



### Location

Sidewalk connecting La Fonda Ave to Park Way Ct Santa Cruz, CA

#### Yards Poured

17 yd<sup>3</sup>

### Contractor

Wayne Cochran

# **Project Partners**





## Placement Method

Line pumped 300 feet

## Traffic

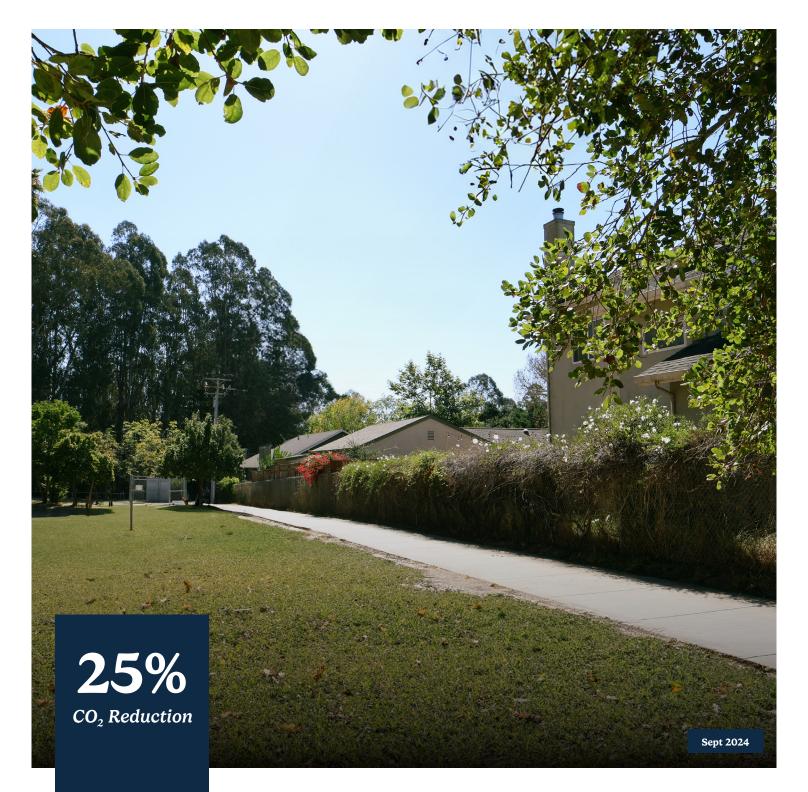
Pedestrian foot traffic. Local school nearby, hundreds of students use the sidewalk daily

## Usage

Sidewalk with medium broom finish

## Ready-Mix Partner







Caltrans and the City of Santa Cruz selected ReAct® Blend, a low CO<sub>2</sub> cement solution, to create a sustainable mix design for a high traffic sidewalk system that students use when walking and biking to school.

Overcast/Sunny | High 70°F Low 54°F | ~60% humidity | 7 - 10 mph winds













# Mix Design

- Total Cementitous Material | 550 lb/yd³
- + W/CM | 0.55
- Cement | Lehigh Permanente Type II/V 70%
- + Fly Ash | SRMG Class F 15%
- ReAct® | Moss Landing Pilot Plant 15%
- Aggregate | 1" x #4 Granite & Natural Sand
- Slump | 4"
- Unit weight | 145 lb/ft<sup>3</sup>
- Design Strength | 3600 psi



