

# PROJECT OVERVIEW

## MERCED AVE GREENWAY

**LOCATION:** South El Monte, CA

**PROJECT EXTENT:** 0.65-mile street right-of-way

**DESCRIPTION:** Multi-benefit stormwater capture green street that reduces the number of lanes from four to two and promotes the use of active transit.



### KEY COMPONENTS

- 6,830 ft<sup>2</sup> of bioretention BMPs
- 10,420 ft<sup>2</sup> of permeable pavement
- 1,907 ft<sup>2</sup> of Focal Point biofiltration areas with high-infiltration media
- 25.91 ft<sup>3</sup> of infiltration chambers
- 11,078 ft<sup>2</sup> of planting areas
- 132 native or California-friendly trees
- 1.3 miles of 5-ft wide raised bike lanes

### CONTACTS:

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### STORMWATER BENEFITS

Drainage Management Area: 45.71 acres  
85<sup>th</sup> Percentile Capture Provided By Project: 68,599 ft<sup>3</sup>  
Portion of DMA Managed For The Full 85<sup>th</sup> Percentile: 100%  
Total Average Annual Volume Captured And Treated: 21.5 AFY  
Total Average Annual Volume Infiltrated: 10.26 AFY



### COMMUNITY BENEFITS

New landscaped areas: 57,345 ft<sup>2</sup>  
Canopy cover increase: 71,750 ft<sup>2</sup>  
Carbon sequestration: 532,740 lbs  
GHG O<sub>3</sub> removed: 3,831 lbs  
GHG NO<sub>2</sub> removed: 833 lbs  
GHG SO<sub>2</sub> removed: 22.7 lbs  
PM<sub>2.5</sub> removed: 43.3 lbs  
Electricity saved: 278,570 kWh  
Temperature reduction: 1-2 °C