Stormwater Demonstration Median

Santa Fe, New Mexico

EPA Region 6 Green Infrastructure & Low Impact Development Poster Competition Winning Entry 2014

The City of Santa Fe is using a street median to show how minimal changes in design and minimal investment in green infrastructure concepts can make a significant difference in stormwater flow. The 640 square foot median, located at St. Michaels Drive and Calle Lorca, Santa Fe, New Mexico, was constructed using recycled materials and planted with native species.

Minimal green infrastructure investment can yield significant stormwater benefits.

The total labor hours to construct were 86 hours and the cost of material was $280. The design, removal, and installation time was less than one week. The initial storm water surge capacity is 750 gallons with total capacity of 1,200 gallons. The project is intended to demonstrate harvesting rainwater that can be used as irrigation on public owned medians. Additional benefits are improving aesthetics, adding green space, managing stormwater runoff, increasing water conservation and ordinance compliance. Santa Fe Parks Division is tasked with monitoring and maintaining weed prevention and irrigation cost savings.

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See the entire project poster. Click here.

Photos courtesy of City of Santa Fe Public Works Department

The completed median project.

This block, recycled from another median, was used to create 50% porous air space. The block is wrapped in filter fabric to prevent dirt infiltration.

EPA United States Environmental Protection Agency

EPA Region 6 seeks to provide information and recognition for green infrastructure projects within our Region. If you would like your project featured, please contact **Suzanna Perea** at 214-665-7217 or perea.suzanna@epa.gov.