

# SANTA BARBARA COUNTY BOARD AGENDA LETTER



Clerk of the Board of Supervisors  
105 E. Anapamu Street, Suite 407  
Santa Barbara, CA 93101  
(805) 568-2240

**Agenda Number:**  
**Prepared on:** September 3, 2004  
**Department Name:** Public Works - Transportation  
**Department No.:** 054  
**Agenda Date:** October 5, 2004  
**Placement:** Departmental  
**Estimate Time:** 30 minutes  
**Continued Item:** NO  
**If Yes, date from:**

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**TO:** Board of Supervisors

**FROM:** Phillip M. Demery, Director  
Public Works Department

**STAFF CONTACT:** Scott D. McGolpin, 568-3064  
Deputy Director, Transportation Division

**SUBJECT:** Roads General Fund Designations for Fiscal Year 2004/2005  
All Supervisorial Districts

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## Recommendation(s):

- A. Receive a report on the use of Roads General Fund Designations for Fiscal Year 2004/2005;
- B. Direct staff to utilize the existing Roads General Fund Designations for Fiscal Year 2004/2005 in the amount of \$268,000 to supplement the Road Maintenance Annual Plan (RdMap) approved surface treatment program (contracts/county forces);
- C. Approve the use of County Forces to complete the Construction of 2004/2005 Measure "D" Preventive Maintenance Application of Fog Seal Coat in the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> Supervisorial Districts, County Project No. 820515 in accordance with Section 20395 (c) of the California Public Contract Code.

## Alignment with Board Strategic Plan:

The recommendation(s) are primarily aligned with Goal No. 1. An Efficient Government Able to Respond Effectively to the Needs of the Community.

## Executive Summary and Discussion:

Recently the Department has requested construction bids from the contracting community for various surface treatment projects throughout the County of Santa Barbara. Unfortunately, the bids received were higher than the budgeted amount in the Fiscal Year 2004/2005 Road Maintenance Annual Plan and in one project from Fiscal Year 2003/2004.

As your Board knows, the County's primary pavement surface treatment strategies are all based on the use of oil. Staff and the industry define the strategies employed as a preventive maintenance program and these operations here in Santa Barbara County typically take the form of Fog Seals, Slurry Seals and Asphalt Overlays. At times, we will also program the recycle or the reconstruction of roadways in our RdMap because the use of corrective maintenance is no longer a viable option and the condition of the roadway must be addressed. Also, prior to an asphalt overlay being performed, staff must repair the concrete improvements

that have been damaged in our urbanized communities. These concrete improvements take the form of removal and replacement of damaged sidewalk, curbs, gutters and driveway aprons. We are also mandated by the Americans with Disabilities Act to make our sidewalks accessible; this work is included as well.

There has been a reported sharp increase in costs associated with asphalt material and oil over the course of the last year. This not only impacts the costs of the surface treatment planned for roadways, but all transportation costs to get the material to the site. The County’s Public Works Department creates the RdMap on an annual basis to define how staff plans to perform road maintenance activities, both preventive and corrective, with the limited transportation funding available. In a typical year the RdMap process commences just after the new year in January. At that time preventive maintenance projects begin to take form and estimates to complete the various surface treatments are determined. From January to August of 2004 Caltrans reported that oil costs had increased over 37 %. The County recently opened two bids; one for a Fog Seal Coat and one for an Asphalt Rubber Aggregate Membrane (ARAM), which on average exceeded the Engineer’s Estimate by 28%.

The following table shows the projected difference from the contract budgeted amounts and the bid amounts received from contractors for the ARAM and the Fog Seal Coat contracts:

<b>CONTRACT</b>	<b>BUDGET AMOUNT</b>	<b>BID AMOUNT</b>	<b>DIFFERENCE</b>
<b>ARAM</b>	<b>\$ 483,504.33</b>	<b>\$ 711,728.20</b>	<b>\$ (228,223.87)</b>
<b>FOG SEAL</b>	<b>\$ 161,050.10</b>	<b>\$ 424,002.60</b>	<b>\$ (262,952.50)</b>

**TOTAL  
DIFFERENCE = \$ (491,176.37)**

The Department believes that four viable options exist for your Board to consider at this point for the County to move forward with the programmed surface treatment of the roads included within these contracts:

Option 1: Direct staff to perform the Fog Seal Coat utilizing county Maintenance forces and to utilize Roads General Fund Designations for Fiscal Year 2004/2005 in the amount of \$268,000 to supplement the Road Maintenance Annual Plan (RdMap) for approved surface treatment program (contracts/county forces). This will allow the Department to complete the scope of the project included in the 2004/2005 Measure “D” Preventive Maintenance Application of Fog Seal Coat. Due to the increase in oil costs to date, an additional \$40,000 above the budgeted project is required to perform the Fog Seal Coat. However, a potential savings to the County of approximately \$224,000 for Fog Seal Coat will be realized. This option also allows for the ARAM contract to proceed as programmed within the FY 2003/2004 RdMap.

Option 2: Reduce the scope of the approved surface treatment program from the FY 2004/2005 RdMap and the ARAM project from FY 2003/2004. This would entail meeting with each of your offices to prioritize the removal of roads from the currently approved list of streets within these documents (Attachment #'s 1 & 2). Upon completion of that prioritization process staff would then return to your Board for approval of this reduction.

Option 3: Defer these contracts to the FY 05/06 RdMap process where additional funding could be programmed to augment the FY 2004/2005 RdMap and the ARAM project from FY 2003/2004. If this option were chosen there is a chance that oil prices will continue to rise and today's project cost overruns could be greater a year from now.

Option 4: Over the past fiscal years your Board has made General Fund monies available to address the deteriorating Transportation Infrastructure System. In the FY 2004/2005 County Budget process \$500,000 in Roads General Fund Designations were approved for Road Maintenance purposes. This funding was also included within the Fiscal Year 2004/2005 RdMap. However, specific road repairs were not identified in light of the potential State budget ramifications to the County General Fund. This option would allow your Board to direct staff to go back out to bid with both the Fog Seal Coat and ARAM contracts. At this time the anticipated difference in cost from what was programmed is \$491,176.37. If this option were chosen, like option 3, there is a chance that oil prices will continue to rise and today's project cost overruns could be greater after the rebidding process.

Staff recommends approval of Option 1. This will allow for staff to capitalize on the remaining good weather still available this calendar year and commence the Fog Seal Coat surface treatment work almost immediately. The ARAM contract would be scheduled for readvertisement for bids in the Winter of 2005, with construction scheduled to commence Late Spring/Early Summer of the same year. The Department will more than likely combine the ARAM contract with other similar work to capitalize on economies of scale in the bidding process and to reduce the impact of rising oil costs.

The California Public Contract Code defines the application of Fog Seal Coat as maintenance; as such this work can be completed by county forces. Public Works staff has contacted other Counties throughout the State and found that local agencies are performing this type of maintenance work with their own internal county Maintenance forces as well. Section 20395 (c) of the California Public Contract Code states that, "The work may be done in any of the following ways: (c) by purchasing the material and having the work done by day labor, in which case advertising for bids is not required". As proposed, staff would contract for the supply of Fog Seal material and county maintenance forces would be responsible for sweeping the existing pavement, applying the Fog Seal material and final pavement delineation.

As your Board knows in a typical year Roads General Fund Designations are programmed to various roadway repairs within each Supervisorial District based on the current Measure "D" Distribution formula. At this time the current Measure "D" Distribution formula is one that is based on a 50/50 percentage between a District's unincorporated population and road lane miles. Staff recommends fully funding the ARAM bid difference in the amount of \$228,000 and the additional \$40,000 to complete the Fog Seal Coat with Roads General Fund Designations for Fiscal Year 2004/2005. The remaining balance of \$232,000 would then be available to distribute to each Supervisorial District based on the current Measure "D" Distribution formula:

	<i>Supervisorial District</i>					
	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>Totals</i>
<b><i>Distribution Percentage by 50% Population/50% Lane Miles</i></b>	<b><i>12.29%</i></b>	<b><i>16.42%</i></b>	<b><i>37.27%</i></b>	<b><i>26.24%</i></b>	<b><i>7.79%</i></b>	<b><i>100.00%</i></b>

Staff would work with your offices to select projects within each Supervisorial District for the Roads General Fund Designations remaining. Once that process was completed we would return to your Board for approval and inclusion within the FY 2004/2005 RdMap.

**Mandates and Service Levels:**

This action will allow the Department to provide the level of service currently programmed in the FY 2004/2005 and FY 2003/2004 RdMaps.

**Fiscal and Facilities Impacts:**

The use of Roads General Fund Designations for Fiscal Year 2004/2005 in the amount of \$228,000 to supplement the FY 2004/2005 RdMap and the ARAM project from FY 2003/2004 will fully fund previously approved and programmed surface treatments.

**Special Instructions:**

After Board action, please forward a certified stamped Minute Order approving the action to Public Works, Transportation Division, Attn: Cecelia Barnes.

**Concurrence:**

County Counsel??

**Attachments:**

Attachment #1 - Fog Seal Coat Street List

Attachment #2 - ARAM Street List

**Attachment #1:**

**2004-05 MEASURE 'D' FOG SEAL COAT**

<b>AREA</b>	<b>SECTION_ID</b>	<b>STREET NAME</b>	<b>BEGINNING</b>	<b>END</b>
<b><u>First Supervisorial District</u></b>				
1011	A 10290	COLBY ST	BANNER AV	VARLEY ST
1011	A 10260	EMERSON ST	OLIVE ST	E END
1011	A 10355	ORTEGA HILL	LILLIE AVE	2161 ORTEGA HILL RD
1021	A 10880	BUTTERFLY LN	CHANNEL DR	HILL RD
1021	A 10915	HERMOSILLO RD	HOT SPRINGS RD	COAST VILLAGE RD
<b><u>Second Supervisorial District</u></b>				
2041	B 13080	AVENIDA PEQUENA	PASEO CAMEO	CATHEDRAL OAKS
2041	B 13095	CALLE ABIERTA	PASEO RIO	PASEO CAMEO
2041	B 13210	GUANTE CIR	HANNA DR	S END
2041	B 13375	INWOOD PL	INWOOD DR	W END
2041	B 12705	LA RAMADA DR	VALA DR	SAN MARCOS RD
2041	B 12710	LA RAMADA DR	SAN MARCOS RD	RIBERA DR
2041	B 13280	LIRA PL	AGANA DR	N END
2041	B 12975	MARIQUITA DR	SAN PATRICIO DR	S END
2041	B 13065	PASEO CAMEO	EAST END	AVENIDA PEQUENA
2041	B 13085	PASEO ORLANDO	W END	PASEO CAMEO
2041	B 13090	PASEO RIO	PASEO CAMEO	CALLE ABIERTA
2041	B 13205	PEREZA CIRCLE	HANNA DR	S END
2041	B 13675	RHOADS AVE	WALNUT LN	SAN MARCOS RD
2041	B 12740	RIBERA DR	CATHEDRAL OAKS	120' N PINTURA DR
2041	B 12175	SAN ANGELO AV	CAMINO DE VIDA	SAN SIMEON DR
2041	B 13590	SAN ANSELO WY	ANDY LN	W END
2041	B 13270	SAN BLAS PL	AGANA DR	N END
2041	B 12180	SAN GORDIANO AV	SAN ANGELO AV	TURNPIKE RD
2041	B 13585	SAN LAZARO WY	ANDY LN	W END
2041	B 13275	TEPIC PL	AGANA DR	N END
2041	B 13255	TILA PL	AGANA DR	N END
2041	B 11740	VIA ANDORA	CIENEGUITAS RD	N END
2041	B 12340	VIEJA DR	VIA HUERTO	S END
2041	B 12735	WALNUT PARK LN	WALNUT PARK DR	S END
<b><u>Third Supervisorial District</u></b>				
3001	E 5840	ALISOS CANYON RD	6.0MI N HWY 101	FOXEN CYN RD
3051	C 30381	ARMOUR RANCH RD	330' E HWY 154	HAPPY CANYON RD
3051	C 32700	BASELINE AVE	ALAMO PINTADO RD	75' E LEWIS ST
3051	C 32680	COTTONWOOD ST	BASELINE AVE	SCHOOL STREET

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3051	C 32670	COTTONWOOD ST	BASELINE AVE	640' S BASELINE
3051	C 32690	LEWIS ST	SCHOOL STREET	BASELINE AVE
3051	C 32698	LEWIS ST	BASELINE AVE	600'S BASELINE
3051	C 32685	SCHOOL ST	COTTONWOOD ST	LEWIS ST
3072	D 28940	BURTON MESA BL	900'E CLUBHOUSE	666'E CONSTELLATION
3072	D 28950	BURTON MESA BL	666' E CONSTELLATION	CONSTELLATION RD

**Fourth Supervisorial District**

4072	D 27520	CALLE LINDERO	RUCKER RD	100' W VIA LATO
4072	D 27525	CALLE LINDERO	100' W VIA LATO	E END
4072	D 27640	CALLE MARANA	CALLE LINDERO	RUCKER RD
4072	D 27650	CALLE NETO	RUCKER RD	E END
4072	D 27670	CALLE PASADO	RUCKER RD	BURTON MESA BL
4072	D 27570	CALLE SIETE	VIA LATO	VIA MITAD
4072	D 27340	RUCKER RD	3130'N ONSTOTT RD	BURTON MESA BL
4072	D 27350	RUCKER RD	BURTON MESA	CALLE LINDERO
4072	D 27580	VIA MITAD	CALLE SIETE	CALLE LINDERO
4072	D 27590	VIA MONDO	CALLE LINDERO	CALLE SIETE
4081	E 9890	AMETHYST DR	LYDIA LN	BRADLEY RD
4081	E 8540	ANGELES RD	POPPY LN	LAKEVIEW RD
4081	E 9893	BASQUE DR	BRADLEY RD	AMETHYST DR
4081	E 8340	BEDFORD PL	LAKEVIEW RD	LINWOOD LN
4081	E 9835	BROADWAY	CLARK AV	CALIFORNIA BL
4081	E 9895	CINNABAR CT	BASQUE DR	E END
4081	E 7150	CLARK AV EB	SH 135	650' W BRADLEY RD
4081	E 7040	CLARK AV WB	650' W BRADLEY RD	SH 135 NB RAMP
4081	E 4455	CRESCENT AV	EL CERRITO	ORCUTT RD
4081	E 9883	DIAMOND DR	PATTERSON RD	LYDIA LN
4081	E 4400	DON PABLO DR	E END	LORRAINE AV
4081	E 8180	DRAKE DR	WINTER RD	MILES AV
4081	E 9898	EARL LN	DIAMOND DR	N END
4081	E 9850	GLEN EAGLES DR	CHERRY AV	LAURELWOOD DR
4081	E 4440	IMPERIAL WY	DON PABLO DR	110'N CRESCENT
4081	E 4430	LANCER AV	HIGHLAND DR	CRESCENT AV
4081	E 4420	LANCER CT	S END	HIGHLAND DR
4081	E 9853	LAURELWOOD DR	GLEN EAGLES DR	SPENCER DR
4081	E 4410	LORRAINE AV	RICE RANCH RD	LANCER AV
4081	E 8520	LOS PADRES RD	LAKEVIEW RD	POPPY LN
4081	E 9888	LYDIA LN	PATTERSON RD	AMETHYST DR
4081	E 9885	MARLENE DR	LYDIA LN	LYDIA LN
4081	E 9830	NORRIS ST	PINAL AV	CLARK AV
4081	E 4000	ORCUTT RD	HWY 135	LAKEVIEW RD
4081	E 4010	ORCUTT RD	LAKEVIEW RD	FOSTER RD

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4081	E 4050	ORCUTT RD	CLARK AV	155'S CRESCENT
4081	E 8530	POPPY LN	LOS PADRES RD	ANGELES RD
4081	E 4470	PRINCETON DR	CRESCENT AV	RICE RANCH RD
4081	E 9848	ROYAL TERRACE	CHERRY AV	E END
4081	E 9855	SPENCER DR	LAURELWOOD DR	CHERRY AV
4081	E 4380	VIA FARGO	DOMINO AV	ESPLANADA AV
4082	E 1200	BRIARWOOD CT	BRIARWOOD RD	N END
4082	E 1190	BRIARWOOD RD	WILLOWWOOD RD	DRIFTWOOD DR
4082	E 1220	DRIFTWOOD DR	BRIARWOOD RD	SANDALWOOD DR
4082	E 1080	ELMWOOD DR	PINEWOOD DR	OLIVEWOOD RD
4082	E 1230	GREENWOOD RD	DRIFTWOOD DR	WILLOWWOOD RD
4082	E 1060	IRONWOOD DR	E END	OLIVEWOOD RD
4082	E 1240	LOCKWOOD LN	GREENWOOD RD	GREENWOOD RD
4082	E 1050	PINEWOOD DR	S END	N END
4082	E 1100	SATINWOOD RD	N END	100'S SANDALWOOD
4082	E 1070	TEAKWOOD DR	OLIVEWOOD RD	PINEWOOD DR
4082	E 1180	WILLOWOOD RD	SANDALWOOD DR	N END

**Attachment #2:**

**2003-04 COUNTYWIDE MEASURE 'D' ASPHALT-RUBBER SEAL COAT & SLURRY SEAL (ARAM)**

<u>AREA</u>	<u>SECTION ID</u>	<u>STREET NAME</u>	<u>FROM</u>	<u>TO</u>
<b><u>FIRST SUPERVISORIAL DISTRICT</u></b>				
1001	A 10155	SANTA CLAUS LN	HWY 101	BGN PCC SECTION
1001	A 10030	SHEPARD MESA RD	HWY 192	7028 SHEPARD MESA RD
1001	A 10035	SHEPARD MESA RD	7028 SHEPARD MESA RD	TOP OF CIRCLE
1001	A 10040	SHEPARD MESA RD	TOP OF CIRCLE	7390 SHEPARD MESA RD
1001	A 10045	SHEPARD MESA RD	7390 SHEPARD MESA RD	BOTTOM OF CIRCLE
1021	A 11000	COWLES RD	EUCALYPTUS HILL	W END
<b><u>SECOND SUPERVISORIAL DISTRICT</u></b>				
2041	B 12777	UNIVERSITY DR	PATTERSON AV	W OF BR 51C-219
2041	B 12656	VALA DR	YAPLE AV	LA RAMADA DR
<b><u>THIRD SUPERVISORIAL DISTRICT</u></b>				
3001	E 6210	BATCHELDER RD	HWY 135	S END
3042	B 14995	EL GRECO RD	CAMINO PESCADERO	E END
3042	B 15115	ESTERO RD	CAMINO CORTO	END
3042	B 15045	SEVILLE ROAD	CAMINO PESCADERO	EMBARCADERO DEL MAR
<b><u>FOURTH SUPERVISORIAL DISTRICT</u></b>				
4001	D 27260	TULAROSA RD	HWY 246	N END
4081		BLOSSER RD	CITY LIMIT	1305' S CITY LIMIT
4081	E 8330	MILES AV	MARVIN ST	HILLVIEW DR
4081	E 9815	PARK AV	GRAY ST	BROADWAY
<b><u>FIFTH SUPERVISORIAL DISTRICT</u></b>				
5001	E 5650	FOXEN CANYON RD	PALMER RD	MP 22.0