

CONTRACT ROUTING SHEET

Date Prepared: 04/30/2010

Need Date: 05/15/2010

PROCESSING DEPARTMENT:

Department: Air Quality Management District

Dept. Contact: Marcella McTaggart

Phone #: 5306

Department _____

Head Signature: *opari Suth*

CONTRACTOR:

Name: El Dorado County Transit Authority

Address: 6565 Commerce Way
Diamond Springs, CA 95619

Attn: Mindy Jackson
Executive Director

Phone: (530) 642-5383

CONTRACTING DEPARTMENT: EMD/AQMD-PLEASE CHARGE TO 422100

Service Requested: Review of Contract for Use of AB 2766 Funds

Contract Term: 8/31/2011 Contract/Amendment Value: \$52,582.00

Compliance with Human Resources requirements? Yes: No:

Compliance verified by: _____

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

Approved: Disapproved: Date: 5/18/10 By: *[Signature]*

Approved: Disapproved: Date: _____ By: _____

① Though not legally required consider adding insurance requirement on proof of self insurance.

Approved 5/13/2010

5-21-2010 Insurance verbage added (Article 10) per discussion w/Mit

AM

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

Approved: Disapproved: Date: 5/19/10 By: *[Signature]*

Approved: Disapproved: Date: _____ By: _____

90-6 MAY 19 9:06 AM 2010

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-10/11-BOS
WITH EL DORADO COUNTY TRANSIT AUTHORITY

This Agreement No. 005-DMV-10/11-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, AB 2766, 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 El Dorado County 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 2010-2011.

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, 2010 through October 31, 2010 unless terminated earlier in accordance with Article 7, Termination.

4. COMPENSATION

AQMD will pay the CONTRACTOR the sum of FIFTY TWO THOUSAND EIGHT HUNDRED AND FIFTY TWO DOLLARS AND NO CENTS (\$52,852.00) 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 EIGHT HUNDRED AND FIFTY TWO DOLLARS AND NO CENTS (\$52,852.00).

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 above.

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. INSURANCE

CONTRACTOR shall provide proof of a policy of insurance satisfactory to AQMD and documentation evidencing that CONTRACTOR maintains insurance that meets the following requirements:

- A. Commercial General Liability Insurance of not less than \$1,000,000.00 combined single limit per occurrence for bodily injury and property damage.
- B. Automobile Liability Insurance of not less than \$1,000,000.00 is required in the event motor vehicles are used by the CONTRACTOR in the performance of the Agreement.
- C. CONTRACTOR shall furnish a certificate of insurance satisfactory to the AQMD as evidence that the insurance required above is being maintained.
- D. CONTRACTOR agrees that the insurance required above shall be in effect at all times during the term of this Agreement.

11. 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).

12. 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
Executive Director

AQMD

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

13. 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.

14. 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.

15. 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.

16. 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.

17. 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.

18. 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, Executive Director, or her successor.

19. 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.

20. 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: Marcella McTaggart Dated: 05-26-2010

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

REQUESTING DEPARTMENT CONCURRENCE:

By: Marcella McTaggart Dated: 05-26-2010

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

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

CONTRACTOR

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

Date: 5/26/10

Date: _____

By: Mindy Jackson

By: _____

**Mindy Jackson
Executive Director**

**Chair
Norma Santiago**

**Attest:
Suzanne Allen de Sanchez,
Clerk of the Board**

Date: _____

By: _____

Corrected to 8 days! (for per Matt Hawk)

VANPOOLS AND SHUTTLES

Subcategory: (4c) Transit Operations (new service, shuttles, fuel subsidies)

Air District Name: El Dorado County APCD

Local Government Name: Not Applicable

Project Name: Apple Hill Shuttle

Description:
(Issues/Comments)

Implementing Agency:

Private Agency: No

FUNDING:

MVFees Funding:	\$58,724	MSRC Funding:	\$0
Moyer Funding:	\$0	CMAQ Funding:	\$0
Other CoFunding:	\$4,858		

Capital Recovery Factor: 1.03 **Annual Auto Trips Reduced:** 7,498

Project Analysis Period: 1 years **Annual Auto VMT Reduced:** 574,364

Annual Operating Days (D): 8 days

Daily Ridership (R): 4,517 trips (riders)/day

Annual Van VMT: 5,633 annual miles traveled

Adjustment (A): 0.83 *This factor equals the portion of riders who are NOT vanpool-dependent.*

Replaced Auto Trip Length (L): 22.90 miles in one direction of trip

Adjustment (AA): 0.75 *This factor equals the portion of riders who drive to the vanpool service.*

Auto Access Trip Length (LL): 5.00 miles in one direction of trip

<i>EMISSION FACTORS:</i>	Auto Trip End Factors	Auto VMT Factors	VanVMT Factors
ROG :	0.756 <i>grams</i>	0.273 <i>grams</i>	0.23 <i>grams</i>
NOx :	0.444 <i>per trip</i>	0.320 <i>per mile</i>	1.29 <i>per mile</i>
PM10 :	0.009	0.221	0.27

<i>EMISSION REDUCTIONS:</i>	Pounds per Year	Tons per Year
ROG:	355	0.18
NOx:	396	0.20
PM10:	276	0.14
Total:	1,028	0.51

COST-EFFECTIVENESS OF:

Motor Vehicle Fees and/or Moyer Funds:	\$58.86 per pound	\$117,726 per ton
CMAQ Funds:	\$0.00 per pound	\$0 per ton
All Funding Sources:	\$63.73 per pound	\$127,465 per ton

EXHIBIT SUMMARY SHEET

RECEIVED

MAR 29 2010

AQMD

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	\$58,724	\$3,358	\$1,500	\$63,582
TOTAL	\$58,724	\$3,358	\$1,500	\$63,582

Alternative Project Budget	AB2766 Funds	\$ Matching Funds	In-Kind Match	Total Project Costs
Materials	\$	\$	\$	\$
Personnel	\$	\$	\$	\$
Other	\$43,724	\$3,358	\$1,500	\$48,582
TOTAL	\$43,724	\$3,358	\$1,500	\$48,582

Estimated Emission Reductions/Costs-Effectiveness	As Proposed	Alternate Funding Level
Useful Life of Project (years)	1	1
Total Lifetime Emissions Reduced (lbs. of ROG, NOx, PM-10)	415 lbs.	415 lbs.
Annualized Cost-Effectiveness (total project costs)	\$157.70/lb.	\$120.50/lb.
Annualized Cost-Effectiveness (AQMD Funded project costs)	\$145.65/lb.	\$108.45/lb.

Brief Project Description: Apple Hill® Shuttle 2010. El Dorado Transit to provide weekend shuttle service to the Apple Hill® area during the month of October. Proposed budget includes funding for traffic control measures on US Highway 50 in Camino.

REQUEST FOR PROPOSAL CONTENTS CHECKLIST

Applicant: El Dorado County Transit Authority

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 6-7
- X Project Organization/Background – page 8
- X Emission Benefits/Cost Effectiveness – pages 9-11
- X Work Statement – page 12
- X Funding Request/Cost Breakdown – page 13
- X Matching Funds – page 14
- X Schedule of Deliverables/Self-Monitoring Program – page 15
- X 2 Copies of Proposal

Appendix A Excerpts from: Methods to Find the Cost-Effectiveness of Funding Air Quality Projects, Emission Factor Tables, February 2010.

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

March 16, 2010

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 Project 2010-2011
Apple Hill Shuttle, October 2010

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 2010–2011. El Dorado Transit Resolution No. 10-08 (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

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 2010. The proposed project budget includes funding for the provision of traffic control measures on US Highway 50 in Camino. An alternate project budget, excluding the traffic control portion, is provided for your consideration. This project 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,

A handwritten signature in cursive script that reads "Mindy Jackson".

Mindy Jackson
Executive Director



EL DORADO TRANSIT

6565 COMMERCE WAY
DIAMOND SPRINGS, CA 95619-9
(530) 642-5
FAX (530) 622-B
www.eldoradotransit.c

EL DORADO COUNTY TRANSIT AUTHORITY RESOLUTION NO. 10-08

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 Fiscal Year 2010/11 AB 2766 eligible projects;

BE IT HEREBY RESOLVED AND ORDERED, that the Executive Director is hereby authorized and directed to submit proposals for Assembly Bill 2766, Motor Vehicle Emission Reduction Projects, and to execute all documentation resulting from these applications, 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;

BE IT FURTHER RESOLVED, that El Dorado County Transit Authority will make all reasonable efforts to include matching funds in the proposed project budget for Fiscal Year 2010/11.

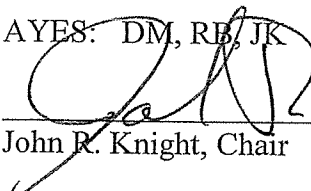
PASSED AND ADOPTED BY THE GOVERNING BOARD OF THE EL DORADO COUNTY TRANSIT AUTHORITY at a regular meeting of said Board, held on the 1st day of April 2010, by the following vote of said Board:

AYES: DM, RB, JK

NOES: 0

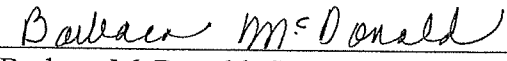
ABSTAIN: 0

ABSENT: PB, JS



John R. Knight, Chair

ATTEST:



Barbara McDonald, Secretary to the Board

PROJECT DESCRIPTION

Objectives

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

El Dorado Transit is an experienced shuttle operator and has provided an Apple Hill® Shuttle from 1988 through 2000 and 2003 through 2009, as well as annual shuttle service for the El Dorado County Fair. The 2009 Apple Hill® Shuttle provided a record 15,058 passenger trips, with a total project cost of \$47,787.28. Ridership is directly influenced by the weather therefore, on inclement weekends, El Dorado Transit reserves the right to cancel or reduce service.

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 2010. The shuttle will be a continuous loop between two (2) parking facilities and several Apple Hill® ranches, farms and wineries. Parking will be provided through agreements with the Placerville Union School District for use of the Louisiana Schnell School parking lot and with the U.S. Forrest Service for use of the Placerville Ranger Station facility. The shuttle will operate from 10:00 a.m. until 5:00 p.m. Saturdays and Sundays, weather permitting. The shuttle buses will board passengers at each safe location about every fifteen (15) to twenty (20) minutes depending upon traffic.

If fully funded, this project will include \$15,000 for the provision of traffic control measures on US Highway 50 in Camino to coincide with the shuttle services. The traffic control will be a coordinated effort through the California Department of Transportation (Caltrans), El Dorado County Department of Transportation (DOT) and the California Highway Patrol (CHP). Traffic control will likely include the closure of up to three (3) exits from eastbound US Highway 50 onto Carson Road in Camino, during peak traffic times. US Highway 50 serves as the primary ingress and egress route for visitors traveling to the Apple Hill® area. During peak times, such as weekends in October, extremely high traffic volume leads to stop-and-go congestion and creates unsafe driving conditions on US Highway 50 and connecting surface streets. Vehicles attempting to turn left from eastbound lanes wait in long lines and eventually cross westbound lanes where the posted speed limit for opposing traffic is 65 miles per hour. The closure of left hand turns from eastbound US Highway 50 and diversion of traffic to existing interchanges will significantly improve traffic flow and safety, mitigate traffic congestion and reduce emissions from excessive vehicle idling.

An alternative project budget is provided in this proposal which includes funding for shuttle operations and excludes funding for traffic control measures as described above. El Dorado Transit will provide the following with either project budget alternative:

- Five (5) 45 passenger buses and one (1) trolley
- Approximately 350 hours of passenger service between two (2) off-site parking locations and approximately thirty (30) ranches, farms and wineries throughout the Apple Hill® area
- Coordination of information provided Apple Hill® Growers Association
- Press releases, advertising and website notification
- Transit drivers
- Support staff: transportation supervisors, coordinators, dispatchers and project manager
- Agreements with local agencies for parking facilities
- Public liability insurance coverage
- Associated overhead costs
- Portable restroom at parking facilities
- Shuttle signage and installation of signs at safe stops along scenic route

Apple Hill® Growers Association will provide matching funds and in-kind advertising, with either project budget alternative, as follows:

- 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 to include information on the shuttle

With full funding, Caltrans, DOT and CHP will provide the following:

- Sufficient equipment and personnel to provide traffic control measures on US Highway 50 and connecting surface streets in Camino, during peak traffic times

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 with the Placerville Union School District and US Forrest Service, public liability insurance, vehicle maintenance and support, shuttle vehicles, drivers and appropriate support staffing to assure public safety. If fully funded, El Dorado Transit will collaborate with Caltrans, DOT and CHP for the provision of traffic control measures to coincide with shuttle operations.

Background

El Dorado Transit has provided public transportation services 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 provides public transportation 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 provided 449,175 passenger trips during Fiscal Year (FY) 2008/2009.

Sixty-nine (69) 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-one (61) vehicles, including wheelchair accessible mini-vans; lift-equipped buses with capacity ranging from twenty-two (22) up to fifty-seven (57) 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-nine (29) Transit Drivers received safe driving commendations for FY 2008/2009. Management and supervisory employees have completed the accredited Paratransit and Transit Management Program.

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 2009. The agency also provides annual shuttle service for the El Dorado County Fair. The 2009 Apple Hill® Shuttle provided a record 15,058 passenger trips. Ridership is directly influenced by the weather therefore, on inclement weekends, El Dorado Transit reserves the right to cancel or reduce service.

Project Budget
including Traffic Control Measures

VANPOOLS AND SHUTTLES

Subcategory: (4c) Transit Operations (new service, shuttles, fuel subsidies)

Air District Name: El Dorado County APCD

Local Government Name: Not Applicable

Project Name: Apple Hill Shuttle, October 2010

Description: Shuttle service from two (2) off-site parking locations to and from scenic Apple Hill during weekends in October 2010. Shuttle will consist of six (6) ULEV deisel vehicles at a time, with capacity for up to forty-five (45) passengers each. Service will be provided Saturdays and Sundays in October, from 10:00 am to 5:00 pm. Project includes provision of traffic control measures on US 50 in Camino to coincide with shuttle operations.

Implementing Agency: El Dorado County Transit Authority **Private Agency:** No

FUNDING:

MVFees Funding:	\$58,724	MSRC Funding:	\$0
Moyer Funding:	\$0	CMAQ Funding:	\$0
Other CoFunding:	\$4,858		

Capital Recovery Factor: 1.03 **Annual Auto Trips Reduced:** 3,749

Project Analysis Period: 1 years **Annual Auto VMT Reduced:** 287,182

Annual Operating Days (D): 4 days

Daily Ridership (R): 4,517 trips (riders)/day

Annual Van VMT: 5,633 annual miles traveled

Adjustment (A): 0.83 *This factor equals the portion of riders who are NOT vanpool-dependent.*

Replaced Auto Trip Length (L): 22.90 miles in one direction of trip

Adjustment (AA): 0.75 *This factor equals the portion of riders who drive to the vanpool service.*

Auto Access Trip Length (LL): 5.00 miles in one direction of trip

EMISSION FACTORS:	Auto Trip End Factors	Auto VMT Factors	VanVMT Factors
ROG :	0.756 <i>grams per trip</i>	0.273 <i>grams per mile</i>	0.17 <i>grams per mile</i>
NOx :	0.444 <i>grams per trip</i>	0.320 <i>grams per mile</i>	0.40 <i>grams per mile</i>
PM10 :	0.009 <i>grams per trip</i>	0.064 <i>grams per mile</i>	0.26 <i>grams per mile</i>

EMISSION REDUCTIONS:	Pounds per Year	Tons per Year
ROG:	177	0.09
NOx:	201	0.10
PM10:	37	0.02
Total:	415	0.21

Project Budget
including Traffic Control Measures

VANPOOLS AND SHUTTLES

Subcategory: (4c) Transit Operations (new service, shuttles, fuel subsidies)

COST-EFFECTIVENESS OF:

Motor Vehicle Fees and/or Moyer Funds:	\$145.65	per pound	\$291,303	per ton
CMAQ Funds:	\$0.00	per pound	\$0	per ton
All Funding Sources:	\$157.70	per pound	\$315,401	per ton

Alternative Project Budget
 excluding Traffic Control Measures

VANPOOLS AND SHUTTLES

Subcategory: (4c) Transit Operations (new service, shuttles, fuel subsidies)

Air District Name: El Dorado County APCD

Local Government Name: Not Applicable

Project Name: Apple Hill Shuttle, October 2010

Description: Shuttle service from two (2) off-site parking locations to and from scenic Apple Hill during weekends in October 2010. Shuttle will consist of six (6) ULEV deisel vehicles at a time, with capacity for up to forty-five (45) passengers each. Service will be provided Saturdays and Sundays in October, from 10:00 am to 5:00 pm.
(Issues/Comments)

Implementing Agency: El Dorado County Transit Authority **Private Agency:** No

FUNDING:

MVFees Funding:	\$43,724	MSRC Funding:	\$0
Moyer Funding:	\$0	CMAQ Funding:	\$0
Other CoFunding:	\$4,858		

Capital Recovery Factor: 1.03 **Annual Auto Trips Reduced:** 3,749

Project Analysis Period: 1 years **Annual Auto VMT Reduced:** 287,182

Annual Operating Days (D): 4 days

Daily Ridership (R): 4,517 trips (riders)/day

Annual Van VMT: 5,633 annual miles traveled

Adjustment (A): 0.83 *This factor equals the portion of riders who are NOT vanpool-dependent.*

Replaced Auto Trip Length (L): 22.90 miles in one direction of trip

Adjustment (AA): 0.75 *This factor equals the portion of riders who drive to the vanpool service.*

Auto Access Trip Length (LL): 5.00 miles in one direction of trip

EMISSION FACTORS:	Auto Trip End Factors	Auto VMT Factors	VanVMT Factors
	ROG : 0.756 <i>grams</i>	0.273 <i>grams</i>	0.17 <i>grams</i>
	NOx : 0.444 <i>per trip</i>	0.320 <i>per mile</i>	0.40 <i>per mile</i>
	PM10 : 0.009	0.064	0.26

	Pounds per Year	Tons per Year
EMISSION REDUCTIONS:		
	ROG: 177	0.09
	NOx: 201	0.10
	PM10: 37	0.02
	Total: 415	0.21

COST-EFFECTIVENESS OF:

Motor Vehicle Fees and/or Moyer Funds:	\$108.45 per pound	\$216,895 per ton
CMAQ Funds:	\$0.00 per pound	\$0 per ton
All Funding Sources:	\$120.50 per pound	\$240,993 per ton

WORK STATEMENT

<u>TIME LINE</u>	<u>PHASE</u>
July, 2010	Contract execution between the El Dorado County AQMD and El Dorado Transit
August-September, 2010	*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 Execute agreements necessary for use of shuttle parking facilities Collaboration with transportation partners to provide traffic control measures
October, 2010	Provide weekend shuttle service from October 2 nd through October 24 th
December, 2010	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 \$58,724 or an alternative of \$43,724 in AB2766 DMV Surcharge funds to this project. This funding will provide for shuttle service during October, 2010 and all related training, maintenance, advertising and informational materials. Shuttles will operate from 10:00 a.m. to 5:00 p.m. on weekends, utilizing six (6) transit vehicles. If fully funded, this project will include provision of traffic control measures on US Highway 50 in Camino.

Breakdown of Project Budget

Item/Service	Total Cost	Source
Shuttle Service Operations	\$42,271	AB2766, Apple Hill® Growers Association
Additional Labor and Maintenance	\$2,564	AB2766
Training (Coordinators and Driving Staff)	\$1,372	AB2766
Advertising and Informational Materials	\$2,375	AB2766, Apple Hill® Growers Association
Traffic Control Measures	\$15,000	AB2766
Total Project Cost	Not to Exceed \$63,582	

Breakdown of Alternative Project Budget

Item/Service	Total Cost	Source
Shuttle Service Operations	\$42,271	AB2766, Apple Hill® Growers Association
Additional Labor and Maintenance	\$2,564	AB2766
Training (Coordinators and Driving Staff)	\$1,372	AB2766
Advertising and Informational Materials	\$2,375	AB2766, Apple Hill® Growers Association
Total Project Cost	Not to Exceed \$48,582	

MATCHING FUNDS
(Applies to both project budget alternatives)

Item/Service	Matching Funds	Source
Operational Costs and Advertising	\$3,358	Apple Hill® Growers Association
Total Matching Funds	\$3,358	

IN-KIND MATCH

Item/Service	In-Kind Match	Source
Advertising in Cider Press/Apple Hill Map	\$1,500	Apple Hill® Growers Association
Total In-Kind Matching Funds	\$1,500	

SCHEDULE OF DELIVERABLES/MONITORING PROGRAM

DELIVERABLES:

Weekend shuttle service within the Apple Hill® area and all related maintenance, training, advertising and informational materials. Provision of traffic control measures on US Highway 50 in Camino.

DATES:

October 2nd through 24th, 2010

MONITORING:

Detailed accounting of staff time, vehicle service time, mileage and passenger boarding statistics related to shuttle services 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 2009 Apple Hill® Project Report is included in Appendix B for review.

If applicable, El Dorado Transit will provide documentation of any invoices from, or payments made to, collaborating agencies for the provision of traffic control measures.

APPENDIX A

El Dorado County Transit Authority

**Excerpts from:
Methods to Find Cost-Effectiveness of Funding Air Quality Projects,
Emission Factor Tables, February 2010**

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
<i>For the Vanpool/Shuttle</i>			
Funding Dollars (Funding)		dollars	
Effectiveness Period (Life)	1	years	Years project is funded.
Days (D)	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 (R)		total trips (riders)/day	One-way trips by riders (or number of boardings) per day
Annual Van/Shuttle VMT (Van VMT)		annual miles	
<i>For Auto Travel Reduced</i>			
Adjustment (A) 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 (L)	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) = [(Annual Auto Trips Reduced)*(Auto Trip End Factor) + (Annual Auto VMT Reduced)*(Auto VMT Factor) - (Van VMT)*(Van VMT Factor)]/454	lbs/year
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 - 2008)
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.) ¹	ROG	NOx	PM10 ²		CO
			Exhaust	Total ³	
Up to 8500	0.08	0.06	0.01	0.21	3.87
8501-10,000	0.20	0.20	0.12	0.32	6.40
10,001-14,000	0.23	0.40	0.12	0.32	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	
Up to 8500	0.05	0.06	0.01	0.21	1.93
8501-10,000	0.14	0.20	0.06	0.26	6.40
10,001-14,000	0.17	0.40	0.06	0.26	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	
Up to 8500	0.01	0.02	0.01	0.21	1.00
8501-10,000	0.10	0.10	0.06	0.26	3.20
10,001-14,000	0.12	0.20	0.06	0.26	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	0.20	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 with 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 PM exhaust factors are based on total PM standards. Tire wear and brake wear factors are based on EMFAC2007, version 2.3 (Nov 1, 2006). 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.

¹ 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.

² 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.

³ Total PM10 factors include motor vehicle exhaust, tire wear (0.008 g/m), brake wear (0.013 g/m), and entrained road dust (0.184 g/m).

Table 3A Average Auto Emission Factors

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

Analysis Period or Project Life	1 Year 2008	1 Year 2009	1 Year 2010
ROG			
VMT (g/mile)	0.332	0.302	0.273
commute trip ends (g/trip end)	1.189	1.100	1.016
average trip ends (g/trip end)	0.885	0.819	0.756
NOx			
VMT (g/mile)	0.391	0.354	0.320
commute trip ends (g/trip end)	0.535	0.498	0.461
average trip ends (g/trip end)	0.511	0.477	0.444
PM10			
VMT (g/mile)	0.064	0.064	0.064
running exhaust only (g/mile)	0.016	0.016	0.016
tire and brake wear (g/mile)	0.020	0.020	0.020
road dust (g/mile)	0.028	0.028	0.028
commute trip ends (g/trip end)	0.015	0.016	0.016
average trip ends (g/trip end)	0.008	0.008	0.009
CO			
VMT (g/mile)	4.032	3.668	3.325
commute trip ends (g/trip end)	10.113	9.422	8.747
average trip ends (g/trip end)	7.259	6.753	6.261

Source: EMFAC2007, V2.3 (Nov 1 2006), statewide average annual emissions

RTS runs use humidity 50%, temperature 75 degrees F.

PM10 Road Dust (paved) emission factor of 0.184 is based on US EPA's Compilation of Air Pollutant Emission Factors (AP-42, January 1995).

February 2010

APPENDIX B

El Dorado County Transit Authority

Sample Form of Project Report

AB2766 PROJECT REPORT

Project Name: Apple Hill® Shuttle 2009

EDCAQMD Contract No. 005-DMV-09/10-BOS

Reporting Period October 1, 2009 through October 31, 2009

DAYS/DATES	PASSENGER BOARDINGS
Saturday, October 3, 2009	1,191
Sunday, October 4, 2009	880
Saturday, October 10, 2009	2,415
Sunday, October 11, 2009	1,962
Saturday, October 17, 2009	2,548
Sunday, October 18, 2009	2,061
Saturday, October 24, 2009	1,950
Sunday, October 25, 2009	2,051
TOTALS: 8 DAYS	15,058

APPENDIX C

El Dorado County Transit Authority

Letters of Support



2828 Easy Street Suite 1 Placerville CA 95667 tel:530.642.5260 fax:530.642.5266 www.edctc.org

March 25, 2010

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 2010. 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 12,054 passenger trips in 2008 to 15,058 in 2009.

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 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,

A handwritten signature in black ink, appearing to read 'Kathryn Mathews', is written over a horizontal line.

Kathryn Mathews, AICP
Executive Director

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



Still Finding Gold In El Dorado County

March 23, 2010

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 2010. 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 12,054 passenger trips in 2008 to 15,058 in 2009.

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,

A handwritten signature in cursive script that reads "Laurel Brent Bumb".

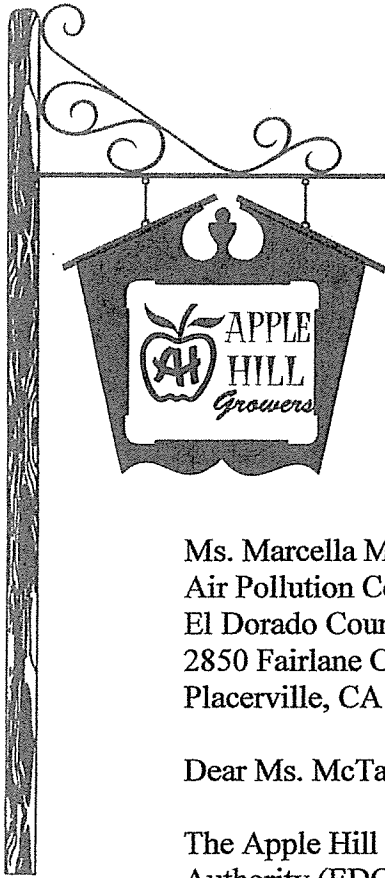
Laurel Brent-Bumb, ACE
Chief Executive Officer
El Dorado County Chamber of Commerce

EL DORADO COUNTY CHAMBER OF COMMERCE

542 Main Street, Placerville, California 95667

(530) 621-5885 (800) 457-6279 Fax (530) 642-1624

F.10-0565.41



March 23, 2010

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

Dear Ms. McTaggart,

The Apple Hill Growers Association 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, 2010. 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 12,054 passenger trips in 2008 to 15,058 in 2009.

The Apple Hill® Shuttle offers passengers the convenience of reduced drive times between orchards, ranches and wineries, subsequently reducing congestion and lowering vehicle 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.

The Apple Hill Growers Association strongly recommends 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®.

The Apple Hill Growers Association is committed to support the shuttle program through advertising, public outreach, and through contributing matching funds.

Sincerely,


Christa K. Campbell
President, Apple Hill Growers Association

APPENDIX D

Samples of Paid Advertising/Articles

**Sources: 2009 Cider Press,
Mountain Democrat, AD Proof, September 25, 2009 and
El Dorado Transit Press Release, September 18, 2009**

APPLE HILL®

"CIDER & PRESS"

Still a Free Ride and Twice as Many

Do you know about the free Apple Hill® Shuttle Service? 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 Apple Hill®. This shuttle service has been a huge success, even setting a record for ridership last season. This growing popularity prompted the addition of a new bus route on the eastern end of Apple Hill® last year.

The two routes are shown on the map on pages 24 and 25 of this publication. The RED route will take advantage of a parking and boarding area at the US Forest Service Ranger Station on Eight Mile Road in Camino* and will service the eastern ranches. Along with

This new route will greatly enhance the opportunity to serve visitors traveling from the Reno/Tahoe area and reduce traffic congestion.

the GREEN route, servicing western ranches (accessed through the parking lot at Schnell School on Schnell School Road in Placerville),** visitors have shuttle stop options for both the western and eastern ranches.

The hours of operation will continue to be 10 AM until 5 PM (weather permitting) and the busses will run October 3rd and 4th, 10th and 11th, 17th and 18th, and 24th and 25th.

However, there will be no shuttle service on October 31st this year.

The routes will continuously follow the Apple Hill® Scenic Drive and allow visitors to easily exit at their favorite ranches, as well as to discover new farms along the way. Many member ranches have bus stops at their ranch entrance, but if there

isn't one at the farm you want to visit, simply ask the driver to let you off. When you want to continue your journey, just hail the next passing bus. Buses are scheduled to arrive every 15 minutes. The western route will utilize four buses, driving counterclockwise on the GREEN (western) loop. Two shuttle buses will follow the RED (eastern) loop, traveling counterclockwise. Transfer points between the two routes are at Honey Bear Ranch and Rainbow Orchards, and at Larsen Apple Barn on Sundays only.

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".

For further details and the latest shuttle

Please see SHUTTLE BUS, page 19

SHUTTLE BUS

continued from page 15

information, check the Apple Hill® Website at www.applehill.com. And then enjoy your visit to Apple Hill® the "hassle-free" way.

*Parking for the shuttle's eastern (RED) loop at the US Forest Service Ranger Station is accessed from the west by taking the Cedar Grove (#54) exit off Highway 50 and turning right at the stop sign onto Eight Mile Rd. The Ranger Station is on your right just a short way up Eight Mile Rd. If approaching from the east, take exit #54 (it is called the Camino exit from this direction). At the stop sign make a left, drive under the freeway and you'll be on Eight Mile Road. Signs will show the way!!

**Parking for the shuttle's western (GREEN) loop at Schnell School is accessed by taking the Schnell School Road exit (#48) off Highway 50 in Placerville. Schnell School (and its large parking lot) is on Schnell School Road just north of Highway 50. Again, signs will show the way!!

AD PROOF

Mountain Democrat 

Extra^{el dorado}

(530) 622-1255 • Fax: (530) 622-7894

Ad rep: Elizabeth

Artist: rr

Changes:

Start Date: 09.25.09 fri

File Name: 09.25.09_EDTransit_3x5

graphix/md/e/ed/county/transit

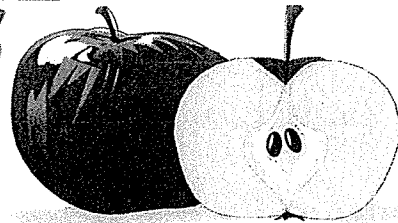
<input checked="" type="checkbox"/> Preproofed OK:	<input type="checkbox"/> Preproofed Correx:	<input type="checkbox"/> Not Preproofed:
_____ (Initials)	_____ (Initials)	_____ (Initials)

A proof is provided to avoid printing errors & to show the arrangement of composition. Mark all corrections with a pen. We cannot be responsible for printing errors not corrected on the proof. **Our deadline schedule does not allow copy changes or additions.**

Unless we hear from you
by _____ on _____,
AD WILL RUN AS SHOWN.

Contact your advertising representative
at _____

A TRIP TO THE ORCHARDS IN OCTOBER



THE FREE APPLE HILL[®] SHUTTLE

10AM to 5PM, Saturdays and Sundays, October 3rd-25th
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



PRESS RELEASE

For Immediate Release

Date: Friday, September 18, 2009
From: El Dorado County Transit Authority
Matt Mauk, Transit Services Assistant
(530) 642-5383, Extension 201

The FREE Apple Hill Shuttle Continues Second Parking Site for This Season!

Placerville, CA, September 18, 2009 – El Dorado Transit will once again operate the FREE Apple Hill® Shuttle, every Saturday and Sunday from 10am to 5pm, starting October 3rd through October 25th. For the second consecutive year, shuttle parking will be available at a second parking lot in Camino. Free shuttle parking will be offered at Schnell School in Placerville and the U.S. Forest Services Placerville Ranger Station, just off Highway 50, on Eight Mile Road in Camino. The Apple Hill® Shuttle is the ideal way to visit some of El Dorado County's most popular orchards, ranches, wineries and family attractions, during the peak of the harvest season, without the headaches of traffic and parking. Visitors get on and off the shuttles as many times as they like at any of 29 designated Shuttle stops throughout Apple Hill®.

El Dorado Transit will operate five (5) buses and a trolley on a continuous loop, every 15-20 minutes from two (2) satellite parking lots just off US 50 in Placerville and Camino. Schnell School is located at 2871 Schnell School Road, 0.1 miles north of U.S Highway 50. The Placerville Ranger Station is located just south of U.S. Highway 50 in Camino at 4260 Eight Mile Road. "We are pleased to once again offer the second parking facility on the eastern side giving Apple Hill® visitors from the Reno/Tahoe area an opportunity to take advantage of the shuttle as well," said El Dorado Transit Executive Director, Mindy Jackson.

To ride the FREE Apple Hill® Shuttle from Placerville, take exit #48 off US Highway 50 (Schnell School Road) and follow the signs 0.1 miles north to the Schnell School parking lot, located on the right. To catch the shuttle in Camino, take exit #54 (Cedar Grove) and follow the signs to Eight Mile Road; the Ranger Station entrance is on the right. Coordinators at the parking lots can supply you with maps and all the information you need to make the most of your Apple Hill® visit.

The Apple Hill® Shuttle is sponsored by the El Dorado County Air Quality Management District, the Apple Hill Growers Association and the El Dorado County Transit Authority.

For more information on the Apple Hill® Shuttle or any of El Dorado Transits other services call (530) 642-5383 or visit us online at www.eldoradotransit.com. # # #