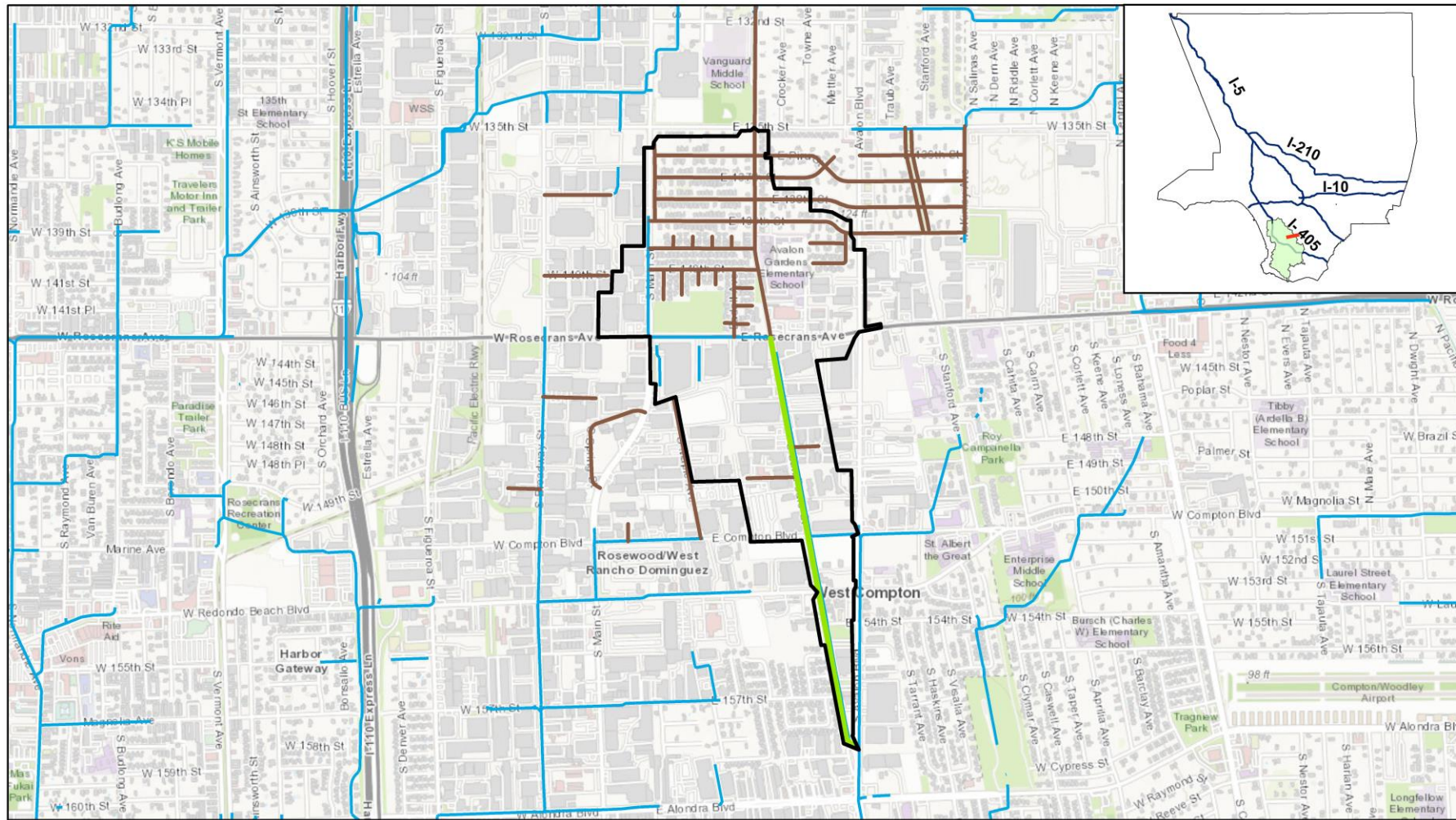
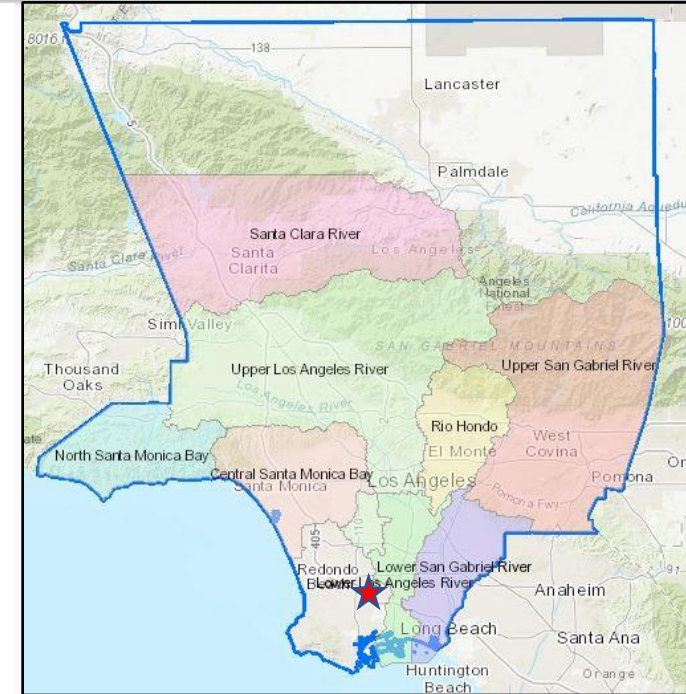


# West Rancho Dominguez – San Pedro St Green Improvement Project Location



**San Pedro Street Green Improvement Project (GS.024)**



## **Project Location**

- South Santa Monica Bay/DC Watershed
- Unincorporated Community of West Rancho Dominguez
- San Pedro St between Rosecrans Ave and Avalon Blvd
- Drainage Area = 278 acres
- Mostly industrial and residential
- Project within DAC



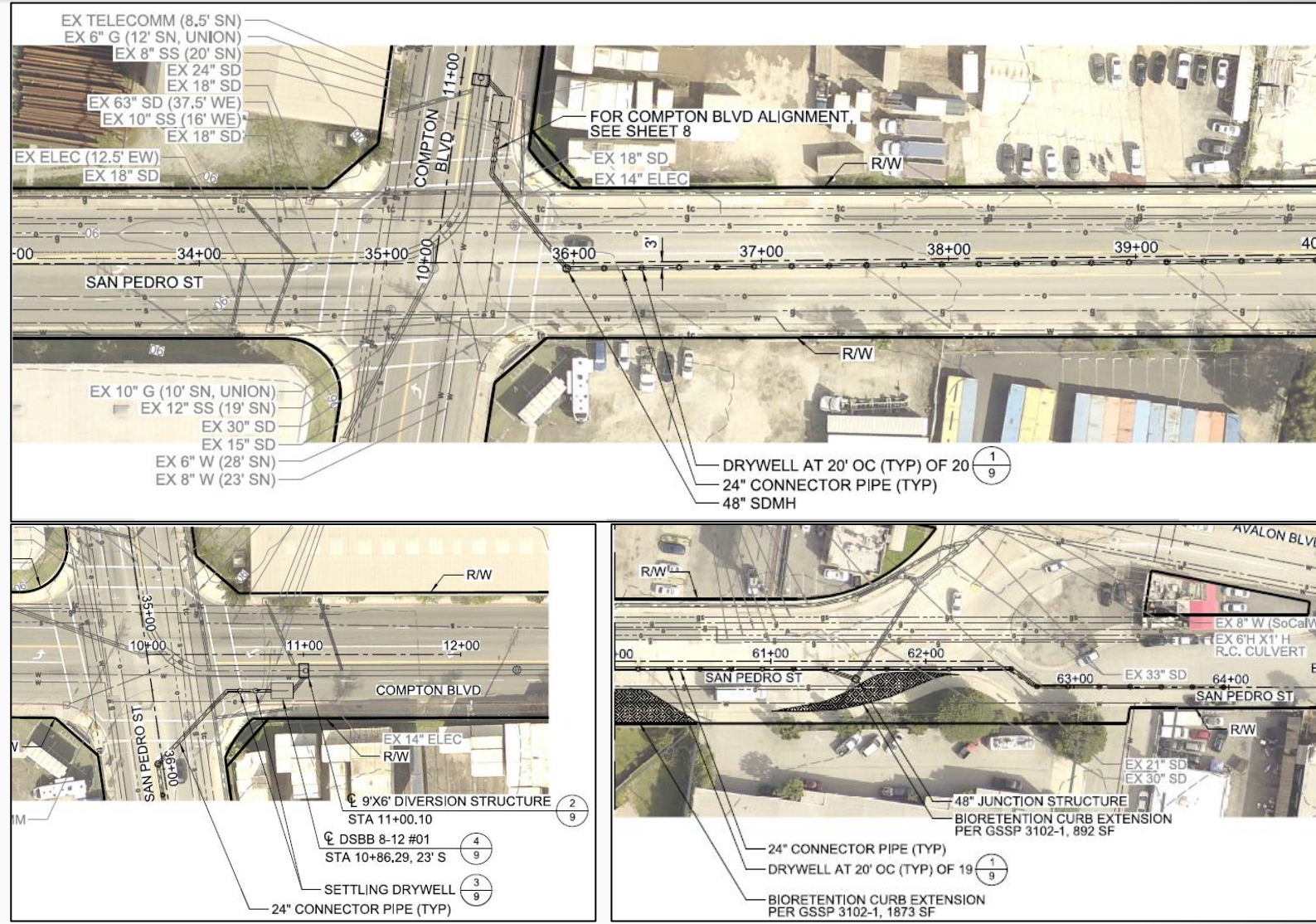
# West Rancho Dominguez – San Pedro St Green Improvement Project Design Elements/Benefits

## Project Design Elements

- ❖ Diversion structure (from main storm drain line)
- ❖ Pretreatment device: debris separating baffle boxes
- ❖ Settling drywell (for additional treatment): 2
- ❖ Drywells (for infiltration): 135
- ❖ Bioretention planters/curb extensions: 5,863 SF
- ❖ **24-hour BMP Capacity  $\geq$  85<sup>th</sup> Percentile, 24-hour storm even runoff volume (12.8 acre-feet)**

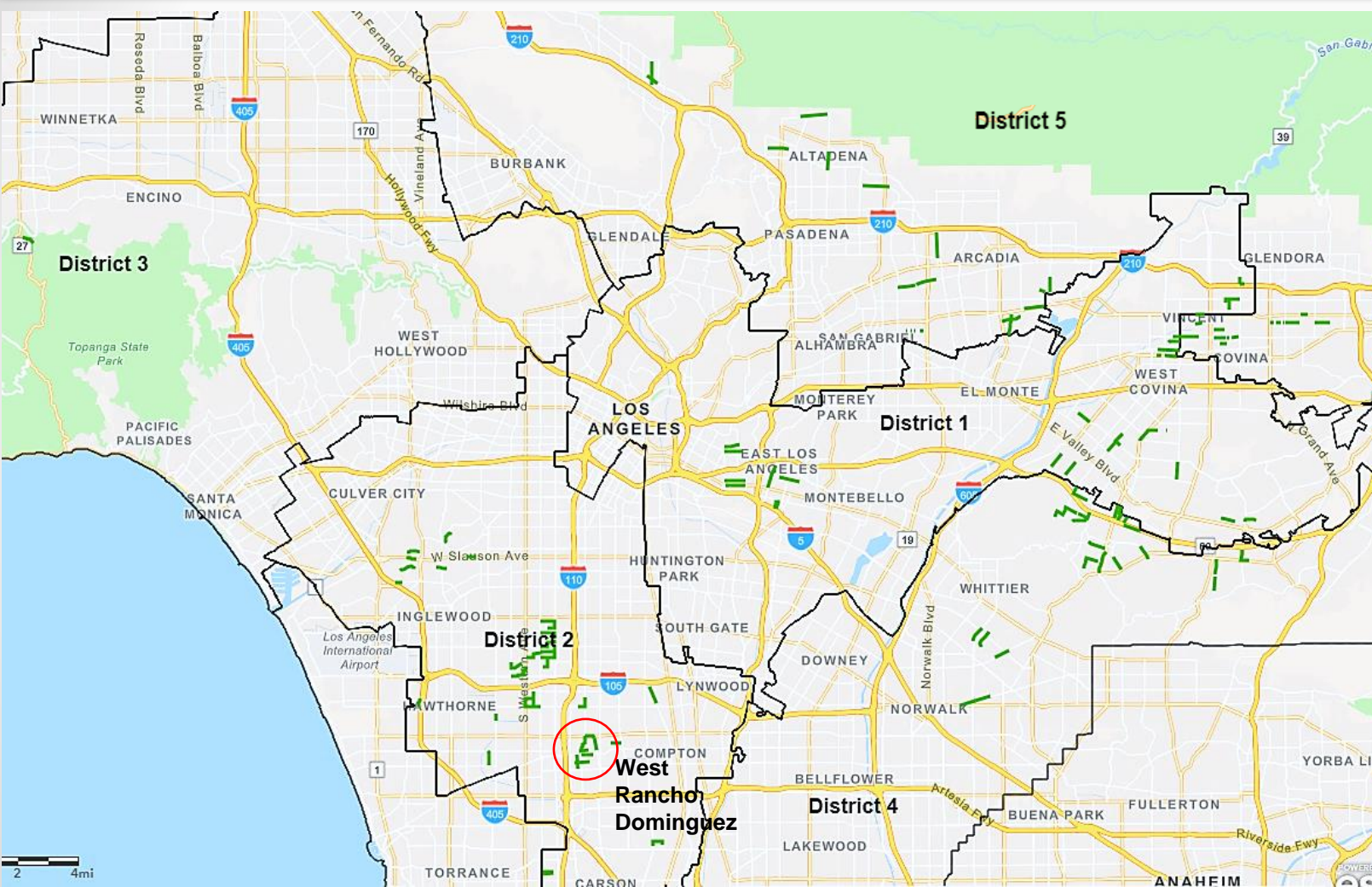
## Project Benefits

- ❖ **Water Quality:** removing pollutants from stormwater before entering Arroyo Seco and Los Angeles River
  - Primary Pollutant: Total Zinc = 81% reduction
  - Secondary Pollutant: Total Cu = 81% reduction
- ❖ **Community Enhancement:**
  - Improve localized flooding
  - Increase vegetation and create new habitat
  - Reduce heat island effect and increase shade
  - Enhance traffic safety





# West Rancho Dominguez – San Pedro St Green Improvement Project Outreach



114 Sites

## Green Street Master Plan

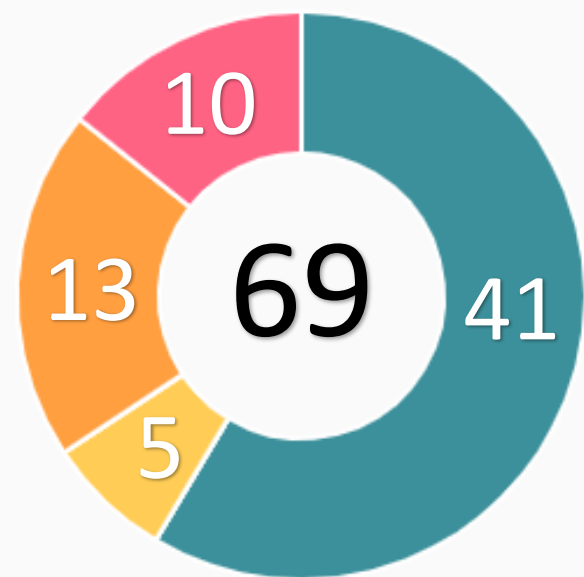
- ❖ Objective: to identify the most strategic and cost-effective locations for green street projects
- ❖ Circulated potential green street sites to the Green Infrastructure Feasibility Team, consisting of numerous divisions within Los Angeles County Public Works and Los Angeles County Parks and Recreation
- ❖ Several sights selected for each Supervisorial District based on the needs of all stakeholders
- ❖ Met with Supervisorial District 2 to identify areas in need of improvement and enhancement
- ❖ Green street site along San Pedro St in the unincorporated community of West Rancho Dominguez selected to move forward with design.

## Future Public Outreach

- ❖ **Community Meetings** will be held during the planning, design, and construction phases of the project to receive feedback from the residents and business to incorporate in design plans. Community meeting scheduled for August 2021
- ❖ **COVID Implications:** due to the recent pandemic, community meetings may be held virtually.

# West Rancho Dominguez – San Pedro St Green Improvement Project Scoring

Water Quality   Water Supply   Community Investment  
Nature-Based Solutions   Funds & Community



Scoring Section	Score	Score Calculation
Water Quality Wet + Dry Weather Part 1	11	12.8 AF/\$21.1M = 0.61 AF capacity/\$-M 0.6-0.8 (acre feet capacity / \$-Million) = 11 points
Water Quality Wet + Dry Weather Part 2	30	Primary Pollutant (Zinc) = 81% > 80% = 20 pts Secondary Pollutant (Cu) = 81% > 80% = 10 pts
Water Supply Part 1	0	Project doesn't claim water supply benefits = 0 pts
Water Supply Part 2	0	Project doesn't claim water supply benefits = 0 pts
Community Investment (CI)	5	Project improves (1) flood management, (2) creates new habitat and wetlands, and (3) reduces heat local island effect = 5 pts
Nature-Based Solutions	13	Project implements natural processes (5 pts), utilizes natural materials (5 pts), and removes 75% of impermeable area (3 pts).
Leveraging Funds Part 1	6	>50% Funding Matched = 6 pts
Leveraging Funds Part 2	4	Letter of support from TreePeople = 4 pts
Totals	69	