

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

**Annual Report on AB 2766 Funds from Motor Vehicle Registration Fees for
Fiscal Year 2020 – 2021**

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Executive Officer

Wayne Nastri

Deputy Executive Officer

Planning, Rule Development & Area Sources

Sarah Rees, Ph.D.

Assistant Deputy Executive Officer

Planning, Rule Development, and Area Sources

Ian MacMillan

Planning and Rules Manager

Vicki White

Program Supervisor

Lane Garcia

Author: Elliott Popel Air Quality Specialist

Contributors: Laurence Brown Air Quality Specialist

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Other Information Available on South Coast AQMD's Website or Upon Request

<http://www.aqmd.gov/home/programs/local-government>

AB 2766 Motor Vehicle Fee Subvention Fund Program Resource Guide

CARB Criteria and Guidelines for the Use of Motor Vehicle Registration Fees

AB 2766 Funds Report from Motor Vehicle Registration Fees - Previous Years Annual Reports

EXECUTIVE SUMMARY

During Fiscal Year 2020-21, 162 local governments in the South Coast Air Quality Management District (South Coast AQMD) were eligible to receive AB 2766 Subvention Funds. These jurisdictions were subvned \$22.9 million to implement projects that reduce mobile source emissions. From their AB 2766 fund balances, local governments spent \$19.1 million. The two highest spending categories were Transportation Demand Management and Alternative Fuels/Electric Vehicles, which claimed a combined total of 57% of the \$19.1 million program expenditures. The two project categories yielding the highest portion of emission reductions for this fiscal reporting cycle were Transportation Demand Management and Traffic Management with 88% of the quantified emission reductions. In total, local governments implemented 313 projects of which 214 reported quantified emission reductions.

I. BACKGROUND

On-road motor vehicles, including cars, trucks and buses, represent one of the major sources of air pollution in the South Coast Air Basin (SCAB). Vehicle emissions from exhaust contribute to unhealthy levels of ozone, particulate matter, and toxic air contaminants. To protect public health, Assembly Bill 2766 was signed into law in September 1990. Section 44223 of the Health & Safety (H&S) Code authorized a \$2 motor vehicle registration fee surcharge, effective April 1991, to fund the implementation of programs designed to reduce air pollution from motor vehicles and to implement the California Clean Air Act of 1988. H&S Code Section 44225 authorized a subsequent increase in this fee to \$4, effective April 1992. In 2004, an additional \$2 surcharge was added pursuant to H&S Code 44229 to provide a long-term source of funding for expansion of the Carl Moyer Memorial Air Quality Standards Attainment Program and to incentivize early introduction of clean air technology such as cleaner diesel engines; a Lower-Emission School Bus Program; and accelerated vehicle repair and retirement programs.

AB 2766 requires that the first \$4 of these fees be subvned to South Coast AQMD for the purpose of funding three programs with a prescribed allocation as follows:

- 40% to the Local Government Subvention Fund Program. These funds are distributed on a quarterly basis to South Coast Air District cities and counties based upon their prorated share of population to implement projects that reduce emissions from mobile sources.
- 30% to the South Coast AQMD Program Fund. This fund provides for agency planning, monitoring, research and other activities that reduce mobile source emissions.
- 30% to the Discretionary Fund Program. This fund is administered by the Mobile Source Air Pollution Reduction Review Committee (MSRC), which awards money to project proponents that also reduce motor vehicle emissions.

AB 2766 funded projects have many additional benefits including increasing transportation alternatives, relieving traffic congestion, conserving energy resources and reducing greenhouse gas emissions.

In December 2022, the South Coast AQMD adopted the 2022 Air Quality Management Plan (AQMP) as the blueprint for attainment of the federal ozone air quality standard in the South Coast Air Basin by 2037. The 2022 AQMP brought renewed focus to the role that mobile source emissions play in

attainment of this standard and includes control measures that will require a widespread transition to zero emission vehicles and equipment for nearly all emission sources. Future mobile source control measures are identified in the AQMP as well as planning opportunities available for SCAB cities and counties to align transportation policy, infrastructure planning, and emission control goals.

Parallel to the 2022 AQMP, the California Air Resources Board (CARB) is taking many actions to eliminate tailpipe emissions, including adopting the Innovative Clean Transit regulations in December 2018; the Advanced Clean Cars II regulations in August 2022; and continuing to develop the Advanced Clean Fleets rule, among others. These regulations will substantially reduce mobile source pollution across the state, and the AB 2766 subvention funds will be useful for local jurisdictions to meet those goals.

The South Coast AQMD's AB 2766 staff actively works with local governments to align their planning efforts with policy objectives of the AB 2766 Subvention Fund Program and the AQMP blueprint designed to meet State and Federal Clean Air Act attainment standards.

II. REPORTING

This Annual Report solely addresses the AB 2766 funds subvented to local governments by accounting for financial expenditures, emissions reduced, and the cost-effectiveness of projects implemented through the AB 2766 Subvention Fund Program during FY 2020-21.

AB 2766 fees are collected by the DMV and subvented to the South Coast AQMD on a monthly basis. The South Coast AQMD Finance Division disburses the AB 2766 revenues to local governments quarterly. During FY 2020-21, 162 local governments were eligible to receive AB 2766 funds (see Attachment A). Pursuant to H&S Code 44243(b)(1), newly incorporated cities may receive subvention funds, provided they adopt and transmit to the South Coast AQMD the required ordinance within 90 days of official incorporation.

The city or county receiving such AB 2766 funds is required to deposit them into an air quality improvement trust fund for expenditures to reduce air pollution from motor vehicles, pursuant to H&S Code 44243(b)(1)(c). Fund recipients complete and submit an annual report to the South Coast AQMD identifying the revenues received, project expenditures, emissions reduced, and cost-effectiveness of each project implemented during the preceding fiscal reporting cycle.

South Coast AQMD staff provides technical assistance and project eligibility guidance to fund recipients according to AB 2766 criteria and guidelines established by the CARB. Staff receives, reviews, and evaluates the AB 2766 reports submitted and consolidates the results into this Annual Report. In addition, H&S Code Sections 44244.1 sets forth auditing requirements that are conducted every two years. The audit is conducted by an independent auditor who evaluates whether local governments adhered to program guidelines, and not the degree of efficacy in reducing air pollution. Audit determinations confirming that recipients have expended revenues contrary to statute will have the opportunity to refund the program or shall upon required public hearing(s), result in the inappropriate

expense amount withheld from future revenue distribution and then redistributed among the remaining recipients. A local government can also request to have future funds withheld without going through a public hearing process. Local jurisdictions are encouraged to pre-designate funds for specific projects that may be implemented in the future.

AB 2766 financial and project reporting from local governments occurs cyclically following notification from South Coast AQMD that the program tools are available. As the implementing agency, South Coast AQMD coordinates the update of program resources with CARB to facilitate local government report submittals.

CARB and South Coast AQMD have a Memorandum of Understanding dated July 31, 2019 that enables South Coast AQMD to directly manage the reporting process and submit the relevant data to CARB in a timely fashion. South Coast AQMD's AB 2766 Annual Report is shared with CARB upon completion.

III. PROGRAM GUIDANCE

Purpose

As directed by the Governing Board in 1998, the South Coast AQMD's AB 2766 staff serves as a resource to cities and counties by providing guidance in project identification, development, quantification, and reporting. Special emphasis is placed on the selection of cost-effective, quantifiable mobile source emission reduction projects that meet the needs of the local jurisdiction and that advance the objectives of the AQMP.

An AB 2766 Subvention Fund Program Resource Guide (hereafter, the Resource Guide), developed by the South Coast AQMD, is available to provide assistance in identifying projects that are eligible for AB 2766 funding. The Resource Guide outlines project eligibility requirements, provides program updates, policies, and guidelines to assist local jurisdictions that receive AB 2766 funds. Project descriptions and examples provided in the Resource Guide are consistent with CARB's Criteria and Guidelines for the Use of Motor Vehicle Registration Fees, which focuses on strategies that directly reduce mobile source emissions.

Activities

South Coast AQMD staff reviews the AB 2766 program data and collaborates with CARB staff on ways to improve the process for local governments to report their AB 2766-funded project results. South Coast AQMD staff conducts technical training sessions for local government and Councils of Government (COG) representatives to provide an overview of program updates, guidelines, policies, and responds to inquiries related to local projects/programs.

Staff conducted sixteen (16) AB 2766 remote technical training sessions and held open office hours during March 2022, at which 206 local government representatives participated on behalf of 147 of the 162 subvention fund recipient jurisdictions. Training included an overview of the program's authorizing

legislation; prior year project reporting; emission reductions and financial summaries; and a detailed review of program guidelines developed by CARB and South Coast AQMD. Expenditure limitations, preferred projects that provide quantifiable, cost-effective emission reductions, common reporting errors, and administrative tips were of key focus during the trainings. Requirements related to the financial administration of AB 2766 dollars were reviewed in detail, with emphasis on fund accounting and auditing guidelines.

During training, staff guided attendees through project categories and instructed local government representatives on how to identify and calculate emission reductions and cost effectiveness. Training also included detailed instructions on the new South Coast AQMD AB 2766 reporting software which was developed for local governments to submit their subvention fund reports to the South Coast AQMD. During this program cycle local governments were introduced to the new reporting tool called the AB2766 Report Portal (Portal), which greatly simplified the uploading process of AB 2766 Annual Report information. This newly developed system allows local jurisdictions to easily input data and monitor the status of South Coast AQMD's review. Use of this web-based application fostered enhanced AB 2766 program efficiency, time savings, as well as record retention and accessibility for South Coast AQMD staff and participating local jurisdictions.

On an on-going basis, South Coast AQMD staff assists local governments with project/program selection, emission reduction calculations and guidance on use of the Portal system for future project planning. South Coast AQMD staff has received and evaluated the FY 2020-21 Annual Reports submitted by the 162 participating local jurisdictions. The results are summarized in the Program Data section of this report.

Local Government Coordination

Local governments may contribute a portion of their AB 2766 subvention funds to their respective COGs to pool resources for implementation of eligible projects. In expending these funds, COGs must adhere to the same project eligibility requirements and guidelines as recipient jurisdictions when implementing air quality projects funded by AB 2766 dollars. For monitoring purposes, COGs are asked to provide summary reports to their member cities as well as to the South Coast AQMD, including descriptions of AB 2766 projects along with funding amounts. COG summary reports should align with local jurisdiction reporting to South Coast AQMD. Table 1 provides a summary of the projects and programs implemented by COGs using AB 2766 funds received from their member cities.

Table 1
Summary of COG Activities

COG Name	Expenditure Amount*	Project Description**
Coachella Valley	\$432,874	Regional PM Street Sweeping Program using alternative fuel equipment to sweep approximately 23,178 curb miles to remove roadway dust.
Western Riverside	\$106,949	Clean Cities Coalition activities/outreach promoting emission reductions from motor vehicles through alternative fuel and advanced technology vehicles; AQMP Outreach and Western Riverside County Active Transportation Plan development.
Gateway Cities	\$31,522	Development of the Air Quality/Active Transportation elements of the Gateway Cities Strategic Transportation Plan (STP).

*Expenditure amounts as reported by COG member cities.

**Project descriptions provided by COG to the COG member cities.

IV. PROGRAM DATA

Project Categories

The Resource Guide summarizes CARB’s fund usage criteria and identifies appropriate strategies that, through careful planning and design, will cost effectively and efficiently reduce emissions from mobile sources. The following list identifies eleven AB 2766 Project Categories and provides examples of projects that meet the criteria and guidelines established by CARB:

1. Alternative Fuels/Electric Vehicles¹

- Purchasing/leasing alternative fuel vehicles (automobiles, vans, shuttles or buses) powered by compressed natural gas, propane, full non-diesel hybrids that meet specific CARB certification standards, as well as fuel cell and electric vehicles.
- Projects that assist local jurisdictions with fleet conversions or repowering from conventional gas to an alternative fuel engine.
- Installation of alternative fuel and electric charging infrastructure that supports the use of alternative fuel and electric vehicles; and, purchasing alternative fuel or electricity for up to three years after vehicle purchase.

¹AB 2766 funding can be used to assist local governments in their compliance with regulations such as CARB’s Advanced Clean Cars II and upcoming Advanced Clean Fleets regulation, as well as South Coast AQMD mobile source fleet rules (e.g., Rule 1191) and Rule 2202.

2. Vehicle Emissions Abatement

- Purchasing/leasing cleaner diesel engines when alternative fuel engines are not available and/or repowering of heavy-duty trucks with cleaner engines.
- Installation of particulate trap retrofits for engines and/or retirement and replacement of dirty off-road engines with newer, cleaner engines.
- Participation in a certified Vehicle Scrapping Program.
- Purchasing/leasing of electric ride-on commercial lawn mowers.

3. Land Use

- Planning, designing, and constructing/installing facilities that discourage and decrease the use of automobiles.
- Providing adequate or expanding existing pedestrian facilities that make it easier for people to walk, bicycle, or use public transit.
- Developing Air Quality Action Plans, Strategic Transportation Plans or an Air Quality Element of a General Plan.
- Funding CEQA related studies that will identify surplus mobile source mitigation measures or project alternatives resulting in reduced emissions or VMT as required by SB 743. However, funding is not to be used to replace funds otherwise available to perform CEQA related activities.

4. Public Transportation

- Introducing, marketing or implementing new or extended transit services or rail feeder operations, and the operations thereof up to 3 years.
- Constructing, installing or enhancing public transportation facilities designed to provide new or extended services or to increase passenger safety.
- Installing equipment that contains public transit information and fare subsidies.
- Providing transit fare discounts and subsidies.

5. Traffic Management and Signal Coordination

- Implementing projects/programs that monitor and control travel conditions.
- Installing corridor signal synchronization systems; design and installation of pedestrian islands, turning lanes, pedestrian traffic controls and/or changeable message signs that reduce idling and improve traffic flow, and/or mobilization of freeway tow truck services.

6. Transportation Demand Management (TDM)

- Implementing projects that reduce the demand for automobile use by encouraging behavioral changes regarding travel modes, i.e., encourage carpooling, vanpooling, biking, walking, use of public transit, telecommuting, or implementation of compressed work week schedules.
- Designing, developing, and implementing programs that focus on reducing trips to special event centers or other attractions.

- Creation and enhancement of Park and Ride facilities.

7. Market Based Strategies

- Developing and implementing incentives and disincentives that encourage behavioral changes resulting in emission reductions such as introduction of user fees or congestion charges to encourage behavioral changes for consumers to use less congesting or less polluting forms of transportation and/or implementation of parking strategies.

8. Bicycles

- Implementing projects that encourage the use of bicycles by employees and residents; bike share and/or purchasing programs, bike loan programs (electric bikes and standard) for police officers, community members, and the general public.
- Designing, developing and/or installing bike lanes, paths and bikeways or establishing new bicycle corridors physically separated from motor vehicle traffic; making bicycle facility enhancements/improvements by installing bicycle lockers, bike signals or bus bike racks.

9. PM Reduction Strategies

- Implementing measures that reduce or prevent deposits of dust and other materials from build-up on roadway surfaces such as paving of dirt roads and shoulders; purchasing/leasing South Coast AQMD Rule 1186.1 compliant street sweepers.

10. Public Education

- Long-term/short-term, routine, regularly scheduled, intermittent or frequent information brochures, videos, printed materials that provide a focused message which targets behavioral changes resulting in mobile source emission reductions and reduced reliance on motor vehicles.
- Marketing of demonstration or pilot projects, coordinating promotional events or programs to educate schools or the public about transportation alternatives, and the relationship between motor vehicles and air pollution.

11. Miscellaneous Projects

- Designing, developing and/or implementing projects or programs that reduce mobile source emissions, but are not specifically listed or identified in the AB 2766 Resource Guide. Projects that result in emission reductions, but use a manual or alternative CARB-approved methodology to calculate emission reductions. Specific details on the type of project being implemented, cost-effectiveness and emission reductions achieved as well as data/explanation on the CARB-approved methodology used in the calculations/analysis must be provided and deemed acceptable.

NOTE: *Research and Development (R&D) projects are allowable AB 2766 expenditures. However, the expenditure(s) must not exceed 10% of the AB 2766 funds received for the reporting cycle. Total funds*

used for Public Education and CEQA related studies, and R&D funds, must not exceed the 10% expenditure threshold.

Project Funding & Quantification

A financial summary of funds spent by local governments in the SCAB region during FY 2020-21 is provided in Table 2, and the financial summary for the last five reporting cycles is shown in Table 3. Local governments can carry over fund balances indefinitely, which allows them the flexibility to accumulate funding for future projects or to secure additional co-funding. In FY 2020-21, local governments spent less subvention funds on mobile source emission reduction projects (\$19.1 million) than the amount received (\$22.9 million), and project spending decreased compared to the last reporting cycle (\$24.5 million) as shown in Table 3. They spent 23% of their combined beginning balance and MV fees received (\$84.2 million) in FY 2020-21, which is a decrease from what occurred in FY 2019-20, when cities and counties spent 29% of the total beginning balances and MV fees received (\$83.1 million). Cities are continuing to pre-designate a larger amount of funds than in previous years which indicates an increased interest in future programs and technology investments.

Tables 2 and 3 show that of the \$64.1 million ending balance reported by local governments in FY 2020-21, approximately \$54.6 million, or 85%, of the ending balance was pre-designated for future projects. This is slightly lower than the amounts pre-designated in FY 2019-20 (89%). Although there is more than \$60 million in unspent AB 2766 funds available to local jurisdictions, they are expected to face significant costs soon as new statewide requirements are put into place for zero emissions vehicles. For example, CARB's recently adopted Advanced Clean Cars II regulation is expected to have a cumulative fiscal impact of about \$5.5 billion on local governments in South Coast AQMD through 2040.²

Table 3 shows that as reported by recipient jurisdictions, the motor vehicle funds being subvented to local governments has increased, from \$21.5 million in FY 2019-20 to \$22.9 million in this reporting cycle. However, local governments spent a lesser percentage (86% or \$19.1 million) of the funds received on AB 2766 projects compared to the prior reporting cycle (114% or \$24.5 million) when the jurisdictions spent more than all funds subvented in that reporting cycle. With guidance from South Coast AQMD's AB 2766 staff, local jurisdictions are continuing to plan and implement clean transportation programs that advance our regional air quality goals.

² See Table VI-10 here: ww2.arb.ca.gov/sites/default/files/barcu/regact/2022/accii/fsorappf.pdf. Approximately 44% of the fiscal impact would affect South Coast AQMD local governments if impacts are distributed the same as state population.

Table 2
Motor Vehicle (MV) Funds Financial Summary
(As Reported by Local Jurisdictions)

County	Beginning Balance	MV Fees Received	Project Spending	Ending Balance³	Pre-designated Funds	Funds Remaining
Los Angeles	\$29,146,758	\$13,166,979	\$11,453,112	\$31,002,771	\$27,100,680	\$3,902,091
Orange	\$15,002,608	\$4,299,428	\$3,376,839	\$15,953,575	\$12,121,814	\$3,831,761
Riverside	\$7,748,953	\$3,187,480	\$1,342,969	\$9,625,709	\$8,519,198	\$1,106,511
San Bernardino	\$8,260,739	\$2,241,626	\$2,907,933	\$7,561,041	\$6,852,131	\$708,910
Totals*	\$60,159,059	\$22,895,514	\$19,080,855	\$64,143,098	\$54,593,824	\$9,549,274

*Totals may vary due to rounding.

Table 3
History of Motor Vehicle Funds Financial Summary

Fiscal Year	Beginning Balance	MV Fees Received	Project Spending	Ending Balance	Pre-designated Funds	Funds Remaining
2016-17	\$52,723,319	\$22,565,779	\$17,655,513	\$57,629,828	\$49,270,416	\$8,359,412
2017-18	\$57,581,172	\$21,773,549	\$18,970,439	\$60,424,838	\$51,324,794	\$9,100,043
2018-19	\$60,119,563	\$22,129,237	\$18,961,319	\$64,393,453	\$56,504,964	\$7,888,489
2019-20	\$62,742,224	\$21,505,465	\$24,471,364	\$60,898,314	\$54,451,852	\$6,446,462
2020-21	\$60,159,059	\$22,895,514	\$19,080,855	\$64,143,098	\$54,593,824	\$9,549,274

Table 4 identifies, by county, the number of projects funded by local governments, as well as the number and percentages of projects with quantified emission reductions achieved during FY 2020-21. Los Angeles County, with the majority of the cities in the South Coast Air Basin, funded the largest number of AB 2766 projects in the program (169). Orange County had the second highest number of projects funded (66), followed by Riverside County (41) and San Bernardino (37). For this reporting cycle, San Bernardino County has yielded the highest percentage (73%) of quantified projects.

³ The Ending Balance represents the Beginning Balance and MV Fees Received, minus Project Spending. Interest Earned and Administrative Costs are incorporated. Interest Earned and Administrative Costs are fully detailed in Appendix B.

Table 4
Local Government Project Reporting and Emission Reduction Quantification

County	Number of Local Governments Reporting	Number of Projects Funded	Number of Projects with Emission Reductions Quantified	Percent of Projects with Emission Reductions Quantified
Los Angeles	82	169	119	70%
Orange	35	66	44	67%
Riverside	28	41	24	59%
San Bernardino	17	37	27	73%
Totals	162	313	214	68%

Table 5 shows the number of projects with emission reductions quantified over the last five reporting cycles. The FY 2020-21 report shows 214 projects with emission reductions quantified, which is a decrease from the 237 projects quantified in FY 2020-21.

Every year, CARB updates and provides the South Coast AQMD with emission reduction calculation methodologies, along with the corresponding emission factors for most of the transportation projects funded through this program. The annual emission reductions, as well as the cost-effectiveness of the projects, are calculated based on those emission factors and local government reporting of project spending. Emission reductions from several types of projects are difficult to quantify or cannot be quantified, such as electric vehicle charging stations, public education, and research and development, therefore CARB has not adopted methodologies for those projects.

Table 5
Project Quantification History

Fiscal Year	Number of Projects	Projects with Emission Reductions Quantified	Percent of Projects Quantified	Percent of Expenditures Quantified
2016-17	359	220	61%	66%
2017-18	358	234	66%	69%
2018-19	368	259	71%	78%
2019-20	371	237	64%	62%
2020-21	313	214	68%	73%

Table 6 shows the FY 2020-21 expenditures made in ten of the eleven AB 2766 project categories. There were no projects reported in the Market Based Strategies project category, as has been the case since FY 2006-07. Table 6 displays expenditures by category, sorted from the highest to the least in local government spending. The two highest spending categories are the Alternative Fuels/Electric Vehicles and the Transportation Demand Management categories, which together represents 58% or about \$10 million of the \$19.1 million program expenditures. A significant amount of these funds were

spent towards purchasing or leasing of alternative fuel/electric vehicles, installation of electric vehicle charging stations, and implementation of employer-based trip reduction programs.

Table 6
Expenditures by Project Category

Project Category	Project Spending*	Percent of Spending*	No. of Projects
Alternative Fuels/Electric Vehicles	\$6,021,944	32%	117
Transportation Demand Management	\$4,945,031	26%	63
Traffic Management	\$3,830,434	20%	42
Public Transportation (Transit & Rail)	\$1,448,750	8%	16
PM Reduction Strategies	\$987,221	5%	17
Land Use	\$824,870	4%	8
Bicycles	\$743,263	4%	12
Miscellaneous Projects	\$142,109	1%	25
Public Education	\$111,465	1%	12
Vehicle Emissions Abatement	\$25,765	0.1%	1
Totals	\$19,080,855	100%	313

* Totals may vary due to rounding.

Emission Reductions & Cost-Effectiveness

Table 7 summarizes, by county, the number of projects funded, project spending, and the emission reductions achieved. Local governments in Los Angeles County reported the majority of project spending, \$11.5 million, and also achieved the majority of annual emission reductions, 83 tons. During FY 2020-21, a total of 139 tons of emissions were reduced in the SCAB cities and counties by projects funded with AB 2766 Subvention money.

Table 7
Project Spending and Emissions Reduced

County	No. of Projects Funded	Project Spending	Emissions Reduced ⁴ (Tons/Year)				
			ROG	NOx	PM2.5	CO/7	Totals*
Los Angeles	169	\$11,453,112	16	36	8	23	83
Orange	66	\$3,376,840	5	11	2	8	26
Riverside	41	\$1,342,970	4	6	3	7	20
San Bernardino	37	\$2,907,933	2	2	1	4	10
Totals*	313	\$19,080,855	28	55	14	43	139

* Totals may vary due to rounding.

Table 8 provides emission reduction and cost-effectiveness information⁵ for AB 2766 project categories. The table is ranked by the category with the largest amount of emissions reduced; and displays the number of projects, number of projects with emission reduction quantified, and the percentage of projects quantified in each category. The last column in Table 8 identifies the total Air Funds cost-effectiveness (dollar per pound) of emissions reduced. The “Air Funds” consist of the Motor Vehicle Fees and, if applicable, funding from the state Carl Moyer Fund Program and the Mobile Source Air Pollution Reduction Review Committee (MSRC) funding pursuant to CARB’s methodology.

In this reporting cycle, the Transportation Demand Management project category represents 55% of all emissions reduced, for a total of 152,110 pounds. This is a decrease for this category compared to FY 2019-20, which represented 65% of emission reductions (172,479 pounds). This category includes trip reduction subsidies for employees of reporting jurisdictions that receive AB 2766 funds, including telecommuting and subsidies for residents who meet their city program requirements.

The Traffic Management category accounts for 33% of the emission reductions, for a total of 91,819 pounds. This category includes traffic signal synchronization, signal installation, and software updates. The PM Reduction Strategies category comes in third in terms of emission reductions, representing 6% of emission reductions for a total of 16,311 pounds of emission reduced, and includes street sweeping projects.

The cost-effectiveness of all project categories, as shown in Table 8, range from \$7.93- \$236.60 per pound of emissions reduced. The overall total average cost-effectiveness was computed as \$27.01 per pound of emissions reduced. AB 2766 staff are continuing to provide technical support and program

⁴ Emissions reduced account for total reductions (VOC, NOx, PM_{2.5} and CO/7) from Air Fund expenditures. Air Funds consist of the Motor Vehicle Fees and funding from both the state Carl Moyer Program and the AB 2766 Discretionary Fund. See Attachment B: Average Cost-Effectiveness by Project.

⁵ Cost Effectiveness for AB 2766 projects are calculated by first amortizing the Air Funds (AB 2766, MSRC, and Moyer funding) then dividing by the total emission reduction of ROG, NOx, PM_{2.5}, and CO/7. Emission factors tables were provided by CARB in November 2020 and draw from EMFAC2017. This method differs from how the Moyer program assess cost effectiveness, and can be found in the “Methods to Find the Cost-Effectiveness of Funding Air Quality Projects” handbook published by CARB in May 2005: https://ww2.arb.ca.gov/sites/default/files/2020-06/Congestion_Mitigation_Air%20Quality_Improvement_Program_cost-effectiveness_methods_may2005.pdf

outreach, helping recipient jurisdictions to implement cost-effective and quantifiable emission reduction projects that meet immediate agency needs, while working toward achievement of longer-term AQMP objectives. Local governments are also encouraged to seek and create opportunities to coordinate with neighboring cities, jurisdictions, and COGs to implement projects that will result in shared, mutual emission reduction benefits, while potentially pooling costs and resources. Pre-designation of funds for future project implementation is helping Program Administrators better understand the importance of long-term project planning.

Table 8
Emissions Reduced and Cost-Effectiveness by Project Category

Project Category	Number of Projects	Number of Projects Quantified	Percent of Projects Quantified	Emissions Reduced⁶ (lbs./yr.)	Emissions Reduced⁷ (tons/yr.)	Air Fund Cost-Effectiveness⁸ (\$/lbs.)
Transportation Demand Management	63	59	94%	152,110	76	\$29.52
Traffic Management	42	27	64%	91,819	46	\$9.17
PM Reduction Strategies	17	17	100%	16,311	8	\$56.82
Alternative Fuels/Electric Vehicles	117	85	73%	12,532	6	\$71.23
Miscellaneous Projects	25	3	12%	2,575	1.3	\$7.93
Public Transportation (Transit & Rail)	16	13	81%	1,353	0.7	\$147.86
Bicycles	12	8	67%	532	0.3	\$201.24
Vehicle Emissions Abatement	1	1	100%	31	0.02	\$180.94
Land Use	8	1	13%	22	0.01	\$236.60
Public Education	12	0	0%	N/A	N/A	N/A
Totals	313	214	68%	277,285	139	\$27.01

*Totals may vary due to rounding.

The history of the AB 2766 Program’s emission reductions and cost-effectiveness is shown in Table 9. The average cost-effectiveness figure is determined by dividing the Amortized Air Fund dollar amount, which is associated with quantified projects, by the total amount of emission reductions. Emissions calculations are based on the 2017 Emission Factor (EMFAC) modeling tool provided by CARB.

Table 9 shows the history of the AB 2766 program after adjusting for inflation. The 139 tons of emissions reduced in this reporting cycle is a 5% increase from the 132 tons reported in FY 2019-20. Staff continues to work closely with the jurisdictions to verify that accurate emissions quantifications are derived from each project.

⁶ Emissions reduced account for total reductions (VOC, NOx, PM_{2.5} and CO/7) from the state Carl Moyer Program and the AB 2766 Discretionary Fund. See Attachment B: Average Cost-Effectiveness by Project.

⁷ Emissions reduced (tons/year) is determined by dividing by 2,000 lbs. Totals may vary slightly due to rounding.

⁸ Cost-effectiveness is determined by multiplying default capital recovery factors (amortization by project life and discount rate) by total funds, then dividing those annualized funds by annual emission reductions. See Attachment B: Average Cost-Effectiveness by Project.

Table 9
History of Emissions Reduced and Cost-Effectiveness

Fiscal Year	Emissions Reduced* (lbs./yr.)	Emissions Reduced* (tons/yr.)	Cost-Effectiveness** (\$/lb.)	Cost-Effectiveness** (\$/ton)
2016-17	267,000	134	\$29.80	\$59,599
2017-18	195,000	98	\$39.27	\$78,549
2018-19	282,377	141	\$27.40	\$54,796
2019-20	263,654	132	\$34.96	\$69,911
2020-21	277,285	139	\$27.01	\$54,028

*Emission reductions determined by the EMFAC emissions model in effect for the year specified.

**In 2021 dollars.

Table 10 shows the project subcategories with Motor Vehicles Fee expenditure greater than \$500,000. There are 11 of the 43 subcategories that collectively represent \$16.5 million of the \$19.1 million in project spending for FY 2020-21. Employer-Based Trip Reduction, a subcategory of Transportation Demand Management, had the largest expenditures with \$3.8 million in project spending. Alternative Fuel Vehicle Purchases is next at \$3.5 million, followed by Traffic Flow or Signalization at \$2.9 million. Notably, although Electric Vehicle Purchases rank second to last among the categorical expenditures at \$672,354, Electric Vehicle Infrastructure has nearly twice as much expenditure at \$1.2 million. Many jurisdictions are preparing for the rapid rise in electric vehicles by building public charging stations at their city halls, public facilities, and shopping centers, as well as dedicated charging stations for their public works fleet.

Table 10
Project Subcategories with More Than \$500,000 in Expenditure

Category	Subcategory	Expenditure	No. of Projects
Transportation Demand Management	Employer-Based Trip Reduction	\$3,805,586	46
Alternative Fuels/Electric Vehicles	Alternative Fuel Vehicle Purchases/Leases	\$3,504,839	51
Traffic Management	Traffic Flow or Signalization	\$2,892,924	27
Public Transportation (Transit & Rail)	Public Transportation Facilities	\$1,254,565	3
Alternative Fuels/Electric Vehicles	Electric Vehicle Infrastructure	\$1,169,411	25
Reduction Strategies	Road Dust Control	\$987,222	17
Traffic Management	Traffic Calming	\$839,110	8
Land Use	Plan Elements	\$736,173	6
Alternative Fuels/Electric Vehicles	Electric Vehicle Purchases/Leases	\$672,354	26
Bicycles	Bicycle Lanes, Trails, and Bridges	\$620,821	7
Totals*:		\$16,483,008	216

*Totals may vary due to rounding.

V. PROGRAM OUTREACH

The following information summarizes future program outreach goals to be accomplished by South Coast AQMD staff:

Local Government Leadership

- Continue to provide written and electronic notification of fund balances and fund match/leverage opportunities to local government officials and staff.
- Encourage local government policy makers to provide leadership and establish partnerships in the program decision-making process.
- Work directly with cities to implement quantifiable, cost-effective mobile source emission reduction projects. Staff will meet with and maintain an open, ongoing dialogue with city mayors, city managers, and other local government staff, and will support their efforts to educate their elected officials on the value of the subvention fund program.
- Collaborate with South Coast AQMD's Legislative, Public Affairs & Media (LPAM) Office and the Mobile Source Air Pollution Reduction Review Committee staff to coordinate outreach activities, align project and policy goals, and maximize fund matching and leveraging opportunities for local governments.
- Lead and contribute to efforts and policy development that will continue to encourage telework practices and remote meeting attendance that have evolved from the COVID-19 pandemic.

Local Government Staff

- Develop new resources or enhance existing program tools that will assist local governments with identifying, monitoring and reporting eligible AB 2766 projects and programs, such as:
 - 1) Implementing and continuing to develop the web-based reporting process for local government annual report submissions
 - 2) Updating the Resource Guide to better align with the AQMP and CARB direction
 - 3) Enhancing Marketing Materials
- Encourage fund leveraging and pre-designation of funds for future quantifiable project implementation.
- Act as an intermediary between District and city staffs, COG representatives and local government leadership to streamline project and policy development.
- Maintain an outreach presence through meetings with local governments' AB 2766 administrators as a means to:
 - 1) Provide technical guidance on program changes and legal constraints of AB 2766 spending;
 - 2) Provide technical hands-on assistance with calculating, tracking and reporting on projects that will yield quantifiable emission reductions;

- 3) Provide a list of eligible, preferred projects, as well as encourage pre-designating funds for future projects;
 - 4) Provide training on the automated reporting and submittal processes.
- Encourage all AB 2766 administrators to virtually attend the annual AB 2766 training sessions to learn about AB 2766 software submittal procedures, as well as updates, changes and/or modifications to the AB 2766 Program.

Councils of Government

- Coordinate with COG staff to ensure accurate program reporting on project activities funded with AB 2766 funds received from their member cities and counties. Emphasis will continue to be placed on the importance of ensuring that projects funded by COGs adhere to the AB 2766 guidelines and criteria established by CARB.
- Respond to feedback from local governments and their respective COGs on various AB 2766 program matters, including the annual reporting process, and the use of subvention funds allocated towards COG sponsored projects.
- Host specialized training sessions for COG staff and member jurisdictions on project coordination and annual reporting requirements.

CARB Collaboration

- Create and manage the reporting process for South Coast Air District fund recipients with oversight from CARB as outlined in the July 31, 2019 Memorandum of Understanding for the collection of fund expenditures, project implementation, emission reductions, cost effectiveness, and other relevant data.
- Continue to collaborate with CARB to effectively communicate program and financial reports and receive updated emission factors and program direction.
- Continue to collaborate with CARB to align the program with statewide and local emission reduction goals.

ATTACHMENT A
Eligible Cities and Counties (FY 2020-21)

Eligible Cities and Counties (FY 2020-21)

Los Angeles County	Los Angeles County (cont'd)	Orange County	Riverside County	San Bernardino County
Agoura Hills	Lakewood	Aliso Viejo	Banning	Big Bear Lake
Alhambra	Lawndale	Anaheim	Beaumont	Chino
Arcadia	Lomita	Brea	Calimesa	Chino Hills
Artesia	Long Beach	Buena Park	Canyon Lake	Colton
Azusa	Los Angeles City	Costa Mesa	Cathedral City	County of San Bernardino
Baldwin Park	Lynwood	County of Orange	Coachella	
Bell	Malibu	Cypress	Corona	Fontana
Bell Gardens	Manhattan Beach	Dana Point	County of Riverside	Grand Terrace
Bellflower	Maywood	Fountain Valley	Desert Hot Springs	Highland
Beverly Hills	Monrovia	Fullerton	Eastvale	Loma Linda
Burbank	Montebello	Garden Grove	Hemet	Montclair
Calabasas	Monterey Park	Huntington Beach	Indian Wells	Ontario
Carson	Norwalk	Irvine	Indio	Rancho Cucamonga
Cerritos	Palos Verdes Estates	La Habra	Jurupa Valley	Redlands
Claremont	Paramount	La Palma	La Quinta	Rialto
Commerce	Pasadena	Laguna Beach	Lake Elsinore	San Bernardino (City)
Compton	Pico Rivera	Laguna Hill	Menifee	Upland
County of Los Angeles	Pomona	Laguna Niguel	Moreno Valley	Yucaipa
Covina	Rancho Palos Verdes	Laguna Woods	Murrieta	
Cudahy	Redondo Beach	Lake Forest	Norco	
Culver City	Rolling Hills Estates	Los Alamitos	Palm Desert	
Diamond Bar	Rosemead	Mission Viejo	Palm Springs	
Downey	San Dimas	Newport Beach	Perris	
Duarte	San Fernando	Orange (City)	Rancho Mirage	
El Monte	San Gabriel	Placentia	Riverside (City)	
El Segundo	San Marino	Rancho Santa Margarita	San Jacinto	
Gardena	Santa Clarita	San Clemente	Temecula	
Glendale	Santa Fe Springs	San Juan Capistrano	Wildomar	
Glendora	Santa Monica	Santa Ana		
Hawaiian Gardens	Sierra Madre	Seal Beach		
Hawthorne	Signal Hill	Stanton		
Hermosa Beach	South El Monte	Tustin		
Hidden Hills	South Gate	Villa Park		
Huntington Park	South Pasadena	Westminster		
Inglewood	Temple City	Yorba Linda		
Irwindale	Torrance			
La Canada Flintridge	Walnut			
La Habra Heights	West Covina			
La Mirada	West Hollywood			
La Puente	Westlake Village			
La Verne	Whittier			
Total Eligible Governments = 162	Los Angeles = 82	Orange = 35	Riverside = 28	San Bernardino = 17

ATTACHMENT B

FY 2020-21 AB 2766 Subvention Fund Program Reports

South Coast Cities and Counties Financial Summary of Motor Vehicle Funds

Fiscal year 2020 - 2021

County and Local Government	Beginning Balance	Motor Vehicle Fees Received	Interest	Revenue	Project Spending	Admin	Ending Balance	Funds Pre-Designated for Future Year
<i>Los Angeles</i>								
Agoura Hills	\$78,501	\$45,693	\$555	\$124,748	\$0	\$0	\$124,748	\$124,000
Alhambra	\$199,196	\$140,538	\$199	\$339,933	\$75,749	\$2,863	\$261,321	\$250,000
Arcadia	\$137,412	\$74,706	\$1,558	\$213,676	\$11,164	\$0	\$202,513	\$200,000
Artesia	\$141,356	\$21,532	\$2,742	\$165,630	\$0	\$0	\$165,630	\$100,000
Azusa	\$241,269	\$80,902	\$1,280	\$323,451	\$7,383	\$0	\$316,068	\$237,000
Baldwin Park	\$539,031	\$99,568	\$642	\$639,241	\$130,092	\$0	\$509,150	\$404,000
Bell	\$148,675	\$59,142	\$1,360	\$209,177	\$0	\$606	\$208,571	\$10,000
Bell Gardens	\$45,868	\$52,901	\$209	\$98,977	\$875	\$808	\$97,295	\$97,000
Bellflower	\$293,084	\$101,995	\$1,010	\$396,089	\$81,718	\$0	\$314,371	\$314,371
Beverly Hills	\$231,900	\$44,103	\$1,100	\$277,103	\$2,927	\$0	\$274,176	\$274,176
Burbank	\$445,084	\$138,231	\$688	\$584,003	\$111,072	\$0	\$472,931	\$472,960
Calabasas	\$85,143	\$31,590	\$293	\$117,026	\$0	\$0	\$117,026	\$85,443
Carson	\$454,243	\$121,579	\$2,284	\$578,106	\$101,416	\$0	\$476,690	\$476,690
Cerritos	\$582,221	\$66,152	\$4,883	\$653,256	\$46,519	\$4,223	\$602,514	\$602,514
Claremont	\$273,712	\$46,756	\$1,849	\$322,318	\$1,151	\$0	\$321,167	\$300,000
Commerce	\$4,334	\$16,605	\$25	\$20,964	\$2,458	\$0	\$18,507	\$14,173
Compton	\$801,280	\$128,008	\$3,794	\$933,083	\$6,089	\$0	\$926,994	\$800,000
Los Angeles County	\$4,375,413	\$1,369,000	\$64,000	\$5,808,413	\$1,831,905	\$0	\$3,976,508	\$3,800,000
Covina	\$93,458	\$63,782	\$837	\$158,077	\$93,110	\$2,270	\$62,697	\$62,500
Cudahy	\$92,094	\$31,563	\$1,377	\$125,034	\$15,076	\$0	\$109,958	\$109,957
Culver City	\$251,753	\$51,236	\$2,728	\$305,717	\$36,000	\$0	\$269,717	\$190,000
Diamond Bar	\$146,703	\$74,661	\$2,378	\$223,742	\$27,539	\$0	\$196,203	\$196,203
Downey	\$363,265	\$148,244	\$2,502	\$514,011	\$120,653	\$0	\$393,358	\$350,000
Duarte	\$108,761	\$28,300	\$666	\$137,727	\$7,576	\$0	\$130,151	\$130,151
El Monte	\$233,110	\$152,352	\$1,270	\$386,732	\$65,659	\$0	\$321,073	\$300,900
El Segundo	\$96,905	\$21,907	\$1,084	\$119,896	\$0	\$0	\$119,896	\$103,000
Gardena	\$215,257	\$79,570	\$1,695	\$296,522	\$129,312	\$3,500	\$163,710	\$139,000
Glendale	\$654,257	\$332,677	\$10,685	\$997,619	\$78,746	\$10,091	\$908,782	\$700,000
Glendora	\$242,576	\$67,988	\$389	\$310,954	\$8,157	\$4,079	\$298,718	\$291,931
Hawaiian Gardens	\$21,462	\$19,128	\$8	\$40,599	\$1,913	\$0	\$38,686	\$33,449
Hawthorne	\$156,067	\$113,476	\$299	\$269,842	\$100,840	\$0	\$169,002	\$14,325
Hermosa Beach	\$40,278	\$25,612	\$166	\$66,056	\$17,421	\$0	\$48,635	\$48,635

County and Local Government	Beginning Balance	Motor Vehicle Fees Received	Interest	Revenue	Project Spending	Admin	Ending Balance	Funds Pre-Designated for Future Year
Hidden Hills	\$3,421	\$2,439	\$81	\$5,941	\$0	\$0	\$5,941	\$5,000
Huntington Park	\$196,593	\$58,755	\$274	\$255,622	\$14,388	\$0	\$241,234	\$200,000
Inglewood	\$246,283	\$146,210	\$1,967	\$394,460	\$0	\$6,789	\$387,670	\$25,000
Irwindale	\$2,626	\$1,872	\$6	\$4,504	\$0	\$0	\$4,504	\$4,504
La Canada Flintridge	\$273,839	\$26,718	\$2,525	\$303,081	\$2,303	\$0	\$300,778	\$215,875
La Habra Heights	\$7,230	\$7,131	\$40	\$14,401	\$0	\$0	\$14,401	\$14,401
La Mirada	\$377,960	\$63,823	\$1,347	\$443,129	\$52,433	\$0	\$390,696	\$25,000
La Puente	\$123,904	\$52,973	\$264	\$177,141	\$116,429	\$1,099	\$59,613	\$59,613
La Verne	\$535,756	\$43,483	\$2,314	\$581,553	\$4,440	\$1,102	\$576,011	\$582,678
Lakewood	\$490,043	\$104,357	\$5,801	\$600,201	\$149,745	\$0	\$450,456	\$450,455
Lawndale	\$153,834	\$42,828	\$1,786	\$198,448	\$0	\$0	\$198,448	\$60,000
Lomita	\$48,090	\$26,833	\$99	\$75,022	\$27,255	\$0	\$47,767	\$45,602
Long Beach	\$1,943,619	\$616,612	\$10,937	\$2,571,167	\$285,570	\$6,577	\$2,279,020	\$1,500,000
Los Angeles City	\$3,674,175	\$5,237,075	\$66,434	\$8,977,685	\$5,160,055	\$0	\$3,817,629	\$3,800,000
Lynwood	\$285,508	\$91,646	-\$123	\$377,031	\$16,861	\$600	\$359,571	\$335,570
Malibu	\$112,473	\$15,304	\$855	\$128,632	\$9,999	\$0	\$118,633	\$118,633
Manhattan Beach	\$74,730	\$46,029	\$1,059	\$121,818	\$0	\$672	\$121,146	\$0
Maywood	\$95,878	\$36,437	\$62	\$132,377	\$0	\$0	\$132,377	\$100,000
Monrovia	\$329,617	\$49,534	\$1,929	\$381,080	\$109,915	\$0	\$271,165	\$250,000
Montebello	\$524,570	\$82,975	\$2,864	\$610,409	\$488,551	\$5,500	\$116,358	\$87,270
Monterey Park	\$235,907	\$79,305	\$1,075	\$316,287	\$7,702	\$0	\$308,585	\$231,000
Norwalk	\$136,907	\$105,826	\$955	\$243,688	\$90,434	\$0	\$153,254	\$87,564
Palos Verdes Estates	\$142,205	\$17,083	\$1,644	\$160,932	\$0	\$0	\$160,932	\$154,000
Paramount	\$348,273	\$72,420	\$1,705	\$422,398	\$8,744	\$3,252	\$410,402	\$410,402
Pasadena	\$123,261	\$189,132	\$1,670	\$314,063	\$196,978	\$0	\$117,085	\$117,085
Pico Rivera	\$391,280	\$61,711	\$1,442	\$454,433	\$25,076	\$0	\$429,357	\$425,107
Pomona	\$262,147	\$202,157	\$1,108	\$465,412	\$34,176	\$12,086	\$419,150	\$363,825
Rancho Palos Verdes	\$152,623	\$54,491	\$493	\$207,607	\$54,000	\$0	\$153,607	\$140,000
Redondo Beach	\$297,924	\$108,909	-\$867	\$405,966	\$132,666	\$4,939	\$268,361	\$297,924
Rolling Hills Estates	\$109,164	\$10,532	\$521	\$120,217	\$0	\$0	\$120,217	\$120,217
Rosemead	\$412,055	\$70,986	\$427	\$483,468	\$45,536	\$0	\$437,932	\$437,932
San Dimas	\$181,038	\$44,325	\$1,145	\$226,508	\$13,464	\$2,000	\$211,044	\$150,000
San Fernando	\$82,399	\$40,713	\$350	\$123,462	\$0	\$0	\$123,462	\$123,462
San Gabriel	\$236,710	\$52,367	\$886	\$289,964	\$0	\$0	\$289,964	\$289,964
San Marino	\$112,983	\$17,464	\$924	\$131,370	\$0	\$0	\$131,370	\$100,800
Santa Clarita	\$609,269	\$408,774	-\$5,447	\$1,012,596	\$830,987	\$3,231	\$178,378	\$178,378

County and Local Government	Beginning Balance	Motor Vehicle Fees Received	Interest	Revenue	Project Spending	Admin	Ending Balance	Funds Pre-Designated for Future Year
Santa Fe Springs	\$176,869	\$23,889	\$2,595	\$203,353	\$0	\$0	\$203,353	\$203,353
Santa Monica	\$896,174	\$120,598	\$3,820	\$1,020,592	\$0	\$7,317	\$1,013,275	\$1,013,000
Sierra Madre	\$29,832	\$14,123	\$312	\$44,268	\$0	\$0	\$44,268	\$44,268
Signal Hill	\$91,042	\$15,293	\$94	\$106,430	\$5,453	\$0	\$100,977	\$79,000
South El Monte	\$77,578	\$27,688	\$0	\$105,266	\$15,579	\$0	\$89,687	\$89,000
South Gate	\$485,295	\$126,665	\$1,059	\$613,019	\$54,759	\$6,000	\$552,260	\$500,000
South Pasadena	\$122,000	\$33,739	\$1,697	\$157,436	\$35,924	\$0	\$121,512	\$120,000
Temple City	\$98,551	\$47,204	\$218	\$145,973	\$72,830	\$0	\$73,144	\$73,000
Torrance	\$376,228	\$236,387	\$3,382	\$615,997	\$226,443	\$0	\$389,554	\$376,228
Walnut	\$16,220	\$39,081	\$12	\$55,313	\$30,080	\$0	\$25,233	\$25,233
West Covina	\$351,639	\$172,248	\$1,217	\$525,104	\$1,580	\$401	\$523,123	\$500,000
West Hollywood	\$225,226	\$47,273	\$533	\$273,032	\$119	\$0	\$272,913	\$260,835
Westlake Village	\$41,538	\$10,723	\$0	\$52,261	\$5,102	\$0	\$47,159	\$0
Whittier	\$1,030,603	\$113,343	-\$2,239	\$1,141,707	\$15,019	\$3,656	\$1,123,032	\$1,077,124
County Total:	\$29,146,758	\$13,166,980	\$235,807	\$42,549,545	\$11,453,112	\$93,661	\$31,002,771	\$27,100,680

Orange

Aliso Viejo	\$964,716	\$65,347	\$19,251	\$1,049,313	\$36,069	\$0	\$1,013,244	\$1,032,073
Anaheim	\$245,791	\$466,588	\$4,725	\$717,104	\$387,939	\$6,033	\$323,132	\$307,000
Brea	\$357,470	\$73,855	\$6,572	\$437,896	\$0	\$0	\$437,896	\$437,896
Buena Park	\$438,458	\$107,071	\$5,218	\$550,747	\$7,226	\$0	\$543,521	\$543,521
Costa Mesa	\$491,309	\$149,874	-\$1,404	\$639,779	\$122,448	\$15,000	\$502,331	\$345,000
Orange County	\$372,766	\$167,690	\$2,923	\$543,379	\$163,839	\$695	\$378,846	\$163,839
Cypress	\$0	\$64,339	\$0	\$64,339	\$64,339	\$0	\$0	\$0
Dana Point	\$589,162	\$43,281	\$14,148	\$646,591	\$0	\$0	\$646,591	\$646,591
Fountain Valley	\$427,385	\$72,964	\$5,010	\$505,359	\$0	\$1,109	\$504,250	\$85,000
Fullerton	\$634,558	\$185,242	\$4,527	\$824,327	\$0	\$11	\$824,316	\$200,000
Garden Grove	\$296,159	\$228,252	\$2,949	\$527,360	\$82,692	\$14,266	\$430,402	\$322,801
Huntington Beach	\$1,261,957	\$262,829	\$8,103	\$1,532,889	\$9,817	\$5,561	\$1,517,511	\$1,000,000
Irvine	\$560,815	\$367,848	-\$972	\$927,691	\$413,858	\$13,002	\$500,831	\$502,286
La Habra	\$54,413	\$82,749	\$1,642	\$138,804	\$0	\$0	\$138,804	\$104,103
La Palma	\$185,140	\$20,229	\$551	\$205,920	\$0	\$0	\$205,920	\$0
Laguna Beach	\$22,259	\$29,067	\$583	\$51,909	\$30,000	\$0	\$21,909	\$21,907
Laguna Hills	\$269,223	\$41,142	\$93	\$310,458	\$5,610	\$0	\$304,848	\$304,848
Laguna Niguel	\$608,431	\$85,288	\$0	\$693,719	\$270,358	\$0	\$423,362	\$423,362
Laguna Woods	\$196,319	\$26,379	\$2,222	\$224,920	\$290	\$0	\$224,630	\$175,000

County and Local Government	Beginning Balance	Motor Vehicle Fees Received	Interest	Revenue	Project Spending	Admin	Ending Balance	Funds Pre-Designated for Future Year
Lake Forest	\$665,939	\$110,614	\$3,952	\$780,505	\$242,740	\$0	\$537,765	\$537,000
Los Alamitos	\$115,169	\$15,104	\$1,202	\$131,475	\$0	\$0	\$131,475	\$61,865
Mission Viejo	\$364,448	\$123,092	\$3,139	\$490,679	\$168,514	\$1,150	\$321,015	\$126,650
Newport Beach	\$1,222,486	\$110,813	\$2,114	\$1,335,413	\$81,013	\$0	\$1,254,400	\$1,250,000
Orange City	\$183,108	\$187,394	\$140	\$370,642	\$214,469	\$6,098	\$150,075	\$200,000
Placentia	\$121,060	\$67,240	\$492	\$188,792	\$52,054	\$0	\$136,738	\$136,738
Rancho Santa Margarita	\$104,999	\$63,713	\$759	\$169,471	\$7,176	\$0	\$162,294	\$162,293
San Clemente	\$59,091	\$84,329	\$4,397	\$147,817	\$13,064	\$0	\$134,753	\$80,000
San Juan Capistrano	\$355,192	\$47,423	\$228	\$402,843	\$8,689	\$0	\$394,154	\$295,616
Santa Ana	\$1,400,245	\$543,198	\$12,654	\$1,956,097	\$285,529	\$20,000	\$1,650,568	\$1,400,245
Seal Beach	\$0	\$32,634	\$232	\$32,866	\$619	\$0	\$32,247	\$0
Stanton	\$229,948	\$51,026	\$2,307	\$283,281	\$109,368	\$0	\$173,913	\$173,900
Tustin	\$548,854	\$104,961	\$2,132	\$655,947	\$516,422	\$239	\$139,286	\$139,286
Villa Park	\$68,094	\$7,529	\$331	\$75,954	\$0	\$75	\$75,879	\$75,878
Westminster	\$531,448	\$120,682	\$8,376	\$660,506	\$20,596	\$7,543	\$632,367	\$632,367
Yorba Linda	\$1,056,196	\$89,641	\$567	\$1,146,404	\$62,103	\$0	\$1,084,301	\$234,750
County Total:	\$15,002,608	\$4,299,428	\$119,160	\$19,421,197	\$3,376,840	\$90,781	\$15,953,576	\$12,121,815
Riverside								
Banning	\$215,098	\$40,642	\$109	\$255,849	\$3,000	\$199	\$252,650	\$187,000
Beaumont	\$448,982	\$67,215	\$1,864	\$518,062	\$60,636	\$0	\$457,426	\$457,000
Calimesa	\$20,810	\$12,182	\$118	\$33,110	\$1,218	\$70	\$31,822	\$31,822
Canyon Lake	\$111,234	\$14,364	-\$34	\$125,564	\$0	\$0	\$125,564	\$99,759
Cathedral City	\$162,823	\$69,964	\$2,964	\$235,751	\$54,916	\$0	\$180,835	\$176,219
Coachella	\$35,235	\$76,121	-\$132	\$111,224	\$46,211	\$0	\$65,013	\$50,000
Corona	\$1,187,464	\$219,695	-\$9,131	\$1,398,028	\$17,369	\$1,100	\$1,379,559	\$1,313,778
Riverside County	\$801,177	\$503,232	\$1,483	\$1,305,893	\$260,882	\$0	\$1,045,011	\$850,000
Desert Hot Springs	\$26,538	\$38,729	\$30	\$65,298	\$29,047	\$0	\$36,251	\$30,000
Eastvale	\$427,465	\$86,721	\$7,501	\$521,687	\$8,672	\$0	\$513,015	\$384,761
Hemet	\$744,425	\$111,220	\$67	\$855,712	\$10,378	\$0	\$845,334	\$744,425
Indian Wells	\$10,448	\$7,055	\$27	\$17,530	\$5,291	\$0	\$12,239	\$6,458
Indio	\$224,302	\$118,501	\$1,034	\$343,837	\$153,776	\$1,849	\$188,212	\$160,000
Jurupa Valley	\$388,258	\$139,827	\$1,315	\$529,400	\$83,077	\$0	\$446,322	\$340,000
La Quinta	\$23,518	\$66,268	-\$152	\$89,635	\$39,820	\$0	\$49,815	\$49,800
Lake Elsinore	\$412,510	\$82,856	\$2,005	\$497,371	\$0	\$0	\$497,371	\$497,371

County and Local Government	Beginning Balance	Motor Vehicle Fees Received	Interest	Revenue	Project Spending	Admin	Ending Balance	Funds Pre-Designated for Future Year
Menifee	\$55,167	\$126,782	\$383	\$182,332	\$0	\$2,500	\$179,832	\$106,969
Moreno Valley	\$311,722	\$272,697	\$2,975	\$587,394	\$344,734	\$9,103	\$233,557	\$250,000
Murrieta	\$374,174	\$150,897	\$4,182	\$529,254	\$5,761	\$197	\$523,296	\$523,000
Norco	\$90,758	\$35,993	\$180	\$126,931	\$0	\$1,500	\$125,431	\$95,000
Palm Desert	\$25,025	\$69,188	\$54	\$94,267	\$61,030	\$0	\$33,238	\$33,000
Palm Springs	\$67,184	\$61,929	\$3,022	\$132,135	\$52,065	\$0	\$80,070	\$65,000
Perris	\$97,956	\$104,725	\$1,556	\$204,237	\$0	\$0	\$204,237	\$204,237
Rancho Mirage	\$81,247	\$24,959	\$234	\$106,439	\$18,719	\$0	\$87,720	\$87,720
Riverside City	\$1,071,018	\$424,326	\$28,805	\$1,524,149	\$77,309	\$1,561	\$1,445,278	\$1,200,000
San Jacinto	\$133,496	\$66,631	\$1,801	\$201,928	\$6,000	\$994	\$194,934	\$194,934
Temecula	\$36,881	\$146,208	-\$55	\$183,034	\$0	\$0	\$183,034	\$172,301
Wildomar	\$164,037	\$48,553	\$203	\$212,792	\$3,059	\$1,089	\$208,645	\$208,645
County Total:	\$7,748,953	\$3,187,480	\$52,408	\$10,988,841	\$1,342,970	\$20,161	\$9,625,710	\$8,519,199
San Bernardino								
Big Bear Lake	\$80,334	\$6,798	\$66	\$87,197	\$0	\$0	\$87,197	\$87,197
Chino	\$618,845	\$116,357	\$2,998	\$738,200	\$5,125	\$0	\$733,075	\$730,000
Chino Hills	\$675,254	\$107,608	-\$400	\$782,462	\$265,531	\$4,409	\$512,522	\$491,484
Colton	\$344,688	\$70,666	\$390	\$415,744	\$0	\$0	\$415,744	\$307,320
San Bernardino County	\$146,838	\$310,043	\$12,682	\$469,563	\$391,716	\$19,378	\$58,470	\$58,470
Fontana	\$1,290,544	\$278,363	\$636	\$1,569,544	\$216,531	\$17,900	\$1,335,113	\$1,185,956
Grand Terrace	\$136	\$16,060	-\$89	\$16,107	\$5,000	\$0	\$11,107	\$11,000
Highland	\$316,483	\$72,240	\$1,691	\$390,414	\$59,463	\$0	\$330,951	\$330,951
Loma Linda	\$32,944	\$32,037	\$126	\$65,107	\$38,566	\$2,002	\$24,539	\$24,539
Montclair	\$160,736	\$51,565	\$674	\$212,975	\$0	\$0	\$212,975	\$164,000
Ontario	\$1,595,474	\$238,790	\$4,057	\$1,838,321	\$82,082	\$132	\$1,756,107	\$1,756,107
Rancho Cucamonga	\$793,630	\$229,193	-\$2,308	\$1,020,515	\$433,837	\$7,070	\$579,608	\$398,120
Redlands	\$589,165	\$115,131	\$1,518	\$705,814	\$372,658	\$0	\$333,156	\$333,156
Rialto	\$490,786	\$136,523	\$4,232	\$631,541	\$138,170	\$6,826	\$486,545	\$364,831
San Bernardino City	\$897,379	\$284,590	\$2,777	\$1,184,746	\$685,803	\$252	\$498,691	\$450,000
Upland	\$222,383	\$102,914	\$1,132	\$326,429	\$134,756	\$6,432	\$185,241	\$159,000
Yucaipa	\$5,121	\$72,748	\$828	\$78,697	\$78,697	\$0	\$0	\$0
County Total:	\$8,260,740	\$2,241,626	\$31,010	\$10,533,376	\$2,907,933	\$64,401	\$7,561,042	\$6,852,131

County and Local Government	Beginning Balance	Motor Vehicle Fees Received	Interest	Revenue	Project Spending	Admin	Ending Balance	Funds Pre-Designated for Future Year
Grand Total:	\$60,159,059	\$22,895,514	\$438,385	\$83,492,959	\$19,080,855	\$269,005	\$64,143,099	\$54,593,825
<i>Number of Local Governments:</i>	162							

Local Government Administrative Costs

Fiscal year 2020 - 2021

Local Government	Administrative Costs	Motor Vehicle Revenues	Admin Costs as % of Revenues
Agoura Hills	\$0	\$124,748	0%
Alhambra	\$2,863	\$339,933	2.04%
Aliso Viejo	\$0	\$1,049,313	0%
Anaheim	\$6,033	\$717,104	1.29%
Arcadia	\$0	\$213,676	0%
Artesia	\$0	\$165,630	0%
Azusa	\$0	\$323,451	0%
Baldwin Park	\$0	\$639,241	0%
Banning	\$199	\$255,849	0.49%
Beaumont	\$0	\$518,062	0%
Bell	\$606	\$209,177	1.02%
Bell Gardens	\$808	\$98,977	1.53%
Bellflower	\$0	\$396,089	0%
Beverly Hills	\$0	\$277,103	0%
Big Bear Lake	\$0	\$87,197	0%
Brea	\$0	\$437,896	0%
Buena Park	\$0	\$550,747	0%
Burbank	\$0	\$584,003	0%
Calabasas	\$0	\$117,026	0%
Calimesa	\$70	\$33,110	0.57%
Canyon Lake	\$0	\$125,564	0%
Carson	\$0	\$578,106	0%
Cathedral City	\$0	\$235,751	0%
Cerritos	\$4,223	\$653,256	6.38%
Chino	\$0	\$738,200	0%
Chino Hills	\$4,409	\$782,462	4.1%
Claremont	\$0	\$322,318	0%
Coachella	\$0	\$111,224	0%
Colton	\$0	\$415,744	0%
Commerce	\$0	\$20,964	0%
Compton	\$0	\$933,083	0%
Corona	\$1,100	\$1,398,028	0.5%
Costa Mesa	\$15,000	\$639,779	10.01%
Covina	\$2,270	\$158,077	3.56%
Cudahy	\$0	\$125,034	0%
Culver City	\$0	\$305,717	0%
Cypress	\$0	\$64,339	0%
Dana Point	\$0	\$646,591	0%
Desert Hot Springs	\$0	\$65,298	0%
Diamond Bar	\$0	\$223,742	0%
Downey	\$0	\$514,011	0%
Duarte	\$0	\$137,727	0%
Eastvale	\$0	\$521,687	0%

Local Government	Administrative Costs	Motor Vehicle Revenues	Admin Costs as % of Revenues
El Monte	\$0	\$386,732	0%
El Segundo	\$0	\$119,896	0%
Fontana	\$17,900	\$1,569,544	6.43%
Fountain Valley	\$1,109	\$505,359	1.52%
Fullerton	\$11	\$824,327	0.01%
Garden Grove	\$14,266	\$527,360	6.25%
Gardena	\$3,500	\$296,522	4.4%
Glendale	\$10,091	\$997,619	3.03%
Glendora	\$4,079	\$310,954	6%
Grand Terrace	\$0	\$16,107	0%
Hawaiian Gardens	\$0	\$40,599	0%
Hawthorne	\$0	\$269,842	0%
Hemet	\$0	\$855,712	0%
Hermosa Beach	\$0	\$66,056	0%
Hidden Hills	\$0	\$5,941	0%
Highland	\$0	\$390,414	0%
Huntington Beach	\$5,561	\$1,532,889	2.12%
Huntington Park	\$0	\$255,622	0%
Indian Wells	\$0	\$17,530	0%
Indio	\$1,849	\$343,837	1.56%
Inglewood	\$6,789	\$394,460	4.64%
Irvine	\$13,002	\$927,691	3.53%
Irwindale	\$0	\$4,504	0%
Jurupa Valley	\$0	\$529,400	0%
La Canada Flintridge	\$0	\$303,081	0%
La Habra	\$0	\$138,804	0%
La Habra Heights	\$0	\$14,401	0%
La Mirada	\$0	\$443,129	0%
La Palma	\$0	\$205,920	0%
La Puente	\$1,099	\$177,141	2.07%
La Quinta	\$0	\$89,635	0%
La Verne	\$1,102	\$581,553	2.53%
Laguna Beach	\$0	\$51,909	0%
Laguna Hills	\$0	\$310,458	0%
Laguna Niguel	\$0	\$693,719	0%
Laguna Woods	\$0	\$224,920	0%
Lake Elsinore	\$0	\$497,371	0%
Lake Forest	\$0	\$780,505	0%
Lakewood	\$0	\$600,201	0%
Lawndale	\$0	\$198,448	0%
Loma Linda	\$2,002	\$65,107	6.25%
Lomita	\$0	\$75,022	0%
Long Beach	\$6,577	\$2,571,167	1.07%
Los Alamitos	\$0	\$131,475	0%
Los Angeles City	\$0	\$8,977,685	0%

Local Government	Administrative Costs	Motor Vehicle Revenues	Admin Costs as % of Revenues
Los Angeles County	\$0	\$5,808,413	0%
Lynwood	\$600	\$377,031	0.65%
Malibu	\$0	\$128,632	0%
Manhattan Beach	\$672	\$121,818	1.46%
Maywood	\$0	\$132,377	0%
Menifee	\$2,500	\$182,332	1.97%
Mission Viejo	\$1,150	\$490,679	0.93%
Monrovia	\$0	\$381,080	0%
Montclair	\$0	\$212,975	0%
Montebello	\$5,500	\$610,409	6.63%
Monterey Park	\$0	\$316,287	0%
Moreno Valley	\$9,103	\$587,394	3.34%
Murrieta	\$197	\$529,254	0.13%
Newport Beach	\$0	\$1,335,413	0%
Norco	\$1,500	\$126,931	4.17%
Norwalk	\$0	\$243,688	0%
Ontario	\$132	\$1,838,321	0.06%
Orange City	\$6,098	\$370,642	3.25%
Orange County	\$695	\$543,379	0.41%
Palm Desert	\$0	\$94,267	0%
Palm Springs	\$0	\$132,135	0%
Palos Verdes Estates	\$0	\$160,932	0%
Paramount	\$3,252	\$422,398	4.49%
Pasadena	\$0	\$314,063	0%
Perris	\$0	\$204,237	0%
Pico Rivera	\$0	\$454,433	0%
Placentia	\$0	\$188,792	0%
Pomona	\$12,086	\$465,412	5.98%
Rancho Cucamonga	\$7,070	\$1,020,515	3.08%
Rancho Mirage	\$0	\$106,439	0%
Rancho Palos Verdes	\$0	\$207,607	0%
Rancho Santa Margarita	\$0	\$169,471	0%
Redlands	\$0	\$705,814	0%
Redondo Beach	\$4,939	\$405,966	4.53%
Rialto	\$6,826	\$631,541	5%
Riverside City	\$1,561	\$1,524,149	0.37%
Riverside County	\$0	\$1,305,893	0%
Rolling Hills Estates	\$0	\$120,217	0%
Rosemead	\$0	\$483,468	0%
San Bernardino City	\$252	\$1,184,746	0.09%
San Bernardino County	\$19,378	\$469,563	6.25%
San Clemente	\$0	\$147,817	0%
San Dimas	\$2,000	\$226,508	4.51%
San Fernando	\$0	\$123,462	0%
San Gabriel	\$0	\$289,964	0%

Local Government	Administrative Costs	Motor Vehicle Revenues	Admin Costs as % of Revenues
San Jacinto	\$994	\$201,928	1.49%
San Juan Capistrano	\$0	\$402,843	0%
San Marino	\$0	\$131,370	0%
Santa Ana	\$20,000	\$1,956,097	3.68%
Santa Clarita	\$3,231	\$1,012,596	0.79%
Santa Fe Springs	\$0	\$203,353	0%
Santa Monica	\$7,317	\$1,020,592	6.07%
Seal Beach	\$0	\$32,866	0%
Sierra Madre	\$0	\$44,268	0%
Signal Hill	\$0	\$106,430	0%
South El Monte	\$0	\$105,266	0%
South Gate	\$6,000	\$613,019	4.74%
South Pasadena	\$0	\$157,436	0%
Stanton	\$0	\$283,281	0%
Temecula	\$0	\$183,034	0%
Temple City	\$0	\$145,973	0%
Torrance	\$0	\$615,997	0%
Tustin	\$239	\$655,947	0.23%
Upland	\$6,432	\$326,429	6.25%
Villa Park	\$75	\$75,954	1%
Walnut	\$0	\$55,313	0%
West Covina	\$401	\$525,104	0.23%
West Hollywood	\$0	\$273,032	0%
Westlake Village	\$0	\$52,261	0%
Westminster	\$7,543	\$660,506	6.25%
Whittier	\$3,656	\$1,141,707	3.23%
Wildomar	\$1,089	\$212,792	2.24%
Yorba Linda	\$0	\$1,146,404	0%
Yucaipa	\$0	\$78,697	0%

Local Government Projects Funded by Category
Fiscal year 2020 - 2021

Project Category & Subcategory	Project Name	Motor Vehicle Expenditure
(I) Alternative Fuels/Electric Vehicles		
(1a) Alternative Fuel Vehicle Purchases/Leases		
Alhambra	Purchase of one (1) 2021 Honda Clarity	\$32,774
Azusa	Lease of Hybrid Pool Vehicle	\$4,026
Baldwin Park	Fleet Leasing Program	\$78,105
Baldwin Park	Fleet Leasing Program	\$26,401
Baldwin Park	Fleet Leasing Program	\$25,586
Beaumont	Purchase of 1 Hybrid Vehicle	\$31,797
Beaumont	Purchase of 1 Hybrid Vehicle	\$28,839
Bellflower	Two 2020 Ford Police Interceptor Hybrid Vehicles	\$81,718
Chino Hills	CNG Dump Truck	\$145,294
Chino Hills	Purchase of CNG Brush Truck	\$85,856
Covina	2020 Toyota Camry Hybrid LE	\$30,300
Covina	2020 Toyota Prius - Lease	\$7,170
Cudahy	2018 Ford Fusion	\$6,176
Cudahy	2018 Toyota Highlander	\$8,900
Cypress	Compressed Natural Gas Sewer Cleaning Truck	\$64,339
Duarte	Alternative Fuel/Electric Vehicle Lease Program	\$3,788
Duarte	Hybrid Vehicle Lease	\$3,788
El Monte	Regional PM10 Street Sweeper Contract (2 Vehicles)	\$27,864
Garden Grove	2019 TZEV Vehicle Purchase	\$2,000
Garden Grove	2021 TZEV Vehicle Purchase	\$2,000
Gardena	Lease (1) 2018 Toyota Avalon Hybrid XLE Premium	\$9,436
Gardena	Lease (1) 2019 Hyundai Ioniq Plug-In Hybrid Hatchback	\$6,453
Gardena	Lease (2) 2016 Ford Fusion Hybrid PZEV	\$13,565
Gardena	Purchase (1) 2020 Toyota Highlander Hybrid LE AWD	\$42,544
Huntington Park	Hybrid Leased Vehicles	\$14,388
Jurupa Valley	Purchase of three 2020 Ford Escape Hybrids	\$83,077
La Mirada	Purchase Hybrid Ford Escape	\$33,085
La Puente	Purchase (1) transit bus	\$103,762
Laguna Beach	City of Laguna Beach Senior Mobility Program	\$30,000
Laguna Niguel	Hybrid Lease Vehicles	\$11,050
Lakewood	Purchase (1) 2019 Ford Police Responder Hybrid Sedan	\$33,480
Lakewood	Purchase (1) 2020 Ford Fusion SE Hybrid Sedan	\$26,462
Lakewood	Purchase (2) 2020 Ford Police Responder Hybrid Sedans	\$64,562
Long Beach	Differential Cost for Purchase of CNG Vehicles	\$126,000
Los Angeles City	Purchase of 3 CNG Solid Waste Collection Vehicles	\$135,000
Los Angeles City	Purchase of 4 CNG Solid Waste Collection Vehicles	\$180,000

Montebello	Vehicle Purchase	\$325,342
Pico Rivera	Lease payments (4) Hybrid Vehicles (2019 Toyota Prius L Eco)	\$16,800
Rosemead	Lease Vehicle Unit #511	\$5,617
Rosemead	Vehicle Lease #504	\$9,932
San Bernardino City	Purchase of New 2020 Caterpillar Model 926M Wheel Loader	\$197,743
San Bernardino City	Purchase of New 2020 Vactor 2110i Jet Rodder	\$479,890
Stanton	The purchase of three Toyota RAV 4 HV	\$109,368
Temple City	Lease of City Fleet Hybrid Vehicles	\$31,213
Temple City	Lease of City Fleet Plug-in Hybrid Vehicles	\$41,617
Torrance	CNG Dump Truck	\$75,000
Tustin	Street sweeper purchase	\$393,210
Upland	Vehicle Purchase	\$125,722
Westlake Village	Lease of One Alternative Fuel Vehicle	\$5,102
Westminster	Plug-in Hybrid Electric Vehicle Lease	\$20,596
Yorba Linda	2 new Toyota Hybrids	\$58,103
	Subcategory Total:	\$3,504,839

(1b) Alternative Fuel Vehicle Conversions

Irvine	conversion of vehicles	\$76,166
Long Beach	Gas to CNG Conversion	\$4,955
Long Beach	Gas to CNG Conversion	\$14,346
Long Beach	Gas to CNG Conversion	\$14,427
Long Beach	Gas to CNG Conversion	\$37,044
Long Beach	Gas to CNG Conversion	\$1,200
Long Beach	Gas to CNG Conversion	\$12,900
Long Beach	Gas to CNG Conversion: 2 F-350 Medium 2	\$26,701
	Subcategory Total:	\$187,739

(1c) Alternative Fuel Infrastructure

Alhambra	CNG Station Upgrade Phase II	\$5,695
Los Angeles City	LADOT/St Lighting Installation of EV Chargers Citywide	\$125,177
Monrovia	City of Monrovia EV Chargers	\$109,915
Ontario	CNG Compressor Upgrade	\$67,457
Redondo Beach	Electric Vehicle Charging Stations	\$91,662
Santa Clarita	EV Charging Station (R0022)	\$6,682
	Subcategory Total:	\$406,587

(1d) Electric Vehicle Purchases/Leases

Carson	Electric Vehicle Purchase	\$66,488
Covina	2020 Nissan Leaf S Plus	\$10,000
Covina	2020 Nissan Leaf S Plus	\$38,346
Fontana	AFV Rebate Program	\$500
Fontana	AFV Rebate Program	\$500
Fontana	AFV Rebate Program	\$500
Garden Grove	2020 Electric Vehicle Purchase (ZEV)	\$2,500
Garden Grove	2021 Electric Vehicle Purchase (ZEV)	\$5,000
Gardena	Lease (1) 2020 Tesla Model 3 AWD	\$16,192
Hemet	One New 2020 Nissan Leaf	\$5,378
La Mirada	Purchase electric utility cart for public works department	\$19,349

La Puente	Purchase of Workman GTX Electric Vehicle (1)	\$12,667
Lomita	Lease of Electric Vehicle Nissan leaf	\$3,948
Lomita	Lease of one Electric Vehicle 2019 Volkswagen Golf	\$3,307
Lynwood	John Deere Gator TE	\$16,861
Orange City	Electric Vehicles	\$95,340
Orange County	Electric 2020 Toyota FBCU25	\$45,478
Orange County	Replacement of propane by Electric Forklift for Sheriffs Office	\$83,361
Placentia	Placentia's Electric Vehicle Fleet Project: 10 Chevy Sparks	\$11,444
Rancho Cucamonga	Purchase of (3) 2020 Chevrolet Bolt	\$73,671
Riverside City	Alternative Fuel Vehicle Rebate Program	\$2,500
Rosemead	Electric Utility Cart Purchase	\$29,987
South El Monte	Fuel Efficient Vehicle Program	\$15,579
South Gate	Purchase 1 Electric Golf car	\$11,778
South Gate	Purchase 1 Electric Golf car	\$11,778
Tustin	Purchase two EV Sedans	\$89,904

Subcategory Total: \$672,354

(1f) Electric Vehicle Infrastructure

Alhambra	Electric Vehicle Charging Stations installation	\$37,280
Aliso Viejo	Installations of four public access electric vehicle charging stations	\$36,069
Chino Hills	EV Charging Stations	\$22,575
Costa Mesa	City Hall EV Charging Stations	\$99,236
Culver City	Level II Charging Station Installation	\$36,000
Hermosa Beach	Electric Vehicle Chargers	\$16,011
Indio	MSRC Local Government Partnership for EV charging stations	\$64,900
Irvine	Electric Vehicle Infrastructure	\$135,708
La Canada Flintridge	Ongoing Software Support & Network Plan	\$2,303
Laguna Hills	Laguna Hills Civic Center EV Charging Stations Project, CIP No. 505	\$5,610
Laguna Woods	City Hall Electric Vehicle Charging Infrastructure Project	\$290
Lakewood	Purchase (2) New EV Charging Units	\$15,242
Los Angeles City	Deployment of EV Charging Stations at Citywide location	\$213,326
Malibu	Electric Vehicle Charging Stations	\$9,999
Montebello	Two EV-Arc electric vehicle chargers	\$154,450
Murrieta	CIP 10036 Electric Vehicle Charging Stations	\$5,761
Paramount	Electricity for the the Electric Vehicles Charging Stations	\$8,744
San Dimas	Charging Station	\$13,464
Santa Ana	EV Charging Station	\$49,433
Santa Ana	EV Charging Station	\$49,433
Santa Clarita	SCV Sheriff Station (F3023)	\$146,377
Signal Hill	Electric Vehicle Charging Station Software Support	\$4,453
South Gate	ELECTRIC VEHICLE CHARGING STATION	\$5,438
Tustin	EV Charging Infrastructure with Chargers	\$33,308
Yorba Linda	EV Stations	\$4,000

Subcategory Total: \$1,169,411

(1h) Alternative Vehicles Research and Development

Newport Beach	City Yard Fueling Support Facilities	\$81,013
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Subcategory Total: \$81,013

		Category Total:	\$6,021,944
(2) Vehicle Emissions Abatement			
(2a) Off-Road Vehicle Cleaner Diesel Purchases, Repowers, and Retrofits			
South Gate	GATORS TE UTILITY VEHICLE		\$25,765
		Subcategory Total:	\$25,765
		Category Total:	\$25,765
(3) Land Use			
(3a) Plan Elements			
Hawaiian Gardens	Regional Transportation Plan		\$1,913
Los Angeles City	Land Use–LADOT Complete Streets		\$571,576
Pico Rivera	Development of Strategic Transportation Plans		\$8,275
Santa Ana	Comprehensive General Plan/Land-Use		\$140,802
Santa Ana	General Plan Circulation Element		\$2,273
Whittier	Gateway Cities COG Strategic Transportation Plan		\$11,334
		Subcategory Total:	\$736,174
(3c) Facilities (Pedestrian, Mixed Use, etc.)			
Yucaipa	New Sidewalk on Avenue E, 13th to Dunlap Channel		\$78,697
		Subcategory Total:	\$78,697
(3d) Land Use Research			
Lakewood	91/605/405 COG Major Corridor Study		\$10,000
		Subcategory Total:	\$10,000
		Category Total:	\$824,870
(4) Public Transportation (Transit & Rail)			
(4a) Public Transportation Facilities			
Los Angeles City	Mobility Hubs		\$658,019
Redlands	Downton Redlands Rail Station		\$372,658
Santa Clarita	Vista Canyon Regional Transit Center (T3021)		\$223,889
		Subcategory Total:	\$1,254,565
(4c) Transit Operations			
Anaheim	EV Line		\$85,731
Grand Terrace	Senior Transportation Program		\$5,000
San Clemente	San Clemente Trolley Operation		\$9,352
San Juan Capistrano	Trolley Program		\$7,586
Seal Beach	Senior Transportation Nutrition Shuttle		\$619
		Subcategory Total:	\$108,287
(4d) Passenger Fare Subsidies			
Anaheim	Metrolink and OCTA		\$55,849
Azusa	Transit Pass Subsidy		\$2,016
Corona	Corona Cruiser Fare Subsidy		\$2,369
Covina	Commuter Choice		\$385
Garden Grove	Transit Subsidy Metrolink & Bus		\$1,222
Glendale	Transit Fare Subsidy		\$9,303
Riverside City	Riverside Go Transit Bus Pass Subsidy Program		\$14,675
Walnut	Bus Pass Subsidies		\$80
		Subcategory Total:	\$85,898
		Category Total:	\$1,448,751

(5) Traffic Management

(5a) Traffic Calming

Chino Hills	Message Board Trailer	\$3,070
Chino Hills	Message Board Trailer	\$3,070
Long Beach	15th St Bike Blvd	\$9,443
Long Beach	Citywide 8 to 80 Connections	\$6,724
Long Beach	Delta Avenue Bike Boulevard	\$1,193
Los Angeles City	Traffic Calming Studies and Implementation	\$810,572
Rancho Santa Margarita	Traffic Calming at Avenida De Los Fundadores	\$1,328
San Clemente	Traffic Calming Program	\$3,712

Subcategory Total: \$839,111

(5b) Traffic Flow or Signalization

Anaheim	Citywide Signal Coordination N807	\$92,012
Costa Mesa	Bear Street Traffic Signal Synchronization Project	\$23,212
Highland	Traffic Signal Synchronization	\$59,463
Irvine	Irvine Traffic Research and Control Center Signal Timing	\$24,516
Laguna Niguel	Traffic Signal Coordination	\$259,308
Lake Forest	El Toro Rd Traffic Signal Synchronization	\$203,696
Lake Forest	Los Alisos Blvd Traffic Signal Synchronization	\$750
Los Angeles City	Burbank Boulevard	\$63,825
Los Angeles City	CA 1	\$65,610
Los Angeles City	Haskell Avenue	\$45,480
Los Angeles City	Hayvenhurst Avenue	\$59,382
Los Angeles City	Lassen Street	\$46,732
Los Angeles City	Mulholland Drive	\$138,805
Los Angeles City	Riverside Drive	\$63,414
Los Angeles City	Saticoy Street	\$56,669
Los Angeles City	Sepulveda Boulevard	\$74,290
Los Angeles City	Sherman Way	\$66,129
Los Angeles City	Topanga Canyon Boulevard	\$41,791
Los Angeles City	Transportation Initiatives Through Traffic Intelligence	\$728,178
Los Angeles City	Vermont Avenue	\$43,778
Mission Viejo	Alicia Parkway Traffic Signal Synchronization	\$135,494
Mission Viejo	El Toro Road Traffic Signal Synchronization	\$33,020
Moreno Valley	Traffic Signal Coordination Program	\$101,356
Placentia	Chapman-Malvern Regional Traffic Signal Synchronization	\$40,610
Rancho Santa Margarita	Los Alisos/Melinda Road Signal Equipment Upgrade	\$5,849
Santa Clarita	ITS PH VI (C0054)	\$25,189
Santa Clarita	ITS Ph VII (C0052)	\$394,367

Subcategory Total: \$2,892,924

(5c) Alternate Mode Signalization

Cerritos	Installation of rectangular rapid flashing beacon systems	\$36,250
Santa Clarita	Traffic Signal & Fiber Optic (C4016)	\$24,714

Subcategory Total: \$60,964

(5d) Traffic Management Research and Development

Chino Hills	Initial work on signal synchronization	\$2,833
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Chino Hills	Initial work on signal synchronization	\$2,833
Diamond Bar	Vehicle Counts	\$7,250
Huntington Beach	Traffic Counts	\$1,455
Pomona	Traffic Operations Communication Upgrade	\$23,064
Subcategory Total:		\$37,435
Category Total:		\$3,830,434

(6) Transportation Demand Management

(6a) Employer-Based Trip Reduction

Anaheim	Trip Reduction	\$59,969
Arcadia	Rideshare Plus Program	\$11,164
Azusa	Rideshare Financial Incentives	\$1,341
Bell Gardens	Employee Rideshare Subsidies	\$875
Buena Park	Employee Rideshare Program Incentives	\$7,226
Burbank	Employee Rideshare Subsidies	\$77,127
Burbank	Employee Transit Subsidies	\$33,945
Cerritos	City Employee Rideshare Trip Rebate Program	\$10,269
Claremont	Employer-Based Trip Reduction	\$1,151
Commerce	Employer Based Trip Reduction	\$2,458
Compton	Employee Transit Pass Subsidy Program	\$6,089
Downey	Downey Employee "Thumbs Up" Commuting Program	\$118,743
El Monte	Monthly Rideshare Incentive	\$37,605
Fontana	Employee Rideshare Program	\$4,747
Garden Grove	Rideshare Redemption Program	\$44,252
Glendale	Employer Based Trip Reduction Program	\$60,404
Glendora	Alternative Commute Program	\$8,157
Hermosa Beach	Auto Trip Reduction	\$1,410
Huntington Beach	Employee Rideshare	\$8,362
La Verne	City of La Verne Walk, Bike, Carpool or Public Transit Program	\$4,440
Los Angeles City	Employer Bike Incentive Program	\$5,300
Los Angeles City	Employer's Carpool Incentive Program	\$151,761
Los Angeles City	Employer's Transit Incentive Program	\$385,147
Los Angeles City	Employer's Walk Incentive Program	\$5,700
Los Angeles County	Countywide Rideshare Program	\$1,831,905
Montebello	Employee Rideshare Program	\$8,759
Monterey Park	Employee Rideshare Program	\$7,702
Ontario	Rideshare	\$14,625
Orange City	Trip Reduction Program (TRP)	\$111,112
Orange County	Ride Share	\$35,000
Palm Springs	Rideshare and Alternative Vehicle Incentives	\$5,618
Rancho Cucamonga	Rideshare Program	\$8,469
Redondo Beach	Employee Rideshare	\$41,004
Rialto	Employee Rideshare Program	\$31,453
Riverside City	City Employee Pass Program	\$12,272
Riverside City	Employee Rideshare	\$1,475
Riverside County	Commuter Service Rideshare Program	\$165,418
San Bernardino City	Rideshare Program	\$8,169

San Bernardino County	ECRP	\$265,617
Santa Ana	Blue Skies Rideshare	\$43,587
Santa Clarita	Monthly Passes	\$480
Santa Clarita	Rideshare Program	\$998
Torrance	Employee Rideshare	\$151,443
Upland	Rideshare Program	\$9,034
West Hollywood	Alternative Transportation Mode IncentiveProgram	\$119
Whittier	Employee Based Trip Reduction	\$3,685
	Subcategory Total:	\$3,805,586
(6b) Other Trip Reduction Incentive Programs		
Pasadena	Rideshare program	\$32,068
San Juan Capistrano	Senior Nutritional Transportation Program	\$1,103
	Subcategory Total:	\$33,171
(6c) Vanpool Programs		
Anaheim	Vanpool	\$86,078
Garden Grove	Rideshare - Vanpool Program	\$20,938
Los Angeles City	Employer's Vanpool Program	\$323,317
San Bernardino County	SCAQMD Vanpool Program	\$10,144
	Subcategory Total:	\$440,477
(6d) Park and Ride Lots		
Irvine	Security Services Provided at Train Station	\$173,025
	Subcategory Total:	\$173,025
(6e) Telecommunication		
Covina	Laptops Purchases	\$6,910
Diamond Bar	Laptops for Telecommuting	\$20,289
Gardena	Purchase of Information Technology for employees to work from home	\$40,982
Pasadena	Telecommuting	\$162,405
Pomona	Telecommute Laptops	\$3,000
San Bernardino County	Telework Program	\$110,241
South Pasadena	Teleworking	\$35,924
	Subcategory Total:	\$379,751
(6f) Transportation Management Agencies/Organizations		
Glendale	Transportation Management Agency Services (Go Glendale)	\$8,111
Irvine	Irvine Spectrum TMA	\$3,833
Los Angeles City	LADOT Trip Reduction Program Implementation	\$101,078
	Subcategory Total:	\$113,022
	Category Total:	\$4,945,032
(8) Bicycles		
(8a) Bicycle Lanes, Trails, and Bridges		
Carson	PW1451 and PW1452 BIKE LANES	\$34,928
Fontana	Alder-Locust-Ramona SRTS	\$16,110
Fontana	Metrolink Station Access Improvements	\$194,173
Long Beach	Pier J Bicycle Path	\$23,902
Long Beach	Willow Bike Path Gap Closure	\$11
Rancho Cucamonga	Day Creek Channel Bike Trail	\$4,037
Rancho Cucamonga	Southwest Cucamonga Class I Bicycle Trail Project	\$347,660

		Subcategory Total:	\$620,821
(8b) Other Bicycle Facilities			
Beverly Hills	Purchase 4 Portable Event Bike Racks		\$2,927
Rialto	Etiwanda Corridor Bikeway and Access Improvements		\$72,259
Rialto	Facilities for Bikeshare and Pedestrian Access		\$34,458
		Subcategory Total:	\$109,644
(8c) Bicycle Usage			
Orange City	Police Bike Team		\$8,017
		Subcategory Total:	\$8,017
(8d) Bicycle Research and Development			
Garden Grove	Bicycle Corridor Improvement Project		\$4,781
		Subcategory Total:	\$4,781
		Category Total:	\$743,263
(9) PM Reduction Strategies			
(9a) Road Dust Control			
Cathedral City	Regional PM10 Street Sweeping Program Using 2 Sweepers		\$54,916
Coachella	Regional PM10 Street Sweeping Program Using 2 Sweepers		\$46,211
Desert Hot Springs	Regional PM10 Street Sweeping Program Using 2 Sweepers		\$29,047
Hawthorne	RM 10 Reduction Street Sweeping Project		\$100,840
Indian Wells	Regional PM10 Street Sweeping Program Using 2 Sweepers		\$5,291
Indio	Regional PM10 Street Sweeping Program Using 2 Sweepers		\$88,876
La Quinta	Regional PM10 Street Sweeping Program Using 2 Sweepers		\$39,820
Loma Linda	City Street Sweeping		\$38,566
Lomita	Leasing alternative fuel street sweeper		\$15,000
Moreno Valley	Street Sweeping Program		\$228,378
Norwalk	Cleaner Street Sweeping Contract		\$87,564
Palm Desert	Regional PM10 Street Sweeping Program Using 2 Sweepers		\$51,891
Palm Springs	Regional PM10 Street Sweeping Program Using 2 Sweepers		\$46,447
Rancho Mirage	Regional PM10 Street Sweeping Program using 2 sweepers		\$18,719
Rancho Palos Verdes	Citywide Street Sweeping		\$54,000
Riverside County	Regional PM10 Street Sweeping Program Using 2 Sweepers		\$51,656
Walnut	Street Sweeping with CNG Sweeper		\$30,000
		Subcategory Total:	\$987,222
		Category Total:	\$987,222
(10) Public Education			
(10a) Short Term Public Education			
Banning	WRCOG emission reduction outreach programs		\$3,000
Calimesa	Clean Cities Coalition		\$1,218
Eastvale	WRCOG FY20-21 Clean Cities Coalition		\$8,672
Hemet	WRCOG Clean Cities Coalition		\$5,000
Palm Desert	SunLine Student Art Contest Sponsorship		\$5,500
Riverside City	Clean Cities Coalition		\$25,000
Riverside County	WRCOG Clean Cities Coalition Program		\$25,000
San Jacinto	WRCOG Clean Cities Coalition		\$6,000
Santa Clarita	Bike to work Advertising		\$5,716
Wildomar	Clean Cities Coalition		\$3,059

		Subcategory Total:	\$88,165
(10b) Long Term Public Education			
Anaheim	Rideshare Outreach		\$8,300
Moreno Valley	WRCOG Clean Cities Coalition		\$15,000
		Subcategory Total:	\$23,300
		Category Total:	\$111,465
(11) Miscellaneous Projects			
(11a) Miscellaneous			
Chino	Vehicle Emission		\$5,125
Corona	Western Riverside Council of Governments Clean Cities Coalition		\$15,000
Downey	2021 Audit		\$1,910
El Monte	Employee Transportation Coordinator (ETC) Training		\$190
Gardena	2021 Gardena SCAQMD Rule 2202 Registration Fees		\$141
Glendale	Rule 2202 Annual Plan Filing Fee for FY 2020		\$928
Irvine	Purchase Rule 2202 filing fee		\$609
Lake Forest	Prof Services - Traffic Engineering for Traffic Signal Monitoring		\$31,765
Lake Forest	Signal Maintenance Centracs Software		\$6,529
Lomita	Viewpoint		\$5,000
Long Beach	E-Scooter Pilot Program		\$6,724
Norwalk	AB 2766 Audit Expenses		\$2,870
Palm Desert	ChargePoint Network Service		\$3,638
Pasadena	Audit Costs		\$2,505
Pomona	Audit Services		\$1,930
Pomona	Compliance Rule 2202		\$1,007
Pomona	Purchase of Emission Credits		\$5,175
Riverside City	AQMD Rule 2202 Compliance		\$9,538
Riverside City	Computronix		\$11,850
Riverside County	Audit of AB2766 Revenue and Expense		\$6,000
Riverside County	Rule 2202 Multisite Cluster Registration		\$12,808
San Bernardino County	Rule 2202 Fees		\$5,713
Santa Clarita	Audit Expenditures		\$2,575
Signal Hill	I-710 Corridor EIR/EIS Report		\$1,000
West Covina	Annual Audit		\$1,580
		Subcategory Total:	\$142,109
		Category Total:	\$142,109
		Program Summary:	\$19,080,855

Percent of Project Expenditure by Project Category

Fiscal year 2020 - 2021

Project Category	Project Expenditure	Percent of Total Project Expenditure	Number of Projects
(1) Alternative Fuels/Electric Vehicles	\$6,021,944	32%	117
(6) Transportation Demand Management	\$4,945,032	26%	63
(5) Traffic Management	\$3,830,434	20%	42
(4) Public Transportation (Transit & Rail)	\$1,448,751	8%	16
(9) PM Reduction Strategies	\$987,222	5%	17
(3) Land Use	\$824,870	4%	8
(8) Bicycles	\$743,263	4%	12
(11) Miscellaneous Projects	\$142,109	1%	25
(10) Public Education	\$111,465	1%	12
(2) Vehicle Emissions Abatement	\$25,765	0%	1
Grand Total:	\$19,080,855	100%	313

Summary of Spending by Project SubCategory

Fiscal year 2020 - 2021

Category & Subcategory	Expenditure by Subcategory	Number of Projects
(1) Alternative Fuels/Electric Vehicles		
(1a) Alternative Fuel Vehicle Purchases/Leases	\$3,504,839	51
(1b) Alternative Fuel Vehicle Conversions	\$187,739	8
(1c) Alternative Fuel Infrastructure	\$406,587	6
(1d) Electric Vehicle Purchases/Leases	\$672,354	26
(1f) Electric Vehicle Infrastructure	\$1,169,411	25
(1h) Alternative Vehicles Research and Development	\$81,013	1
(2) Vehicle Emissions Abatement		
(2a) Off-Road Vehicle Cleaner Diesel Purchases, Repowers, Retrofits	\$25,765	1
(3) Land Use		
(3a) Plan Elements	\$736,174	6
(3c) Facilities (Pedestrian, Mixed Use, etc.)	\$78,697	1
(3d) Land Use Research	\$10,000	1
(4) Public Transportation (Transit & Rail)		
(4a) Public Transportation Facilities	\$1,254,565	3
(4c) Transit Operations	\$108,287	5
(4d) Passenger Fare Subsidies	\$85,898	8
(5) Traffic Management		
(5a) Traffic Calming	\$839,111	8
(5b) Traffic Flow or Signalization	\$2,892,924	27
(5c) Alternate Mode Signalization	\$60,964	2
(5d) Traffic Management Research and Development	\$37,435	5
(6) Transportation Demand Management		
(6a) Employer-Based Trip Reduction	\$3,805,586	46
(6b) Other Trip Reduction Incentive Programs	\$33,171	2
(6c) Vanpool Programs	\$440,477	4
(6d) Park and Ride Lots	\$173,025	1
(6e) Telecommunication	\$379,751	7
(6f) Transportation Management Agencies/Organizations	\$113,022	3
(8) Bicycles		
(8a) Bicycle Lanes, Trails, and Bridges	\$620,821	7
(8b) Other Bicycle Facilities	\$109,644	3
(8c) Bicycle Usage	\$8,017	1
(8d) Bicycle Research and Development	\$4,781	1
(9) PM Reduction Strategies		
(9a) Road Dust Control	\$987,222	17
(10) Public Education		
(10a) Short Term Public Education	\$88,165	10
(10b) Long Term Public Education	\$23,300	2
(11) Miscellaneous Projects		
(11a) Miscellaneous	\$142,109	25
Grand Total:	\$19,080,855	313

Project Funding Sources

Fiscal year 2020 - 2021

Local Government	Project Name	MV Fees	MSRC	Moyer	CMAQ	CoFunding
Agoura Hills	No Projects	\$0	\$0	\$0	\$0	\$0
Alhambra	Purchase of one (1) 2021 Honda Clarity	\$32,774	\$0	\$0	\$0	\$0
Alhambra	CNG Station Upgrade Phase II	\$5,695	\$0	\$0	\$0	\$0
Alhambra	Electric Vehicle Charging Stations installation	\$37,280	\$111,980	\$0	\$0	\$10,715
Aliso Viejo	Installations of four public access electric vehicle charging stations	\$36,069	\$46,561	\$0	\$0	\$0
Anaheim	Rideshare Outreach	\$8,300	\$0	\$0	\$0	\$971
Anaheim	EV Line	\$85,731	\$0	\$0	\$0	\$8,715
Anaheim	Metrolink and OCTA	\$55,849	\$0	\$0	\$0	\$8,455
Anaheim	Citywide Signal Coordination N807	\$92,012	\$0	\$0	\$0	\$10,759
Anaheim	Trip Reduction	\$59,969	\$0	\$0	\$0	\$7,023
Anaheim	Vanpool	\$86,078	\$0	\$0	\$0	\$14,486
Arcadia	Rideshare Plus Program	\$11,164	\$0	\$0	\$0	\$0
Artesia	No Projects	\$0	\$0	\$0	\$0	\$0
Azusa	Lease of Hybrid Pool Vehicle	\$4,026	\$0	\$0	\$0	\$0
Azusa	Transit Pass Subsidy	\$2,016	\$0	\$0	\$0	\$0
Azusa	Rideshare Financial Incentives	\$1,341	\$0	\$0	\$0	\$0
Baldwin Park	Fleet Leasing Program	\$78,105	\$0	\$0	\$0	\$0
Baldwin Park	Fleet Leasing Program	\$26,401	\$0	\$0	\$0	\$0
Baldwin Park	Fleet Leasing Program	\$25,586	\$0	\$0	\$0	\$0
Banning	WRCOG emission reduction outreach programs	\$3,000	\$0	\$0	\$0	\$0
Baumont	Purchase of 1 Hybrid Vehicle	\$31,797	\$0	\$0	\$0	\$0
Baumont	Purchase of 1 Hybrid Vehicle	\$28,839	\$0	\$0	\$0	\$0
Bell	No Projects	\$0	\$0	\$0	\$0	\$0
Bell Gardens	Employee Rideshare Subsidies	\$875	\$0	\$0	\$0	\$0
Bellflower	Two 2020 Ford Police Interceptor Hybrid Vehicles	\$81,718	\$0	\$0	\$0	\$0
Beverly Hills	Purchase 4 Portable Event Bike Racks	\$2,927	\$0	\$0	\$0	\$0
Big Bear Lake	No Projects	\$0	\$0	\$0	\$0	\$0
Brea	No Projects	\$0	\$0	\$0	\$0	\$0
Buena Park	Employee Rideshare Program Incentives	\$7,226	\$0	\$0	\$0	\$0

Local Government	Project Name	MV Fees	MSRC	Moyer	CMAQ	CoFunding
Burbank	Employee Rideshare Subsidies	\$77,127	\$0	\$0	\$0	\$0
Burbank	Employee Transit Subsidies	\$33,945	\$0	\$0	\$0	\$0
Calabasas	No Projects	\$0	\$0	\$0	\$0	\$0
Calimesa	Clean Cities Coalition	\$1,218	\$0	\$0	\$0	\$0
Canyon Lake	No Projects	\$0	\$0	\$0	\$0	\$0
Carson	Electric Vehicle Purchase	\$66,488	\$0	\$0	\$0	\$0
Carson	PW1451 and PW1452 BIKE LANES	\$34,928	\$0	\$0	\$0	\$269,380
Cathedral City	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$54,916	\$0	\$0	\$0	\$0
Cerritos	Installation of rectangular rapid flashing beacon systems	\$36,250	\$0	\$0	\$0	\$0
Cerritos	City Employee Rideshare Trip Rebate Program	\$10,269	\$0	\$0	\$0	\$0
Chino	Vehicle Emission	\$5,125	\$0	\$0	\$0	\$0
Chino Hills	CNG Dump Truck	\$145,294	\$0	\$0	\$0	\$49,624
Chino Hills	Purchase of CNG Brush Truck	\$85,856	\$0	\$0	\$0	\$104,968
Chino Hills	EV Charging Stations	\$22,575	\$0	\$0	\$0	\$0
Chino Hills	Message Board Trailer	\$3,070	\$0	\$0	\$0	\$11,929
Chino Hills	Message Board Trailer	\$3,070	\$0	\$0	\$0	\$11,929
Chino Hills	Initial work on signal synchronization	\$2,833	\$0	\$0	\$0	\$0
Chino Hills	Initial work on signal synchronization	\$2,833	\$0	\$0	\$0	\$0
Claremont	Employer-Based Trip Reduction	\$1,151	\$0	\$0	\$0	\$0
Coachella	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$46,211	\$0	\$0	\$0	\$0
Colton	No Projects	\$0	\$0	\$0	\$0	\$0
Commerce	Employer Based Trip Reduction	\$2,458	\$0	\$0	\$0	\$0
Compton	Employee Transit Pass Subsidy Program	\$6,089	\$0	\$0	\$0	\$0
Corona	Western Riverside Council of Governments Clean Cities Coalition	\$15,000	\$0	\$0	\$0	\$0
Corona	Corona Cruiser Fare Subsidy	\$2,369	\$0	\$0	\$0	\$0
Costa Mesa	City Hall EV Charging Stations	\$99,236	\$0	\$0	\$0	\$0
Costa Mesa	Bear Street Traffic Signal Synchronization Project	\$23,212	\$0	\$0	\$0	\$0
Covina	2020 Toyota Camry Hybrid LE	\$30,300	\$0	\$0	\$0	\$0
Covina	2020 Toyota Prius - Lease	\$7,170	\$0	\$0	\$0	\$0
Covina	2020 Nissan Leaf S Plus	\$10,000	\$0	\$0	\$0	\$28,346

Local Government	Project Name	MV Fees	MSRC	Moyer	CMAQ	CoFunding
Covina	2020 Nissan Leaf S Plus	\$38,346	\$0	\$0	\$0	\$0
Covina	Commuter Choice	\$385	\$0	\$0	\$0	\$0
Covina	Laptops Purchases	\$6,910	\$0	\$0	\$0	\$0
Cudahy	2018 Ford Fusion	\$6,176	\$0	\$0	\$0	\$0
Cudahy	2018 Toyota Highlander	\$8,900	\$0	\$0	\$0	\$0
Culver City	Level II Charging Station Installation	\$36,000	\$36,000	\$0	\$0	\$43,030
Cypress	Compressed Natural Gas Sewer Cleaning Truck	\$64,339	\$0	\$0	\$0	\$0
Dana Point	No Projects	\$0	\$0	\$0	\$0	\$0
Desert Hot Springs	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$29,047	\$0	\$0	\$0	\$0
Diamond Bar	Vehicle Counts	\$7,250	\$0	\$0	\$0	\$0
Diamond Bar	Laptops for Telecommuting	\$20,289	\$0	\$0	\$0	\$0
Downey	2021 Audit	\$1,910	\$0	\$0	\$0	\$0
Downey	Downey Employee "Thumbs Up" Commuting Program	\$118,743	\$0	\$0	\$0	\$0
Duarte	Alternative Fuel/Electric Vehicle Lease Program	\$3,788	\$0	\$0	\$0	\$0
Duarte	Hybrid Vehicle Lease	\$3,788	\$0	\$0	\$0	\$0
Eastvale	WRCOG FY20-21 Clean Cities Coalition	\$8,672	\$0	\$0	\$0	\$0
El Monte	Regional PM10 Street Sweeper Contract (2 Vehicles)	\$27,864	\$0	\$0	\$0	\$0
El Monte	Employee Transportation Coordinator (ETC) Training	\$190	\$0	\$0	\$0	\$0
El Monte	Monthly Rideshare Incentive	\$37,605	\$0	\$0	\$0	\$0
El Segundo	No Projects	\$0	\$0	\$0	\$0	\$0
Fontana	AFV Rebate Program	\$500	\$0	\$0	\$0	\$0
Fontana	AFV Rebate Program	\$500	\$0	\$0	\$0	\$0
Fontana	AFV Rebate Program	\$500	\$0	\$0	\$0	\$0
Fontana	Employee Rideshare Program	\$4,747	\$0	\$0	\$0	\$0
Fontana	Alder-Locust-Ramona SRTS	\$16,110	\$0	\$0	\$0	\$0
Fontana	Metrolink Station Access Improvements	\$194,173	\$0	\$0	\$0	\$0
Fountain Valley	No Projects	\$0	\$0	\$0	\$0	\$0
Fullerton	No Projects	\$0	\$0	\$0	\$0	\$0
Garden Grove	2019 TZEV Vehicle Purchase	\$2,000	\$0	\$0	\$0	\$0
Garden Grove	2021 TZEV Vehicle Purchase	\$2,000	\$0	\$0	\$0	\$0

Local Government	Project Name	MV Fees	MSRC	Moyer	CMAQ	CoFunding
Garden Grove	2020 Electric Vehicle Purchase (ZEV)	\$2,500	\$0	\$0	\$0	\$0
Garden Grove	2021 Electric Vehicle Purchase (ZEV)	\$5,000	\$0	\$0	\$0	\$0
Garden Grove	Transit Subsidy Metrolink & Bus	\$1,222	\$0	\$0	\$0	\$0
Garden Grove	Rideshare Redemption Program	\$44,252	\$0	\$0	\$0	\$0
Garden Grove	Rideshare - Vanpool Program	\$20,938	\$0	\$0	\$0	\$0
Garden Grove	Bicycle Corridor Improvement Project	\$4,781	\$0	\$0	\$0	\$0
Gardena	Lease (1) 2018 Toyota Avalon Hybrid XLE Premium	\$9,436	\$0	\$0	\$0	\$0
Gardena	Lease (1) 2019 Hyundai Ioniq Plug-In Hybrid Hatchback	\$6,453	\$0	\$0	\$0	\$0
Gardena	Lease (2) 2016 Ford Fusion Hybrid PZEV	\$13,565	\$0	\$0	\$0	\$0
Gardena	Purchase (1) 2020 Toyota Highlander Hybrid LE AWD	\$42,544	\$0	\$0	\$0	\$0
Gardena	Lease (1) 2020 Tesla Model 3 AWD	\$16,192	\$0	\$0	\$0	\$0
Gardena	2021 Gardena SCAQMD Rule 2202 Registration Fees	\$141	\$0	\$0	\$0	\$0
Gardena	Purchase of Information Technology for employees to work from home	\$40,982	\$0	\$0	\$0	\$0
Glendale	Rule 2202 Annual Plan Filing Fee for FY 2020	\$928	\$0	\$0	\$0	\$0
Glendale	Transit Fare Subsidy	\$9,303	\$0	\$0	\$0	\$0
Glendale	Employer Based Trip Reduction Program	\$60,404	\$0	\$0	\$0	\$0
Glendale	Transportation Management Agency Services (Go Glendale)	\$8,111	\$0	\$0	\$0	\$0
Glendora	Alternative Commute Program	\$8,157	\$0	\$0	\$0	\$0
Grand Terrace	Senior Transportation Program	\$5,000	\$0	\$0	\$0	\$18,860
Hawaiian Gardens	Regional Transportation Plan	\$1,913	\$0	\$0	\$0	\$0
Hawthorne	RM 10 Reduction Street Sweeping Project	\$100,840	\$0	\$0	\$0	\$0
Hemet	One New 2020 Nissan Leaf	\$5,378	\$30,000	\$0	\$0	\$0
Hemet	WRCOG Clean Cities Coalition	\$5,000	\$0	\$0	\$0	\$0
Hermosa Beach	Electric Vehicle Chargers	\$16,011	\$0	\$0	\$0	\$0
Hermosa Beach	Auto Trip Reduction	\$1,410	\$0	\$0	\$0	\$0
Hidden Hills	No Projects	\$0	\$0	\$0	\$0	\$0
Highland	Traffic Signal Synchronization	\$59,463	\$0	\$0	\$0	\$0
Huntington Beach	Traffic Counts	\$1,455	\$0	\$0	\$0	\$0
Huntington Beach	Employee Rideshare	\$8,362	\$0	\$0	\$0	\$0
Huntington Park	Hybrid Leased Vehicles	\$14,388	\$0	\$0	\$0	\$0

Local Government	Project Name	MV Fees	MSRC	Moyer	CMAQ	CoFunding
Indian Wells	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$5,291	\$0	\$0	\$0	\$0
Indio	MSRC Local Government Partnership for EV charging stations	\$64,900	\$15,000	\$0	\$0	\$0
Indio	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$88,876	\$0	\$0	\$0	\$0
Inglewood	No Projects	\$0	\$0	\$0	\$0	\$0
Irvine	conversion of vehicles	\$76,166	\$0	\$0	\$0	\$0
Irvine	Electric Vehicle Infrastructure	\$135,708	\$296,737	\$0	\$0	\$140,000
Irvine	Purchase Rule 2202 filing fee	\$609	\$0	\$0	\$0	\$0
Irvine	Irvine Traffic Research and Control Center Signal Timing	\$24,516	\$0	\$0	\$0	\$0
Irvine	Security Services Provided at Train Station	\$173,025	\$0	\$0	\$0	\$0
Irvine	Irvine Spectrum TMA	\$3,833	\$0	\$0	\$0	\$0
Irwindale	No Projects	\$0	\$0	\$0	\$0	\$0
Jurupa Valley	Purchase of three 2020 Ford Escape Hybrids	\$83,077	\$0	\$0	\$0	\$0
La Canada Flintridge	Ongoing Software Support & Network Plan	\$2,303	\$0	\$0	\$0	\$0
La Habra	No Projects	\$0	\$0	\$0	\$0	\$0
La Habra Heights	No Projects	\$0	\$0	\$0	\$0	\$0
La Mirada	Purchase Hybrid Ford Escape	\$33,085	\$0	\$0	\$0	\$0
La Mirada	Purchase electric utility cart for public works department	\$19,349	\$0	\$0	\$0	\$0
La Palma	No Projects	\$0	\$0	\$0	\$0	\$0
La Puente	Purchase (1) transit bus	\$103,762	\$0	\$0	\$0	\$0
La Puente	Purchase of Workman GTX Electric Vehicle (1)	\$12,667	\$0	\$0	\$0	\$0
La Quinta	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$39,820	\$0	\$0	\$0	\$0
La Verne	City of La Verne Walk, Bike, Carpool or Public Transit Program	\$4,440	\$0	\$0	\$0	\$0
Laguna Beach	City of Laguna Beach Senior Mobility Program	\$30,000	\$0	\$0	\$0	\$0
Laguna Hills	Laguna Hills Civic Center EV Charging Stations Project, CIP No. 505	\$5,610	\$0	\$0	\$0	\$0
Laguna Niguel	Hybrid Lease Vehicles	\$11,050	\$0	\$0	\$0	\$0
Laguna Niguel	Traffic Signal Coordination	\$259,308	\$0	\$0	\$0	\$0
Laguna Woods	City Hall Electric Vehicle Charging Infrastructure Project	\$290	\$0	\$0	\$0	\$0
Lake Elsinore	No Projects	\$0	\$0	\$0	\$0	\$0
Lake Forest	Prof Services - Traffic Engineering for Traffic Signal Monitoring	\$31,765	\$0	\$0	\$0	\$0
Lake Forest	Signal Maintenance Centracs Software	\$6,529	\$0	\$0	\$0	\$0

Local Government	Project Name	MV Fees	MSRC	Moyer	CMAQ	CoFunding
Lake Forest	El Toro Rd Traffic Signal Synchronization	\$203,696	\$0	\$0	\$0	\$0
Lake Forest	Los Alisos Blvd Traffic Signal Synchronization	\$750	\$0	\$0	\$0	\$0
Lakewood	Purchase (1) 2019 Ford Police Responder Hybrid Sedan	\$33,480	\$0	\$0	\$0	\$0
Lakewood	Purchase (1) 2020 Ford Fusion SE Hybrid Sedan	\$26,462	\$0	\$0	\$0	\$0
Lakewood	Purchase (2) 2020 Ford Police Responder Hybrid Sedans	\$64,562	\$0	\$0	\$0	\$0
Lakewood	Purchase (2) New EV Charging Units	\$15,242	\$0	\$0	\$0	\$0
Lakewood	91/605/405 COG Major Corridor Study	\$10,000	\$0	\$0	\$0	\$0
Lawndale	No Projects	\$0	\$0	\$0	\$0	\$0
Loma Linda	City Street Sweeping	\$38,566	\$0	\$0	\$0	\$0
Lomita	Lease of Electric Vehicle Nissan leaf	\$3,948	\$0	\$0	\$0	\$0
Lomita	Lease of one Electric Vehicle 2019 Volkswagen Golf	\$3,307	\$0	\$0	\$0	\$0
Lomita	Viewpoint	\$5,000	\$0	\$0	\$0	\$0
Lomita	Leasing alternative fuel street sweeper	\$15,000	\$0	\$0	\$0	\$0
Long Beach	Differential Cost for Purchase of CNG Vehicles	\$126,000	\$0	\$0	\$0	\$0
Long Beach	Gas to CNG Conversion	\$4,955	\$10,000	\$0	\$0	\$31,395
Long Beach	Gas to CNG Conversion	\$14,346	\$0	\$0	\$0	\$10,350
Long Beach	Gas to CNG Conversion	\$14,427	\$0	\$0	\$0	\$6,933
Long Beach	Gas to CNG Conversion	\$37,044	\$0	\$0	\$0	\$0
Long Beach	Gas to CNG Conversion	\$1,200	\$0	\$0	\$0	\$11,700
Long Beach	Gas to CNG Conversion	\$12,900	\$0	\$0	\$0	\$0
Long Beach	Gas to CNG Conversion: 2 F-350 Medium 2	\$26,701	\$0	\$0	\$0	\$12,308
Long Beach	E-Scooter Pilot Program	\$6,724	\$0	\$0	\$0	\$0
Long Beach	15th St Bike Blvd	\$9,443	\$0	\$0	\$0	\$246,781
Long Beach	Citywide 8 to 80 Connections	\$6,724	\$0	\$0	\$0	\$0
Long Beach	Delta Avenue Bike Boulevard	\$1,193	\$0	\$0	\$0	\$0
Long Beach	Pier J Bicycle Path	\$23,902	\$0	\$0	\$0	\$0
Long Beach	Willow Bike Path Gap Closure	\$11	\$0	\$0	\$0	\$4,243
Los Alamitos	No Projects	\$0	\$0	\$0	\$0	\$0
Los Angeles City	Purchase of 3 CNG Solid Waste Collection Vehicles	\$135,000	\$0	\$0	\$0	\$906,856
Los Angeles City	Purchase of 4 CNG Solid Waste Collection Vehicles	\$180,000	\$0	\$0	\$0	\$1,265,969

Local Government	Project Name	MV Fees	MSRC	Moyer	CMAQ	CoFunding
Los Angeles City	LADOT/St Lighting Installation of EV Chargers Citywide	\$125,177	\$0	\$0	\$0	\$0
Los Angeles City	Deployment of EV Charging Stations at Citywide location	\$213,326	\$0	\$0	\$0	\$0
Los Angeles City	Land Use–LADOT Complete Streets	\$571,576	\$0	\$0	\$0	\$0
Los Angeles City	Mobility Hubs	\$658,019	\$0	\$0	\$0	\$0
Los Angeles City	Traffic Calming Studies and Implementation	\$810,572	\$0	\$0	\$0	\$0
Los Angeles City	Burbank Boulevard	\$63,825	\$0	\$0	\$0	\$0
Los Angeles City	CA 1	\$65,610	\$0	\$0	\$0	\$0
Los Angeles City	Haskell Avenue	\$45,480	\$0	\$0	\$0	\$0
Los Angeles City	Hayvenhurst Avenue	\$59,382	\$0	\$0	\$0	\$0
Los Angeles City	Lassen Street	\$46,732	\$0	\$0	\$0	\$0
Los Angeles City	Mulholland Drive	\$138,805	\$0	\$0	\$0	\$0
Los Angeles City	Riverside Drive	\$63,414	\$0	\$0	\$0	\$0
Los Angeles City	Saticoy Street	\$56,669	\$0	\$0	\$0	\$0
Los Angeles City	Sepulveda Boulevard	\$74,290	\$0	\$0	\$0	\$0
Los Angeles City	Sherman Way	\$66,129	\$0	\$0	\$0	\$0
Los Angeles City	Topanga Canyon Boulevard	\$41,791	\$0	\$0	\$0	\$0
Los Angeles City	Transportation Initiatives Through Traffic Intelligence	\$728,178	\$0	\$0	\$0	\$0
Los Angeles City	Vermont Avenue	\$43,778	\$0	\$0	\$0	\$0
Los Angeles City	Employer Bike Incentive Program	\$5,300	\$0	\$0	\$0	\$0
Los Angeles City	Employer’s Carpool Incentive Program	\$151,761	\$0	\$0	\$0	\$0
Los Angeles City	Employer’s Transit Incentive Program	\$385,147	\$0	\$0	\$0	\$0
Los Angeles City	Employer’s Walk Incentive Program	\$5,700	\$0	\$0	\$0	\$0
Los Angeles City	Employer’s Vanpool Program	\$323,317	\$0	\$0	\$0	\$0
Los Angeles City	LADOT Trip Reduction Program Implementation	\$101,078	\$0	\$0	\$0	\$0
Los Angeles County	Countywide Rideshare Program	\$1,831,905	\$0	\$0	\$0	\$0
Lynwood	John Deere Gator TE	\$16,861	\$0	\$0	\$0	\$0
Malibu	Electric Vehicle Charging Stations	\$9,999	\$0	\$0	\$0	\$0
Manhattan Beach	No Projects	\$0	\$0	\$0	\$0	\$0
Maywood	No Projects	\$0	\$0	\$0	\$0	\$0
Menifee	No Projects	\$0	\$0	\$0	\$0	\$0

Local Government	Project Name	MV Fees	MSRC	Moyer	CMAQ	CoFunding
Mission Viejo	Alicia Parkway Traffic Signal Synchronization	\$135,494	\$0	\$0	\$0	\$0
Mission Viejo	El Toro Road Traffic Signal Synchronization	\$33,020	\$0	\$0	\$0	\$0
Monrovia	City of Monrovia EV Chargers	\$109,915	\$0	\$0	\$0	\$0
Montclair	No Projects	\$0	\$0	\$0	\$0	\$0
Montebello	Vehicle Purchase	\$325,342	\$0	\$0	\$0	\$0
Montebello	Two EV-Arc electric vehicle chargers	\$154,450	\$0	\$0	\$0	\$0
Montebello	Employee Rideshare Program	\$8,759	\$0	\$0	\$0	\$0
Monterey Park	Employee Rideshare Program	\$7,702	\$0	\$0	\$0	\$0
Moreno Valley	WRCOG Clean Cities Coalition	\$15,000	\$0	\$0	\$0	\$0
Moreno Valley	Traffic Signal Coordination Program	\$101,356	\$0	\$0	\$0	\$382,072
Moreno Valley	Street Sweeping Program	\$228,378	\$1,985	\$0	\$0	\$0
Murrieta	CIP 10036 Electric Vehicle Charging Stations	\$5,761	\$0	\$0	\$0	\$0
Newport Beach	City Yard Fueling Support Facilities	\$81,013	\$0	\$0	\$0	\$0
Norco	No Projects	\$0	\$0	\$0	\$0	\$0
Norwalk	AB 2766 Audit Expenses	\$2,870	\$0	\$0	\$0	\$0
Norwalk	Cleaner Street Sweeping Contract	\$87,564	\$0	\$0	\$0	\$812,436
Ontario	CNG Compressor Upgrade	\$67,457	\$0	\$0	\$0	\$0
Ontario	Rideshare	\$14,625	\$0	\$0	\$0	\$0
Orange City	Electric Vehicles	\$95,340	\$0	\$0	\$0	\$0
Orange City	Trip Reduction Program (TRP)	\$111,112	\$0	\$0	\$0	\$0
Orange City	Police Bike Team	\$8,017	\$0	\$0	\$0	\$0
Orange County	Replace 1990 Mitsubishi FG15 propane model to Electric 2020 Toyota FBCU25	\$45,478	\$0	\$0	\$0	\$0
Orange County	Replacement of propane by Electric Forklift for Sheriffs Office	\$83,361	\$0	\$0	\$0	\$0
Orange County	Ride Share	\$35,000	\$0	\$0	\$0	\$0
Palm Desert	SunLine Student Art Contest Sponsorship	\$5,500	\$0	\$0	\$0	\$0
Palm Desert	ChargePoint Network Service	\$3,638	\$0	\$0	\$0	\$0
Palm Desert	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$51,891	\$0	\$0	\$0	\$0
Palm Springs	Rideshare and Alternative Vehicle Incentives	\$5,618	\$0	\$0	\$0	\$0
Palm Springs	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$46,447	\$0	\$0	\$0	\$0
Palos Verdes Estates	No Projects	\$0	\$0	\$0	\$0	\$0

Local Government	Project Name	MV Fees	MSRC	Moyer	CMAQ	CoFunding
Paramount	Electricity for the the Electric Vehicles Charging Stations	\$8,744	\$0	\$0	\$0	\$0
Pasadena	Audit Costs	\$2,505	\$0	\$0	\$0	\$0
Pasadena	Rideshare program	\$32,068	\$0	\$0	\$0	\$0
Pasadena	Telecommuting	\$162,405	\$0	\$0	\$0	\$0
Perris	No Projects	\$0	\$0	\$0	\$0	\$0
Pico Rivera	Lease payments (4) Hybrid Vehicles (2019 Toyota Prius L Eco)	\$16,800	\$0	\$0	\$0	\$0
Pico Rivera	Development of Strategic Transportation Plans	\$8,275	\$0	\$0	\$0	\$0
Placentia	Placentia's Electric Vehicle Fleet Project: 10 Chevy Sparks	\$11,444	\$0	\$0	\$0	\$0
Placentia	Chapman-Malvern Regional Traffic Signal Synchronization	\$40,610	\$0	\$0	\$0	\$0
Pomona	Audit Services	\$1,930	\$0	\$0	\$0	\$0
Pomona	Compliance Rule 2202	\$1,007	\$0	\$0	\$0	\$0
Pomona	Purchase of Emission Credits	\$5,175	\$0	\$0	\$0	\$0
Pomona	Traffic Operations Communication Upgrade	\$23,064	\$0	\$0	\$0	\$0
Pomona	Telecommute Laptops	\$3,000	\$0	\$0	\$0	\$0
Rancho Cucamonga	Purchase of (3) 2020 Chevrolet Bolt	\$73,671	\$30,000	\$0	\$0	\$0
Rancho Cucamonga	Rideshare Program	\$8,469	\$0	\$0	\$0	\$0
Rancho Cucamonga	Day Creek Channel Bike Trail	\$4,037	\$0	\$0	\$0	\$7,498
Rancho Cucamonga	Southwest Cucamonga Class I Bicycle Trail Project	\$347,660	\$305,576	\$0	\$0	\$0
Rancho Mirage	Regional PM10 Street Sweeping Program using 2 sweepers	\$18,719	\$0	\$0	\$0	\$0
Rancho Palos Verdes	Citywide Street Sweeping	\$54,000	\$0	\$0	\$0	\$181,820
Rancho Santa Margarita	Traffic Calming at Avenida De Los Fundadores	\$1,328	\$0	\$0	\$0	\$0
Rancho Santa Margarita	Los Alisos/Melinda Road Signal Equipment Upgrade	\$5,849	\$0	\$0	\$0	\$48,151
Redlands	Downtown Redlands Rail Station	\$372,658	\$0	\$0	\$0	\$0
Redondo Beach	Electric Vehicle Charging Stations	\$91,662	\$89,400	\$0	\$0	\$70,000
Redondo Beach	Employee Rideshare	\$41,004	\$0	\$0	\$0	\$0
Rialto	Employee Rideshare Program	\$31,453	\$0	\$0	\$0	\$0
Rialto	Etiwanda Corridor Bikeway and Access Improvements	\$72,259	\$0	\$0	\$0	\$0
Rialto	Facilities for Bikeshare and Pedestrian Access	\$34,458	\$12,741	\$0	\$0	\$0
Riverside City	Alternative Fuel Vehicle Rebate Program	\$2,500	\$0	\$0	\$0	\$0
Riverside City	Clean Cities Coalition	\$25,000	\$0	\$0	\$0	\$0

Local Government	Project Name	MV Fees	MSRC	Moyer	CMAQ	CoFunding
Riverside City	AQMD Rule 2202 Compliance	\$9,538	\$0	\$0	\$0	\$0
Riverside City	Computronix	\$11,850	\$0	\$0	\$0	\$0
Riverside City	Riverside Go Transit Bus Pass Subsidy Program	\$14,675	\$0	\$0	\$0	\$0
Riverside City	City Employee Pass Program	\$12,272	\$0	\$0	\$0	\$0
Riverside City	Employee Rideshare	\$1,475	\$0	\$0	\$0	\$0
Riverside County	WRCOG Clean Cities Coalition Program	\$25,000	\$0	\$0	\$0	\$0
Riverside County	Audit of AB2766 Revenue and Expense	\$6,000	\$0	\$0	\$0	\$0
Riverside County	Rule 2202 Multisite Cluster Registration	\$12,808	\$0	\$0	\$0	\$0
Riverside County	Commuter Service Rideshare Program	\$165,418	\$0	\$0	\$0	\$0
Riverside County	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$51,656	\$0	\$0	\$0	\$0
Rolling Hills Estates	No Projects	\$0	\$0	\$0	\$0	\$0
Rosemead	Lease Vehicle Unit #511	\$5,617	\$0	\$0	\$0	\$0
Rosemead	Vehicle Lease #504	\$9,932	\$0	\$0	\$0	\$0
Rosemead	Electric Utility Cart Purchase	\$29,987	\$0	\$0	\$0	\$0
San Bernardino City	Purchase of New 2020 Caterpillar Model 926M Wheel Loader	\$197,743	\$0	\$0	\$0	\$0
San Bernardino City	Purchase of New 2020 Vactor 2110i Jet Rodder	\$479,890	\$0	\$0	\$0	\$0
San Bernardino City	Rideshare Program	\$8,169	\$0	\$0	\$0	\$0
San Bernardino County	Rule 2202 Fees	\$5,713	\$0	\$0	\$0	\$0
San Bernardino County	ECRP	\$265,617	\$0	\$0	\$0	\$0
San Bernardino County	SCAQMD Vanpool Program	\$10,144	\$0	\$0	\$0	\$0
San Bernardino County	Telework Program	\$110,241	\$0	\$0	\$0	\$0
San Clemente	San Clemente Trolley Operation	\$9,352	\$0	\$0	\$0	\$0
San Clemente	Traffic Calming Program	\$3,712	\$0	\$0	\$0	\$0
San Dimas	Charging Station	\$13,464	\$0	\$0	\$0	\$0
San Fernando	No Projects	\$0	\$0	\$0	\$0	\$0
San Gabriel	No Projects	\$0	\$0	\$0	\$0	\$0
San Jacinto	WRCOG Clean Cities Coalition	\$6,000	\$0	\$0	\$0	\$0
San Juan Capistrano	Trolley Program	\$7,586	\$0	\$0	\$0	\$76,916
San Juan Capistrano	Senior Nutritional Transportation Program	\$1,103	\$0	\$0	\$0	\$4,575
San Marino	No Projects	\$0	\$0	\$0	\$0	\$0

Local Government	Project Name	MV Fees	MSRC	Moyer	CMAQ	CoFunding
Santa Ana	EV Charging Station	\$49,433	\$0	\$0	\$0	\$0
Santa Ana	EV Charging Station	\$49,433	\$0	\$0	\$0	\$0
Santa Ana	Comprehensive General Plan/Land-Use	\$140,802	\$0	\$0	\$0	\$0
Santa Ana	General Plan Circulation Element	\$2,273	\$0	\$0	\$0	\$0
Santa Ana	Blue Skies Rideshare	\$43,587	\$0	\$0	\$0	\$0
Santa Clarita	EV Charging Station (R0022)	\$6,682	\$0	\$0	\$0	\$0
Santa Clarita	SCV Sheriff Station (F3023)	\$146,377	\$0	\$0	\$0	\$0
Santa Clarita	Bike to work Advertising	\$5,716	\$0	\$0	\$0	\$0
Santa Clarita	Audit Expenditures	\$2,575	\$0	\$0	\$0	\$0
Santa Clarita	Vista Canyon Regional Transit Center (T3021)	\$223,889	\$0	\$0	\$0	\$4,115,485
Santa Clarita	ITS PH VI (C0054)	\$25,189	\$0	\$0	\$0	\$1,077,615
Santa Clarita	ITS Ph VII (C0052)	\$394,367	\$0	\$0	\$0	\$1,507,571
Santa Clarita	Traffic Signal & Fiber Optic (C4016)	\$24,714	\$0	\$0	\$0	\$24,691
Santa Clarita	Monthly Passes	\$480	\$0	\$0	\$0	\$0
Santa Clarita	Rideshare Program	\$998	\$0	\$0	\$0	\$0
Santa Fe Springs	No Projects	\$0	\$0	\$0	\$0	\$0
Santa Monica	No Projects	\$0	\$0	\$0	\$0	\$0
Seal Beach	Senior Transportation Nutrition Shuttle	\$619	\$0	\$0	\$0	\$0
Sierra Madre	No Projects	\$0	\$0	\$0	\$0	\$0
Signal Hill	Electric Vehicle Charging Station Software Support	\$4,453	\$0	\$0	\$0	\$0
Signal Hill	I-710 Corridor EIR/EIS Report	\$1,000	\$0	\$0	\$0	\$9,000
South El Monte	Fuel Efficient Vehicle Program	\$15,579	\$0	\$0	\$0	\$0
South Gate	Purchase 1 Electric Golf car	\$11,778	\$0	\$0	\$0	\$0
South Gate	Purchase 1 Electric Golf car	\$11,778	\$0	\$0	\$0	\$0
South Gate	ELECTRIC VEHICLE CHARGING STATION	\$5,438	\$0	\$0	\$0	\$0
South Gate	GATORS TE UTILITY VEHICLE	\$25,765	\$0	\$0	\$0	\$0
South Pasadena	Teleworking	\$35,924	\$0	\$0	\$0	\$0
Stanton	The purchase of three Toyota RAV 4 HV	\$109,368	\$0	\$0	\$0	\$0
Temecula	No Projects	\$0	\$0	\$0	\$0	\$0
Temple City	Lease of City Fleet Hybrid Vehicles	\$31,213	\$0	\$0	\$0	\$0

Local Government	Project Name	MV Fees	MSRC	Moyer	CMAQ	CoFunding
Temple City	Lease of City Fleet Plug-in Hybrid Vehicles	\$41,617	\$0	\$0	\$0	\$0
Torrance	CNG Dump Truck	\$75,000	\$100,000	\$0	\$0	\$102,861
Torrance	Employee Rideshare	\$151,443	\$0	\$0	\$0	\$0
Tustin	Street sweeper purchase	\$393,210	\$0	\$0	\$0	\$0
Tustin	Purchase two EV Sedans	\$89,904	\$0	\$0	\$0	\$0
Tustin	EV Charging Infrastructure with Chargers	\$33,308	\$0	\$0	\$0	\$0
Upland	Vehicle Purchase	\$125,722	\$0	\$0	\$0	\$0
Upland	Rideshare Program	\$9,034	\$0	\$0	\$0	\$0
Villa Park	No Projects	\$0	\$0	\$0	\$0	\$0
Walnut	Bus Pass Subsidies	\$80	\$0	\$0	\$0	\$0
Walnut	Street Sweeping with CNG Sweeper	\$30,000	\$0	\$0	\$0	\$0
West Covina	Annual Audit	\$1,580	\$0	\$0	\$0	\$0
West Hollywood	Alternative Transportation Mode Incentive Program	\$119	\$0	\$0	\$0	\$0
Westlake Village	Lease of One Alternative Fuel Vehicle	\$5,102	\$0	\$0	\$0	\$0
Westminster	Plug-in Hybrid Electric Vehicle Lease	\$20,596	\$0	\$0	\$0	\$0
Whittier	Gateway Cities COG Strategic Transportation Plan	\$11,334	\$0	\$0	\$0	\$0
Whittier	Employee Based Trip Reduction	\$3,685	\$0	\$0	\$0	\$0
Wildomar	Clean Cities Coalition	\$3,059	\$0	\$0	\$0	\$2,941
Yorba Linda	2 new Toyota Hybrids	\$58,103	\$0	\$0	\$0	\$0
Yorba Linda	EV Stations	\$4,000	\$0	\$0	\$0	\$0
Yucaipa	New Sidewalk on Avenue E, 13th to Dunlap Channel	\$78,697	\$0	\$0	\$0	\$0
Totals:		\$19,080,855	\$1,085,979	\$0	\$0	\$11,659,355

Range of Cost-Effectiveness by Subcategory

Fiscal year 2020 - 2021

Subcategory	Lowest (ROG + NOx + PM)	Highest	Lowest (ROG + NOx + PM + CO/7)	Highest
(1a) Alternative Fuel Vehicle Purchases/Leases	\$6.90	\$159,654.60	\$284.91	\$80,448.33
(1b) Alternative Fuel Vehicle Conversions	\$1.67	\$1,044.91	\$141.00	\$8,926.35
(1d) Electric Vehicle Purchases/Leases	\$2.91	\$28,368.79	\$58.64	\$16,677.94
(2a) Off-Road Vehicle Cleaner Diesel Purchases, Repowers, and Retrofits	\$180.94	\$180.94	\$5,625.79	\$5,625.79
(3c) Facilities (Pedestrian, Mixed Use, etc.)	\$386.09	\$386.09	\$5,289.62	\$5,289.62
(4c) Transit Operations	\$39.82	\$7,250.74	\$637.52	\$88,302.74
(4d) Passenger Fare Subsidies	\$35.29	\$531.86	\$82.40	\$57,523.07
(5b) Traffic Flow or Signalization	\$0.99	\$118.90	\$163.66	\$267,108.45
(6a) Employer-Based Trip Reduction	\$2.52	\$8,317.98	\$122.59	\$1,886,706.72
(6b) Other Trip Reduction Incentive Programs	\$34.06	\$1,344.62	\$1,136.42	\$33,026.02
(6c) Vanpool Programs	\$149.49	\$1,034.05	\$10,448.63	\$333,015.67
(6e) Telecommunication	\$17.72	\$401.83	\$807.11	\$35,456.87
(8a) Bicycle Lanes, Trails, and Bridges	\$0.10	\$33,252.96	\$0.73	\$76,578.61
(8c) Bicycle Usage	\$22,448.56	\$22,448.56	\$8,257.23	\$8,257.23
(9a) Road Dust Control	\$5.09	\$632.14	\$5,450.05	\$237,266.43

Cost-effectiveness is based on MVFees + MSRC + Moyer funding.

Average Cost-Effectiveness by Project

Fiscal year 2020 - 2021

Local Government	Project Name	MV Fees	Amortized Air Funds	Emission Reductions (ROG+NOx+PM+CO/7) (lbs./yr)	Cost Effectiveness (\$/lbs.)
(1) Alternative Fuels/Electric Vehicles					
(1a) Alternative Fuel Vehicle Purchases/Leases					
Alhambra	Purchase of one (1) 2021 Honda Clarity	\$32,774	\$4,669	1.41	\$3,319.37
Azusa	Lease of Hybrid Pool Vehicle	\$4,026	\$4,147	0.73	\$5,669.62
Baldwin Park	Fleet Leasing Program	\$78,105	\$80,448	16.88	\$4,766.32
Baldwin Park	Fleet Leasing Program	\$26,401	\$27,193	11.71	\$2,323.08
Baldwin Park	Fleet Leasing Program	\$25,586	\$26,353	3.38	\$7,806.70
Beaumont	Purchase of 1 Hybrid Vehicle	\$31,797	\$3,728	0.70	\$5,300.33
Beaumont	Purchase of 1 Hybrid Vehicle	\$28,839	\$3,381	0.70	\$4,807.26
Bellflower	Two 2020 Ford Police Interceptor Hybrid Vehicles	\$81,718	\$11,641	0.85	\$13,675.56
Chino Hills	CNG Dump Truck	\$145,294	\$14,597	27.39	\$532.85
Chino Hills	Purchase of CNG Brush Truck	\$85,856	\$8,625	11.74	\$734.69
Covina	2020 Toyota Camry Hybrid LE	\$30,300	\$4,316	4.22	\$1,022.94
Covina	2020 Toyota Prius - Lease	\$7,170	\$7,382	0.14	\$52,503.86
Cudahy	2018 Ford Fusion	\$6,176	\$6,362	0.42	\$15,075.82
Cudahy	2018 Toyota Highlander	\$8,900	\$9,169	0.56	\$16,293.98
Cypress	Compressed Natural Gas Sewer Cleaning Truck	\$64,339	\$7,542	85.29	\$88.43
Duarte	Alternative Fuel/Electric Vehicle Lease Program	\$3,788	\$3,901	0.91	\$4,267.48
Duarte	Hybrid Vehicle Lease	\$3,788	\$3,901	1.48	\$2,639.50
El Monte	Regional PM10 Street Sweeper Contract (2 Vehicles)	\$27,864	\$28,703	4,190.19	\$6.85
Garden Grove	2019 TZEV Vehicle Purchase	\$2,000	\$285	0.27	\$1,038.78
Garden Grove	2021 TZEV Vehicle Purchase	\$2,000	\$285	2.58	\$110.39
Gardena	Lease (1) 2018 Toyota Avalon Hybrid XLE Premium	\$9,436	\$9,720	0.97	\$10,014.51
Gardena	Lease (1) 2019 Hyundai Ioniq Plug-In Hybrid Hatchback	\$6,453	\$6,647	0.42	\$15,750.40
Gardena	Lease (2) 2016 Ford Fusion Hybrid PZEV	\$13,565	\$13,970	0.35	\$39,733.43
Gardena	Purchase (1) 2020 Toyota Highlander Hybrid LE AWD	\$42,544	\$6,058	0.28	\$21,544.41
Huntington Park	Hybrid Leased Vehicles	\$14,388	\$2,050	5.79	\$354.30
Jurupa Valley	Purchase of three 2020 Ford Escape Hybrids	\$83,077	\$11,835	1.28	\$9,228.09

Local Government	Project Name	MV Fees	Amortized Air Funds	Emission Reductions (ROG+NOx+PM+CO/7) (lbs./yr)	Cost Effectiveness (\$/lbs.)
La Mirada	Purchase Hybrid Ford Escape	\$33,085	\$4,713	0.35	\$13,403.42
La Puente	Purchase (1) transit bus	\$103,762	\$12,163	225.16	\$54.02
Laguna Beach	City of Laguna Beach Senior Mobility Program	\$30,000	\$4,274	1.02	\$4,201.95
Laguna Niguel	Hybrid Lease Vehicles	\$11,050	\$11,381	0.54	\$21,017.17
Lakewood	Purchase (1) 2019 Ford Police Responder Hybrid Sedan	\$33,480	\$4,770	1.41	\$3,390.84
Lakewood	Purchase (1) 2020 Ford Fusion SE Hybrid Sedan	\$26,462	\$3,770	1.41	\$2,680.10
Lakewood	Purchase (2) 2020 Ford Police Responder Hybrid Sedans	\$64,562	\$9,197	2.81	\$3,269.47
Long Beach	Differential Cost for Purchase of CNG Vehicles	\$126,000	\$14,770	934.22	\$15.81
Los Angeles City	Purchase of 3 CNG Solid Waste Collection Vehicles	\$135,000	\$15,827	1,909.15	\$8.29
Los Angeles City	Purchase of 4 CNG Solid Waste Collection Vehicles	\$180,000	\$21,103	649.32	\$32.50
Montebello	Vehicle Purchase	\$325,342	\$38,140	14.07	\$2,711.61
Pico Rivera	Lease payments (4) Hybrid Vehicles (2019 Toyota Prius L Eco)	\$16,800	\$17,305	0.77	\$22,483.26
Rosemead	Lease Vehicle Unit #511	\$5,617	\$5,784	0.14	\$41,136.22
Rosemead	Vehicle Lease #504	\$9,932	\$10,232	0.37	\$27,445.32
San Bernardino City	Purchase of New 2020 Caterpillar Model 926M Wheel Loader	\$197,743	\$13,292	419.82	\$31.66
San Bernardino City	Purchase of New 2020 Vactor 2110i Jet Rodder	\$479,890	\$56,258	29.83	\$1,886.18
Stanton	The purchase of three Toyota RAV 4 HV	\$109,368	\$15,580	4.22	\$3,692.29
Temple City	Lease of City Fleet Hybrid Vehicles	\$31,213	\$32,148	0.84	\$38,094.56
Temple City	Lease of City Fleet Plug-in Hybrid Vehicles	\$41,617	\$42,864	1.13	\$38,094.56
Torrance	CNG Dump Truck	\$75,000	\$20,515	85.15	\$240.92
Tustin	Street sweeper purchase	\$393,210	\$46,095	530.37	\$86.91
Upland	Vehicle Purchase	\$125,722	\$17,910	8.44	\$2,122.21
Westlake Village	Lease of One Alternative Fuel Vehicle	\$5,102	\$5,255	2.83	\$1,858.95
Westminster	Plug-in Hybrid Electric Vehicle Lease	\$20,596	\$21,214	2.81	\$7,541.13
Yorba Linda	2 new Toyota Hybrids	\$58,103	\$8,277	4.64	\$1,783.25
	Subcategory Total:	\$3,504,839	\$759,744	9,201.47	\$82.57
(1b) Alternative Fuel Vehicle Conversions					
Irvine	conversion of vehicles	\$76,166	\$8,926	965.01	\$9.25
Long Beach	Gas to CNG Conversion	\$4,955	\$1,753	7.73	\$226.94

Local Government	Project Name	MV Fees	Amortized Air Funds	Emission Reductions (ROG+NOx+PM+CO/7) (lbs./yr)	Cost Effectiveness (\$/lbs.)
Long Beach	Gas to CNG Conversion	\$14,346	\$1,681	291.41	\$5.77
Long Beach	Gas to CNG Conversion	\$14,427	\$1,691	6.59	\$256.65
Long Beach	Gas to CNG Conversion	\$37,044	\$4,343	6.14	\$707.84
Long Beach	Gas to CNG Conversion	\$1,200	\$141	85.97	\$1.64
Long Beach	Gas to CNG Conversion	\$12,900	\$1,512	49.75	\$30.40
Long Beach	Gas to CNG Conversion: 2 F-350 Medium 2	\$26,701	\$3,130	7.09	\$441.66
	Subcategory Total:	\$187,739	\$23,179	1,419.68	\$16.33
(1d) Electric Vehicle Purchases/Leases					
Carson	Electric Vehicle Purchase	\$66,488	\$7,794	10.20	\$764.13
Covina	2020 Nissan Leaf S Plus	\$10,000	\$1,172	0.93	\$1,264.20
Covina	2020 Nissan Leaf S Plus	\$38,346	\$4,495	0.93	\$4,847.65
Fontana	AFV Rebate Program	\$500	\$177	11.13	\$15.89
Fontana	AFV Rebate Program	\$500	\$59	11.13	\$5.27
Fontana	AFV Rebate Program	\$500	\$59	11.13	\$5.27
Garden Grove	2020 Electric Vehicle Purchase (ZEV)	\$2,500	\$293	3.62	\$81.04
Garden Grove	2021 Electric Vehicle Purchase (ZEV)	\$5,000	\$586	21.19	\$27.66
Gardena	Lease (1) 2020 Tesla Model 3 AWD	\$16,192	\$16,678	4.64	\$3,597.02
Hemet	One New 2020 Nissan Leaf	\$5,378	\$4,147	7.88	\$526.17
La Mirada	Purchase electric utility cart for public works department	\$19,349	\$2,267	0.28	\$8,153.50
La Puente	Purchase of Workman GTX Electric Vehicle (1)	\$12,667	\$1,485	65.95	\$22.51
Lomita	Lease of Electric Vehicle Nissan leaf	\$3,948	\$4,066	2.23	\$1,827.12
Lomita	Lease of one Electric Vehicle 2019 Volkswagen Golf	\$3,307	\$3,406	2.23	\$1,530.51
Lynwood	John Deere Gator TE	\$16,861	\$1,974	678.19	\$2.91
Orange City	Electric Vehicles	\$95,340	\$11,177	11.13	\$1,004.40
Orange County	1990 Mitsubishi FG15 propane to Electric 2020 Toyota FBCU25	\$45,478	\$5,330	498.60	\$10.69
Orange County	Replacement of propane by Electric Forklift for Sheriff's Office	\$83,361	\$9,771	310.09	\$31.51
Placentia	Placentia's Electric Vehicle Fleet Project: 10 Chevy Sparks	\$11,444	\$1,342	35.24	\$38.07
Rancho Cucamonga	Purchase of (3) 2020 Chevrolet Bolt	\$73,671	\$12,153	9.27	\$1,310.60
Riverside City	Alternative Fuel Vehicle Rebate Program	\$2,500	\$293	62.93	\$4.66

Local Government	Project Name	MV Fees	Amortized Air Funds	Emission Reductions (ROG+NOx+PM+CO/7) (lbs./yr)	Cost Effectiveness (\$/lbs.)
Rosemead	Electric Utility Cart Purchase	\$29,987	\$3,516	1.36	\$2,578.88
South El Monte	Fuel Efficient Vehicle Program	\$15,579	\$1,827	0.46	\$3,938.98
South Gate	Purchase 1 Electric Golf car	\$11,778	\$2,572	72.36	\$35.54
South Gate	Purchase 1 Electric Golf car	\$11,778	\$2,572	72.36	\$35.54
Tustin	Purchase two EV Sedans	\$89,904	\$10,540	5.75	\$1,833.17
	Subcategory Total:	\$672,354	\$109,750	1,911.20	\$57.42
	Category Total:	\$4,364,933	\$892,672	12,532.35	\$71.23
(2) Vehicle Emissions Abatement					
(2a) Off-Road Vehicle Cleaner Diesel Purchases, Repowers, and Retrofits					
South Gate	GATORS TE UTILITY VEHICLE	\$25,765	\$5,626	31.09	\$180.94
	Subcategory Total:	\$25,765	\$5,626	31.09	\$180.94
	Category Total:	\$25,765	\$5,626	31.09	\$180.94
(3) Land Use					
(3c) Facilities (Pedestrian, Mixed Use, etc.)					
Yucaipa	New Sidewalk on Avenue E, 13th to Dunlap Channel	\$78,697	\$5,290	22.36	\$236.60
	Subcategory Total:	\$78,697	\$5,290	22.36	\$236.60
	Category Total:	\$78,697	\$5,290	22.36	\$236.60
(4) Public Transportation (Transit & Rail)					
(4c) Transit Operations					
Anaheim	EV Line	\$85,731	\$88,303	48.83	\$1,808.53
Grand Terrace	Senior Transportation Program	\$5,000	\$5,150	0.92	\$5,570.77
San Clemente	San Clemente Trolley Operation	\$9,352	\$9,632	25.59	\$376.35
San Juan Capistrano	Trolley Program	\$7,586	\$7,813	5.39	\$1,449.74
Seal Beach	Senior Transportation Nutrition Shuttle	\$619	\$638	24.48	\$26.04
	Subcategory Total:	\$108,287	\$111,536	105.22	\$1,060.07
(4d) Passenger Fare Subsidies					
Anaheim	Metrolink and OCTA	\$55,849	\$57,523	314.73	\$182.77
Azusa	Transit Pass Subsidy	\$2,016	\$2,076	6.73	\$308.77
Corona	Corona Cruiser Fare Subsidy	\$2,369	\$2,440	42.08	\$57.99

Local Government	Project Name	MV Fees	Amortized Air Funds	Emission Reductions (ROG+NOx+PM+CO/7) (lbs./yr)	Cost Effectiveness (\$/lbs.)
Covina	Commuter Choice	\$385	\$397	1.95	\$203.35
Garden Grove	Transit Subsidy Metrolink & Bus	\$1,222	\$1,258	13.65	\$92.19
Glendale	Transit Fare Subsidy	\$9,303	\$9,582	149.29	\$64.18
Riverside City	Riverside Go Transit Bus Pass Subsidy Program	\$14,675	\$15,112	717.58	\$21.06
Walnut	Bus Pass Subsidies	\$80	\$82	1.43	\$57.56
	Subcategory Total:	\$85,898	\$88,471	1,247.44	\$70.92
	Category Total:	\$194,185	\$200,007	1,352.66	\$147.86

(5) Traffic Management

(5b) Traffic Flow or Signalization

Anaheim	Citywide Signal Coordination N807	\$92,012	\$20,083	2,910.64	\$6.90
Costa Mesa	Bear Street Traffic Signal Synchronization Project	\$23,212	\$5,074	1,626.17	\$3.12
Highland	Traffic Signal Synchronization	\$59,463	\$12,991	1,466.22	\$8.86
Irvine	Irvine Traffic Research and Control Center Signal Timing	\$24,516	\$5,357	1,212.10	\$4.42
Laguna Niguel	Traffic Signal Coordination	\$259,308	\$267,108	4,708.42	\$56.73
Lake Forest	El Toro Rd Traffic Signal Synchronization	\$203,696	\$44,467	2,194.82	\$20.26
Lake Forest	Los Alisos Blvd Traffic Signal Synchronization	\$750	\$164	224.20	\$0.73
Los Angeles City	Burbank Boulevard	\$63,825	\$13,940	3,280.07	\$4.25
Los Angeles City	CA 1	\$65,610	\$14,307	4,785.04	\$2.99
Los Angeles City	Haskell Avenue	\$45,480	\$9,931	119.32	\$83.23
Los Angeles City	Hayvenhurst Avenue	\$59,382	\$12,966	589.37	\$22.00
Los Angeles City	Lassen Street	\$46,732	\$10,202	1,689.05	\$6.04
Los Angeles City	Mulholland Drive	\$138,805	\$30,306	897.42	\$33.77
Los Angeles City	Riverside Drive	\$63,414	\$13,847	607.84	\$22.78
Los Angeles City	Saticoy Street	\$56,669	\$12,379	2,210.48	\$5.60
Los Angeles City	Sepulveda Boulevard	\$74,290	\$16,196	7,011.07	\$2.31
Los Angeles City	Sherman Way	\$66,129	\$14,446	3,946.93	\$3.66
Los Angeles City	Topanga Canyon Boulevard	\$41,791	\$9,117	3,122.21	\$2.92
Los Angeles City	Transportation Initiatives Through Traffic Intelligence	\$728,178	\$158,997	31,237.12	\$5.09
Los Angeles City	Vermont Avenue	\$43,778	\$9,563	1,607.16	\$5.95

Local Government	Project Name	MV Fees	Amortized Air Funds	Emission Reductions (ROG+NOx+PM+CO/7) (lbs./yr)	Cost Effectiveness (\$/lbs.)
Mission Viejo	Alicia Parkway Traffic Signal Synchronization	\$135,494	\$29,589	7,606.48	\$3.89
Mission Viejo	El Toro Road Traffic Signal Synchronization	\$33,020	\$7,209	532.41	\$13.54
Moreno Valley	Traffic Signal Coordination Program	\$101,356	\$22,136	1,138.69	\$19.44
Placentia	Chapman-Malvern Regional Traffic Signal Synchronization	\$40,610	\$8,861	1,893.36	\$4.68
Rancho Santa Margarita	Los Alisos/Melinda Road Signal Equipment Upgrade	\$5,849	\$1,279	387.57	\$3.30
Santa Clarita	ITS PH VI (C0054)	\$25,189	\$5,497	2,668.31	\$2.06
Santa Clarita	ITS Ph VII (C0052)	\$394,367	\$86,119	2,146.54	\$40.12
	Subcategory Total:	\$2,892,924	\$842,130	91,819.00	\$9.17
	Category Total:	\$2,892,924	\$842,130	91,819.00	\$9.17

(6) Transportation Demand Management

(6a) Employer-Based Trip Reduction

Anaheim	Trip Reduction	\$59,969	\$61,766	1,300.06	\$47.51
Arcadia	Rideshare Plus Program	\$11,164	\$11,498	26.00	\$442.22
Azusa	Rideshare Financial Incentives	\$1,341	\$1,381	44.85	\$30.80
Bell Gardens	Employee Rideshare Subsidies	\$875	\$901	10.40	\$86.65
Buena Park	Employee Rideshare Program Incentives	\$7,226	\$7,442	107.26	\$69.39
Burbank	Employee Rideshare Subsidies	\$77,127	\$79,440	225.12	\$352.88
Burbank	Employee Transit Subsidies	\$33,945	\$34,964	47.56	\$735.16
Cerritos	City Employee Rideshare Trip Rebate Program	\$10,269	\$10,577	76.05	\$139.07
Claremont	Employer-Based Trip Reduction	\$1,151	\$1,185	2.50	\$474.87
Commerce	Employer Based Trip Reduction	\$2,458	\$2,531	37.05	\$68.32
Compton	Employee Transit Pass Subsidy Program	\$6,089	\$6,271	26.15	\$239.83
Downey	Downey Employee "Thumbs Up" Commuting Program	\$118,743	\$122,307	425.12	\$287.70
El Monte	Monthly Rideshare Incentive	\$37,605	\$38,733	90.35	\$428.68
Fontana	Employee Rideshare Program	\$4,747	\$4,890	23.90	\$204.56
Garden Grove	Rideshare Redemption Program	\$44,252	\$45,580	49.40	\$922.62
Glendale	Employer Based Trip Reduction Program	\$60,404	\$62,237	4,955.19	\$12.56
Glendora	Alternative Commute Program	\$8,157	\$8,401	24.70	\$340.12
Hermosa Beach	Auto Trip Reduction	\$1,410	\$1,452	18.20	\$79.79

Local Government	Project Name	MV Fees	Amortized Air Funds	Emission Reductions (ROG+NOx+PM+CO/7) (lbs./yr)	Cost Effectiveness (\$/lbs.)
Huntington Beach	Employee Rideshare	\$8,362	\$8,613	29.90	\$288.04
La Verne	City of La Verne Walk, Bike, Carpool or Public Transit Program	\$4,440	\$4,573	25.35	\$180.39
Los Angeles City	Employer Bike Incentive Program	\$5,300	\$5,459	32.89	\$165.98
Los Angeles City	Employer's Carpool Incentive Program	\$151,761	\$156,317	836.59	\$186.85
Los Angeles City	Employer's Transit Incentive Program	\$385,147	\$396,699	1,082.72	\$366.39
Los Angeles City	Employer's Walk Incentive Program	\$5,700	\$5,871	23.57	\$249.08
Los Angeles County	Countywide Rideshare Program	\$1,831,905	\$1,886,707	60,900.80	\$30.98
Montebello	Employee Rideshare Program	\$8,759	\$9,022	97.50	\$92.53
Monterey Park	Employee Rideshare Program	\$7,702	\$7,933	65.00	\$122.04
Ontario	Rideshare	\$14,625	\$15,064	345.82	\$43.56
Orange City	Trip Reduction Program (TRP)	\$111,112	\$114,446	72.15	\$1,586.14
Orange County	Ride Share	\$35,000	\$35,969	24,636.19	\$1.46
Palm Springs	Rideshare and Alternative Vehicle Incentives	\$5,618	\$5,787	10.05	\$576.06
Rancho Cucamonga	Rideshare Program	\$8,469	\$8,723	22.75	\$383.41
Redondo Beach	Employee Rideshare	\$41,004	\$42,230	869.66	\$48.56
Rialto	Employee Rideshare Program	\$31,453	\$32,396	256.11	\$126.49
Riverside City	City Employee Pass Program	\$12,272	\$12,641	27.28	\$463.42
Riverside City	Employee Rideshare	\$1,475	\$1,519	48.73	\$31.17
Riverside County	Commuter Service Rideshare Program	\$165,418	\$170,424	31,099.30	\$5.48
San Bernardino City	Rideshare Program	\$8,169	\$8,415	302.26	\$27.84
San Bernardino County	ECRP	\$265,617	\$273,600	14,869.57	\$18.40
Santa Ana	Blue Skies Rideshare	\$43,587	\$44,895	9.28	\$4,836.51
Santa Clarita	Monthly Passes	\$480	\$494	35.75	\$13.83
Santa Clarita	Rideshare Program	\$998	\$1,028	80.60	\$12.75
Torrance	Employee Rideshare	\$151,443	\$155,987	1,692.75	\$92.15
Upland	Rideshare Program	\$9,034	\$9,305	43.55	\$213.65
West Hollywood	Alternative Transportation Mode IncentiveProgram	\$119	\$123	0.70	\$175.25
Whittier	Employee Based Trip Reduction	\$3,685	\$3,795	125.46	\$30.25
	Subcategory Total:	\$3,805,586	\$3,919,591	145,132.18	\$27.01

Local Government	Project Name	MV Fees	Amortized Air Funds	Emission Reductions (ROG+NOx+PM+CO/7) (lbs./yr)	Cost Effectiveness (\$/lbs.)
(6b) Other Trip Reduction Incentive Programs					
Pasadena	Rideshare program	\$32,068	\$33,026	1,667.98	\$19.80
San Juan Capistrano	Senior Nutritional Transportation Program	\$1,103	\$1,136	1.46	\$776.35
Subcategory Total:		\$33,171	\$34,162	1,669.44	\$20.46
(6c) Vanpool Programs					
Anaheim	Vanpool	\$86,078	\$88,661	101.59	\$872.69
Garden Grove	Rideshare - Vanpool Program	\$20,938	\$21,566	229.99	\$93.77
Los Angeles City	Employer's Vanpool Program	\$323,317	\$333,016	294.66	\$1,130.17
San Bernardino County	SCAQMD Vanpool Program	\$10,144	\$10,449	79.72	\$131.07
Subcategory Total:		\$440,477	\$453,691	705.96	\$642.66
(6e) Telecommunication					
Covina	Laptops Purchases	\$6,910	\$1,509	38.24	\$39.45
Diamond Bar	Laptops for Telecommuting	\$20,289	\$4,430	23.22	\$190.77
Gardena	Purchase of Information Technology for employees to work from home	\$40,982	\$8,948	213.09	\$41.99
Pasadena	Telecommuting	\$162,405	\$35,457	3,449.11	\$10.28
Pomona	Telecommute Laptops	\$3,000	\$807	3.47	\$232.37
San Bernardino County	Telework Program	\$110,241	\$24,072	431.40	\$55.80
South Pasadena	Teleworking	\$35,924	\$7,845	443.95	\$17.67
Subcategory Total:		\$379,751	\$83,067	4,602.48	\$18.05
Category Total:		\$4,658,985	\$4,490,511	152,110.07	\$29.52
(8) Bicycles					
(8a) Bicycle Lanes, Trails, and Bridges					
Carson	PW1451 and PW1452 BIKE LANES	\$34,928	\$2,348	167.11	\$14.05
Fontana	Alder-Locust-Ramona SRTS	\$16,110	\$1,083	43.00	\$25.18
Fontana	Metrolink Station Access Improvements	\$194,173	\$16,265	75.75	\$214.72
Long Beach	Pier J Bicycle Path	\$23,902	\$2,004	0.10	\$20,880.16
Long Beach	Willow Bike Path Gap Closure	\$11	\$1	12.21	\$0.06
Rancho Cucamonga	Day Creek Channel Bike Trail	\$4,037	\$474	100.54	\$4.71
Rancho Cucamonga	Southwest Cucamonga Class I Bicycle Trail Project	\$347,660	\$76,579	132.01	\$580.09

Local Government	Project Name	MV Fees	Amortized Air Funds	Emission Reductions (ROG+NOx+PM+CO/7) (lbs./yr)	Cost Effectiveness (\$/lbs.)
	Subcategory Total:	\$620,821	\$98,754	530.72	\$186.07
(8c) Bicycle Usage					
Orange City	Police Bike Team	\$8,017	\$8,257	1.03	\$8,027.64
	Subcategory Total:	\$8,017	\$8,257	1.03	\$8,027.64
	Category Total:	\$628,838	\$107,011	531.75	\$201.24
(9) PM Reduction Strategies					
(9a) Road Dust Control					
Cathedral City	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$54,916	\$56,564	418.62	\$135.12
Coachella	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$46,211	\$47,596	367.45	\$129.53
Desert Hot Springs	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$29,047	\$29,919	230.38	\$129.87
Hawthorne	RM 10 Reduction Street Sweeping Project	\$100,840	\$11,827	2,360.74	\$5.01
Indian Wells	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$5,291	\$5,450	41.38	\$131.72
Indio	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$88,876	\$91,544	706.85	\$129.51
La Quinta	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$39,820	\$41,015	318.83	\$128.64
Loma Linda	City Street Sweeping	\$38,566	\$39,723	62.86	\$631.90
Lomita	Leasing alternative fuel street sweeper	\$15,000	\$15,451	805.17	\$19.19
Moreno Valley	Street Sweeping Program	\$228,378	\$237,266	1,869.42	\$126.92
Norwalk	Cleaner Street Sweeping Contract	\$87,564	\$90,193	5,101.40	\$17.68
Palm Desert	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$51,891	\$53,447	415.48	\$128.64
Palm Springs	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$46,447	\$47,840	370.74	\$129.04
Rancho Mirage	Regional PM10 Street Sweeping Program using 2 sweepers	\$18,719	\$19,281	147.79	\$130.46
Rancho Palos Verdes	Citywide Street Sweeping	\$54,000	\$55,627	1,752.59	\$31.74
Riverside County	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$51,656	\$53,204	411.73	\$129.22
Walnut	Street Sweeping with CNG Sweeper	\$30,000	\$30,897	929.52	\$33.24
	Subcategory Total:	\$987,222	\$926,845	16,310.95	\$56.82
	Category Total:	\$987,222	\$926,845	16,310.95	\$56.82
(11) Miscellaneous Projects					
(11a) Miscellaneous					
Chino	Vehicle Emission	\$5,125	\$5,279	395.40	\$13.35

Local Government	Project Name	MV Fees	Amortized Air Funds	Emission Reductions (ROG+NOx+PM+CO/7) (lbs./yr)	Cost Effectiveness (\$/lbs.)
Pomona	Purchase of Emission Credits	\$5,175	\$5,333	907.00	\$5.88
Riverside City	AQMD Rule 2202 Compliance	\$9,538	\$9,814	1,272.74	\$4.29
	Subcategory Total:	\$19,837	\$20,426	2,575.14	\$7.93
	Category Total:	\$19,837	\$20,426	2,575.14	\$7.93
	Program Summary:	\$13,851,386	\$7,490,517	277,285.36	\$27.01

Average Cost-Effectiveness of Funding by Project

Fiscal year 2020 - 2021

Local Government	Project Name	Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5		Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5 + CO/7	
		Air Funds	ALL Funds	Air Funds	ALL Funds
(I) Alternative Fuels/Electric Vehicles					
(1a) Alternative Fuel Vehicle Purchases/Leases					
Alhambra	Purchase of one (1) 2021 Honda Clarity	\$10,094	\$10,094	\$3,319	\$3,319
Azusa	Lease of Hybrid Pool Vehicle	\$17,240	\$17,240	\$5,670	\$5,670
Baldwin Park	Fleet Leasing Program	\$14,494	\$14,494	\$4,766	\$4,766
Baldwin Park	Fleet Leasing Program	\$3,429	\$3,429	\$2,323	\$2,323
Baldwin Park	Fleet Leasing Program	\$23,739	\$23,739	\$7,807	\$7,807
Beaumont	Purchase of 1 Hybrid Vehicle	\$16,117	\$16,117	\$5,300	\$5,300
Beaumont	Purchase of 1 Hybrid Vehicle	\$14,618	\$14,618	\$4,807	\$4,807
Bellflower	Two 2020 Ford Police Interceptor Hybrid Vehicles	\$41,585	\$41,585	\$13,676	\$13,676
Chino Hills	CNG Dump Truck	\$554	\$744	\$533	\$715
Chino Hills	Purchase of CNG Brush Truck	\$764	\$1,699	\$735	\$1,633
Covina	2020 Toyota Camry Hybrid LE	\$3,111	\$3,111	\$1,023	\$1,023
Covina	2020 Toyota Prius - Lease	\$159,655	\$159,655	\$52,504	\$52,504
Cudahy	2018 Ford Fusion	\$45,843	\$45,843	\$15,076	\$15,076
Cudahy	2018 Toyota Highlander	\$49,547	\$49,547	\$16,294	\$16,294
Cypress	Compressed Natural Gas Sewer Cleaning Truck	\$91	\$91	\$88	\$88
Duarte	Alternative Fuel/Electric Vehicle Lease Program	\$12,977	\$12,977	\$4,267	\$4,267
Duarte	Hybrid Vehicle Lease	\$8,026	\$8,026	\$2,640	\$2,640
El Monte	Regional PM10 Street Sweeper Contract (2 Vehicles)	\$7	\$7	\$7	\$7
Garden Grove	2019 TZEV Vehicle Purchase	\$3,159	\$3,159	\$1,039	\$1,039
Garden Grove	2021 TZEV Vehicle Purchase	\$336	\$336	\$110	\$110
Gardena	Lease (1) 2018 Toyota Avalon Hybrid XLE Premium	\$30,452	\$30,452	\$10,015	\$10,015
Gardena	Lease (1) 2019 Hyundai Ioniq Plug-In Hybrid Hatchback	\$47,894	\$47,894	\$15,750	\$15,750
Gardena	Lease (2) 2016 Ford Fusion Hybrid PZEV	\$120,822	\$120,822	\$39,733	\$39,733
Gardena	Purchase (1) 2020 Toyota Highlander Hybrid LE AWD	\$65,513	\$65,513	\$21,544	\$21,544
Huntington Park	Hybrid Leased Vehicles	\$1,077	\$1,077	\$354	\$354

Local Government	Project Name	Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5		Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5 + CO/7	
		Air Funds	ALL Funds	Air Funds	ALL Funds
Jurupa Valley	Purchase of three 2020 Ford Escape Hybrids	\$28,061	\$28,061	\$9,228	\$9,228
La Mirada	Purchase Hybrid Ford Escape	\$40,757	\$40,757	\$13,403	\$13,403
La Puente	Purchase (1) transit bus	\$55	\$55	\$54	\$54
Laguna Beach	City of Laguna Beach Senior Mobility Program	\$12,777	\$12,777	\$4,202	\$4,202
Laguna Niguel	Hybrid Lease Vehicles	\$63,909	\$63,909	\$21,017	\$21,017
Lakewood	Purchase (1) 2019 Ford Police Responder Hybrid Sedan	\$10,311	\$10,311	\$3,391	\$3,391
Lakewood	Purchase (1) 2020 Ford Fusion SE Hybrid Sedan	\$8,150	\$8,150	\$2,680	\$2,680
Lakewood	Purchase (2) 2020 Ford Police Responder Hybrid Sedans	\$9,942	\$9,942	\$3,269	\$3,269
Long Beach	Differential Cost for Purchase of CNG Vehicles	\$16	\$16	\$16	\$16
Los Angeles City	Purchase of 3 CNG Solid Waste Collection Vehicles	\$8	\$65	\$8	\$64
Los Angeles City	Purchase of 4 CNG Solid Waste Collection Vehicles	\$33	\$264	\$33	\$261
Montebello	Vehicle Purchase	\$8,246	\$8,246	\$2,712	\$2,712
Pico Rivera	Lease payments (4) Hybrid Vehicles (2019 Toyota Prius L Eco)	\$68,367	\$68,367	\$22,483	\$22,483
Rosemead	Lease Vehicle Unit #511	\$125,088	\$125,088	\$41,136	\$41,136
Rosemead	Vehicle Lease #504	\$83,456	\$83,456	\$27,445	\$27,445
San Bernardino City	Purchase of New 2020 Caterpillar Model 926M Wheel Loader	\$32	\$32	\$32	\$32
San Bernardino City	Purchase of New 2020 Vactor 2110i Jet Rodder	\$1,906	\$1,906	\$1,886	\$1,886
Stanton	The purchase of three Toyota RAV 4 HV	\$11,228	\$11,228	\$3,692	\$3,692
Temple City	Lease of City Fleet Hybrid Vehicles	\$115,839	\$115,839	\$38,095	\$38,095
Temple City	Lease of City Fleet Plug-in Hybrid Vehicles	\$115,839	\$115,839	\$38,095	\$38,095
Torrance	CNG Dump Truck	\$245	\$389	\$241	\$383
Tustin	Street sweeper purchase	\$88	\$88	\$87	\$87
Upland	Vehicle Purchase	\$6,453	\$6,453	\$2,122	\$2,122
Westlake Village	Lease of One Alternative Fuel Vehicle	\$5,653	\$5,653	\$1,859	\$1,859
Westminster	Plug-in Hybrid Electric Vehicle Lease	\$22,931	\$22,931	\$7,541	\$7,541
Yorba Linda	2 new Toyota Hybrids	\$5,423	\$5,423	\$1,783	\$1,783
(1b) Alternative Fuel Vehicle Conversions					
Irvine	conversion of vehicles	\$10	\$10	\$9	\$9

Local Government	Project Name	Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5		Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5 + CO/7	
		Air Funds	ALL Funds	Air Funds	ALL Funds
Long Beach	Gas to CNG Conversion	\$330	\$1,022	\$227	\$703
Long Beach	Gas to CNG Conversion	\$6	\$10	\$6	\$10
Long Beach	Gas to CNG Conversion	\$373	\$552	\$257	\$380
Long Beach	Gas to CNG Conversion	\$1,045	\$1,045	\$708	\$708
Long Beach	Gas to CNG Conversion	\$2	\$18	\$2	\$18
Long Beach	Gas to CNG Conversion	\$31	\$31	\$30	\$30
Long Beach	Gas to CNG Conversion: 2 F-350 Medium 2	\$642	\$937	\$442	\$645
(1d) Electric Vehicle Purchases/Leases					
Carson	Electric Vehicle Purchase	\$2,659	\$2,659	\$764	\$764
Covina	2020 Nissan Leaf S Plus	\$4,399	\$16,867	\$1,264	\$4,848
Covina	2020 Nissan Leaf S Plus	\$16,867	\$16,867	\$4,848	\$4,848
Fontana	AFV Rebate Program	\$55	\$55	\$16	\$16
Fontana	AFV Rebate Program	\$18	\$18	\$5	\$5
Fontana	AFV Rebate Program	\$18	\$18	\$5	\$5
Garden Grove	2020 Electric Vehicle Purchase (ZEV)	\$282	\$282	\$81	\$81
Garden Grove	2021 Electric Vehicle Purchase (ZEV)	\$96	\$96	\$28	\$28
Gardena	Lease (1) 2020 Tesla Model 3 AWD	\$12,515	\$12,515	\$3,597	\$3,597
Hemet	One New 2020 Nissan Leaf	\$1,831	\$1,831	\$526	\$526
La Mirada	Purchase electric utility cart for public works department	\$28,369	\$28,369	\$8,154	\$8,154
La Puente	Purchase of Workman GTX Electric Vehicle (1)	\$23	\$23	\$23	\$23
Lomita	Lease of Electric Vehicle Nissan leaf	\$6,357	\$6,357	\$1,827	\$1,827
Lomita	Lease of one Electric Vehicle 2019 Volkswagen Golf	\$5,325	\$5,325	\$1,531	\$1,531
Lynwood	John Deere Gator TE	\$3	\$3	\$3	\$3
Orange City	Electric Vehicles	\$3,495	\$3,495	\$1,004	\$1,004
Orange County	Electric 2020 Toyota FBCU25	\$11	\$11	\$11	\$11
Orange County	Replacement of propane by Electric Forklift for Sheriffs Office	\$32	\$32	\$32	\$32
Placentia	Placentia's Electric Vehicle Fleet Project: 10 Chevy Sparks	\$132	\$132	\$38	\$38
Rancho Cucamonga	Purchase of (3) 2020 Chevrolet Bolt	\$4,560	\$4,560	\$1,311	\$1,311

Local Government	Project Name	Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5		Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5 + CO/7	
		Air Funds	All Funds	Air Funds	All Funds
Riverside City	Alternative Fuel Vehicle Rebate Program	\$16	\$16	\$5	\$5
Rosemead	Electric Utility Cart Purchase	\$8,973	\$8,973	\$2,579	\$2,579
South El Monte	Fuel Efficient Vehicle Program	\$13,705	\$13,705	\$3,939	\$3,939
South Gate	Purchase 1 Electric Golf car	\$36	\$36	\$36	\$36
South Gate	Purchase 1 Electric Golf car	\$36	\$36	\$36	\$36
Tustin	Purchase two EV Sedans	\$6,378	\$6,378	\$1,833	\$1,833
(2) Vehicle Emissions Abatement					
(2a) Off-Road Vehicle Cleaner Diesel Purchases, Repowers, and Retrofits					
South Gate	GATORS TE UTILITY VEHICLE	\$181	\$181	\$181	\$181
(3) Land Use					
(3c) Facilities (Pedestrian, Mixed Use, etc.)					
Yucaipa	New Sidewalk on Avenue E, 13th to Dunlap Channel	\$386	\$386	\$237	\$237
(4) Public Transportation (Transit & Rail)					
(4c) Transit Operations					
Anaheim	EV Line	\$7,251	\$7,988	\$1,809	\$1,992
Grand Terrace	Senior Transportation Program	\$4,313	\$20,581	\$5,571	\$26,584
San Clemente	San Clemente Trolley Operation	\$477	\$477	\$376	\$376
San Juan Capistrano	Trolley Program	\$1,682	\$18,734	\$1,450	\$16,150
Seal Beach	Senior Transportation Nutrition Shuttle	\$40	\$40	\$26	\$26
(4d) Passenger Fare Subsidies					
Anaheim	Metrolink and OCTA	\$315	\$362	\$183	\$210
Azusa	Transit Pass Subsidy	\$532	\$532	\$309	\$309
Corona	Corona Cruiser Fare Subsidy	\$94	\$94	\$58	\$58
Covina	Commuter Choice	\$350	\$350	\$203	\$203
Garden Grove	Transit Subsidy Metrolink & Bus	\$159	\$159	\$92	\$92
Glendale	Transit Fare Subsidy	\$111	\$111	\$64	\$64
Riverside City	Riverside Go Transit Bus Pass Subsidy Program	\$35	\$35	\$21	\$21
Walnut	Bus Pass Subsidies	\$96	\$96	\$58	\$58

Local Government	Project Name	Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5		Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5 + CO/7	
		Air Funds	All Funds	Air Funds	All Funds
(5) Traffic Management					
(5b) Traffic Flow or Signalization					
Anaheim	Citywide Signal Coordination N807	\$9	\$10	\$7	\$8
Costa Mesa	Bear Street Traffic Signal Synchronization Project	\$4	\$4	\$3	\$3
Highland	Traffic Signal Synchronization	\$12	\$12	\$9	\$9
Irvine	Irvine Traffic Research and Control Center Signal Timing	\$6	\$6	\$4	\$4
Laguna Niguel	Traffic Signal Coordination	\$73	\$73	\$57	\$57
Lake Forest	El Toro Rd Traffic Signal Synchronization	\$27	\$27	\$20	\$20
Lake Forest	Los Alisos Blvd Traffic Signal Synchronization	\$1	\$1	\$1	\$1
Los Angeles City	Burbank Boulevard	\$5	\$5	\$4	\$4
Los Angeles City	CA 1	\$4	\$4	\$3	\$3
Los Angeles City	Haskell Avenue	\$119	\$119	\$83	\$83
Los Angeles City	Hayvenhurst Avenue	\$30	\$30	\$22	\$22
Los Angeles City	Lassen Street	\$8	\$8	\$6	\$6
Los Angeles City	Mulholland Drive	\$40	\$40	\$34	\$34
Los Angeles City	Riverside Drive	\$26	\$26	\$23	\$23
Los Angeles City	Saticoy Street	\$7	\$7	\$6	\$6
Los Angeles City	Sepulveda Boulevard	\$3	\$3	\$2	\$2
Los Angeles City	Sherman Way	\$4	\$4	\$4	\$4
Los Angeles City	Topanga Canyon Boulevard	\$4	\$4	\$3	\$3
Los Angeles City	Transportation Initiatives Through Traffic Intelligence	\$6	\$6	\$5	\$5
Los Angeles City	Vermont Avenue	\$8	\$8	\$6	\$6
Mission Viejo	Alicia Parkway Traffic Signal Synchronization	\$5	\$5	\$4	\$4
Mission Viejo	El Toro Road Traffic Signal Synchronization	\$17	\$17	\$14	\$14
Moreno Valley	Traffic Signal Coordination Program	\$28	\$132	\$19	\$93
Placentia	Chapman-Malvern Regional Traffic Signal Synchronization	\$6	\$6	\$5	\$5
Rancho Santa Margarita	Los Alisos/Melinda Road Signal Equipment Upgrade	\$4	\$35	\$3	\$30
Santa Clarita	ITS PH VI (C0054)	\$3	\$112	\$2	\$90

Local Government	Project Name	Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5		Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5 + CO/7	
		Air Funds	All Funds	Air Funds	All Funds
Santa Clarita	ITS Ph VII (C0052)	\$50	\$243	\$40	\$193
(6) Transportation Demand Management					
(6a) Employer-Based Trip Reduction					
Anaheim	Trip Reduction	\$82	\$91	\$48	\$53
Arcadia	Rideshare Plus Program	\$761	\$761	\$442	\$442
Azusa	Rideshare Financial Incentives	\$53	\$53	\$31	\$31
Bell Gardens	Employee Rideshare Subsidies	\$149	\$149	\$87	\$87
Buena Park	Employee Rideshare Program Incentives	\$119	\$119	\$69	\$69
Burbank	Employee Rideshare Subsidies	\$607	\$607	\$353	\$353
Burbank	Employee Transit Subsidies	\$1,266	\$1,266	\$735	\$735
Cerritos	City Employee Rideshare Trip Rebate Program	\$239	\$239	\$139	\$139
Claremont	Employer-Based Trip Reduction	\$817	\$817	\$475	\$475
Commerce	Employer Based Trip Reduction	\$117	\$117	\$68	\$68
Compton	Employee Transit Pass Subsidy Program	\$412	\$412	\$240	\$240
Downey	Downey Employee "Thumbs Up" Commuting Program	\$495	\$495	\$288	\$288
El Monte	Monthly Rideshare Incentive	\$737	\$737	\$429	\$429
Fontana	Employee Rideshare Program	\$352	\$352	\$205	\$205
Garden Grove	Rideshare Redemption Program	\$1,587	\$1,587	\$923	\$923
Glendale	Employer Based Trip Reduction Program	\$22	\$22	\$13	\$13
Glendora	Alternative Commute Program	\$585	\$585	\$340	\$340
Hermosa Beach	Auto Trip Reduction	\$137	\$137	\$80	\$80
Huntington Beach	Employee Rideshare	\$495	\$495	\$288	\$288
La Verne	City of La Verne Walk, Bike, Carpool or Public Transit Program	\$310	\$310	\$180	\$180
Los Angeles City	Employer Bike Incentive Program	\$288	\$288	\$166	\$166
Los Angeles City	Employer's Carpool Incentive Program	\$321	\$321	\$187	\$187
Los Angeles City	Employer's Transit Incentive Program	\$631	\$631	\$366	\$366
Los Angeles City	Employer's Walk Incentive Program	\$441	\$441	\$249	\$249
Los Angeles County	Countywide Rideshare Program	\$53	\$53	\$31	\$31

Local Government	Project Name	Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5		Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5 + CO/7	
		Air Funds	All Funds	Air Funds	All Funds
Montebello	Employee Rideshare Program	\$159	\$159	\$93	\$93
Monterey Park	Employee Rideshare Program	\$210	\$210	\$122	\$122
Ontario	Rideshare	\$75	\$75	\$44	\$44
Orange City	Trip Reduction Program (TRP)	\$2,728	\$2,728	\$1,586	\$1,586
Orange County	Ride Share	\$3	\$3	\$1	\$1
Palm Springs	Rideshare and Alternative Vehicle Incentives	\$997	\$997	\$576	\$576
Rancho Cucamonga	Rideshare Program	\$659	\$659	\$383	\$383
Redondo Beach	Employee Rideshare	\$83	\$83	\$49	\$49
Rialto	Employee Rideshare Program	\$218	\$218	\$126	\$126
Riverside City	City Employee Pass Program	\$798	\$798	\$463	\$463
Riverside City	Employee Rideshare	\$54	\$54	\$31	\$31
Riverside County	Commuter Service Rideshare Program	\$9	\$9	\$5	\$5
San Bernardino City	Rideshare Program	\$48	\$48	\$28	\$28
San Bernardino County	ECRP	\$32	\$32	\$18	\$18
Santa Ana	Blue Skies Rideshare	\$8,318	\$8,318	\$4,837	\$4,837
Santa Clarita	Monthly Passes	\$24	\$24	\$14	\$14
Santa Clarita	Rideshare Program	\$22	\$22	\$13	\$13
Torrance	Employee Rideshare	\$158	\$158	\$92	\$92
Upland	Rideshare Program	\$367	\$367	\$214	\$214
West Hollywood	Alternative Transportation Mode Incentive Program	\$302	\$302	\$175	\$175
Whittier	Employee Based Trip Reduction	\$52	\$52	\$30	\$30
(6b) Other Trip Reduction Incentive Programs					
Pasadena	Rideshare program	\$34	\$34	\$20	\$20
San Juan Capistrano	Senior Nutritional Transportation Program	\$1,345	\$6,920	\$776	\$3,995
(6c) Vanpool Programs					
Anaheim	Vanpool	\$1,034	\$1,207	\$873	\$1,020
Garden Grove	Rideshare - Vanpool Program	\$149	\$149	\$94	\$94
Los Angeles City	Employer's Vanpool Program	\$1,034	\$1,034	\$1,130	\$1,130

Local Government	Project Name	Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5		Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5 + CO/7	
		Air Funds	All Funds	Air Funds	All Funds
San Bernardino County	SCAQMD Vanpool Program	\$195	\$195	\$131	\$131
(6e) Telecommunication					
Covina	Laptops Purchases	\$68	\$68	\$39	\$39
Diamond Bar	Laptops for Telecommuting	\$329	\$329	\$191	\$191
Gardena	Purchase of Information Technology)for employees to work from home	\$72	\$72	\$42	\$42
Pasadena	Telecommuting	\$18	\$18	\$10	\$10
Pomona	Telecommute Laptops	\$402	\$402	\$232	\$232
San Bernardino County	Telework Program	\$96	\$96	\$56	\$56
South Pasadena	Teleworking	\$30	\$30	\$18	\$18
(8) Bicycles					
(8a) Bicycle Lanes, Trails, and Bridges					
Carson	PW1451 and PW1452 BIKE LANES	\$23	\$201	\$14	\$122
Fontana	Alder-Locust-Ramona SRTS	\$41	\$41	\$25	\$25
Fontana	Metrolink Station Access Improvements	\$347	\$347	\$215	\$215
Long Beach	Pier J Bicycle Path	\$33,253	\$33,253	\$20,880	\$20,880
Long Beach	Willow Bike Path Gap Closure	\$0	\$38	\$0	\$23
Rancho Cucamonga	Day Creek Channel Bike Trail	\$8	\$21	\$5	\$13
Rancho Cucamonga	Southwest Cucamonga Class I Bicycle Trail Project	\$927	\$927	\$580	\$580
(8c) Bicycle Usage					
Orange City	Police Bike Team	\$22,449	\$22,449	\$8,028	\$8,028
(9) PM Reduction Strategies					
(9a) Road Dust Control					
Cathedral City	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$135	\$135	\$135	\$135
Coachella	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$130	\$130	\$130	\$130
Desert Hot Springs	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$130	\$130	\$130	\$130
Hawthorne	RM 10 Reduction Street Sweeping Project	\$5	\$5	\$5	\$5
Indian Wells	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$132	\$132	\$132	\$132
Indio	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$130	\$130	\$130	\$130

Local Government	Project Name	Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5		Cost-Effectiveness (\$/lb) Based on ROG + NOx + PM2.5 + CO/7	
		Air Funds	All Funds	Air Funds	All Funds
La Quinta	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$129	\$129	\$129	\$129
Loma Linda	City Street Sweeping	\$632	\$632	\$632	\$632
Lomita	Leasing alternative fuel street sweeper	\$20	\$20	\$19	\$19
Moreno Valley	Street Sweeping Program	\$128	\$128	\$127	\$127
Norwalk	Cleaner Street Sweeping Contract	\$18	\$185	\$18	\$182
Palm Desert	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$129	\$129	\$129	\$129
Palm Springs	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$129	\$129	\$129	\$129
Rancho Mirage	Regional PM10 Street Sweeping Program using 2 sweepers	\$131	\$131	\$130	\$130
Rancho Palos Verdes	Citywide Street Sweeping	\$32	\$139	\$32	\$139
Riverside County	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$129	\$129	\$129	\$129
Walnut	Street Sweeping with CNG Sweeper	\$34	\$34	\$33	\$33
(11) Miscellaneous Projects					
(11a) Miscellaneous					
Chino	Vehicle Emission	\$24	\$24	\$13	\$13
Pomona	Purchase of Emission Credits	\$11	\$11	\$6	\$6
Riverside City	AQMD Rule 2202 Compliance	\$8	\$8	\$4	\$4

Summary of Projects that Reported Cost-Effectiveness

Fiscal Year –2020 - 2021

Motor Vehicle Fees	\$13,851,386
Air Funds (MVFees+MSRC+Moyer)	\$14,483,207
Amortized Air Funds	\$7,490,517
Emission Reductions (lbs per year) (ROG + NOx + PM2.5 + CO/7)	277,285
Average Cost-Effectiveness (dollars per lb)	\$27.01

This report includes only projects with cost-effectiveness greater than zero.
Cost-effectiveness is equals amortized Air Funds (MVFees + MSRC + Moyer dollars) divided by
ROG + NOx + PM2.5 + CO/7.