



A Tradition of Stewardship
A Commitment to Service

Agenda Date: 2/5/2019

Agenda Placement: 6B

NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

TO: Board of Supervisors

FROM: Steven Lederer - Director of Public Works
Public Works

REPORT BY: Graham Wadsworth, Engineering Supervisor - 259-8331

SUBJECT: Accept CalRecycle Grant and Approve Signature Authority

RECOMMENDATION

Director of Public Works requests adoption of a resolution to:

1. Accept a \$510,082 CalRecycle Tire-Derived Aggregate Grant for various County projects, including the Devlin Road Segment E Project (RDS 11-06);
2. Authorize the submittal of future grant applications to CalRecycle Tire-Derived Aggregate Grant Program; and
3. Authorize the Director of Public Works or designee to execute any necessary documents related to CalRecycle Tire-Derived Aggregate grants.

EXECUTIVE SUMMARY

The California Department of Resources Recycling and Recovery (CalRecycle) administers tire grant programs to provide opportunities to divert waste tires from landfill disposal, prevent illegal tire dumping, and promote markets for recycled-content tire products. The Tire-Derived Aggregate (TDA) Grant Program provides assistance to civil engineers in solving a variety of engineering challenges. TDA, which is produced from shredded tires, is lightweight, free-draining, and a less expensive alternative to conventional lightweight fill aggregates.

Napa County was awarded grant funds to utilize TDA materials as roadway fill for the Devlin Road Segment E Project and potentially other future retaining wall or road repair projects. This resolution is to allow the Director of Public Works or designee to execute the Grant Agreement, sign grant related documents, and apply for future grant funding.

FISCAL IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	No
What is the revenue source?	The immediate use of the TDA Grant is for the Devlin Road Segment E Project (RDS 11-06). Staff will be requesting to adjust the budget at the time the construction contract is awarded and the grant will be included as part of the revenue. The Devlin Road Segment E Project is funded by Traffic Mitigation Fee revenue and the TDA Grant will supplement the Project budget.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	The use of CalRecycle grant funds will allow the Devlin Road Segment E Project to reduce the County funds necessary to complete the project and supports the environmentally preferred purchasing policy.
Is the general fund affected?	No
Future fiscal impact:	Minor amount of future Roads funds are necessary for maintenance of the projects. Studies by CalRecycle show that the use of TDA as a fill material does not change the long term maintenance costs.
Consequences if not approved:	The Devlin Road Segment E Project has been advertised to bidders, and, if the resolution is not approved, then the County will forfeit the grant funds and the project will have to be redesigned to eliminate the TDA fill.
Additional Information:	It is estimated that approximately 400,000 fewer tires will be disposed of at landfills by using over 4,000 tons of TDA on the County projects.

ENVIRONMENTAL IMPACT

ENVIRONMENTAL DETERMINATION: The proposed action is not a project as defined by 14 California Code of Regulations 15378 (State CEQA Guidelines) and therefore CEQA is not applicable.

BACKGROUND AND DISCUSSION

The State of California, Department of Resources Recycling and Recovery (CalRecycle) administers tire grant programs to provide opportunities to divert waste tires from landfill disposal, prevent illegal tire dumping, and promote markets for recycled-content tire products. The Tire-Derived Aggregate (TDA) Grant Program provides assistance to civil engineers in solving a variety of engineering challenges. TDA, which is produced from shredded tires, is lightweight, free-draining, and a less expensive alternative to conventional lightweight aggregates.

On February 4, 2014, the Board of Supervisors adopted a resolution authorizing the Director of Public Works to submit grant applications to CalRecycle and execute all grant documents necessary to secure grant funds and implement approved grant projects. The authorizations are effective for five years from the date of adoption of the resolution. Approval of the proposed resolution will extend the authorization for an additional five years and limit authorization to the Tire-Derived Aggregate Grant Program.

On December 11, 2018, Napa County was awarded \$510,082 in grant funds to utilize TDA materials as roadway fill for the Devlin Road Segment E Project and potentially for other future retaining wall or road repair projects. The use

of the TDA material is appropriate for use in the Projects and will reduce the amount of import soil or permeable material required for the projects. The TDA grant funds will be used to purchase and place approximately 4,000 tons of recycled tire aggregate, which is equivalent to approximately 400,000 tires. Specifically, the Devlin Road Segment E Project (RDS 11-06) is designed to incorporate TDA fill and the project is out for bid.

This resolution will allow the Director of Public Works or designee to execute the Grant Agreement, sign grant related documents, and apply for future TDA grant funding. Project design and construction funding would be approved in a separate action.

SUPPORTING DOCUMENTS

A . Resolution

CEO Recommendation: Approve

Reviewed By: Leigh Sharp