=</b>	\$	9,474,440
<b>UTILITIES</b>			
	<b>SUBTOTAL=</b>	\$	394,240
<b>STREET FURNITURE AND MISC ITEMS</b>			
	<b>SUBTOTAL=</b>	\$	1,014,400
	<b>SUBTOTAL=</b>	\$	31,473,636
	<b>MOBILIZATION =</b>	\$	1,584,564
	<b>CONTINGENCY (10%) =</b>	\$	3,292,530
	<b>GRAND TOTAL =</b>	\$	36,350,730

# ARTESIA GREAT BOULEVARD PROJECT

## Project Summary



- ☑ **First Stretch of Artesia Boulevard within the Gateway Region to be Constructed**
- ☑ **Increase capacity along Artesia and enhance connectivity between major trip generators and transportation facilities on this key east-west arterial corridor in the gateway Cities COG**
- ☑ **Improve speed and reliability for east-west general purpose traffic flow in this congested arterial corridor that runs parallel and adjacent to the heavily congested SR-91**
- ☑ **Upgrade traffic signals and provide intersection capacity enhancements along Artesia Blvd**
- ☑ **Improve speed and reliability for buses**
- ☑ **Improve safety for pedestrians and bicyclists by reducing pedestrian crossing distance by installing curb bulbs and by installing protected bike lanes along the corridor**



**Thank you**

**Eric Lopez**  
**Public Works Director**  
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**[eric.lopez@longbeach.gov](mailto:eric.lopez@longbeach.gov)**