



FY 2013-14

GRANT #

TDP12-12-0036

Santa Clara County

Department of Resources Recycling and Recovery

Tire-Derived Product (TDP) Grant Program

Background

The Tire-Derived Product (TDP) Grant Program provides funding to promote markets for recycled-content products derived from waste tires generated in California. In an effort to decrease the environmental impacts created by unlawful disposal and stockpiling of waste tires.

Santa Clara County was awarded Fiscal Year 2013-14 \$149,991 for a weed abatement project.

Pictured above is the new and improved busy expressway median.

Pictured below is the median before the TDP Grant.



Grant Project Goals

The primary goals of this project were:

- Reduce the maintenance costs associated with weed abatement in the median of a busy expressway
- Provide the median with a finished look
- Ensure public safety

Outcome and Accomplishments

- Installation of rubber mulch, a weed control fabric, and permanent wattles around the drains for environmental concerns, and the application of the asphalt emulsion were successful.
- Significant cost savings accomplished since very little weed abatement maintenance will be required.
- To ensure the success of this project, the County will continue to monitor and take appropriate steps, if needed.



Santa Clara County

Department of Resources Recycling and Recovery
Tire-Derived Product (TDP) Grant Program



FY 2013-14

GRANT #

TDP12-12-0036



Recommendations and Lessons Learned

The Roads and Airports Department of Santa Clara County conducted studies and found that low maintenance weed abatement cover was the most suitable material for a busy expressway median. The 3/4" rubber mulch along with an underlying weed cloth was aesthetically more appealing than the original grant approved artificial turf.

A Project Modification Request was submitted to CalRecycle to change the original approved product from artificial turf with rubber infill to 3/4" rubber mulch with weed abatement cover.

Without the approval of the modification, the new material would not have been reimbursable. The City was successful diverting 55,667 PTEs from the waste stream using grant funds and an additional 80,333 PTEs with Santa Clara County funds to achieve a total of 136,000 PTEs.

To address concerns of any potential heavy metals leaching in the drainage system, permanent wattles with metal absorbing compounds were installed around the drain inlets.

Snapshot

Grant Program: Tire-Derived Product Grant Program

Grant Program Website:

<http://www.calrecycle.ca.gov/Tires/Grants/Product/>

Grant Number: TDP12-12-0036

Grant Type: Tire Recycling, Cleanup, and Enforcement Grants

Year Awarded: Fiscal Year 2013-14

Funding: Awarded \$149,991

Grant Manager Contact: Noel.Davis@CalRecycle.ca.gov



Photo Used: Preconstruction of the weed control fabric being placed before the rubber mulch (TDP) infill.

Photo Used: Measurements being taken of the rubber mulch (above) to ensure even disbursement throughout the median