

county of Santa Cruz

HUMAN RESOURCES AGENCY

CECILIA ESPINOLA, ADMINISTRATOR 1000 EMELINE ST., SANTA CRUZ, CA 95060 (408) 454-4130 OR 454-4045 FAX: (408) 454-4642

May 4, 1998

AGENDA: May 19, 1998

BOARD OF SUPERVISORS County of Santa Cruz 701 Ocean Street Santa Cruz, California

ADOPT RESOLUTION IN SUPPORT OF WELFARE-TO-WORK TRANSPORTATION PROPOSAL FOR AB 2766 FUNDS

Dear Members of the Board:

In December 1997, your Board approved the County CalWORKs Plan, including several action plans developed by community task forces which arose out of the welfare reform planning process. One such plan was the Transportation Action Plan, developed by the Transportation Task Force of the Coalition for Workforce Preparation. The Human Resources Agency (HRA) is working with this task force as part of CalWORKs implementation, to ensure that welfare-to-work transportation is available so that parents may go to work or work-related Activities while their children are safely transported to and from before and after school programs, child care, recreation programs, and home. The purpose of this letter is to request that your Board support HRA's application to the Monterey Bay Unified Air Pollution Control District to purchase vans for enhanced welfare-to-work transportation services.

Reducing Pollution/Enhancing Welfare-to-Work Transportation

Under current regulations, CalWORKs participants are limited to owning automobiles which are valued at less than \$4,000 each. Because the CalWORKs program requires participation in work or work-related activities over 20 hours per week, two concerns emerged: 1) that the older model automobiles which many CalWORKs participants own would be on the road every day for more hours, making multiple trips to drop off and pick up children, thus adding to air pollution in the Monterey Bay Region, and 2) that the 44% of CalWORKs participants who do not own vehicles and for whom fixed route public transportation is not an option would not have transportation for themselves and their children to their required activities.

Plan for a Connections Shuttle

Members of the Transportation Task Force assisted the Human Resources Agency to develop a plan for a van service, called the Connections Shuttle, to transport welfare-to-work participants and their children to and from areas where fixed route bus service is limited due to the small number of riders, such as certain areas of the San Lorenzo Valley, Pajaro Valley, Aptos,

2

BOARD OF SUPERVISORS

Agenda: May 5, 1998

Adopt Resolution in Support of Welfare-to-Work Transportation Proposal

Davenport, and Soquel. The Connections Shuttle would reduce the number of early model vehicles on the road making multiple trips, thereby reducing air pollution. At the same time, it would provide safe, welfare-to-work transportation for parents and their children. In order to secure funding for vans to be used by the shuttle service, HRA has prepared an application to the Monterey Bay Air Pollution Control District for Funds for AB 2766 Motor Vehicle Emissions Reduction Program, a copy of which is attached for your information. Under the proposed project, HRA would act as the fiscal agent, and the service would be contracted out to a transportation provider, at no cost to the County. As an added benefit, the Connections Shuttle would create jobs for CalWORKs participants, who would be trained to earn their Class B driver's license, which can be used to obtain employment in many commercial driver positions at a wage rate of \$8-12 per hour. A decision will be made in August 1998 regarding this grant proposal. In the interim, HRA will continue to develop other funding sources for start-up and initial operation of this new service, which ultimately will be supported by subsidies for CalWORKS participants, other workforce preparation subsidies, and other fares.

A resolution from your Board is required to be submitted as part of the application process. Due to the tight timelines for the application, which was required to be submitted by April 27, 1998, HRA is requesting that your Board adopt the attached resolution retroactively.

IT IS THEREFORE RECOMMENDED that your Board adopt the attached resolution supporting the Human Resources Agency's application for AB 2766 Motor Vehicle Emissions Reduction funds.

Very truly yours,

CECILIA ESPINOLA

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Administrator

CE/GG:gg/transapp.bos

Attachments

RECOMMENDED:

Susan A. Mauriello

County Administrative Officer

cc: Monterey Bay Unified Air Pollution Control District Coalition for Workforce Preparation/Transportation Task Force

BEFORE THE BOARD OF SUPERVISORS OF THE COUNTY OF SANTA CRUZ, STATE OF CALIFORNIA

RESOLUTION	NO.	-98
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On the motion of Supervisor	
duly seconded by Supervisor	
the following resolution is	adopted.

RESOLUTION SUPPORTING THE HUMAN RESOURCES AGENCY'S APPLICATION FOR AB 2766 MOTOR VEHICLE EMISSIONS REDUCTION PROGRAM FUNDS

WHEREAS, AB 1542, passed by the State Legislature in 1997, mandates all CalWORKs participants to engage in 20 hours per week of work or work-related activities, increasing to 26 hours per week on July 1, 1998, and 32 hours per week on July 1, 1999, thus creating an urgent need for reliable, affordable transportation for approximately 2,600 adults and 5,400 children in Santa Cruz County to work and work-related activities, before and after school programs, child care, recreation programs and home; and

WHEREAS, CalWORKs participants in Santa Cruz County have identified reliable transportation for themselves and their children as one of the top two barriers for them to enter or reenter the labor market, second only to child care; and

WHEREAS, it is estimated that 44% of CalWORKs participants in Santa Cruz County do not own motor vehicles and asset limits on vehicle ownership by CalWORKs participants and their low income make it difficult for parents in welfare-to-work programs to own reliable vehicles which pollute the air less than older cheaper vehicles; and

WHEREAS, existing fixed route public transportation cannot provide cost-effective, timely transportation for parents and children in all areas of the County within two hours as required by AB 1542, however, paratransit vehicles could provide more flexibility for parents needing ro make multiple stops.

NOW, THEREFORE, BE IT RESOLVED that the Santa Cruz County Board of Supervisors strongly supports the Human Resources Agency's application for AB 2766 Motor Vehicle Emissions Reduction Program funds to enhance the public transportation system for CalWORKs families and therefore reduce air pollution in the Monterey Bay region, and urges the Monterey Bay Unified Air Pollution Control District to approve it.

PASSED AND ADOPTED by the Board of Supervisors of the County of Santa Cruz, State of California, this 19th day of May, 1998, by the following vote:

AYES: NOES:	SUPERVISORS SUPERVISORS		
ABSENT:	SUPERVISORS		
		JAN BEAUTZ, Chair	
		Board of Supervisors	
ATTEST:		<u></u>	
Cl	erk of said Board		
Approved as	to form:		
Jane	M. Scott		
County Cour	nsel		



ADMINISTRATION 1000 Emeline Avenue Santa Cruz, CA 95060 (408) 454–4130 Fax: (408) 454–4642

April 27. 1998

Monterey Bay Unified Air Pollution Control District 24580 Silver Cloud Court Monterey. CA 93940

Dear Board Members:

As you may be aware, the passage of AB 1542 in 1997 by the Legislature repealed the former Aid to Families with Dependent Children (AFDC) program, and established the California Work Opportunity and Responsibility to Kids (CalWORKs) program. The Human Resources Agency of Santa Cruz County is requesting a AB 2766 Motor Vehicle Emissions Reduction Grant in the amount of \$150,650 to purchase vans for a shuttle service for CalWORKs Welfare-to-Work program participants and their children.

Transportation is the "to" in "welfare-to-work." All CalWORKs recipients must participate in a minimum of 26 hours per week of welfare-to-work activities, increasing to 32 hours per week in July 1999. While these parents go to welfare-to-work activities, their children must either go to child care or school, thus increasing by approximately 9,000 the number of persons needing reliable transportation during peak hours in Santa Cruz County. Given the asset limits built into welfare eligibility rules, the CalWORKs parents who own automobiles tend to own earlier models, which often are in need of repair and which tend to emit a higher level of pollutants. However, it is estimated that 44% of CalWORKs participants currently do not own motor vehicles, and many of them cannot use the fixed route system due to the multiple stops they must make. As the number of riders increases due to new mandatory activities, it it our intention to make reasonable alternatives to the single occupant vehicle available and affordable.

As of January 1998, CalWORKs parents have 18-24 months to become regularly employed before their benefits will be cut. Transportation will have a direct effect on these parents' ability to go to work and support their families. Please consider the need for urgency in developing minimally polluting transportation infrastructure for this population as you review the attached proposal, We urge you to support welfare-to-work transportation initiatives to the fullest extent possible this year. A resolution from the Santa Cruz County Board of Supervisors supporting this application is pending, and will be forwarded to your office after adoption. Please let me know if you have questions or need further information.

Very truly yours.

CECILIA ESPINOLA 4

Administrator

CE/GG:gg/montbay.air





ATTACHMENT 1 - PROJECT DESCRIPTION

FY 1998-99 AB 2766 MOTOR VEHICLE EMISSIONS REDUCTION PROGRAM

A. Applicant:Name Santa Cruz County Human Resources Agency 1000 Emeline Avenue Address Santa Cruz, CA 95060 Telephone 4<u>08.454.4130</u> (Area Code 831 after 7/11/98) 408.4544642 B. Application **Submission Date:** April 27, 1998 C. Budget: Total Project Amount \$804.850 AB 2766 Request \$150,650 D. Project Title: Santa Cruz County Connections Shuttle **E. Project Timeline:** Start Date: November 1998 End Date: November 2003 F. AB 2766 Funds Activity Breakdown: <u>2nd Period 3rd Period</u> 1st Period Activity # 4th Period 10/98 to 12/98 1/99 to 3/99 4/99 to 6/99 7/99 to 9/99 1.Purchase 5 vans \$ 135,000 \$ 2.Purchase equipment \$ 15,650 \$ \$ Total \$ 150,650 Activity 1: Purchase 5 vans @ \$27,000 each Activity 2: Purchase communications equipment and car seats Activity 3: Activity 4: G. Budget Breakdown: Grant Request Other Match <u>Total</u> \$ 150,650 Capital \$<u>150,650</u> \$ 577.200 \$ 577.200 Personnel \$ 75.000 \$ 75.000 Other Grant Administration \$XXXXXXXXXX \$ 2,000 \$ 2,000 Total \$ 654,200 \$ 150,650 \$ 804.850

ATTACHMENT 1 - PAGE 1

Grant Application For: Santa Cruz County Connections Shuttle

H. Other Match Funding Sources:

Funding: Source	<u>Amount</u>	<u>S</u>	<u>U</u>	<u>P</u>
1. <u>CalWORKs</u> Transportation <u>Funds</u>	\$ 75,000	X	***	_
2. JTPA Transportation Funds	\$ 24,000	<u>X</u>	-	-
3. JTPA (OTT) 50% Training Funds	\$250,000	<u>X</u>	-	_
4: Dept. of Labor Funding (15% Funds)	\$100,000	_	X	_
5. Packard Foundation	\$150,000	_	<u>X</u>	_

S=Secured funds: Available by September 1, 1998 or guaranteed within FY 1998-99 U=Unsecured funds: To be applied for and availability unsure $P=Previous\ AB\ 2764\ funding$

I. Monitoring Program

- 1. Type of Program (i.e. survey, data count, records): <u>Rider counts. periodic surveys</u>, tracking of trained drivers for retention. performance
- 2. Frequency of Data Collection: <u>Daily rider counts</u>, <u>quarterly surveys</u>
- 3. Reporting Frequency (i.e. monthly, quarterly, annually): Quarterly
- 4. Anticipated Number of Units Reported (i.e. number of cars reduced, VMT reduced, number of people served): <u>Expect to serve at least 20 families each day of oneration (260 days annually).</u>

J. Contact Person: b. Billing a. Program Name: Gail Groves Name: Gail Groves Telephone: <u>408.4544036</u> Telephone: 408.454.4036 Fax: 408.454.4642 Fax: 408.454.4642 K. Emissions and Cost Effectiveness Calculations: (Record Attachment 1CCalculated Results Here) ROG NOx PM₁0 **Total** <u>3.107</u> <u>3.79</u>0 <u>1.366</u>' Total Calculated Emissions 8.263 (Tons Per Useful Life) \$ 18,232 = \$ 150,650 _____divided by ___8.263 tons (Cost Effectiveness) (Project Total Costs) (Useful Life Emissions Total) ATTACHMENT 1 - PAGE 2

ATTACHMENT 1A - PROJECT NARRATIVE FY 1998-99 AB 2766 MOTOR VEHICLE EMISSIONS REDUCTION PROGRAM

Project Title: <u>Santa Cruz County Connections Shuttle</u> Agency: <u>Santa Cruz County HRA</u>

The County of Santa Cruz Human Resources Agency proposes to purchase 5 12passenger vans that will be used to provide shuttle service for those families served in CalWORKs programs (formerly known as "welfare" or AFDC programs). This new dial-a-ride - type service will provide a low-cost alternative to single-occupant vehicles. The service will run from 7:00 a.m. to 7:00 p.m., Monday through Friday, and will be operated by a nonprofit transportation provider under contract with the Human Resources Agency. Each van will provide rides on demand from CalWORK's participants' homes to worksites, child care, school facilities, and Metro centers or carp001 meeting sites. Initially, services will be provided in areas where high numbers of CalWORKs participants and other public assistance clients reside (based on Geographic Information System data), and where existing public transportation does not meet identified needs. Initial route structures will be based on a comprehensive transportation needs survey of CalWORKs participants, Medi-Cal, food stamps, and General Assistance clients, to be completed in May 1998 by the Santa Cruz Area Transportation Management Agency and the Human Resources Agency. Fares will be paid in cash or by vouchers, which will be supported by CalWORKs and JTPA (on-the-job training programs) transportation funding.

The service will transport parents and children to before and after school child care, work and work-related activities and home. As the CalWORKs program is implemented, more than 2,500 families will required to work, potentially putting at least 1,000+ more cars on the road on a daily basis. And, there is good chance that many of these additional cars might be older, more-polluting cars. The typical CalWORKs client in Santa Cruz County is a 32 year old woman with 2 children: one school age, and one preschool age. Therefore, in order for these families to travel to and from their required work activities, transportation with at least 6 stops are necessary to get one family to and from work, school and daycare and home again each day. These multiple stops make traditional fixed route transportation not feasible for many families. A transportation survey is currently underway with CalWORKs clients, with results expected in late June 1998.

It is expected that each van in this shuttle service will be able to serve at least 4 CalWORKs families 5 days each week, thus eliminating 3 separate automobile round trips per van per day, including 18 daily stops. Additionally, shuttle destinations will help consolidate trips and stops, further reducing emissions from vehicles by reducing the number of vehicles traveling to the same destinations daily.

ATTACHMENT 1A - PAGE 1

ATTACHMENT 1A - PROJECT NARRATIVE FY 1998-99 AB 2766 MOTOR VEHICLE EMISSIONS REDUCTION PROGRAM

Project Title: <u>Santa Cruz County Connections Shuttle</u> Agency: <u>Santa Cruz County</u> HRA

The service will employ CalWORKs participants, who will be trained by Liftline to obtain their Class B driver's licenses. The Human Resources Agency will work in collaboration with the JTPA programs (offering on-the-job training as shuttle drivers), and the Santa Cruz Area Transportation Management Association, providing management and coordination assistance.

The-requested \$200,000 will purchase 5 12-passenger vans at a cost of \$27,000 each, for a total of \$135,000. In addition, \$15,000 will be used to purchase communications equipment for each vehicle. Ten child car seats will be purchased at \$65 each, totaling \$650, to equip each van with two car seats. Matches to this grant will come from CalWORKs funding to operate the shuttle, and JTPA participation in recruiting and training shuttle drivers. Approximately \$75,000 is expected to be offset by partial fares paid by shuttle riders. Other potential funding sources include Department of Labor funds, the David and Lucile Packard Foundation, and rider fares.

This shuttle will result in immediate, significant, quantified and cost-effective reduction in air pollution from motor vehicles as such, directly benefits the achievements for the goals set in the 1991 Air Quality Management Plan for the North Central Coast Air Basin and the criteria established for the 1998-99 fiscal year. It directly meets the California Clean Air Act statutory requirement of more than one pollutant within a one year period of time. Project funds will be expended within one year of the award date.

ATTACHMENT 1B - PROGRAM CRITERIA CHECKLIST FY 1998-99 AB 2766 MOTOR VEHICLE EMISSIONS REDUCTION PROGRAM

Pro	oject Ti	Connections Shuttle	Agency	Santa Cruz County Human
che pro	ecked, go	eck those that apply. If all Section to Section B. If all Section A bost not qualify for funding.	A boxes che	Resources Agency esked, or demonstration project box
A.	Sele	ction Criteria - Tier 1		
qual	All p	rojects submitted for consideration funding consideration. Check each	must meet that applies:	ne following Tier I criteria to
X	Distri Air A fulfill th of He	Project results in mobile sour ct in moving expeditiously to full is ct (as amended in 1992) and/or sho ne enforcement, implementation and ealth & Safety Code Section 44220 fiable unless identified as a qualify	mplementation ould achieve of planning/m to 44247. Pr	on of the California Clean emission reductions that onitoring requirements oject emissions must be
<u>X</u>	2.	Projects will be conducted within	the North Ce	ntral Coast Air Basin.
<u>X</u>	3. been s	Application is complete in a formation about the open application		o the District and has
<u>X</u>	4.	Proposal does not request more th	an \$200,000	from grant funds.
<u> </u>		Proposal has been submitted by a public agency with on of support.		
<u>X</u>		Project proposal indicates that proje n reductions within 5 years of the gr		
	DEMO	NSTRATION PROJECT - Project	s that introdu	ce new technologies or

lead to long term emission reductions, such as education, public information

and liveable community type projects.

PAGE: 0G

Selection Criteria - Tier II

Projects that have answered yes to all Tier I criteria or been defined as a monstration project may then be evaluated at the Tier II level. Tier II requires that projects insidered for rating at Tier III are part of a policy or program incorporated into the process community or regional program development as approved by a public agency. Tier II also tablishes minimum qualifying information that must be provided to allow assessment of oject emission and congestion reduction benefits while assuring that projects, if funded, will complish the goals as set out in the application for the project's useful life. Check each that oplies:

- I. Project proposal is consistent with 3 comprehensive, targeted program to either reduce overall mobile source emissions or reduce the use of the single occupant vehicle as included in, or consistent with, adopted state, regional or local plans. Project proposal must be consistent with the policy direction of the relevant plan if that plan does not go into a sufficient level of detail that specifically lists the proposed project. (See Attachment 1).
- 2. Project proposal must provide a level of information and definition of assumptions adequate to permit District staff Co assess mobile source emission reductions far ROG, NO, and PM₁₀ (including entrained dust). Information may include, but is not limited to, definition of vehicles miles travelled, trips reduced, average speeds for each part of the trip, number of trips on a daily basis, number of days of use per year, fuel type used for trip, number of pecole served, and other information that may be pertinent to a particular type of project. For alternative fuels, a definition of engine type, vehicle odometer reading and engine group should be included;
- X
 3. Project proposals for retrofits, replacement of equipment and purchase of new equipment must meet or exceed approved California Air Resource

 Board standards for engines and vehicle classes in the target year (average year of project useful life) of the proposed project.
- 4. Project proposal does not include any funds for preparation of application, preliminary work related to obtaining a grant or for project administration if awarded a grant.

ATTACHMENT 18 - PAGE 2

Grant Application For Santa Cruz County Human Resources Agency (Agency Name & Project Title) Connections Shuttle

- X 5. Project proposal clearly indicates all contributors to the project, and funds have been affirmed by a formal action of a policy board with the authority to commit those funds.
- X 6. Project applicant has submitted a written commitment and shown to have the ability to maintain the funded project for the stated useful life.
- C. List of Program Documents where project is supported:

Document Title	<u>Publication</u> <u>Date</u>	<u>Page(s)</u> Where Cited
Congestion MGMT Plan	1996	2,3,7,8,9,11,12,20,47
Regional Transp. Plan	1994	2-3,2-5,2-12,2-13,2-32, 2-33,2-39,2-40
AQMP	1994	5-10,5-11

Note: Meeting Criteria requirements does not guarantee funding for those projects that have previously received an AB 2766 Motor Vehicle Emissions Reduction Program allocation or for projects designed to request multiple funding cycle allocations. Allocation decisions are the sole responsibility of the Board of Directors who use these criteria as quidance when granting awards.

ATTACHMENTIC - EMISSIONS REDUCTION WORKSHEET FY 1998-99 AB 2766 MOTOR VEHICLE EMISSIONS REDUCTION PROGRAM

Project	Title	Connections	Shuttle	Agency	Santa	Cruz	County	Human	
				_ •	Res	ources	s Agency	7	

Use this worksheet to provide emissions reduction calculations and assumptions used to calculate reductions of ROG, NO_x and PM₁₀.

I. Final Emission Reduction Results:

8.	Useful Life (in years)	5	
b.	VMT & Trips Saved Over Useful Life:	2,340,000	156,000
	_ 1, _	(VMT)	(Trips)
C.	Year Emission Savings Start:		1999

d.	Emission Savings (tons):	ROG	3,107
	- , ,	NO.	3,790
		PM,,	1,366

e. Methodology Used Vanpools & Shuttles

(Cite Section Of Emissions Calculation Document Or As Proposed Methodology)

II. Assumptions:

Days of operation: 5 days/week x 52 weeks = 260 days
Ridership: 48 riders/day(both directions) x5 vans=240 total tripsperday
Annual trips: 4 trips per day per van x260 days = 5200 annualtrips
Annual miles: 80 miles/day/van x 5 vans x 260 days = 104,000 annual miles
Auto trip length: 15 miles one direction/trip

III. Calculations:

Length of auto trips reduced: default $15\,\mathrm{miles}$ one way set for shuttles Adjustments for auto trips to shuttle stop set at zero, as the service will be from door-to-dor or door-to-bus stop service.

Methodologies to find Cost-Effectiveness of Air Quality Projects

XV: Cost Effectiveness:

(Use Additional Blank Worksheet Pages As Needed. Label Each In Order of Presentation)

ATTACHMENT 1D - DISTRICT SCORING PARAMETERS FY1998-99 AB 2766 MOTOR VEHICLE EMISSIONS REDUCTION PROGRAM

Project Title Santa Cruz County Agency Santa Cruz County Human
Connections Shuttle Resources Agency
Tier III - Project Scoring

Tier III - Project Scoring (Tad Maximum Score Is 100 Points)

Projects • &3t have passed the minimum qualifications-test of Tier I and Tier II and provide a complete Attachment I C worksheet cm be rated on a points basis in Tier III. Point assignment levels include:

Point Score

1. Cost of reducing emissions in tons of pollutants over the useful life:

\$ I-	s 2,000	50
s 2,001 -	s 3,500	30
\$ 3,501 -	\$10,000	20
\$10,001 -	\$15,000	d^6
\$15,001 -	~20,000	.U s
520,001 -	Greater	0

2. Project reduces annual Vehicle Miles Travelled By:

1,000,000		Or More	(j),
500,001		1,000,000	€ 3
250,001		~00,000	6
100,001	-	250,000	4
50,00 I		100,000	2.
I		50,000	0

3. Is project a Transportation Control Measure (TCM) in 1994 AQ 2000 200 NO 0

4. Grant Request is percent of total project costs:

(20)
<u> I</u>
3
2
0

CHECK HERE IF DEMONSTRATION PROJECT - DO NOT SCORE CATEGORIES