

PINECREST RECREATIONAL AREA

Pinecrest, CA
Stanislaus National Forest



PROJECT/PRODUCT DESCRIPTION:

The Forest Service was initially interested in this technology because PaveDrain is an open joint system (1/4" gap around block) and no aggregates are required. Because of the pine needles in this location, the system can be easily maintained with a vacuum while maintaining high infiltration rates.

PaveDrain is a Permeable Articulated Concrete Block/Mat (P-ACB/M) that provides installation ease and flexibility to meet current and future stormwater management regulations. The PaveDrain system provides infiltration, storage, detention, conveyance and a paving surface all in one. When combined, these features allow for a reduction or elimination in stormwater infrastructure costs while minimizing environmental impact. PaveDrain allows for infiltration rates exceeding 1,500 inches/hour. It is designed for HS-25 loading, so it can be used in parking lots and roadways.

PaveDrain was installed in Pinecrest, California in December 2017. The Probst head excavator attachment allowed for easy placement of the blocks per the layout drawings. Stormwater will now infiltrate directly into the recreational area parking lot. Pine needles that collect between the PaveDrain blocks can be easily removed with a vacuum throughout the summer months.

BENEFITS OF PAVEDRAIN

- **Passes AASHTO HS-25 Truck Loading**
- **ADA Compliant - 1/4" Gap**
- **Massive Infiltration Rate (1,500 in/hr)**
- **Paving, Storage, and Conveyance System**
- **Easy Installation (Hand Placed or Machine Lay)**
- **Open Joint Design (Reduces Clogging)**
- **Low Maintenance**
- **LEED Credits (5.1, 5.2, 6.1, 6.2, 7.1)**

CLIENT NAME:
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INSTALLATION DATE:
December 2017

PROJECT SIZE:
16,200 SF

LOCAL PAVEDRAIN DISTRIBUTOR:



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