



CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
Integrated Waste Management Board (CIWMB)

Rubberized Asphalt Concrete (RAC) Grant Programs
 Targeted Rubberized Asphalt Concrete Incentive
 Rubberized Asphalt Concrete Use
 Rubberized Asphalt Concrete Chip Seal

APPLICATION GUIDELINES & INSTRUCTIONS

Fiscal Year (FY) 2008/09



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GRANT PROGRAM OVERVIEW AND GUIDELINES

The Rubberized Asphalt Concrete (RAC) Grant Programs provide assistance to eligible applicants to fund RAC projects, including hot mix and chip seal. The Programs are designed to promote markets for recycled-content surfacing products derived from recycled California-generated waste tires.

The **Targeted Rubberized Asphalt Concrete Incentive (Targeted) Grant Program** is for those eligible applicants that have received three or fewer RAC grants from the California Integrated Waste Management Board (CIWMB or Board). Project funding depends on the number of previous grants received from the CIWMB.

The **Rubberized Asphalt Concrete Use (Use) Grant Program** is for those eligible applicants that have received four or more RAC grants from the CIWMB. Project funding is based on \$5 per ton of RAC used.

The **Rubberized Asphalt Concrete Chip Seal (Chip Seal) Grant Program** is for those eligible applicants wanting to install a rubberized chip seal project. Project funding depends on the number of previous CIWMB Chip Seal grants received.

ELIGIBILITY

Applicants

Eligible applicants are “Local Governments” (cities and counties) as defined in Public Resources Code Section 48617 and Qualifying Indian Tribes. A “Qualifying Indian Tribe” is defined as an Indian tribe, band, nation or other organized group or community, residing within the borders of California, which: (1) is recognized for special programs and services provided by the United States to Indians because of the status of its members as Indians; or (2) which can establish that it is a government entity and which meets the criteria of the grant program.

Projects

All projects are subject to the following requirements:

- One hundred percent (100%) California waste tires must be used in the rubber portion of the project(s).
- Reimbursement will not exceed the amount stated on the grant agreement cover page.
- Construction of the RAC portion of any project must commence on or after receipt of Notice to Proceed and be completed by April 1, 2011.

Additionally, the following are project requirements specific to the individual RAC programs indicated:

Targeted RAC Incentive Grant Program

- RAC material must meet American Society for Testing and Materials (ASTM) D 6114-97(2002) “Standard Specification for Asphalt-Rubber Binder.”
- Project(s) must use a minimum of 3,500 tons of RAC.

RAC Use Grant Program

- Project(s) must use a minimum of 20 pounds of crumb rubber per ton of hot mix.
- Project(s) must use at least 1,250 tons of RAC hot mix.

RAC Chip Seal Grant Program

- RAC chip seal material must contain a minimum of 300 pounds (equivalent to 15% by weight) of tire-derived crumb rubber per ton of rubberized binder.

- Project(s) must use a minimum area of 35,000 square yards of RAC chip seal material.

AVAILABLE FUNDS

Total funding is subject to passage of the Fiscal Year (FY) 2008/09 Budget Act, availability of funds and is anticipated to be:

\$2,250,000 for the Targeted Grant Program

\$2,520,583 for the Use Grant Program

\$3,250,000 for the Chip Seal Grant Program

The funding of project(s) is based on the amount of RAC material used, eligible testing costs, and number of previous CIWMB grants received. Applicants may apply for funding for a single project or may include two or more projects of the same type (i.e., Targeted/Use or Chip Seal) in their applications, which can be combined into a single grant of that type. The maximum grant is \$250,000. Eligible applicants may apply for one Targeted or Use and one Chip Seal grant in the same consolidated application for a maximum request of \$500,000.

Applicants that have been awarded grants are not eligible to apply for the same grant program in the same or following fiscal year. For example:

- An eligible applicant who receives a Targeted or Use and Chip Seal grant in FY 2008/09 is not eligible to apply for another Targeted or Chip Seal grant in FYs 2008/09 or 2009/10; but may apply in FY 2010/11.
- Eligible applicants who receive a Targeted or Use grant may apply for a Chip Seal Grant (or who receive a Chip Seal grant may apply for a Targeted or Use grant), in the same or following fiscal year.
- Notwithstanding the eligibility limitations based on award dates as stated above, eligible applicants with an existing RAC grant prior to August 2008 are eligible to apply for a Targeted or Use and Chip Seal grant in FY 2008/09, but are thereafter subject to the eligibility limitations.

Reimbursement will be based on the following:

Category / Grant Program	Number of CIWMB RAC Grants Received in Past	Grant Award Basis
1 - Targeted	0	Total grant award is based on a 100% differential reimbursement rate
2 - Targeted	1	Total grant award is based on a 70% differential reimbursement rate
3 - Targeted	2-3	Total grant award is based on a 40% differential reimbursement rate
4 - Use	4+	Total grant award is based on a reimbursement rate of \$5.00 per ton of RAC used
5 - Chip Seal	0-2	Total grant award is based on \$1.00 per square yard reimbursement rate
6 - Chip Seal	3+	Total grant award is based on \$0.20 per square yard reimbursement rate

ELIGIBLE COSTS

Eligible costs are expenditures incurred during the term of the grant project (beginning after the date indicated in the Notice to Proceed (NTP), which the grantee will receive from the CIWMB, through April 1, 2011), directly related to the installation and/or quality assurance, quality control testing of the RAC or chip seal material and approved by the CIWMB Grant Manager.

INELIGIBLE COSTS

Ineligible costs include, but are not limited to, the following:

- Costs incurred for projects that start construction of the RAC paving prior to the NTP date, or end construction after April 1, 2011;
- Projects utilizing tire rubber material that is not made from 100% California waste tires or that use truck tire buffing material;
- Projects using less than the amount of crumb rubber, tonnage of RAC or yardage of chip seal material, as specified in Project Requirements;
- In the case of the Targeted Grant Program, RAC material not meeting ASTM D6114-97(2002) specifications; and
- Any other costs deemed unreasonable or unrelated to the purpose of the grant by the CIWMB Grant Manager.

Detailed cost information is included in Exhibit B – Procedures & Requirements of the Grant Agreement. See <http://www.ciwmb.ca.gov/Tires/Grants/RAC/FY200809/default.htm> to download a draft of the Procedures & Requirements.

GRANT TERM

The term of the grant is approximately two years. The official start date for each grant will commence upon the date indicated in the NTP, which the grantee will receive from the CIWMB after the Grant Agreement has been fully executed by both parties. The effective date of the NTPs will be the date the grant is conditionally awarded by the Board. Grantees will be notified when the Board has conditionally awarded them a RAC grant. All grant awards are contingent upon certain factors, which will be set forth in detail in the notice, and grantees may choose, at their own risk, to incur grant-eligible expenses after the award of the grant and prior to receipt of the Notice to Proceed. The grant term for all RAC grants awarded in FY 2008/09 is from the NTP date through April 1, 2011.

QUESTION AND ANSWER PROCESS

Questions for the RAC Grant Program application should be directed to grants@ciwmb.ca.gov or mailed to the address above no later than the following dates:

October 8, 2008 for applications due October 31, 2008
January 7, 2009 for applications due January 30, 2009

Questions and answers (Q&A) will be posted periodically during the Q&A period on this site. It is the applicant's responsibility to check the website regularly to ensure that they are aware of all program details. Similar or related questions may be grouped together or reworded for clarity and responded to as one question.

APPLICATION DEADLINE AND SUBMITTAL

Applications must be postmarked by the due dates listed below or hand-delivered and received (see address below) no later than 3:00 p.m. on the following dates:

October 31, 2008 and/or January 30, 2009

Faxed or e-mailed applications will not be accepted. Late applications will be disqualified and will not be considered for grant funding.

Applications may be mailed or hand-delivered to the appropriate address listed below:

By U.S. Postal Service:

California Integrated Waste Management Board
Attention: RAC Grant Programs
Financial Assistance Division, 9th Floor
P O Box 4025
Sacramento, CA 95812-4025

By commercial carrier or hand-carried:

California Environmental Protection Agency
California Integrated Waste Management Board
Attention: RAC Grant Programs
Financial Assistance Division, 9th Floor
1001 "I" Street
Sacramento, CA 95814

Applications sent by U.S. Postal Service or a commercial delivery service should be sent by a means that allows for tracking by the sender and that provides for an addressed and dated receipt. Failure to send the application in this manner is at the risk of the applicant and if delivery is delayed or the application is lost by the Post Office or delivery service, the burden is on the applicant to demonstrate timely mailing or delivery of the application.

GRANT APPLICATION REVIEW PROCESS

After the close of the application period, CIWMB staff will review the grant applications and determine whether the applicant and project are eligible and determine a recommended funding amount.

Applicants may request funding for multiple projects of the same type (Targeted/Use or Chip Seal) in a single application. Movement from one priority category to the next is based on the number of CIWMB-funded grants, not necessarily the number of individual projects.

If any one RAC grant program receives more requests for funding than provided for with available monies (i.e., if the program is oversubscribed), staff will use the following process to prioritize funding decisions:

1. In the event of any ties within any of the grant programs, the following tiebreakers will be applied in sequential order:
 - a. Eligible applicants that propose to use the greatest amount of crumb rubber material in their project(s). (applies to all categories)
 - b. The jurisdiction from which the first complete grant application is received will receive higher ranking. (only applies to categories 1-3)
 - c. The jurisdiction with the fewest total projects will receive higher ranking. (only applies to categories 4-6)
2. If a tie still exists after applying the tiebreakers above, then the available funding will be split between the applicants.

GRANT AWARD PROCESS

For qualifying applications, CIWMB staff will develop funding recommendations for the Board's consideration and approval during its monthly Committee/Board meetings tentatively scheduled for: January and April 2009. The CIWMB reserves the right to partially fund or fund individual phases of selected proposals, and the Board may fund an amount less than requested. In the event CIWMB awards only a portion of an applicant's grant request, CIWMB staff will incorporate additional conditions or amend the Grant Agreement.

The CIWMB reserves the right to not award any grant funds under these programs. In addition, CIWMB reserves the right to not award any grant funds under one or more cycles.

GRANT AWARDS CONDITIONS

The Board awards these Grants subject to two conditions:

1. Payment by the proposed grantee of any outstanding debts, or bringing current outstanding payments, owed to the CIWMB within 90 days of the date of the award, and
2. Returning the executed Grant Agreement within 90 days of mailing of the Grant Agreement by the CIWMB.

Grantees who meet these conditions will be issued an NTP upon execution of the Grant Agreement by both the grantee and the CIWMB. Grants for proposed grantees who do not meet these conditions will not be funded.

Failure to comply with either requirement will render the grant award null and void.

TENTATIVE TIMELINE FOR RUBBERIZED ASPHALT CONCRETE GRANT PROGRAMS (Two Application Periods)

Date	Activity
1 – October 8, 2008 2 – January 7, 2009	Question and Answer Period Deadline <ul style="list-style-type: none"> • Questions must be submitted by email or mail only • All answers will be posted within ten days of the above date (tentative)
1 – October 31, 2008 2 – January 30, 2009	Application Deadline <ul style="list-style-type: none"> • Mailed applications must be postmarked by this date • Hand delivered applications must be received, and date stamped by the CIWMB, no later than 3:00 p.m. on the Application Deadline date
1 – December 1, 2008 2 – March 2, 2009	<ul style="list-style-type: none"> • If Resolution is not submitted with the Application, an approved Resolution must be <u>received</u> by the CIWMB by this date • If Applicant does not have an EPPP Policy at time the application is submitted, an EPPP Policy must be adopted and Notification must be <u>received</u> by the CIWMB by this date
1 – January 2009 2 – April 2009	Grants Awarded <ul style="list-style-type: none"> • Board considers funding recommendations, and if approved, awards grants
<ul style="list-style-type: none"> • From date indicated in the NTP to April 1, 2011 	May incur costs (grants are conditionally awarded and any costs incurred prior to receipt of NTP is at grantee's sole risk)
<ul style="list-style-type: none"> • April 1, 2011 	Final Report, Final Payment Request and Request for 10% withhold Deadline

GRANT PROGRAM ADMINISTRATION

GRANT AGREEMENT PACKAGE

Following the Board's conditional approval of the Grant awards, Grantees will be mailed a Grant Agreement Package. The grant agreement consists of the following items:

- Grant Agreement Form (CIWMB 110).
- Exhibit A–Terms and Conditions: contain CIWMB's standard legal requirements for Grants.
Note: See <http://www.ciwmb.ca.gov/Tires/Grants/RAC/FY200809/default.htm> to download the Terms & Conditions.
- Exhibit B–Procedures and Requirements: contain specific requirements for administering this Grant, including but not limited to project, reporting, and audit requirements.
Note: See <http://www.ciwmb.ca.gov/Tires/Grants/RAC/FY200809/default.htm> to download a draft of the Procedures & Requirements.
- Attachments–Signage: provides an example of appropriate signage for the project(s).

REPORTING PROCESS

Grantees are required to report on the progress of their Grant:

- Progress Reports are due March 31, 2010.
- A Final Report is due April 1, 2011.

Detailed reporting information is included in Exhibit B – Procedures & Requirements of the Grant Agreement Package.

PAYMENT REQUEST PROCESS

Eligible costs are authorized for reimbursement upon the CIWMB Grant Manager's approval of the Grant Payment Request, and if required, the accompanying Progress/Final Report. Grant Payment Requests must include itemized documentation of claimed expenses (e.g., itemized receipts and proof of payment of invoices). Ten percent (10%) of each approved Payment Request amount will be retained by the CIWMB until the CIWMB Grant Manager approves the Final Report, the final Grant Payment Request and all required supporting documentation. Failure to submit these final documents by the deadline specified in the Procedures & Requirements or failure to receive the CIWMB Grant Manager's approval of these documents by April 1, 2011, may result in the nonpayment of otherwise eligible costs. Detailed payment information is included in Exhibit B – Procedures & Requirements of the Grant Agreement Package.

GRANT AGREEMENT PROVISIONS;

Including audit requirements and waiver of personal jurisdiction

As with all Grant Agreement provisions, the following provisions are non-negotiable. Submittal of an Application constitutes acceptance of the provisions.

1. **Audit/Records Access.** The Grantee agrees that the CIWMB, the Bureau of State Audits, or their designated representative(s) shall have the right to review and to copy any records and supporting documentation pertaining to the performance of this Agreement. The Grantee agrees to maintain such records for possible audit for a minimum of three years after final payment or the end of the Grant term, whichever is later, unless a longer period of records retention is stipulated, or until completion of any action and resolution of all issues which may arise as a result of any litigation, dispute or audit, whichever is later. The Grantee

agrees to allow the designated representative(s) access to such records during normal business hours and to allow interviews of any employees who might reasonably have information related to such records. Further, the Grantee agrees to include a similar right of the State to audit records and interview staff in any contract or subcontract related to performance of this Agreement.

2. Waiver of Personal Jurisdiction: Should CIWMB seek reimbursement of costs paid to a Grantee as a result of an audit finding, the Grantee hereby waives any jurisdictional defenses and expressly waives tribal sovereign immunity as a defense to any action in any court of the State of California for the recovery of such funds.

**REQUIRED DOCUMENTS:
RESOLUTION, AND LETTER OF DESIGNATION INFORMATION AND EXAMPLE**

RESOLUTION INFORMATION

-For applicants subject to a governing body, e.g., City Council, Board of Directors

The Grant Application requires an approved Resolution, dated and attested to/certified, which:

1. Authorizes the submittal of the Application(s):
 - for all CIWMB grants for which Applicant is eligible; or
 - for this Grant and other specifically identified CIWMB Grants; or
 - for only this Grant.
 - identifies the job title of the person authorized to execute applications, agreements, amendments, requests for payment and all grant documents necessary to secure grant funds and implement the approved Grant Project (Signature Authority).
2. Authorizes the Signature Authority to delegate this authority (*not required but encouraged*).
3. Authorizes application submittal and Signature Authority for a period up to five (5) years from the date of adoption.

A copy of the authorizing Resolution is a required Application document. However, if Applicant needs additional time to obtain the Resolution, it must be received no later than **Dec. 1, 2008** or **Feb. 27, 2009**. If not received by this date the Application will be disqualified.

The following Resolution is for example purposes only. Please consult with your attorney to determine the Resolution language most appropriate for the Application. [Other examples are available online.](#)

RESOLUTION EXAMPLE

WHEREAS, Public Resources Code sections 40000 et seq. authorize the California Integrated Waste Management Board (CIWMB) to administer various Grant Programs in furtherance of the State of California's (State) efforts to reduce, recycle and reuse solid waste generated in the State thereby preserving landfill capacity and protecting public health and safety and the environment; and

WHEREAS, in furtherance of this authority the CIWMB is required to establish procedures governing the application, awarding, and management of the grants; and

WHEREAS, Grant Application procedures require an Applicant's governing body to authorize by resolution its approval for submittal of the Grant Application(s) identified below, and the designation by job title of the individual authorized to execute all Grant documents on behalf of **(Name of Applicant)**; and

WHEREAS, if awarded, **(Name of Applicant)** will enter into a Grant Agreement with the CIWMB for implementation of said Grant(s).

NOW, THEREFORE, BE IT RESOLVED that the **(Title of Governing Body)** authorizes the submittal of application(s) to the CIWMB for all grants for which **(Name of Applicant)** is eligible.

BE IT FURTHER RESOLVED that this authorization is effective for **(Insert Time Period: from Month, Day, Year through Month, Day, Year)**; time period not to exceed five (5) years from date of adoption;

BE IT FURTHER RESOLVED that the **(Job Title)**, or his/her designee is hereby authorized and empowered to execute in the name of the **(Name of Applicant)** all grant documents, including but not limited to, applications, agreements, amendments and requests for payment, necessary to secure grant funds and implement the approved grant project.

LETTER OF DESIGNATION FOR DELEGATION INFORMATION

-For Applicants who authorize their Signature Authority to delegate his/her authority

This letter to the CIWMB is not an Application requirement; however, it is required prior to the Designee’s exercise of his/her authority. The letter must be on the Applicant’s letterhead, dated within the last 12 months, and signed by the Signature Authority. The letter must:

1. identify the job title of the Designee; and
2. identify the scope of the Designee’s authority.

The following letter is for example purposes only. Please consult with your attorney to determine the language most appropriate for the Application.

LETTER OF DESIGNATION EXAMPLE

I am the designated Signature Authority for **(name of Applicant/Grantee)**. I am authorized to execute on behalf of **(name of Applicant/Grantee)** all grant documents, including but not limited to, applications, agreements, amendments and requests for payment, necessary to secure grant funds and implement the approved Grant Project. I am authorized to delegate this authority. Accordingly, I hereby delegate this authority to the **(Job Title of Designee)**, who is specifically identified below.

Name & Job Title
Mailing Address
City, State, Zip Code
Telephone Number

ENVIRONMENTALLY PREFERABLE PURCHASES AND PRACTICES POLICY INFORMATION AND EXAMPLE

Applicants must have an Environmentally Preferable Purchases and Practices (EPPP) Policy in place by **Dec. 1, 2008** or **March 2, 2009**. Applicants who adopt an EPPP Policy prior to submitting their Application need only certify to this fact in their Application.

Applicants who do not have an EPPP Policy in place when they submit their Application, may certify in their Application that they will adopt one and send the Notification to the CIWMB. CIWMB must receive the Notification by **Dec. 1, 2008** or **March 2, 2009** or the Application will be disqualified. See next page for additional information and the Notification.

The following EPPP Policy is for example purposes only:

EPPP POLICY EXAMPLE

ENVIRONMENTALLY PREFERABLE PURCHASES

The **(Applicant name)** provides that all departments shall, whenever possible, use recycled products and recycled materials to meet their needs. This policy is enacted to demonstrate compliance with the Waste Management Reduction Act and foster market development for recycled products.

PURCHASE POLICIES

- A. All **(Applicant name)** departments shall use recycled products whenever practicable. Special emphasis shall be placed on the purchase of products manufactured with post-consumer recycled materials.
- B. All **(Applicant name)** departments may, at their option and with purchasing concurrence, require procurement of designated recycled products or recycled products above the levels required by this policy.
- C. The **(Applicant name)** shall require its contractors and consultants to use and specify recycled products in fulfilling contractual obligations whenever practicable.
- D. The **(Applicant name)** shall promote the use of recycled products by publicizing its procurement policy whenever practicable.

PURCHASE RESPONSIBILITIES OF RECYCLED PRODUCTS AND MATERIALS COORDINATOR

The **(title of person responsible)** shall coordinate the implementation of this policy. He/she will establish a list of recycled products that shall be purchased by all **(Applicant name)** departments whenever practicable and will develop the mechanism for maintenance, additions, and deletions to the list of recycled products available for procurement. Maintenance of the list will include addition of new products containing recycled material as they become available. Specifications of these new products and their suggested uses will be made available to all **(Applicant name)** departments. The **(title of person responsible)** will also work with all departments to establish minimum recycled content standards for designated recycled products to maximize recycled product availability, recycled content, and competition. The **(title of person responsible)** will also be responsible for annual policy review.

ENVIRONMENTALLY PREFERABLE PRACTICES

The **(Applicant name)** will act to make resource conservation an integral part of its waste reduction and recycling programs. The practice of discarding materials used in the **(Applicant name)** facilities is wasteful of natural resources, energy, and money.

PRACTICE POLICIES

1. The **(Applicant name)** will integrate the concept of resource conservation, including waste reduction and recycling, into its environmental programs.
2. The **(Applicant name)** will decrease the amount of waste of consumable materials by: a) reducing the consumption of consumable materials wherever possible; b) fully utilizing all materials prior to disposal; and c) minimizing the use of non-biodegradable products wherever possible.
3. The **(Applicant name)** will cooperate with, and participate in, recycling efforts being made by the city and county. As systems for recovering waste and recycling develop within the **(Applicant name)** will participate by appropriately separating and allowing recovery of recyclable waste products.
4. The **(Applicant name)** will purchase, where financially viable, recycled products. The **(Applicant name)** will also encourage suppliers, both private and public, to make recyclable products and unbleached paper products available for purchase.
5. Representatives of the **(Applicant name)** will actively advocate, where appropriate, for resource conservation practices to be adopted at the local, regional, and national levels.

EPPP POLICY – SECONDARY DEADLINE NOTIFICATION

Applicants who do not have an EPPP Policy in place when they submit their Application, may certify in their Application that they will adopt one by **Dec. 1, 2008** or **March 2, 2009** and will send the Notification (below) to the CIWMB. CIWMB must receive the Notification by **Dec. 1, 2008** or **March 2, 2009** or the Application will be disqualified.

IMPORTANT! Notification sent by U.S. Postal Service or a commercial delivery service should be sent in a manner that allows for tracking by the sender and that provides for verification of delivery. Failure to do so is at the risk of the applicant and if delivery is delayed or the Notification is lost by the Post Office or delivery service, the burden is on the applicant to demonstrate timely delivery and receipt by the CIWMB of Notification.

APPLICANT INFORMATION	
GRANT PROGRAM NAME:	
APPLICANT / ORGANIZATION NAME:	
PRIMARY CONTACT NAME:	TITLE:
TELEPHONE NUMBER:	FAX NUMBER:
EMAIL ADDRESS:	
Check box	
<input type="checkbox"/>	Yes, our organization has an Environmentally Preferable Purchases and Practices Policy.
	DATE ADOPTED: _____ BY: (E.G., GOVERNING BODY NAME, EXECUTIVE OFFICER, ETC.) _____
<i>Certification: I declare, under penalty of perjury, under the laws of the State of California, that the above information is true and accurate to the best of my knowledge.</i>	
X	
<i>Signature Authority - as authorized in Resolution; or Authorized Designee - as authorized in submitted Letter of Designation</i>	
<i>Date</i>	
<hr/>	
<i>Print Name</i>	
<i>Print Title</i>	

Submit notification to:
 California Integrated Waste Management Board
 Attention: RAC Grant Programs
 Financial Assistance Division, 9th Floor
 1001 "I" Street, 9th Floor
 P.O. Box 4025
 Sacramento, CA 95812-4025

CALCULATION FOR REQUESTED GRANT AMOUNT INFORMATION AND EXAMPLE

Targeted Grant Program

Use the example calculation below to help determine the requested amount of grant funds; the final grant reimbursement will be determined by the actual project cost, not to exceed the grant award amount. Testing costs may include: construction/post-construction material quality assurance/quality control (QA/QC) testing. Testing costs shall not include the costs of pre-construction deflection testing, project design or construction. For calculation purposes, historical, estimated, and/or actual bid costs can be used.

Table 1: Calculation for Requested Grant Amount Example - $((A * B) * C) + D = E$

	A		B		C		D		E
Category	Amount of RAC* (Tons)	X	Differential Cost of RAC (RAC Cost minus AC* Cost) \$/Ton		Differential Reimbursement Rate	+	Testing Costs (QA/QC)	=	Total (must match req. grant amount)
1	9,000	X	$(\$100 - \$75) = \$25$		100%	+	\$15,000	=	\$240,000
2	13,000	X	$(\$100 - \$75) = \$25$		70%	+	\$20,000	=	\$247,500
3	22,000	X	$(\$100 - \$75) = \$25$		40%	+	\$30,000	=	\$250,000

*Definitions:

RAC = Rubberized Asphalt Concrete
QA = Quality Assurance

AC = Asphalt Concrete
QC = Quality Control

Use Grant Program

Use the example calculation below to help determine the requested amount of grant funds; the final grant reimbursement will be determined by the actual total RAC tonnage used for all projects multiplied by the reimbursement rate of five dollars per ton (\$5.00/ton), not to exceed grant funds awarded. Testing costs, if appropriate, may include: construction/post-construction material quality assurance/quality control (QA/QC) testing.

Table 2: Calculation for Grant Amount – $(A * B) + C = D$

	A		B		C		D
Category	Amount of RAC used in project (in tons)	X	Reimbursement rate (\$5.00/ton)	+	Testing Costs (QA/QC)	=	Total
4	50,000	X	\$5.00	+	\$0	=	\$250,000

Chip Seal Grant Program

Use the example calculation below to help determine the requested amount of grant funds; the final grant reimbursement will be determined by the actual total RAC chip seal square footage used for all projects multiplied by the reimbursement rate of one dollar per square yard (\$1.00/yd²) for category 5 (new user); and/or twenty cents per square yard (\$.20/yd²) for category 6 (on-going

user), not to exceed the actual grant award. Testing costs, if appropriate, may include: construction/post-construction material quality assurance/quality control (QA/QC) testing.

Table 3: Calculation for Grant Amount – (A * B) + C = D

	A		B		C		D
Category	Amount of RAC chip seal used in project (in yd²)	X	Reimbursement rate (per yd²)	+	Testing Costs (QA/QC)	=	Total
5	230,000	X	\$1.00	+	15,000	=	\$245,000
6	1,250,000	X	\$.20	+	\$0	=	\$250,000