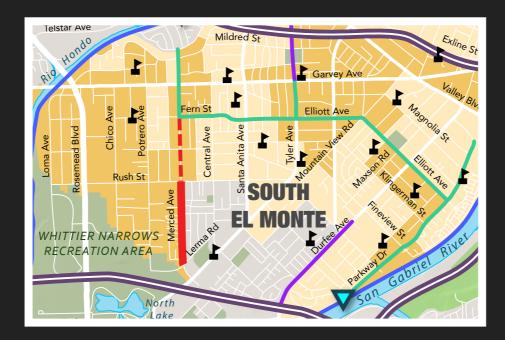
PROJECT OVERVIEW MERCED AVE GREENWAY

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.





STORMWATER BENEFITS

Drainage Management Area: 45.71 acres
85th Percentile Capture Provided By Project: 68,599 ft³
Portion of DMA Managed For The Full 85th 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 ft² Canopy cover increase: 71,750 ft² Carbon sequestration: 532,740 lbs GHG O₃ removed: 3,831 lbs GHG NO₂ removed: 833 lbs GHG SO₂ removed: 22.7 lbs PM_{2.5} removed: 43.3 lbs

Electricity saved: 278,570 kWh Temperature reduction: 1-2 °C

KEY COMPONENTS

- 6,830 ft² of bioretention BMPs
- 10,420 ft² of permeable pavement
- 1,907 ft² of Focal Point biofiltration areas with high-infiltration media
- 25.91 ft³ of infiltration chambers
- 11,078 ft² of planting areas
- 132 native or California-friendly trees
- 1.3 miles of 5-ft wide raised bike lanes

CONTACTS:

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