



**RESOURCE  
MANAGEMENT AGENCY  
COUNTY OF TULARE  
AGENDA ITEM**

**BOARD OF SUPERVISORS**

ALLEN ISHIDA  
District One  
CONNIE CONWAY  
District Two  
PHILLIP A. COX  
District Three  
J. STEVEN WORTHLEY  
District Four  
MIKE ENNIS  
District Five

**AGENDA DATE:** March 18, 2008 - **REVISED**

Public Hearing Required	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
Scheduled Public Hearing w/Clerk	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
Published Notice Required	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
Advertised Published Notice	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
Meet & Confer Required	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
Electronic file(s) has been sent	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
Budget Transfer (Aud 308) attached	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
Personnel Resolution attached	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
Resolution, Ordinance or Agreements are attached and signature line for Chairman is marked with tab(s)/flag(s)						
	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
CONTACT PERSON: Celeste Perez    PHONE: 559-733-6291						

**SUBJECT:** Targeted Rubberized Asphalt Concrete Incentive Grant

**REQUEST(S):**

That the Board of Supervisors:

1. Authorize the submittal of the grant application to the California Integrated Waste Management Board (CIWMB), Targeted Rubberized Asphalt Concrete Incentive, in the amount of \$175,000 for the overlay of Avenue 256 from Road 116 (State Route 63) to Road 140.
2. Authorize the Chairman to sign all grant related documents, subject to County Counsel approval to form.

**SUMMARY:**

The Resource Management Agency (RMA) is requesting funding from the California Integrated Waste Management Board (CIWMB) under their Targeted Rubberized Asphalt Concrete Incentive Grant Program. This will be for the overlay of a three mile section of Avenue 256 from Road 116 (State Route 63) to Road 140.

The objective of the Targeted Rubberized Asphalt Concrete Incentive (TRI) grant program is to introduce first-time or limited users to Rubberized Asphalt Concrete (RAC). This grant program covers the additional costs of using RAC up to \$175,000.

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This program does not cover the total cost of the project; it is an incentive to encourage public works departments to try out RAC material for road maintenance. It is estimated that one mile of RAC overlay diverts 8,000 tires out of California landfills.

RAC has been used successfully on State Highways by Caltrans in Tulare County.

According to the suppliers, the advantages of using RAC materials include the following:

1. a quieter ride,
2. increased surface life,
3. less surface weight, and
4. RAC sheds water off the surface better.

RAC has never been used on local roads in Tulare County by RMA due to the increased cost of the material (about \$30 – \$50 per ton more.)

The project is required to use a minimum of 3,500 tons of RAC. RMA engineers have calculated that the overlay of three mile section of Avenue 256 will require over 5,800 tons of RAC, which is a sufficient quantity to get the volume pricing from the plant. However, if the cost difference using RAC versus conventional Asphalt Concrete (AC) exceeds the estimated \$175,000 then the scope of the project may be reduced.

RMA has been researching the product and has determined a project location as a test site for the material. The project will be a combination of RAC and AC. The initial grinding and patching of the existing surface will be done using ordinary AC. The top (riding) surface will consist only of RAC material. We have a preliminary engineer's estimate of \$1.4 million for this project. The major portion of these costs will be covered out of Federal Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), Farm-to-Market Funds.

### **FISCAL IMPACT/FINANCING:**

The TRI grant award is based on the cost difference of using RAC vs. conventional Asphalt Concrete, tonnage of RAC used, and project testing costs.

The additional cost of using RAC will be reimbursed up to a maximum amount of \$175,000. The balance (\$1,225,000) of the project cost will be covered out of Federal SAFETEA-LU, Farm-to-Market Funds. Funding for this expenditure is included in the 2007/08 Road Budget Account No. 014-225-2300-2150. There is no net County cost.

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**LINKAGE TO THE COUNTY OF TULARE STRATEGIC BUSINESS PLAN:**

This project links to Quality of Life: By choosing recycled-content products for road applications, we are helping to protect the environment by diverting tire waste out of California landfills.

**ALTERNATIVES:**

Do not apply for the Incentive Grant and do the road repairs with a conventional asphalt concrete overlay.

**INVOLVEMENT OF OTHER DEPARTMENTS OR AGENCIES:**

County Counsel to review the State contract when received.

**ADMINISTRATIVE SIGN-OFF:**

  
\_\_\_\_\_  
Jean Brou  
Assistant Director – Transportation

  
\_\_\_\_\_  
Henry Hash  
Director

cc: Auditor/Controller  
County Counsel  
County Administrative Office (3)

Attachment(s)

Targeted Rubberized Asphalt Concrete Incentive Grant

**BEFORE THE BOARD OF SUPERVISORS  
COUNTY OF TULARE, STATE OF CALIFORNIA**

IN THE MATTER OF \_\_\_\_\_ )  
TARGETED RUBBERIZED ASPHALT )      RESOLUTION NO. \_\_\_\_\_  
CONCRETE INCENTIVE GRANT      )      AGREEMENT NO. \_\_\_\_\_

UPON MOTION OF SUPERVISOR \_\_\_\_\_,      SECONDED      BY  
SUPERVISOR \_\_\_\_\_, THE FOLLOWING WAS ADOPTED BY THE  
BOARD OF SUPERVISORS, AT AN OFFICIAL MEETING HELD \_\_\_\_\_  
\_\_\_\_\_, BY THE FOLLOWING VOTE:

AYES:  
NOES:  
ABSTAIN:  
ABSENT:

ATTEST:    JEAN ROUSSEAU  
              COUNTY ADMINISTRATIVE OFFICER  
              CLERK, BOARD OF SUPERVISORS

BY: \_\_\_\_\_  
   Deputy Clerk

\* \* \* \* \*

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2. Authorized the Chairman to sign all grant related documents, subject to County Counsel approval to form.

**TARGETED RAC INCENTIVE GRANT PROGRAM  
APPLICATION COVER SHEET**

<b>APPLICANT / ORGANIZATION INFORMATION</b>					
APPLICANT / ORGANIZATION NAME: <b>Tulare County Resource Management Agency</b>		REQUESTED GRANT AMOUNT:	<b>\$175,000</b>		
MAILING ADDRESS: <b>5961 So. Mooney Blvd.</b>					
CITY: <b>Visalia</b>		COUNTY: <b>CA</b>	ZIP CODE: <b>93277</b>		
PRIMARY CONTACT NAME: <b>Henry Hash</b> TITLE: <b>Director</b>		SIGNATURE AUTHORITY (PER RESOLUTION) NAME: <b>Connie Conway</b> <b>Chairman, Board of Supervisors</b>			
TELEPHONE NUMBER: <b>(559)733-6291</b>		TELEPHONE NUMBER: <b>(559) 733-6271</b>			
FAX NUMBER: <b>(559)730-2653</b>		FAX NUMBER: <b>(559) 733-6898</b>			
E-MAIL ADDRESS: <b>Hhash@co.tulare.ca.us</b>		E-MAIL ADDRESS: <b>Cconway@co.tulare.ca.us</b>			
INDICATE WHICH TYPE OF ENTITY YOU ARE (CHECK ONLY ONE): <input type="checkbox"/> CITY <input checked="" type="checkbox"/> COUNTY <input type="checkbox"/> CITY & COUNTY					
LEGISLATIVE DISTRICT NUMBERS ASSEMBLY:                      SENATE: <b>21</b> <b>16</b>		FEDERAL TAX IDENTIFICATION NUMBER: <b>94-6000545</b>			
<b>PROJECT INFORMATION</b>					
LOCATION (E.G., CITY/TOWN, INTERSECTION): <b>Avenue 256, Visalia, CA</b>					
LIMITS (E.G. POSTMIL OF POINT A TO POINT B): <b>Road 116 (Mooney Blvd) to Road 140 (Lovers Lane)</b>					
LENGTH OF PAVING: <b>3.0 Miles</b>		WIDTH OF PAVING: <b>32 Feet</b>			
DEPTH/THICKNESS OF PAVING: <b>0.15'</b>		TONS OF RAC USED: <b>5,800</b>			
PROPOSED CONSTRUCTION START DATE:					
<b>GRANT FUNDS REQUESTED</b>					
AMOUNT OF RAC (TONS) <b>5,800</b>	<b>X</b>	DIFFERENTIAL COST OF RAC (PRICE OF RAC MINUS PRICE OF AC) \$/TON <b>\$30/TON</b>	<b>+</b>	TESTING COST <b>\$1,000</b>	TOTAL <b>\$175,000</b>
<b>MATERIAL COST INFORMATION</b>			<b>TESTING COST INFORMATION</b>		
<input checked="" type="checkbox"/> HISTORICAL COST <input type="checkbox"/> BID COST CONVENTIONAL AC <b>\$ 80 / TON</b> ASPHALT RUBBER <b>\$ 110 / TON</b>			<input checked="" type="checkbox"/> HISTORICAL COST <input type="checkbox"/> BID COST DEFLECTION TESTING \$ QA/QCV TESTING <b>\$ 1,000</b>		
<b>PROJECT HISTORY (LIST CONSECUTIVELY; LIST ADDITIONAL PROJECTS ON SEPARATE SHEET AND ATTACH)</b>					
<b>PROJECT DATE</b>	<b>PROJECT LOCATION</b>			<b>YEAR OF COMPLETION</b>	

**ENVIRONMENTAL JUSTICE**

Public entities that receive grant funding from CIWMB for this grant program must comply with the following principles of Environmental Justice. Environmental Justice is defined in Government Code Section 65040.12(c) as: "...the fair treatment of people of all races, cultures, and incomes with respect to the development, adoption, implementation, and enforcement of environmental laws, regulations, and policies." Public Resources Code Sections 72000(a) and 72001 broadly require all California Environmental Protection Agency boards, departments, and offices to conduct their "programs, policies, and activities that substantially affect human health or the environment in a manner that ensures the fair treatment of people of all races, cultures, and income levels, including minority populations and low-income populations of the state."

Please check the box and initial

\_\_\_\_\_ Applicant will comply with the principles of Environmental Justice as described above.

**CALIFORNIA TIRE RUBBER CERTIFICATION**

Please check the box and initial

\_\_\_\_\_ Applicant certifies that all crumb rubber used in the aforementioned project will be derived from California used and waste tires

***Certification: I declare, under penalty of perjury, under the laws of the State of California, that all information submitted for CIWMB's consideration for award of grant funds is true and accurate to the best of my knowledge.***

**X**

*Signature Authority (as authorized in Resolution)*

*Date*

*Type or Print Name and Title*