

# CONTRACT ROUTING SHEET

Date Prepared: 5-6-09

Need Date: \_\_\_\_\_

### PROCESSING DEPARTMENT:

Department: Environmental Mgmt

Dept. Contact: Linda Milligin

Phone #: 6668

Department \_\_\_\_\_

Head Signature: [Signature]

### CONTRACTOR:

Name: EDC Transit Authority

Address: 6565 Commerce Way

Diamond Springs, CA 95619

Phone: \_\_\_\_\_

### CONTRACTING DEPARTMENT:

EMD Air Quality Projects 422200

Service Requested: Review of agreement regarding AB2766 funding for Transit Apple Hill Shuttle.

Contract Term: October 31, 2009 Contract/Amendment Value: \$52,216.00

Compliance with Human Resources requirements? Yes:  No:

Compliance verified by: N/A

### COUNTY COUNSEL: (Must approve all contracts and MOU's)

Approved:  Disapproved:  Date: 5/11/09 By: [Signature]

Approved:  Disapproved:  Date: \_\_\_\_\_ By: \_\_\_\_\_

Consider requiring insurance.

09 MAY 12 AM 91  
HUMAN RESOURCES DEPT

### RISK MANAGEMENT: (All contracts and MOU's except boilerplate grant funding agreements)

Approved:  Disapproved:  Date: 5/12/09 By: [Signature]

Approved:  Disapproved:  Date: \_\_\_\_\_ By: \_\_\_\_\_

### OTHER APPROVAL: (Specify department(s) participating or directly affected by this contract).

Departments: \_\_\_\_\_

Approved:  Disapproved:  Date: \_\_\_\_\_ By: \_\_\_\_\_

Approved:  Disapproved:  Date: \_\_\_\_\_ By: \_\_\_\_\_

**FUNDING AGREEMENT NO. 005-DMV-09/10-BOS  
WITH EL DORADO COUNTY TRANSIT AUTHORITY**

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**This Agreement No. 005-DMV-09/10-BOS** made and entered by and between the **EL DORADO COUNTY AIR QUALITY MANAGEMENT DISTRICT**, a county air pollution control district formed pursuant to California Health and Safety Code section 40100, et seq. (hereinafter referred to as "AQMD"); and El Dorado County Transit Authority. (hereinafter referred to as "CONTRACTOR");

**WITNESSETH:**

**WHEREAS**, the California Clean Air Act requires local air pollution control districts to reduce emissions from motor vehicles; and

**WHEREAS**, AB2766, codified in California Health and Safety Code section 44220, et seq., authorizes districts to impose a fee of up to four dollars upon certain registered motor vehicles within the AQMD, and the Governing Board of the AQMD has imposed said fee; and

**WHEREAS**, said legislation requires the AQMD to use said funds for activities related to reducing air pollution from motor vehicles and for related planning, monitoring, enforcement, and technical studies necessary for the implementation of the California Clean Air Act of 1988; and

**WHEREAS**, CONTRACTOR has proposed a Project that meets the eligibility criteria of the AQMD and that has been approved by AQMD for funding; and

**WHEREAS**, CONTRACTOR represents that it is willing and able to perform the activities set forth herein.

**NOW, THEREFORE**, AQMD and CONTRACTOR mutually agree as follows:

## **1. PROJECT**

CONTRACTOR shall perform all activities and work necessary to complete the Apple Hill Shuttle Project (hereinafter referred to as "Project") set forth in the fully described "Proposal" attached hereto as Exhibit A and incorporated herein by this reference. CONTRACTOR agrees to furnish all labor, materials, equipment, licenses, permits, fees, and other incidentals necessary to perform and complete, per schedule, in a professional manner, the services described herein. CONTRACTOR represents that CONTRACTOR has the expertise necessary to adequately perform the Project specified in said Proposal.

In the event of any conflict between or among the terms and conditions of this Agreement, the Proposal incorporated herein, and the documents referred to and incorporated herein, such conflict shall be resolved by giving precedence in the following order of priority:

1. To the text of this Agreement;
2. Proposal to this Agreement; and
3. To the "Motor Vehicle Emission Reduction Projects Request for Proposals" (RFP) released to Interested Parties by the AQMD and dated 2009-2010.

## **2. PERIOD OF PERFORMANCE/TIMETABLE**

CONTRACTOR shall commence performance of work and produce all work products in accordance with the Work Statement and deadlines for performance identified in the Proposal of this Agreement, unless this Agreement is terminated sooner as provided for elsewhere in this Agreement.

If requested by the AQMD, CONTRACTOR shall submit regular progress reports, at intervals determined by the AQMD, detailing the work performed during the current reporting period; work

planned for the next reporting period; problems identified, solved, and/or unresolved; and the percentage of each task completed. CONTRACTOR shall provide AQMD with a comprehensive final written report prior to the end of Agreement term. Said final report shall be complete and shall document the work performed under this Agreement.

### **3. TERM**

The term of this Agreement shall be for the period of October 1, 2009 through October 31, 2009 unless terminated earlier in accordance with Article 7, Termination.

### **4. COMPENSATION**

AQMD will pay the CONTRACTOR the sum of FIFTY TWO THOUSAND, TWO HUNDRED SIXTEEN DOLLARS AND NO CENTS (\$52,216.00) as follows:

CONTRACTOR shall obtain through other sources sufficient additional monies to fund the total cost of the Project as outlined in the Proposal. Satisfactory written evidence of such funding commitments shall be provided to AQMD prior to the release by AQMD of any funds under this Agreement. In the event funding from other sources for the total cost of the Project is not received by CONTRACTOR, AQMD reserves the right to terminate or renegotiate this Agreement. In accordance with Section 44233 of the California Health and Safety Code, CONTRACTOR agrees to limit expenditure of funds for the purpose of administration to not more than five percent of the monies distributed to CONTRACTOR. The AQMD is not obligated to pay CONTRACTOR for administrative costs exceeding five percent of the actual total cost of the Project.

The total obligation of the AQMD under this Agreement SHALL NOT EXCEED FIFTY TWO THOUSAND, TWO HUNDRED SIXTEEN DOLLARS AND NO CENTS (\$52,216.00).

A. **PAYMENTS:** Advance payments shall not be permitted. Payments will be permitted only at which time an equivalent service has been completed. The AQMD shall reimburse CONTRACTOR quarterly, in arrears, after receipt and verification submitted to El Dorado COUNTY Air Quality Management District, Attention: Marcella McTaggart. Payment shall be made to CONTRACTOR by the AQMD upon submission and evaluation of the CONTRACTOR'S invoice of claim. Said invoice of claim shall set forth the work completed pursuant to this Agreement.

Upon receipt of proper documentation, and verification that CONTRACTOR has satisfactorily completed the work for which compensation is sought and that the work is in accordance with the Exhibit Summary Sheet attached hereto, AQMD will issue payment to CONTRACTOR within forty five (45) calendar days of verification.

The amount to be paid to CONTRACTOR under this Agreement includes all sales and use taxes incurred pursuant to this Agreement, if any, including any such taxes due on equipment purchased by the CONTRACTOR. The CONTRACTOR shall not receive additional compensation for reimbursement of such taxes and shall not decrease work to compensate therefore.

Concurrently with the submission of any claim for payment, CONTRACTOR shall certify (through copies of invoices issued, checks, receipts, and the like) that complete payment has been made to any and all subcontractors as provided.

It is understood that all expenses incidental to CONTRACTOR'S performance of services under this Agreement shall be borne exclusively by CONTRACTOR.

In no event shall compensation paid by the AQMD to the CONTRACTOR for the performance of all services and activities under this Agreement exceed the amount set forth in paragraph 4 COMPENSATION.

**B. Surplus Funds:** Any compensation under this agreement, which is not expended by CONTRACTOR pursuant to the terms and conditions of this Agreement by the Project completion date, shall automatically revert to the AQMD. Only expenditures incurred by the CONTRACTOR in the direct performance of this Agreement will be reimbursed by the AQMD. Allowable expenditures under this Agreement are specifically established and included in the Proposal.

**C. Closeout Period:** All final claims shall be submitted by CONTRACTOR within sixty (60) days following the final month of activities for which payment is claimed. No action will be taken by AQMD on claims submitted beyond the 60-day closeout period.

## **5 NON-ALLOCATION OF FUNDS**

The terms of this Agreement and the services to be provided thereunder are contingent on the approval of funds by the appropriating government agency. Should sufficient funds not be allocated, the services provided may be modified or this Agreement terminated at any time by giving the CONTRACTOR thirty (30) days prior written notice.

## **6 INDEPENDENT CONTRACTOR LIABILITY**

CONTRACTOR is, and shall be at all times, deemed independent and shall be wholly responsible for the acts of CONTRACTOR'S employees, associates, and subcontractors, in connection with the installation, operation, use and maintenance of the Project.

## 7. TERMINATION

A. **Breach of Agreement:** AQMD may immediately suspend or terminate this Agreement, in whole or in part, where in the determination of the AQMD there is:

1. An illegal or improper use of funds;
2. A failure to comply with any term of this Agreement;
3. A substantially incorrect or incomplete report submitted to the AQMD; or
4. Improperly performed services.

In no event shall any payment by the AQMD constitute a waiver by the AQMD of any breach of this Agreement or any default, which may then exist on the part of the CONTRACTOR. Neither shall such payment impair or prejudice any remedy available to the AQMD with respect to the breach or default. The AQMD shall have the right to demand of the CONTRACTOR the repayment to the AQMD of any funds disbursed to the CONTRACTOR under this Agreement which in the judgment of the AQMD were not expended in accordance with the terms of this Agreement. The CONTRACTOR shall promptly refund any such funds upon demand.

In addition to immediate suspension or termination, AQMD may impose any other remedies available at law, in equity, or otherwise specified in this Agreement.

B. **Without Cause:** Either party may terminate this Agreement at any time upon giving the other party at least thirty (30) days advance, written notice of intention to terminate. In such case, the AQMD shall, subject to paragraph 4, pay its pro rata share of the reasonable value of all services satisfactorily rendered and actual, reasonable costs incurred up to the time of the termination. Upon such termination, all the work product produced by CONTRACTOR shall be promptly delivered to the AQMD.

## **8. CHANGES TO AGREEMENT**

This Agreement may be amended by mutual consent of the parties hereto. Said amendments shall become effective only when in writing and fully executed by duly authorized officers of the parties hereto.

## **9. INDEMNIFICATION**

CONTRACTOR shall defend, indemnify, and hold the AQMD harmless against and from any and all claims, suits, losses, damages and liability for damages of every name, kind and description, including attorneys fees and costs incurred, brought for, or on account of, injuries to or death of any person, including but not limited to workers, AQMD employees, and the public, or damage to property, or any economic or consequential losses, which are claimed to or in any way arise out of or are connected with the CONTRACTOR'S activities and work necessary to complete the Project unless such claim, loss, damage, injury or death is the result of the sole or active negligence of the AQMD. This duty of CONTRACTOR to indemnify and save AQMD harmless includes the duties to defend set forth in California Civil Code, Section 2778.

AQMD shall indemnify CONTRACTOR against and hold it harmless from any loss, damage, and liability for damages, including attorney fees and other costs of defense incurred by CONTRACTOR, whether for damage to or loss of property, or injury to or death of CONTRACTOR'S officer's, agents, or employees which shall in any way arise out of or be connected with AQMD's performance of its obligations hereunder, unless such damage, loss, injury, or death shall be caused by the sole or active by negligence of the CONTRACTOR.



## **10. AUDITS AND INSPECTIONS**

CONTRACTOR shall at any time during regular business hours, and as often as AQMD may deem necessary, make available to AQMD for examination all of CONTRACTOR'S records and data with respect to the matters covered by this Agreement. CONTRACTOR shall, and upon request by AQMD, permit AQMD to audit and inspect all of such records and data necessary to ensure CONTRACTOR'S compliance with the terms of this Agreement. CONTRACTOR shall be subject to an audit by AQMD or its authorized representative to determine if the revenues received by CONTRACTOR were spent for the reduction of pollution as provided in AB 2766 and to determine whether said funds were utilized as provided by law and this Agreement. If, after audit, AQMD makes a determination that funds provided CONTRACTOR pursuant to this Agreement were not spent in conformance with this Agreement, or AB 2766 or any other applicable provisions of law, CONTRACTOR agrees to immediately reimburse AQMD all funds determined to have been expended not in conformance with said provisions.

CONTRACTOR shall retain all records and data for activities performed under this Agreement for at least three (3) years from the date of final payment under this Agreement or until all state and federal audits are completed for that fiscal year, whichever is later.

Because this Agreement exceeds Ten Thousand Dollars (\$10,000), CONTRACTOR shall be subject to the examination and audit of the State Auditor for a period of three (3) years after final payment under Agreement (Government Code Section 10532).

**11. NOTICES TO PARTIES**

All notices to be given by the parties hereto shall be in writing and served by depositing same in the United States Post Office, postage prepaid and return receipt requested. Notices shall be in duplicate and addressed as follows:

**CONTRACTOR**

El Dorado County Transit Authority  
6565 Commerce Way  
Diamond Springs, CA 95619  
Attn: Mindy Jackson  
Transit Director

**AQMD**

El Dorado County  
Air Quality Management District  
2850 Fairlane Court  
Placerville, CA 95667  
Attn: Marcella McTaggart,  
Air Pollution Control Officer

**12. TIME IS OF THE ESSENCE**

It is understood that for CONTRACTOR'S performance under this Agreement, time is of the essence. The parties reasonably anticipate that CONTRACTOR will, to the reasonable satisfaction of the AQMD, complete all activities provided herein within the time schedule outlined in the Proposals to this Agreement.

**13. COMPLIANCE WITH APPLICABLE LAWS**

CONTRACTOR will comply with all federal, State, and local laws and ordinances which are or may be applicable to the PROJECT to be undertaken by the CONTRACTOR including but not limited to California Health and Safety Code sections 44220 et seq, all Air Resources Board and AQMD criteria there under, prevailing wage and work day definitions where applicable, contracting license requirements and permits.

**14. NO THIRD-PARTY BENEFICIARIES**

Nothing in this Agreement shall be construed to create any rights of any kind or nature in any other party not a named party to this Agreement.

**15. VENUE**

Any dispute resolution action arising out of this Agreement, including but not limited to litigation, mediation, or arbitration, shall be brought in El Dorado County, California, and shall be resolved in accordance with the laws of the State of California. CONTRACTOR waives any removal rights it might have under Code of Civil Procedure section 394.

**16. ENTIRE AGREEMENT**

This document and the documents referred to herein or exhibits hereto are the entire Agreement between the parties and they incorporate or supersede all prior written or oral Agreements or understandings.

**17. AGREEMENT ADMINISTRATOR**

The AQMD Officer or employee with responsibility for administration of this Agreement is Marcella McTaggart, Air Pollution Control Officer or her successor. The CONTRACTOR Officer or employee with responsibility for administration of this Agreement is Mindy Jackson, El Dorado County Transit Director.


**18. AUTHORIZED SIGNATURES**

The parties to this Agreement represent that the undersigned individuals executing this Agreement on their respective behalf are fully authorized to do so by law or other appropriate instrument and to bind upon said parties to the obligations set forth herein.

**19. PARTIAL INVALIDITY**


If any provision of this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions will continue in full force and effect without being impaired or invalidated in any way.

**AGREEMENT ADMINISTRATOR CONCURRENCE:**

By:  Dated: 05-18-2009

**Marcella McTaggart  
Air Pollution Control Officer  
El Dorado County Air Quality Management District**

**REQUESTING DEPARTMENT CONCURRENCE:**

By:  Dated: 05-18-2009

**Marcella McTaggart  
Air Pollution Control Officer  
El Dorado County Air Quality Management District**

By:  Dated: 05-19-2009

**Gerri Silva, M.S., R.E.H.S  
Director  
El Dorado County Environmental Management Department**

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed as of the day and year first herein below written.

**CONTRACTOR  
EL DORADO COUNTY  
TRANSIT AUTHORITY**

**AQMD  
EL DORADO COUNTY  
AIR QUALITY MANAGEMENT DISTRICT**

Date: 5/15/09

Date: \_\_\_\_\_

By: *Mindy Jackson*  
Mindy Jackson  
Transit Director

By: \_\_\_\_\_

Chair

Attest:  
Suzanne Allen de Sanchez  
Clerk of the Board

Date: \_\_\_\_\_

By: \_\_\_\_\_

**EXHIBIT "A"**

**PROPOSAL**

## EXHIBIT SUMMARY SHEET

**Applicant:** El Dorado County Transit Authority  
**Contact Person:** Matt Mauk, Transit Services Assistant  
**Address:** 6565 Commerce Way, Diamond Springs, CA 95619  
**Telephone#:** (530) 642-5383 ext. 201      **Fax# (optional):** (530) 622-2877

Project Budget	AB2766 Funds	\$ Matching Funds	In-Kind Match	Total Project Costs
Materials	\$	\$	\$	\$
Personnel	\$	\$	\$	\$
Other	\$52,216	\$4,227	\$1,575	\$58,018
<b>TOTAL</b>	<b>\$52,216</b>	<b>\$4,227</b>	<b>\$1,575</b>	<b>\$58,018</b>

Alternative Project Budget	AB2766 Funds	\$ Matching Funds	In-Kind Match	Total Project Costs
Materials	\$	\$	\$	\$
Personnel	\$	\$	\$	\$
Other	\$	\$	\$	\$
<b>TOTAL</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>

Estimated Emission Reductions/Costs-Effectiveness	As Proposed	Alternate Funding Level
Useful Life of Project (years)	1	NA
Total Lifetime Emissions Reduced (lbs. of ROG, NOx, PM-10)	650.31 lbs.	NA
Annualized Cost-Effectiveness (total project costs)	\$91.89/lb.	NA
Annualized Cost-Effectiveness (AQMD Funded project costs)	\$82.70/lb.	NA

**Brief Project Description:** Apple Hill® Shuttle 2009. El Dorado Transit to provide weekend shuttle service within the Apple Hill® area during the month of October.



## REQUEST FOR PROPOSAL CONTENTS CHECKLIST

Applicant: El Dorado County Transit Authority

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**Please complete and attach this checklist with your application.**

- X Exhibit Summary Sheet – page 1
- X Request for Proposal Contents Checklist – page 2
- X Authorization Letter/Resolution – pages 3-5
- X Project Description – page 6
- X Project Organization/Background – page 7
- X Emission Benefits/Cost Effectiveness – pages 8-9
- X Work Statement – page 10
- X Funding Request/Cost Breakdown – page 11
- X Matching Funds – page 11
- X Schedule of Deliverables/Self-Monitoring Program – page 12
- X 2 Copies of Proposal

Appendix A Excerpts from: Methods to Find the Cost-Effectiveness of Funding Air Quality Projects May 2005 Edition.

Appendix B Sample of Project Report

Appendix C Letters of Support

Appendix D Samples of Paid Advertising/Articles



# EL DORADO TRANSIT

6565 COMMERCE WAY  
DIAMOND SPRINGS, CA 95619-9454  
(530) 642-5383  
FAX (530) 622-BUSS  
[www.eldoradotransit.com](http://www.eldoradotransit.com)

March 23, 2009

Ms. Marcella McTaggart, Air Pollution Control Officer  
El Dorado County Air Quality Management District  
2850 Fairlane Court  
Placerville, CA 95667

Re: AB2766 Motor Vehicle Emission Reduction Projects FY 2009/2010  
Apple Hill® Shuttle 2009

Dear Ms. McTaggart:

The El Dorado County Transit Authority (El Dorado Transit) is submitting an application for AB2766 Motor Vehicle Emission Reduction Project funding for 2009/2010. El Dorado Transit Resolution No. 09-08 (copy attached), authorizes the submission of the application.

Contact person: Matt Mauk, Transit Services Assistant  
El Dorado County Transit Authority  
6565 Commerce Way  
Diamond Springs, CA 95619  
Phone: (530) 642-5383 Extension 201  
Email: [mmauk@eldoradotransit.com](mailto:mmauk@eldoradotransit.com)

The El Dorado County Transit Authority will administer the project.

The El Dorado County Transit Authority will provide a weekend shuttle service within the Apple Hill® area during the month of October 2009. This shuttle will provide an alternative to traveling by automobile and will reduce automobile congestion and the associated emissions.

We appreciate your consideration regarding our proposal and request that this project be approved for funding.

Sincerely,

Mindy Jackson  
Executive Director

**EL DORADO COUNTY TRANSIT AUTHORITY  
RESOLUTION NO. 09-08**

**RESOLUTION OF THE BOARD OF DIRECTORS OF  
THE EL DORADO COUNTY TRANSIT AUTHORITY  
TO SUBMIT A PROPOSAL FOR  
ASSEMBLY BILL 2766 (AB 2766)  
MOTOR VEHICLE EMISSION REDUCTION PROJECTS**

**WHEREAS**, the California Clean Air Act requires local air pollution control districts to reduce emissions from motor vehicles; and

**WHEREAS**, AB 2766, codified in California Health and Safety Code section 44223, authorizes districts to impose a fee of up to four dollars upon certain registered motor vehicles within the district, and the Governing Board of the El Dorado County Air Quality Management District (EDC AQMD) has imposed said fee; and

**WHEREAS**, said legislation requires the EDC AQMD to use said funds for activities related to reducing air pollution from motor vehicles and for related planning, monitoring, enforcement, and technical studies necessary for the implementation of the California Clean Air Act of 1988; and

**WHEREAS**, El Dorado County Transit Authority (EDCTA) is an eligible applicant for AB 2766 projects; and

**WHEREAS**, the EDC AQMD has published a request for proposals for AB 2766 funding; and

**WHEREAS**, EDCTA will prepare grant applications for projects;

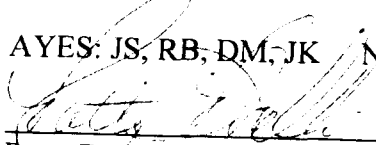
**BE IT HEREBY RESOLVED AND ORDERED**, that the Chairman of the EDCTA is hereby authorized and directed to submit proposals for Assembly Bill 2766, Motor Vehicle Emission Reduction Projects, and to execute all necessary actions to carry out the purpose of this resolution;

**BE IT FURTHER RESOLVED**, that the Transit Services Assistant Matt Mauk be the contact person at the El Dorado County Transit Authority, 6565 Commerce Way, Diamond Springs, California 95619, (530) 642-5383 extension 201, and that Executive Director Mindy Jackson shall be authorized to execute all documentation resulting from these Applications;

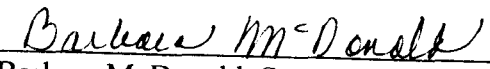
**BE IT FURTHER RESOLVED**, that El Dorado County Transit Authority will make all reasonable efforts to include matching funds in the proposed budget for Fiscal Years 2009/2010 and 2010/2011.

**PASSED AND ADOPTED BY THE GOVERNING BOARD OF THE EL DORADO COUNTY TRANSIT AUTHORITY** at a regular meeting of said Board, held on the 19th day of March 2009, by the following vote of said Board:

AYES: JS, RB, DM, JK    NOES:    0            ABSTAIN:    0            ABSENT: PB

  
\_\_\_\_\_  
Patty Borelli, EDCTA Chair

ATTEST:

  
\_\_\_\_\_  
Barbara McDonald, Secretary to the EDCTA Board

## PROJECT DESCRIPTION

### Objectives

If approved for funding, the Apple Hill® Shuttle will significantly reduce traffic congestion; lower emissions related to cold starts and provide a safe comfortable ride through the Apple Hill® area. The shuttle will provide a regional mitigation to traffic congestion on rural roads in Camino and relief to State Highway 50 west of Placerville and east of Camino.

### Scope of Work

El Dorado Transit in collaboration with the Apple Hill® Growers Association proposes to provide a shuttle along the Apple Hill® scenic drive on weekends during the month of October 2009. The shuttle will be a continuous loop between two (2) parking facilities and several Apple Hill® ranches and wineries. The shuttle will operate from 10:00 a.m. until 5:00 p.m. Saturday and Sunday, weather permitting. The shuttle buses will board passengers at each safe location every fifteen (15) to twenty (20) minutes depending upon traffic.

El Dorado Transit will provide the following with grant funding:

- Five (5) 45 passenger buses
- One (1) trolley
- Coordination of information provided Apple Hill® Growers Association
- Press releases, advertising and website notification
- Transit drivers
- Support staff: transportation supervisors, dispatchers and project manager
- Associated overhead costs
- Portable restroom at parking lots
- Shuttle signage and installation of signs at safe stops along scenic route

Apple Hill® Growers Association will provide matching funding and advertising in the following:

- Cider Press; a ranch marketing publication with a distribution of 200,000 throughout the states of California and Nevada
- Shuttle information to be included on all Apple Hill® maps (an additional 200,000 distributed)
- Apple Hill® Growers Association website will include information on the shuttle

El Dorado Transit is an experienced shuttle operator and has provided an Apple Hill® Shuttle from 1988 through 2000 and 2003 through 2008, as well as annual shuttle service for the El Dorado County Fair. The 2008 Apple Hill® Shuttle provided 12,054 passenger trips, with a total project cost of \$51,143. Ridership is directly influenced by the weather therefore, on inclement weekends. El Dorado Transit reserves the right to cancel or reduce service.

## PROJECT ORGANIZATION/BACKGROUND

### Project Organization

The El Dorado County Transit Authority, hereafter referred to as "El Dorado Transit," will administer the El Dorado County Air Quality Management District (AQMD) contracts; off-site parking agreements, public liability insurance, vehicle maintenance and support, shuttle vehicles, drivers and appropriate support staffing to assure public safety.

### Background

El Dorado Transit has provided transportation services as the public transit operator for the Western Slope of El Dorado County since 1975. Established as a Joint Powers Agency with the County of El Dorado and the City of Placerville, El Dorado Transit provided 411,752 trips during Fiscal Year 2007/2008. Transportation is provided to the community in the form of local fixed routes; curb-to-curb Dial-A-Ride; Sac-Med non-emergency medical transportation; complementary paratransit in Placerville; commuter routes from Placerville to downtown Sacramento; commuter routes to the Sacramento Light Rail in Folsom and contracted transportation for social service agencies.

El Dorado Transit is an experienced shuttle operator. El Dorado Transit has provided an Apple Hill® Shuttle each year from 1988 through 2000 and 2003 through 2008. The agency also provides annual shuttle service for the El Dorado County Fair. The 2008 Apple Hill® Shuttle provided a record 12,054 passenger trips. Ridership is directly influenced by the weather therefore, on inclement weekends, El Dorado Transit reserves the right to cancel or reduce service.

Eighty-three (83) employees provide transportation services fourteen and one-half (14 ½) hours a day, Monday through Friday, and limited weekend hours. All components necessary to provide public transportation are housed within the Transit Operating Base and Maintenance Facility at 6565 Commerce Way Diamond Springs, California. El Dorado Transit maintains and schedules a fleet of sixty (60) vehicles, including wheelchair accessible mini-vans; lift-equipped buses with capacity ranging from twenty-two (22) up to forty-five (45) passengers, one (1) mobile mechanics' truck and seven (7) staff vehicles. In-house services include operations; dispatching and scheduling; trip planning; vehicle maintenance; transit planning; marketing and full administrative support.

El Dorado Transit management, drivers and staff have a distinguished level of commitment and competence in providing efficient public transportation to the residents of the Western Slope of El Dorado County. Twenty-two (22) Transit Drivers received Safe Driving Awards for Fiscal Year 2007/2008. Management and supervisory employees have completed the accredited Paratransit and Transit Management Program.

## EMISSION BENEFITS/COST EFFECTIVENESS

### Inputs to calculate cost-effectiveness:

Funding Dollars (**Funding**): \$52,216  
Effectiveness Period (**Life**): 1 year  
Days of operation/year (**D**): 8  
Ridership (**R**): 1507 (avg. trips/day in 2008) + 452 (30% avg. increase/year) = 1,959  
Annual Shuttle VMT (**VMT**): 5,278 (total service miles reported from 2008)  
Adjustment (**A**) on Auto Trips: 0.83 (default)  
Auto Trip Length (**L**): 22.9  
Adjustment (**AA**) for Auto Access to and from Shuttle: 0.75 (default)  
Trip Length (**LL**) for Auto Access to and from Shuttle: 5 miles (default)

### Emission Factor Inputs for Auto Travel (from Table 3A)

	Auto Trip End Factor	Auto VMT Factor
ROG Factor	1.143 g/trip	0.424 g/mile
NOx Factor	0.612 g/trip	0.538 g/mile
PM10 Factor	0.008 g/trip	0.218 g/mile

### Emissions Factor Inputs for Shuttle Travel (from Table 2, ULEV, 10,001-14,000 lbs)

	Shuttle VMT Factor
ROG Factor	0.17 g/mile
NOx Factor	0.40 g/mile
PM10	0.27 g/mile

### Calculations:

$$\begin{aligned}\text{Annual Auto Trips Reduced} &= [(D)*(R)*(A)]*[1-(AA)] \\ &= [8*1,959*0.83]*[1-0.75] \\ &= 13,008*0.25 \\ &= \mathbf{3,252 \text{ trips/year}}\end{aligned}$$

$$\begin{aligned}\text{Annual Auto VMT Reduced} &= [(D)*(R)*(A)]*[L-(AA*LL)] \\ &= [8*1,959*0.83]*[22.9-(0.75*5)] \\ &= 13,008*19.15 \\ &= \mathbf{249,103 \text{ miles/year}}\end{aligned}$$

**Annual Emission Reductions -**

$$\begin{aligned} & [(Annual\ Auto\ Trips\ Reduced) * (Auto\ Trip\ End\ Factor) \\ & + (Annual\ Auto\ VMT\ Reduced) * (Auto\ VMT\ Factor) \\ & - (Shuttle\ VMT) * (Shuttle\ VMT\ Factor)] / 454 \end{aligned}$$

**ROG:**  $[(3,252 * 1.143) + (249,103 * 0.424) - (5,278 * 0.17)] / 454 = 238.85\ lbs/year$   
**NOx:**  $[(3,252 * 0.612) + (249,103 * 0.538) - (5,278 * 0.40)] / 454 = 294.93\ lbs/year$   
**PM10:**  $[(3,252 * 0.008) + (249,103 * 0.218) - (5,278 * 0.27)] / 454 = 116.53\ lbs/year$

**Capital Recovery Factor (CRF)** =  $\frac{(1+i)^n(i)}{(1+i)^n - 1}$  where:  $i$  = discount rate (3%)  
 (from Table 8)  $n$  = project life (1 year)

$$\frac{(1 + 0.03)^1(0.03)}{(1 + 0.03)^1 - 1} = \frac{0.0309}{0.0300} = 1.03$$

**Cost Effectiveness of Funding Dollars** =  $(CRF * Funding) / (ROG + NOx + PM10)$

$$\begin{aligned} & = (1.03 * 58,018) / (650.31) \\ & = \mathbf{\$91.89/lb\ (Total\ project\ cost)} \end{aligned}$$

$$\begin{aligned} & = (1.03 * 52,216) / (650.31) \\ & = \mathbf{\$82.70/lb\ (AQMD\ funded\ project\ cost)} \end{aligned}$$

**NOTE:** There will be a considerable reduction in "cold starts" by shuttle passengers. Typically, each automobile is driven to three (3) different growers therefore, when the passengers ride the shuttle versus automobile, there is a reduction of two (2) "cold starts".



## WORK STATEMENT

<u>TIME LINE</u>	<u>PHASE</u>
July, 2009	Contract execution between the El Dorado County AQMD and El Dorado Transit
August-September, 2009	*Distribution of the Cider Press and Apple Hill Map including Shuttle information *Press Releases and advertising regarding Apple Hill® Shuttle including acknowledgement of AB2766 Funding Design and procurement of signage Planning of operations and staff training Information and promotion of Shuttle included on El Dorado Transit and Apple Hill® websites
October, 2009	Provide weekend shuttle service from October 3 <sup>rd</sup> through October 25 <sup>th</sup>
December, 2009	Final Reports and Billing to the El Dorado County AQMD

\*Samples of promotional information and paid advertising are included in Appendix D.

## FUNDING REQUEST/BREAKDOWN OF COST

### Funding Request

El Dorado Transit is requesting allocation of \$52,216 in AB2766 DMV Surcharge funds to this project. This funding will provide for four (4) weekends of shuttle service during October, 2009 and all related maintenance, training, advertising and informational materials. The service will operate from 10:00 a.m. to 5:00 p.m. each day, utilizing six (6) transit vehicles.

### Breakdown of Cost

Item/Service	Total Cost	Source
Shuttle Service Operations	\$41,759	AB2766, Apple Hill® Growers Association and El Dorado Transit
Additional Labor and Maintenance	\$8,031	AB2766 and El Dorado Transit
Training (Coordinators and Driving Staff)	\$5,853	AB2766 and El Dorado Transit
Advertising and Informational Materials	\$2,375	AB2766, Apple Hill® Growers Association and El Dorado Transit
<b>Total Project Cost</b>	<b>Not to Exceed \$58,018</b>	

### MATCHING FUNDS

Item/Service	Matching Funds	Source
Operational Costs and Advertising	\$4,227	Apple Hill® Growers Association
<b>Total Matching Funds</b>	<b>\$4,227</b>	

### IN-KIND MATCH

Item/Service	In-Kind Match	Source
Advertising in Cider Press/Apple Hill Map	\$1,575	Apple Hill® Growers Association
<b>Total In-Kind Matching Funds</b>	<b>\$1,575</b>	

## SCHEDULE OF DELIVERABLES/MONITORING PROGRAM

### DELIVERABLES:

Weekend shuttle service within the Apple Hill® area and all related maintenance, training, advertising and informational materials.

### DATES:

October 3<sup>rd</sup> through 25<sup>th</sup>, 2009

### MONITORING:

Detailed accounting of staff time, vehicle service time, mileage and passenger boarding statistics will be recorded and compiled by El Dorado Transit staff throughout the contracted service period. El Dorado Transit will submit one (1) project report to the El Dorado County AQMD on the overall usage and passenger boarding statistics. A sample form of the 2008 Apple Hill® Project Report is included in Appendix B for review.

**APPENDIX A**

**El Dorado County Transit Authority**

**Excerpts from:**

**Methods to Find Cost-Effectiveness of Funding Air Quality Projects, May 2005**

## Vanpools and Shuttles

**Project definition:** Projects are commuter vanpools; tourist or shopping shuttles; or rail feeders to work sites, homes, or schools. Services are operated by transit agencies, local governments, transportation management associations (TMAs), private businesses, etc. In most cases, the shuttle service must reduce long-distance auto trips or be a cleaner vehicle in order to reduce emissions cost effectively.

**How emissions are reduced:** Emission reductions result from the decrease in emissions associated with auto trips replaced by the vanpool or shuttle service after adjusting for the increase in emissions associated with the shuttle vehicle itself and auto access trips.

**Need to know:**

Funding dollars

Number of operating days per year

Average daily ridership of new service (usually less than 100% occupancy)

Average length of auto trips replaced

Percent of riders who drive to the vanpool or shuttle service

Daily VMT for the new shuttle service

Inputs	Default	Units	Comments
<b>For the Vanpool/Shuttle</b>			
Funding Dollars ( <b>Funding</b> )		dollars	
Effectiveness Period ( <b>Life</b> )	1	years	Years project is funded.
Days ( <b>D</b> )	250	days (of operation)/year	Suggested defaults are weekday vanpools - 250 days, weekday shuttles - 260, daily services - 365 days, school services - 180 to 200 days
Ridership ( <b>R</b> )		total trips (riders)/day	One-way trips by riders (or number of boardings) per day
Annual Van/Shuttle VMT ( <b>Van VMT</b> )		annual miles	
<b>For Auto Travel Reduced</b>			
Adjustment ( <b>A</b> ) on Auto Trips	0.83		This factor equals the portion of riders who did NOT previously use transit, vanpools, or carpools. The default (0.83) is the adjustment for long-distance, commuter vanpool service. For new rail feeders, use 0.3 for the adjustment factor A.
Auto Trip Length ( <b>L</b> )	35	miles one direction/trip	Suggested defaults are vanpools - 35 mi., shuttle trips - 16 mi.

Inputs	Default	Units	Comments
<i>For Auto Travel Added to Access Vanpool/Shuttle</i>			
Adjustment (AA) for Auto Access to and from vanpool/shuttle	0.75		Enter the percentage of riders who drive to the vanpool/shuttle service. The default (0.75) is for long-distance vanpools. For rail feeders, use 0.5..
Trip Length (LL) for Auto Access to and from vanpool/shuttle	5	miles one direction/trip	The default (5 mi) is for long-distance van pools. For rail feeders, use 2 mi.

**Emission Factor Inputs for Auto Travel**

	Default	Units	Default	Units
	Auto Trip End Factor		Auto VMT Factor	
ROG Factor	1.719	grams/trip	0.470	grams/mile
NOx Factor	0.721	"	0.602	"
PM10 Factor	0.014	"	0.218	"

For auto emission factors, see Emission Factors Menu, Tables 3 and 3A. For projects with a 1-year life, use Table 3A. For projects with a life of 2-20 years, use Table 3. Defaults are for a 1-year project (2004), Table 3A.

**Emission Factor Inputs for Van/Shuttle Travel**

	Example	Units
	Van VMT Factor	
ROG Factor	0.14	grams/mile
NOx Factor	0.20	"
PM10 Factor	0.27	"

To select emission factors for van / shuttle travel:

- For model years 1995-2003, refer to Table 7, "Medium-Duty Emission Factors for Vanpools/Shuttles".
- For model years 2004+, refer to Table 2, "Cleaner Vehicle Emission Factors".

Example is for a medium-duty van (weight 8,501 - 10,000 lbs), certified as an ultra-low-emission vehicle (ULEV), model year 2004.

**Formulas**

**Units**

Annual Auto Trip Reduced =  $[(D) * (R) * (A)] * [1 - (AA)]$  trips/year

Annual Auto VMT Reduced =  $[(D) * (R) * (A)] * [(L) - (AA) * (LL)]$  miles/year

Annual Emission Reductions (ROG, NOx, and PM10) = lbs/year

$$\begin{aligned} & [(Annual\ Auto\ Trips\ Reduced) * (Auto\ Trip\ End\ Factor) \\ & + (Annual\ Auto\ VMT\ Reduced) * (Auto\ VMT\ Factor) \\ & - (Van\ VMT) * (Van\ VMT\ Factor)] / 454 \end{aligned}$$

Capital Recovery Factor (CRF) =  $\frac{(1 + i)^n (i)}{(1 + i)^n - 1}$

where:  $i$  = discount rate (Assume 3 percent)  
 $n$  = project life

Cost-Effectiveness of Funding Dollars =  $(CRF * Funding) / (ROG + NOx + PM10)$  dollars/lb

*Note: The Federal Highway Administration requests that emission reductions from CMAQ projects be reported as kilograms/day. The conversion is*  
 $(lbs\ per\ year) / [(2.2) * (365)] = kilograms/day$

**Suburban Vanpool/Carpool Park-and-Ride Lots** **(Method Variation)**

Provision of park-and-ride lots may encourage the formation of vanpools and carpools. The emission reduction benefits from park-and-ride lots can be calculated using the above Vanpools and Shuttles methodology plus the following calculation to estimate Ridership (R).

Ridership (R) =  $(Parking) * (Lot\ Utilization) * (2\ commute\ trips/day)$

Where:

**Parking** is the number of parking spaces for a new parking lot or the number of added spaces to an existing lot. **Lot Utilization** is the estimated lot utilization rate from monitored data OR use 0.75 as a default. Also, when using the vanpool/shuttle methodology for park-and-ride lots, the default for Adjustment (AA) for Auto Access to and from vanpool/shuttle should be 0.9 instead of 0.5.

**Table 2 Cleaner Vehicles Emission Factors (2004+)**  
**For Light-Duty and Medium-Duty Vehicles (Chassis Certified)**  
 Based on LEV II Exhaust Emission Standards

**Baseline Vehicles**

Low-emission light-duty and medium-duty vehicle (LEV) emission factors in grams per mile with 120,000 mile durability					
Weight (lbs.) <sup>1</sup>	ROG	NOx	PM10 <sup>2</sup>		CO
			Exhaust	Total <sup>3</sup>	
0-8500	0.08	0.06	0.01	0.22	3.87
8501-10,000	0.20	0.20	0.12	0.33	6.40
10,001-14,000	0.23	0.40	0.12	0.33	7.30

**Cleaner Vehicles**

Ultra low-emission light-duty and medium-duty vehicle (ULEV) emission factors in grams per mile with 120,000 mile durability					
Weight (lbs.)	ROG	NOx	PM10		CO
			Exhaust	Total	
0-8500	0.05	0.06	0.01	0.22	1.93
8501-10,000	0.14	0.20	0.06	0.27	6.40
10,001-14,000	0.17	0.40	0.06	0.27	7.30

Super ultra low-emission vehicle (SULEV) factors in grams per mile with 120,000 mile durability					
Partial zero emission vehicle (PZEV) with 150,000 mile durability					
Advanced technology zero emission vehicle (AT-PZEV) with 150,000 mile durability					
Weight (lbs.)	ROG	NOx	PM10		CO
			Exhaust	Total	
0-8500	0.01	0.02	0.01	0.22	1.00
8501-10,000	0.10	0.10	0.06	0.27	3.20
10,001-14,000	0.12	0.20	0.06	0.27	3.70

Zero-emission light-duty and medium-duty vehicle (ZEV) emission factors in grams per mile					
Weight (lbs.)	ROG	NOx	PM10		CO
			Exhaust	Total	
All weights	0	0	0	0.21	0

**Source:** Based on California Vehicle Exhaust Standards ("LEV II") for chassis certified vehicles. Factors represent a weighted average of emission standards over a 120,000-mile life; the first 50,000 miles are assessed at the 50,000-mile standard, and the remaining 70,000 miles are assessed at the 120,000-mile standard. The SULEVs exhaust standards apply over the full 120,000 mile life. PZEVs and AT-PZEVs must comply to SULEV standards over 150,000 miles and have near zero evaporative emissions. AT-PZEV must also make use of additional "ZEV enabling" clean technology such as alternative fuel, electric drive, or other advanced technology systems. The PM10 exhaust factors are based on standards; tire wear and brake wear factors are based on EMFAC2002, version 2.2 (Apr03). The road dust portion of the PM10 factor is based on U.S. EPA's Compilation of Air Pollutant Emission Factors (AP-42, January 1995). Silt loading and vehicle weight data used as inputs to EPA's equation are from Improvement of Specific Emission Factors (BACM Project No. 1), Final Report, Midwest Research Institute, March 1996. Vehicle trip reductions may have little, if any effect on road dust emissions from high volume facilities thought to be in equilibrium, i.e., the dust is fully entrained due to the heavy traffic. The road dust PM10 factor, however, may be multiplied times total VMT reductions as it has been scaled down to reflect emissions from lower-volume local and collector roads only.

<sup>1</sup> Gross vehicle weights can be associated with passenger capacity as follows: 5751-8500, roughly 8 passengers; 8501-10,000, roughly 10-15 passengers; 10,001-14,000, roughly 20 passengers or more.

<sup>2</sup> PM10 factors are based on standards for diesel vehicles only. There is no applicable standard for gasoline vehicles; gasoline vehicles are known to emit significantly less PM10.

<sup>3</sup> Total PM10 factors include motor vehicle exhaust, tire wear (0.008 g/m), brake wear (0.013 g/m), and entrained road dust (0.181 g/m).



### Table 3A Average Auto Emission Factors

For use with projects with a 1-year project life

(Fleet of Light-Duty Passenger Vehicles, Light-Duty Trucks, and Motorcycles)

Analysis Period or Project Life	1 Year 2003	1 Year 2004	1 Year 2005
<b>ROG</b>			
VMT (g/mile)	0.523	0.470	0.424
commute trip ends (g/trip end)	1.873	1.719	1.577
average trip ends (g/trip end)	1.364	1.249	1.143
<b>NOx</b>			
VMT (g/mile)	0.686	0.602	0.538
commute trip ends (g/trip end)	0.769	0.721	0.675
average trip ends (g/trip end)	0.695	0.649	0.612
<b>PM10</b>			
VMT (g/mile)	0.218	0.218	0.218
running exhaust only (g/mile)	0.013	0.013	0.013
tire and brake wear (g/mile)	0.021	0.021	0.021
road dust (g/mile)	0.184	0.184	0.184
commute trip ends (g/trip end)	0.014	0.014	0.014
average trip ends (g/trip end)	0.008	0.008	0.008
<b>CO</b>			
VMT (g/mile)	6.190	5.590	5.060
commute trip ends (g/trip end)	16.291	15.008	13.851
average trip ends (g/trip end)	11.834	10.878	10.022

**Source:** EMFAC2002, Version 2.2 (Apr03), statewide, average annual emissions, light-duty cars and trucks plus motorcycles. The rate summary model output report (rts) used for commute trip end calculations is based on temperature 75 degrees F and 50% humidity. The VMT factors equal running exhaust plus running losses divided by daily VMT. The average trip end factors equal statewide start emissions plus hot soak emissions divided by daily trips.

The commute trip end factors are based on an "off-model" calculation that equals statewide start emissions for a commute-type pre-start soak distribution plus hot soak emissions divided by daily trips. The commute trip end factors do not reflect the soak distribution used in EMFAC2002. Instead, the factors are calculated using a special commute-type pre-start soak distribution based on an analysis of the 1991 Statewide Travel Survey for all day home-work and work-home trips.

PM10 VMT factor includes motor vehicle exhaust, tire wear, brake wear, and entrained road dust. The road dust portion of the PM10 factor is based on U.S. EPA's Compilation of Air Pollutant Emission Factors (AP-42, January 1995). Silt loading and vehicle weight data used as inputs to EPA's equation are from Improvement of Specific Emission Factors (BACM Project No. 1), Final Report, Midwest Research Institute, March 1996. Vehicle trip reductions may have little, if any effect on road dust emissions from high volume facilities thought to be in equilibrium, i.e., the dust is fully entrained due to the heavy traffic. The road dust PM10 factor, however, may be multiplied times total VMT reductions as it has been scaled down to reflect emissions from lower-volume local and collector roads only.

**NOTES:** (1) The factors do not include medium-duty vehicles (5751 to 8500 GVW); however, emissions from medium-duty vehicles used as passenger vehicles have an insignificant effect on the average emission factor (1% or less) when added to the emission factors given for light-duty vehicles. (2) Light-duty vehicle emission standards require progressively cleaner fleet average emissions. This accounts for the gradual decrease in fleet average emission factors over time.

**TO USE THE TABLE** to find annual emissions related to travel: 1) select the time period that corresponds to the life of project, 2) multiply annual miles traveled by the VMT factor, 3) multiply the annual number of trips by the trip end factor, 4) add VMT emissions to trip end emissions, 5) divide by 454 grams/lb to get lbs of emissions per year, 6) repeat for each pollutant. (Note: Use the commute trip end factor when analyzing work trips. Use the average trip end factor when analyzing a variety of trip types. The VMT factor is the same in both instances.)

## Table 8 Capital Recovery Factors

The following table gives capital recovery factors that may be used to annualize funding dollars according to project life. Below are the capital recovery factors calculated to two decimal places for a discount rate of 3 percent.

Project Life	Capital Recovery Factor for discount rate of 3%
1 year	1.03
3 years	0.35
5 years	0.22
7 years	0.16
10 years	0.12
12 years	0.10
15 years	0.08
20 years	0.07

The formula for the capital recovery factor is:

$$\text{Capital Recovery Factor (CRF)} = \frac{(1+i)^n(i)}{(1+i)^n - 1} \quad \text{where: } i = \text{discount rate} \\ n = \text{project life}$$

For example, if the project life is 1 year and the discount rate is 3%, then the capital recovery factor equals 1.03.

$$= \frac{(1+i)^n(i)}{(1+i)^n - 1} = \frac{(1+0.03)^1(0.03)}{(1+0.03)^1 - 1} = \frac{0.0309}{0.0300} = 1.03$$

To determine cost-effectiveness, funding dollars are amortized over the expected project life using a discount rate. The amortization formula yields a capital recovery factor, which, when multiplied by the funding, gives the annualized funding for the project over its expected lifetime. The discount rate reflects the opportunity cost of public funds for the clean air programs. This is the level of earnings that could be reasonably expected by investing public funds in various financial instruments, such as U.S. Treasury securities. Cost-effectiveness is determined by dividing annualized funds by annual emission reductions (ROG + NO<sub>x</sub> + PM<sub>10</sub>).

**APPENDIX B**

**El Dorado County Transit Authority**

**Sample Form of Project Report**

**AB2766 PROJECT REPORT**

**Project Name:** Apple Hill® Shuttle 2008

**EDCAQMD Contract No.** 011-DMV-08/09-BOS

**Reporting Period** October 1, 2008 through October 31, 2008

<b>DAYS/DATES</b>	<b>PASSENGER BOARDINGS</b>
Saturday, October 4, 2008	437
Sunday, October 5, 2008	1,125
Saturday, October 11, 2008	1,491
Sunday, October 12, 2008	1,275
Saturday, October 18, 2008	1,625
Sunday, October 19, 2008	1,557
Saturday, October 25, 2008	2,373
Sunday, October 26, 2008	2,171
<b>TOTALS:            8 DAYS</b>	<b>12,054</b>

**APPENDIX C**

**El Dorado County Transit Authority**

**Letters of Support**



March 19, 2009

Ms. Marcella McTaggart  
Air Pollution Control Officer  
El Dorado County Air Quality Management District  
2850 Fairlane Court  
Placerville, CA 95667

Dear Ms. McTaggart,

The El Dorado County Transportation Commission (EDCTC) supports the El Dorado County Transit Authority (EDCTA) request for AB 2766 grant program funds to continue operation of a shuttle in the Apple Hill® region during October 2009. The Apple Hill® Shuttle has been in operation each year during the fall since 1988, with the exception of 2001 and 2002 due to lack of funding. The shuttle's ridership has increased steadily, including last year wherein ridership went up from 10,621 passenger trips in 2007 to 12,054 in 2008.

As the Regional Transportation Planning Agency for El Dorado County, EDCTC strives to improve transportation options for area travelers. One of the overall goals identified in the EDCTC Regional Transportation Plan is to provide effective, convenient, coordinated transit service that serves employment centers, activity centers and facilities, and offers a viable option to single occupant vehicle travel. The weekend shuttle will provide a convenient, pleasant alternative to traveling by automobile, which typically places visitors in heavy traffic, waiting for available parking in overcrowded lots.

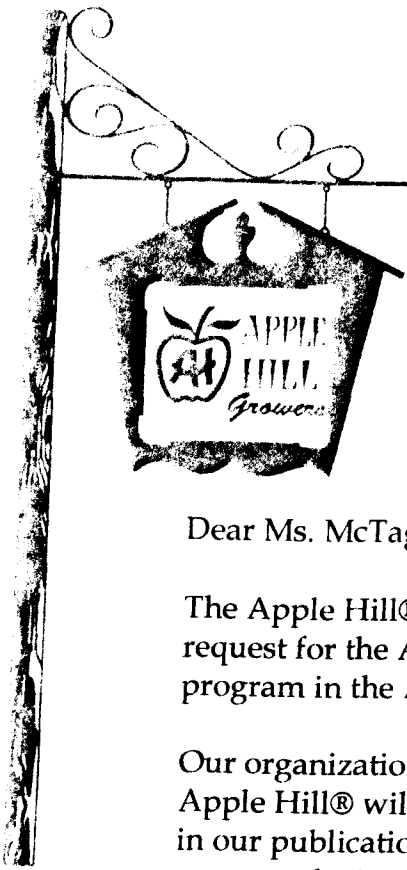
The Apple Hill® Shuttle offers passengers the convenience of reduced drive times between orchards, ranches and wineries, subsequently reducing congestion and lowering emissions related to cold starts. By providing alternative transportation to this area, the shuttle reduces traffic congestion on the rural roads of Camino while providing congestion relief to US 50 east of Placerville.

We strongly recommend that the El Dorado County Air Quality Management District approve the EDCTA grant for the implementation of this project. The shuttle meets the objectives of the grant program and will greatly enhance travel through Apple Hill®.

Sincerely,

Kathryn Mathews, AICP  
Executive Director

Cc: Mindy Jackson, Transit Director  
El Dorado County Transit Authority



March 16, 2009

Ms. Marcella McTaggart  
El Dorado County Air Quality Management District  
2850 Fairlane Court  
Placerville, CA 95667  
Re: AB 2766 Grant Program - Apple Hill® Shuttle

Dear Ms. McTaggart:


The Apple Hill® Growers Association supports the El Dorado Transit Authority request for the AB 2766 grant program funds to again implement a shuttle bus program in the Apple Hill® area on October weekends this year.

Our organization has approved the matching funds necessary for the grant. Apple Hill® will also continue to publicize the shuttle program on our website, in our publication, the Cider Press, and highlight the program in the office phone message during the season.

The Apple Hill® shuttle is very popular and has significantly increased its ridership an average of 30% over the last four years. Last year saw the largest usage at 12,054 trips and the addition of a new second shuttle station and second route. This shuttle program helps lower emissions related to cold starts by providing alternative transportation to the area. The shuttle also provides regional mitigation to traffic congestion on the rural roads of Camino while offering traffic relief to State Highway 50 east of Placerville.

We recommend that the El Dorado County Air Quality Management District approve the El Dorado Transit grant to implement this project. The shuttle meets the objectives of the grant program and will greatly improve vehicular travel through Apple Hill®.

Sincerely,

  
Christa Campbell  
Apple Hill® Growers Association President



*Still Finding Gold In El Dorado County*

March 23, 2009

Ms. Marcella McTaggart  
Air Pollution Control Officer  
El Dorado County Air Quality Management District  
2850 Fairlane Court  
Placerville, CA 95667

Dear Ms. McTaggart,

The El Dorado County Chamber of Commerce fully supports the El Dorado County Transit Authority (EDCTA) request for AB 2766 grant program funds to continue operation of a shuttle in the Apple Hill® region during October 2009. The Apple Hill® Shuttle has been in operation each year during the fall since 1988, with the exception of 2001 and 2002 due to lack of funding. The shuttle's ridership has increased steadily, including last year wherein ridership went up from 10,621 passenger trips in 2007 to 12,054 in 2008.

The El Dorado County Chamber of Commerce is an organization of businesses and individuals devoted to preserving the quality of life in El Dorado County by advocating and promoting a strong, healthy and diverse business community. With programs designed to expand our existing business base and to attract new, clean industry, the Chamber helps to ensure that the business opportunities and quality of life we know today may be sustained through future generations. The weekend shuttle will provide a convenient, pleasant alternative to traveling by automobile, which typically places visitors in heavy traffic, waiting for available parking in overcrowded lots.

The Apple Hill® Shuttle offers passengers the convenience of reduced drive times between orchards, ranches and wineries, subsequently reducing congestion and lowering emissions related to cold starts. By providing alternative transportation to this area, the shuttle reduces traffic congestion on the rural roads of Camino in addition to providing congestion relief to State Highway 50 east of Placerville.

We strongly recommend that the El Dorado County Air Quality Management District approve the EDCTA grant for the implementation of this project. The shuttle meets the objectives of the grant program and will greatly enhance travel through Apple Hill®.

Sincerely,

Laurel Brent-Bumb, ACE  
Chief Executive Officer  
El Dorado County Chamber of Commerce

**EL DORADO COUNTY CHAMBER OF COMMERCE**

542 Main Street, Placerville, California 95667  
(530) 621-5885 (800) 457-6279 Fax (530) 642-1624

09-0547.E.40



**APPENDIX D**

**Samples of Paid Advertising/Articles**

**Sources: 2008 Cider Press, and Mountain Democrat, October 17, 2008**

# Still a Free Ride and Twice as Many

The free Apple Hill® Shuttle Bus has been a huge success in the past and set a record for ridership last season. This growing popularity prompted the addition of a new bus route on the eastern end of Apple Hill®.

The new route is shown on the map on pages 24 and 25 of this publication. This new route will take advantage of a

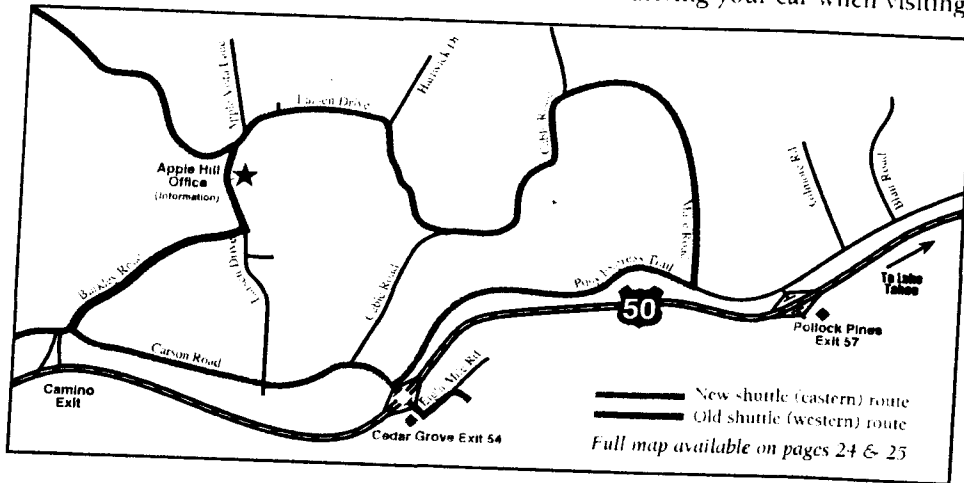
parking and boarding area at the US Forest Service Ranger Station on Eight Mile Road in Camino. This will give visitors a shuttle stop at both the western and eastern ends of the area.

The Apple Hill® Growers and El Dorado Transit have worked together for a number of years to provide a free alternative to driving your car when visiting

the area. The original shuttle site at Schnell School Road will still offer bus rides on October weekends this year.

The hours of operation on October weekends will continue to be 10 AM until 5 PM (weather permitting). The routes will continuously follow the Apple Hill® Scenic Drive and allow visitors to exit at their favorite ranches and easily discover new farms. Most member ranches have bus stops at their ranch entrance. When you want to continue your journey, just hail the next passing bus. Buses are scheduled to arrive every 15 minutes. The new eastern route will utilize four buses, driving counterclockwise on the RED (eastern) route. Two shuttle buses will follow the GREEN (western) loop.

The new shuttle stop and parking area will be at the US Forest Service Ranger Station at 4260 Eight Mile Road. This new route will greatly enhance the



Please see SHUTTLE BUS, page 16

## DOUBLE J RANCH

continued from page 8

where they now live and board horses.

The Double J Ranch is named for the couple's two children. Jeff is a sophomore Business Major at the University of Colorado in Boulder. Jenna is an 8th grader at Camino School and rides her quarter-horse, Cowboy, in Gymkhana barrel racing.

The Speths are researching a wholesale buyer for their organically grown apples and pears, and are now selling through Hangtown Kid Apple Orchard, across the road. The Speth's orchard is also a u-pick ranch through Hangtown Kid.

"John at Hangtown Kid has been so helpful ..." says Steve. "He has shown us the ropes of the apple business."

Steve and Gretchen love the friendliness of the Camino area. "San Clemente and Camino both have their good points... but we're happier here," Gretchen says. "We're relaxed. And we haven't even scratched the surface!"

## SHUTTLE BUS

continued from page 14

opportunity to serve visitors traveling from the Reno/Tahoe area and reduce traffic congestion. The new facility will effectively double the parking capacity of the entire shuttle service.

The Apple Hill® Shuttle is sponsored in part by the El Dorado County Air Quality Management District, El Dorado Transit and the Apple Hill® Growers Association. The shuttle service is free and allows visitors to relax in air conditioned comfort and leave the driving to El Dorado Transit.

### Check the Apple Hill® Website

Find out further details about this exciting new service, available during October weekends in 2008 at

[www.applehill.com](http://www.applehill.com). The map there will provide the latest update on the popular Apple Hill® Shuttle.

The Schnell School free shuttle service is accessed by taking Schnell School exit (#48) off Highway 50 in Placerville.

Ample parking is available at the school parking area on the right-hand side of the road. Signs will show the way.

The US Forest Service free shuttle site will be accessed by taking the Cedar Grove (#54) exit off Highway

50. If approaching from the east, drive under the freeway overpass and follow the signs to the shuttle pick up area. If approaching from the west, take exit #54 and turn right at the stop sign and follow the signs to the shuttle area.

Find out further details about this exciting new service, available during October weekends in 2008 at [www.applehill.com](http://www.applehill.com)



# EL DORADO TRANSIT

4848 COMMERCIAL WAY  
DANFORTH SPRINGS, CA 95719-0411  
(530) 642-5383  
FAX (530) 642-3105  
www.eldoradotransit.com

Friday, October 17, 2008

Mountain Democrat **B-11**

## A TRIP TO THE ORCHARDS IN OCTOBER



### THE FREE APPLE HILL® SHUTTLE

Saturdays and Sundays In October, 10AM to 5PM

Weather Permitting

Shuttles Every 15-20 Minutes, Parking Always Available

From Points West: Take Hwy 50 to Placerville

Exit at Schnell School Road

From Points East: Take Hwy 50 to Camino

Exit at Cedar Grove



Follow the signs to FREE PARKING

Sponsored by the El Dorado County Air Quality Management District  
the Apple Hill Growers® and El Dorado Transit



**EL DORADO TRANSIT**

For details call (530) 642-5383 or visit us at [www.eldoradotransit.com](http://www.eldoradotransit.com)