

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

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**Annual Report on AB 2766 Funds from Motor Vehicle Registration Fees for  
FY 2018 – 19**

**October 16, 2020**

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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 2018-19, 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 \$22.1 million to implement projects that reduce mobile source emissions. From their AB 2766 fund balances, local governments spent \$19.0 million. The two highest spending categories were Alternative Fuels/Electric Vehicles and Transportation Demand Management, which claimed a combined total of 66% of the \$19.0 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 80% of the quantified emission reductions. In total, local governments implemented 368 projects of which 259 reported quantified emission reductions.

### **I. BACKGROUND**

On-road motor vehicles, including cars, trucks and buses, represent the most significant sources of air pollution in the South Coast Air Basin (SCAB). Vehicle emissions from exhaust contribute to unhealthy levels of ozone 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 Basin 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 March of 2017, the South Coast AQMD adopted the 2016 Air Quality Management Plan (AQMP) as the blueprint for attainment of federal ozone and PM 2.5 standards in the South Coast Air Basin by 2031. The 2016 AQMP brought renewed focus to the role that mobile source emissions play in

attainment of these standards. Future mobile source control measures are identified in the AQMP as well as planning opportunities available for SCAB agencies to align transportation policy, infrastructure modernization, and emission control 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 subvended 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 2018-19.

AB 2766 fees are collected by the California Department of Motor Vehicles (DMV) and then provided 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 2018-19, 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 California Air Resource Board (CARB). Staff receives, reviews, evaluates and "accepts" the AB 2766 reports submitted; however, South Coast AQMD has not been given specific authority to "approve" or "disapprove" a local government's use of AB 2766 funds.<sup>1</sup> Audit requirements of H&S Code Sections 44244.1 *et seq.* specify required actions for fund recipients based upon local government's adherence to program guidelines. If a local government is found to have expended revenues contrary to statute they will have the opportunity to refund the program, or after required public hearing(s), the inappropriate expense amount could be withheld from future revenue distribution. That amount would then be redistributed among the remaining recipients. A local government can also request to have future funds withheld without going through a public hearing process. South Coast AQMD encourages local jurisdictions to pre-designate funds for specific projects that may be implemented in the future to ensure funds do not remain unspent and to provide effective planning for future project implementation.

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

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<sup>1</sup> H&S Code 44243(b)(1).

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 annually shared with CARB.

### **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.

Staff developed an AB 2766 Subvention Fund Program Resource Guide (hereafter, the Resource Guide) 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. Staff also 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 technical training sessions and open office hours during the months of January and February 2020, at which 96 local government representatives attended on behalf of 73 subvention fund recipient jurisdictions. The 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. A key focus of the training was limitations on expenditures, preferred projects that provide quantifiable, cost-effective emission reductions, common reporting errors, and administrative tips. Requirements related to the financial administration of AB 2766 dollars were reviewed in detail, with emphasis on fund accounting and auditing guidelines. The training sessions also included information from the Mobile Source Air Pollution Reduction Review Committee (MSRC) staff on potential future funding opportunities for jurisdictions to leverage with their received subvention funds.

During a component of training, staff guided attendees through project categories and instructed local government representatives on how to identify and input applicable emission factors, as well as other project variables required for calculation of emission reductions and cost effectiveness. Training also included detailed instructions on the AB 2766 OnBase process that local governments use to submit their subvention fund reports to the South Coast AQMD. Local governments access the OnBase system using customized logins and passwords, download and complete the current year Microsoft Access reporting file, and directly upload their completed AB 2766 Annual Reports. This system automatically notifies the transmitting entity, via email, of the status of the Annual Report transmission. In addition to the direct uploading of AB 2766 Annual Reports, the system allows local jurisdictions to monitor the status of South Coast AQMD's review (pending, questions, or accepted). The OnBase system also has a feature which gives local governments' access to their previously submitted reports. Use of the OnBase system fosters 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 Access reporting file for future project planning. As an additional support for fund recipients, South Coast AQMD staff developed AB 2766 Access File Instructions to assist local governments in completing their AB 2766 Annual Reports via Microsoft Access. The Access File Instructions Guide is a tool intended to assist local governments in accurately reporting their projects/programs implemented with AB 2766 funds. It also informs local jurisdictions of eligible, quantifiable, cost-effective projects that yield direct mobile source emission reductions.

South Coast AQMD staff has received and evaluated the FY 2018-19 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	\$416,548	Regional PM Street Sweeping Program using alternative fuel equipment to sweep approximately 23,178 curb miles to remove roadway dust.
Western Riverside	\$60,000	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	\$73,022	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 as reported by the COG.

#### **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 Vehicles** – 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.
  
2. **Vehicle Emissions Abatement** – Purchasing/leasing cleaner diesel engines when alternative fuel engines are not available; repowering of heavy-duty trucks with cleaner engines. Installation of particulate trap retrofits for engines; 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.
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; introduction of user fees or congestion charges to encourage behavioral changes for consumers to use less congesting or less polluting forms of transportation; 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. These can include 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 2018-19 is provided in Table 2, and the financial summary for the last five reporting cycle 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 2018-19, local governments spent less subvention funds on mobile source emission reduction projects (\$19.0 million) than the amount received (\$22.1 million), but project spending held steady compared to the last reporting cycle (\$19.0 million) as shown in Table 3. They spent 23% of their combined beginning balance and MV fees received (\$82.2 million) in FY 2018-19, which is a slight decrease from what occurred in FY 2017-18, when cities and counties spent 24% of the total beginning balances and MV fees received (\$79.4 million). Cities are continuing to pre-designate a larger amount of funds than in previous years which indicates an awareness of the need to accumulate funds in the 2018-19 fiscal year for future program and technology investments.

Table 2 and 3 show that of the \$64.4 million ending balance reported by local governments in FY 2018-19, approximately \$56.5 million, or 88%, of the ending balance was pre-designated for future projects. This is higher than the amounts pre-designated in FY 2017-18 (85%), and is higher than in FY 2016-17 (85%) and FY 2015-16 (70%) for the region.

Table 3 shows that as reported by recipient jurisdictions, the motor vehicle funds being subvented to local governments has increased, from \$21.8 million in FY 2017-18 to \$22.1 million in this reporting cycle. Local governments spent a slightly lower percentage (86% or \$19.0 million) of the funds received on AB 2766 projects compared to the prior reporting cycle (87% or \$19.0 million). However, pre-designation of funds for planning purposes remain higher historically than in previous reporting cycles. With emphasis from South Coast AQMD's AB 2766 staff, local jurisdictions are showing a better

understanding of the need for pre-designating funds to help plan for policy and project implementation that meet local needs while advancing regional air quality goals.

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

<b>County</b>	<b>Beginning Balance</b>	<b>MV Fees Received</b>	<b>Project Spending</b>	<b>Ending Balance<sup>2</sup></b>	<b>Pre-designated Funds</b>	<b>Funds Remaining</b>
<b>Los Angeles</b>	\$32,394,955	\$12,892,925	\$11,374,688	\$34,423,441	\$31,165,132	\$3,258,309
<b>Orange</b>	\$13,604,556	\$3,870,112	\$3,595,522	\$14,148,274	\$12,000,277	\$2,147,997
<b>Riverside</b>	\$6,497,584	\$3,098,390	\$2,047,324	\$7,703,981	\$6,038,489	\$1,665,492
<b>San Bernardino</b>	\$7,622,467	\$2,267,810	\$1,943,785	\$8,117,756	\$7,301,067	\$816,689
<b>Totals*</b>	<b>\$60,119,563</b>	<b>\$22,129,237</b>	<b>\$18,961,319</b>	<b>\$64,393,453</b>	<b>\$56,504,964</b>	<b>\$7,888,489</b>

\*Totals may vary due to rounding.

**Table 3**  
**History of Motor Vehicle Funds Financial Summary**

<b>Fiscal Year</b>	<b>Beginning Balance</b>	<b>MV Fees Received</b>	<b>Project Spending</b>	<b>Ending Balance</b>	<b>Pre-designated Funds</b>	<b>Funds Remaining</b>
<b>2014-15</b>	\$43,512,253	\$21,738,605	\$16,965,994	\$48,250,812	\$31,831,121	\$16,419,691
<b>2015-16</b>	\$45,783,106	\$22,099,037	\$19,163,200	\$48,821,026	\$33,967,602	\$14,853,424
<b>2016-17</b>	\$52,723,319	\$22,565,779	\$17,655,513	\$57,629,828	\$49,270,416	\$8,359,412
<b>2017-18</b>	\$57,581,172	\$21,773,549	\$18,970,439	\$60,424,838	\$51,324,794	\$9,100,043
<b>2018-19</b>	<b>\$60,119,563</b>	<b>\$22,129,237</b>	<b>\$18,961,319</b>	<b>\$64,393,453</b>	<b>\$56,504,964</b>	<b>\$7,888,489</b>

\*Totals may vary due to rounding.

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 2018-19.

<sup>2</sup> 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.

Los Angeles County has the majority of the cities in the South Coast Air Basin and therefore funded the largest number of AB 2766 projects in the program (206). Orange County had the second highest number of projects funded (84), followed by Riverside County (48) and San Bernardino (30). For this reporting cycle, San Bernardino County has yielded the highest percentage (83%) of quantified projects.

**Table 4**  
**Local Government Project Reporting and Emission Reduction Quantification**

<b>County</b>	<b>Number of Local Governments Reporting</b>	<b>Number of Projects Funded</b>	<b>Number of Projects with Emission Reductions Quantified</b>	<b>Percent of Projects with Emission Reductions Quantified</b>
<b>Los Angeles</b>	82	206	140	68%
<b>Orange</b>	35	84	62	75%
<b>Riverside</b>	28	48	32	67%
<b>San Bernardino</b>	17	30	25	83%
<b>Totals</b>	<b>162</b>	<b>368</b>	<b>259</b>	<b>71%</b>

Table 5 shows the number of projects with emission reduction quantified over the last five reporting cycles. The FY 2018-19 report shows 259 projects with emission reductions quantified, which is an increase from the 234 projects quantified in FY 2017-18. FY 2018-19 has obtained the highest percentage of quantified projects and expenditures.

Every year, CARB updates and provides the District with emission reduction calculation methodologies, along with the corresponding emission factors for some of the most widely implemented 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 research and development and infrastructure projects, as well as Public Education and Outreach programs, therefore CARB has not adopted methodologies for those projects.

**Table 5**  
**Project Quantification History**

<b>Year</b>	<b>Number of Projects</b>	<b>Projects with Emission Reductions Quantified</b>	<b>Percent of Projects Quantified</b>	<b>Percent of Expenditures Quantified</b>
<b>FY 2014-15</b>	368	229	62%	64%
<b>FY 2015-16</b>	395	261	66%	73%
<b>FY 2016-17</b>	359	220	61%	66%
<b>FY 2017-18</b>	358	234	66%	69%
<b>FY 2018-19</b>	<b>368</b>	<b>259</b>	<b>71%</b>	<b>78%</b>

Table 6 shows the FY 2018-19 expenditures made in nine 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, nor any projects in the Vehicle Emission Abatement category in this reporting cycle. 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 Transportation Demand Management categories, which together represents 66% or about \$12.6 million of the \$19.0 million program expenditures. A significant amount of these funds were spent towards purchasing/leasing of alternative fuel/electric vehicles, installation of supporting alternative fuel infrastructure, and implementation of employer-based trip reduction programs.

**Table 6**  
**Expenditures by Project Category**

<b>Project Category</b>	<b>Project Spending*</b>	<b>Percent of Spending*</b>	<b># of Projects</b>
Alternative Fuels/Electric Vehicles	\$8,400,323	44%	130
Transportation Demand Management	\$4,173,758	22%	62
Traffic Management	\$1,699,676	9%	47
Miscellaneous Projects	\$1,519,409	8%	16
Land Use	\$1,099,229	6%	31
Public Transportation (Transit & Rail)	\$836,172	4%	16
PM Reduction Strategies	\$601,873	3%	19
Bicycles	\$503,469	3%	36
Public Education	\$127,409	1%	11
<b>Totals*</b>	<b>\$18,961,319</b>	<b>100%</b>	<b>368</b>

\* 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, \$11.4 million, and also achieved the majority of annual emission reductions, 63 tons. During FY 2018-19, a total of 141 tons of emissions were reduced in the SCAB by projects funded with AB 2766 Subvention money.

**Table 7**  
**Project Spending and Emissions Reduced**

County	No. of Projects Funded	Project Spending	Emissions Reduced <sup>3</sup> (Tons/Year)				
			ROG	NOx	PM 10	CO/7	Totals*
<b>Los Angeles</b>	206	\$11,374,688	14	21	7	21	<b>63</b>
<b>Orange</b>	84	\$3,595,522	11	19	3	14	<b>46</b>
<b>Riverside</b>	48	\$2,047,324	7	7	3	7	<b>25</b>
<b>San Bernardino</b>	30	\$1,943,785	1	3	1	2	<b>7</b>
<b>Totals*</b>	<b>368</b>	<b>\$18,961,319</b>	<b>33</b>	<b>51</b>	<b>13</b>	<b>44</b>	<b>141</b>

\* Totals may vary due to rounding.

Table 8 provides emission reduction and cost-effectiveness information 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 46% of all of the emissions reduced for a total of 129,219 pounds of emissions. This category includes trip reduction subsidies for employees of reporting jurisdictions that receive AB 2766 funds, as well as subsidies for residents who meet their city program requirements.

The Traffic Management category accounts for 35% of the emission reductions, for a total of 97,756 pounds of emissions. This category includes traffic signal synchronization, signal installation, and software updates. The Alternative Fuels/Electric Vehicles category reduced 14,750 pounds of emission and represent 5% of the total reductions, though it has the largest number of projects. This dichotomy is due to the long legacy of federal and state rules governing tailpipe pollution, leading to vehicles today being much cleaner than their predecessors earlier in the program. The cost-effectiveness of all project categories, as shown in Table 8, range from \$4.18- \$438.13 per pound of emissions reduced. The overall total average cost-effectiveness was computed as \$25.07 per pound of emissions reduced.

AB 2766 staff are continuing to provide technical support and program 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

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<sup>3</sup> Emissions Reduced account for total reductions (VOC, NOx, PM<sub>2.5</sub> 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.

implementation is helping Program Administrators better understand the importance of long-term project planning.

**Table 8**  
**Emissions Reduced and Cost-Effectiveness by Project Category**

<b>Project Category</b>	<b>Number of Projects</b>	<b>Number of Projects Quantified</b>	<b>Percent of Projects Quantified</b>	<b>Emissions Reduced<sup>4</sup> (lbs. /yr.)</b>	<b>Emission Reduced<sup>5</sup> (tons/yr.)</b>	<b>Air Funds Cost-Effectiveness<sup>6</sup> (\$/lb.)</b>
Transportation Demand Management	62	57	92%	129,219	65	\$28.90
Traffic Management	47	31	66%	97,756	49	\$4.18
Alternative Fuels/Electric Vehicles	130	100	77%	14,750	7	\$63.13
Miscellaneous Projects	36	10	28%	14,743	7	\$21.59
Public Transportation (Transit & Rail)	31	29	94%	13,481	7	\$69.26
PM Reduction Strategies	16	16	100%	11,864	6	\$42.54
Bicycles	16	14	88%	561	0	\$438.13
Land Use	19	2	11%	8	0	\$384.60
Public Education	11	0	0%	-	-	\$ -
<b>Totals:</b>	<b>368</b>	<b>259</b>	<b>71%</b>	<b>282,377</b>	<b>141</b>	<b>\$ 25.07</b>

\*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 most recently approved emission factors.

Previous annual reports described a higher level of emissions reduction attained. This changed in 2018, when district staff reevaluated the longstanding emission reduction calculation methodology previously approved by CARB for calculating emission reductions from the Automatic Traffic Surveillance (ATSAC) project implemented by the City of Los Angeles. The ATSAC Project is a complex signal synchronization system in place throughout the city that automatically responds to changing traffic conditions and improves traffic flow. This project was believed to be responsible for approximately 91% of the total emissions reduced each year in the entire AB 2766 program. As reported in the FY 2016-17 annual report, the ATSAC Project was reassessed by the City of Los Angeles and District Staff to more

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

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

6 Cost-Effectiveness is determined by multiplying default capital recovery factors (amortized formula reflecting 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.

accurately measure emission reductions, account for cleaner vehicles currently on the road, and minimize assumptions. ATSAC is now using the same methodology for traffic calming as other cities in the region.

Table 9 shows the history of the AB 2766 program after adjusting for the new ATSAC methodology. The 141 tons of emissions reduced in this reporting cycle is a 43% increase from the 98 tons reported in FY 2017-18. This reverses a downward trend since FY 2014-15. Staff believes that the declining trend previous to this reporting cycle is due to a general decrease in emissions from vehicles in the state inventory as a result of improving vehicle emission standards and fleet turnover.

The increase in emission reductions for this reporting cycle are due to emission reduction from the Transportation Demand Management category and the Traffic Management category compared to FY 2017-18. Staff worked closely with the jurisdictions to verify that accurate emissions quantifications were derived from each project.

**Table 9**  
**History of Emissions Reduced and Cost-Effectiveness**

<b>Fiscal Year</b>	<b>Emissions Reduced* (lbs./yr.)</b>	<b>Emissions Reduced* (tons/yr.)</b>	<b>Cost-Effectiveness** (\$/lb.)</b>	<b>Cost-Effectiveness** (\$/ton)</b>
<b>FY 2014-15</b>	932,000	466	\$8.91	\$17,821
<b>FY 2015-16</b>	814,000	407	\$11.87	\$23,750
<b>FY 2016-17</b>	267,000	134	\$26.24	\$52,482
<b>FY 2017-18</b>	195,000	98	\$34.64	\$69,276
<b>FY 2018-19</b>	<b>282,377</b>	<b>141</b>	<b>\$25.07</b>	<b>\$50,144</b>

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

\*\*In current 2018 dollars.

Table 10 shows the project subcategories with the highest Motor Vehicle Fee funding allocations within each project category. Each project category is comprised of subcategories for the purpose of emission reduction quantification. Historically and for this reporting cycle, the two project subcategories with the highest expenditures have been Alternative Fuel Vehicle Purchases and Employer Based Trip Reductions. Combined, the total expenditures for these top two subcategories is approximately \$7.9 million. This amount represents 41.7% of the \$19.0 million MV fees spent on mobile source projects during FY 2018-19.

**Table 10**  
**Project Subcategories with Highest Funding Allocations**

<b>Project Category (# of Projects)</b>	<b>Project Subcategory (# of Projects)</b>	<b>Project Subcategory Expenditures</b>	<b>Percent of Project Category Expenditures*</b>
Alternative Fuels/Electric Vehicles (130)	Alternative Fuel Vehicle Purchase (70)	\$4,617,896	55%
Transportation Demand Management (62)	Employer-Based Trip Reduction (50)	\$3,285,456	79%
Traffic Management (47)	Traffic Flow or Signalization (34)	\$1,383,873	81%
Bicycles (16)	Bicycle Lanes and Trails (8)	\$1,340,802	88%
PM Reduction Strategies (16)	Road Dust Control (16)	\$836,172	100%
Miscellaneous Projects (36)	Miscellaneous (36)	\$503,469	100%
Land Use (19)	Plan Element (10)	\$498,864	83%
Public Transportation (Transit & Rail) (31)	Passenger Fare Subsidies (20)	\$496,507	45%
Public Education (11)	Short Term PE (8)	\$96,533	76%

\*Project Category Expenditures shown in Table 6.

## **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 MSRC 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) Updating the Resource Guide
  - 2) Updating Access File Instructions
  - 3) Enhancing Marketing Materials (pamphlets, fact sheets, etc.)
  - 4) Developing a web-based reporting process for local government annual report submissions
- 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.
  - 5) Develop virtual training for COVID response and travel reduction purposes.
- 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.

**ATTACHMENT A**  
**Eligible Cities and Counties (FY 2018-19)**

## Eligible Cities and Counties (FY 2018-19)

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

**ATTACHMENT B**

**FY 2018-19 AB 2766 Subvention Fund Program Reports**

## South Coast Cities and Counties Financial Summary of Motor Vehicle Funds

Fiscal Year 2018 - 2019

County	Local Name	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	\$37,939	\$27,080	\$1,113	\$66,132	\$0	\$0	\$66,132	\$40,000
	Alhambra	\$125,450	\$112,410	\$5,189	\$243,049	\$94,526	\$5,444	\$143,079	\$90,000
	Arcadia	\$95,547	\$74,845	\$2,970	\$173,362	\$47,733	\$0	\$125,629	\$125,000
	Artesia	\$118,450	\$21,780	\$3,689	\$143,919	\$11,027	\$1,360	\$131,532	\$131,531
	Azusa	\$179,722	\$64,793	\$2,636	\$247,151	\$35,138	\$0	\$212,013	\$212,000
	Baldwin Park	\$534,874	\$99,495	\$4,058	\$638,427	\$77,823	\$0	\$560,604	\$402,000
	Bell	\$172,734	\$47,116	\$5,314	\$225,164	\$161,857	\$605	\$62,702	\$60,000
	Bell Gardens	\$230,742	\$55,840	\$2,308	\$288,890	\$118,357	\$0	\$170,533	\$137,000
	Bellflower	\$316,469	\$100,758	\$7,245	\$424,473	\$0	\$0	\$424,473	\$424,473
	Beverly Hills	\$470,007	\$44,755	\$9,809	\$524,571	\$340,000	\$0	\$184,571	\$184,562
	Burbank	\$366,887	\$138,979	\$14,420	\$520,286	\$89,789	\$0	\$430,497	\$430,497
	Calabasas	\$86,424	\$31,513	\$1,469	\$119,407	\$41,125	\$0	\$78,282	\$78,282
	Carson	\$533,388	\$121,663	\$16,424	\$671,475	\$127,285	\$3,000	\$541,190	\$450,000
	Cerritos	\$507,670	\$63,590	\$9,358	\$580,618	\$30,485	\$3,974	\$546,158	\$546,158
	Claremont	\$178,878	\$47,273	\$4,618	\$230,769	\$6,461	\$0	\$224,308	\$224,000
	Commerce	\$79	\$12,633	\$0	\$12,712	\$12,633	\$0	\$79	\$0
	Compton	\$615,710	\$129,540	\$0	\$745,250	\$37,928	\$4,317	\$703,005	\$703,005
	County of LA	\$4,419,000	\$1,371,201	\$79,502	\$5,869,703	\$521,130	\$0	\$5,348,573	\$5,025,000
	Covina	\$186,487	\$63,564	\$1,332	\$251,383	\$125,594	\$2,270	\$123,519	\$123,519
	Cudahy	\$126,759	\$23,389	\$1,329	\$151,477	\$75,114	\$195	\$76,168	\$76,000
	Culver City	\$199,848	\$51,701	\$0	\$251,549	\$55,571	\$0	\$195,977	\$148,165
	Diamond Bar	\$139,290	\$74,529	\$1,685	\$215,504	\$113,647	\$0	\$101,857	\$100,000

County	Local Name	Beginning Balance	Motor Vehicle Fees Received	Interest	Revenue	Project Spending	Admin	Funds	
								Ending Balance	Pre-designated for Future Year
Downey		\$458,635	\$148,054	\$7,968	\$614,657	\$125,106	\$5,000	\$484,551	\$400,000
Duarte		\$64,337	\$28,552	\$857	\$93,746	\$20,146	\$1,929	\$71,671	\$64,000
El Monte		\$163,056	\$152,020	\$3,249	\$318,325	\$79,063	\$0	\$239,262	\$239,262
El Segundo		\$78,336	\$21,770	\$3,551	\$103,657	\$28,797	\$0	\$74,859	\$74,859
Gardena		\$243,748	\$79,440	\$3,566	\$326,753	\$100,299	\$3,500	\$222,954	\$222,950
Glendale		\$772,333	\$266,592	\$21,981	\$1,060,906	\$161,777	\$0	\$899,129	\$635,000
Glendora		\$148,336	\$68,359	\$0	\$216,695	\$11,518	\$3,779	\$201,398	\$145,432
Hawaiian Gardens		\$137,307	\$19,023	\$2,763	\$159,093	\$132,543	\$0	\$26,550	\$20,000
Hawthorne		\$138,370	\$115,142	\$450	\$253,962	\$102,537	\$1,660	\$149,765	\$149,765
Hermosa Beach		\$35,452	\$25,517	\$427	\$61,396	\$43,151	\$0	\$18,245	\$18,245
Hidden Hills		\$31,956	\$2,454	\$315	\$34,725	\$33,537	\$0	\$1,188	\$1,188
Huntington Park		\$119,878	\$77,140	\$1,526	\$198,544	\$18,200	\$0	\$180,344	\$131,144
Inglewood		\$306,043	\$147,293	\$6,628	\$459,964	\$12,110	\$0	\$447,854	\$345,000
Irwindale		\$1,763	\$1,881	\$26	\$3,670	\$0	\$0	\$3,670	\$2,850
La Canada Flintridge		\$246,025	\$26,827	\$5,573	\$278,425	\$0	\$0	\$278,425	\$215,875
La Habra Heights		\$29,950	\$7,074	\$211	\$37,235	\$35,800	\$0	\$1,435	\$1,435
La Mirada		\$328,091	\$64,321	\$7,823	\$400,235	\$61,318	\$0	\$338,917	\$330,000
La Puente		\$210,696	\$52,772	\$4,047	\$267,515	\$0	\$1,152	\$266,362	\$211,000
La Verne		\$438,458	\$43,140	\$18,252	\$499,850	\$9,965	\$1,918	\$487,967	\$487,967
Lakewood		\$335,118	\$105,294	\$8,046	\$448,458	\$59,760	\$0	\$388,698	\$388,698
Lawndale		\$131,525	\$43,590	\$443	\$175,558	\$39,605	\$0	\$135,953	\$135,878
Lomita		\$59,396	\$26,869	\$1,354	\$87,618	\$19,120	\$0	\$68,498	\$59,396
Long Beach		\$2,905,241	\$620,722	\$35,443	\$3,561,405	\$1,189,635	\$552	\$2,371,218	\$2,000,000
Los Angeles (City)		\$6,425,866	\$5,258,794	\$120,361	\$11,805,021	\$4,168,178	\$59,246	\$7,577,597	\$6,966,628
Lynwood		\$139,648	\$93,408	\$5,005	\$238,060	\$125,596	\$0	\$112,464	\$73,677

County	Local Name	Beginning Balance	Motor Vehicle Fees Received	Interest	Revenue	Project Spending	Admin	Funds	
								Ending Balance	Pre-designated for Future Year
	Malibu	\$78,345	\$16,806	\$2,412	\$97,563	\$1,720	\$0	\$95,843	\$95,843
	Manhattan Beach	\$152,079	\$46,682	\$6,303	\$205,064	\$158,107	\$2,100	\$44,857	\$40,000
	Maywood	\$25,220	\$36,374	\$0	\$61,594	\$0	\$0	\$61,594	\$54,406
	Monrovia	\$383,176	\$50,309	\$6,304	\$439,789	\$53,671	\$0	\$386,118	\$386,000
	Montebello	\$602,042	\$83,436	\$14,534	\$700,012	\$21,285	\$5,121	\$673,605	\$451,531
	Monterey Park	\$233,420	\$80,729	\$920	\$315,069	\$87,200	\$0	\$227,869	\$175,065
	Norwalk	\$136,135	\$139,493	\$2,032	\$277,660	\$177,675	\$0	\$99,985	\$87,564
	Palos Verdes Estates	\$134,567	\$17,535	\$2,524	\$154,625	\$31,569	\$0	\$123,056	\$123,056
	Paramount	\$291,598	\$72,635	\$5,974	\$370,207	\$48,121	\$3,452	\$318,634	\$318,634
	Pasadena	\$151,675	\$187,436	\$2,814	\$341,925	\$113,323	\$0	\$228,602	\$228,602
	Pico Rivera	\$381,186	\$83,349	\$7,926	\$472,461	\$110,510	\$5,264	\$356,687	\$356,687
	Pomona	\$500,463	\$201,935	\$7,231	\$709,629	\$161,965	\$12,711	\$534,953	\$600,000
	Rancho Palos Verdes	\$97,012	\$55,413	\$231	\$152,656	\$50,000	\$0	\$102,656	\$50,000
	Redondo Beach	\$228,725	\$65,984	\$8,700	\$303,409	\$55,579	\$4,505	\$243,325	\$228,725
	Rolling Hills Estates	\$85,552	\$10,520	\$1,199	\$97,271	\$0	\$0	\$97,271	\$97,271
	Rosemead	\$255,263	\$71,685	\$8,017	\$334,964	\$0	\$0	\$334,964	\$334,965
	San Dimas	\$244,350	\$44,758	\$5,938	\$295,046	\$43,469	\$2,238	\$249,340	\$200,000
	San Fernando	\$105,472	\$31,910	\$2,716	\$140,098	\$83,294	\$0	\$56,804	\$62,885
	San Gabriel	\$155,344	\$53,076	\$1,295	\$209,715	\$27,325	\$0	\$182,390	\$182,390
	San Marino	\$75,229	\$17,215	\$1,823	\$94,267	\$0	\$0	\$94,267	\$94,267
	Santa Clarita	\$805,607	\$280,929	\$31,176	\$1,117,712	\$467,751	\$3,164	\$646,797	\$646,797
	Santa Fe Springs	\$126,173	\$29,593	\$2,471	\$158,237	\$6,187	\$0	\$152,050	\$152,050
	Santa Monica	\$701,418	\$119,869	\$29,080	\$850,366	\$39,850	\$7,491	\$803,025	\$545,000
	Sierra Madre	\$41,183	\$13,049	\$1,271	\$55,503	\$40,153	\$0	\$15,350	\$15,350
	Signal Hill	\$169,684	\$15,239	\$5,185	\$190,107	\$114,558	\$0	\$75,549	\$52,000



County	Local Name	Beginning Balance	Motor Vehicle Fees Received	Interest	Revenue	Project Spending	Admin	Funds	
								Ending Balance	Pre-designated for Future Year
	South El Monte	\$53,503	\$27,085	\$0	\$80,588	\$6,583	\$0	\$74,005	\$74,000
	South Gate	\$442,203	\$127,284	\$31,328	\$600,815	\$219,485	\$6,000	\$375,330	\$357,330
	South Pasadena	\$123,960	\$33,784	\$4,776	\$162,521	\$22,856	\$0	\$139,664	\$139,000
	Temple City	\$212,734	\$47,227	\$2,951	\$262,912	\$74,466	\$0	\$188,446	\$150,000
	Torrance	\$351,379	\$193,579	\$2,658	\$547,616	\$148,826	\$2,519	\$396,271	\$351,379
	Walnut	\$11,168	\$39,505	\$0	\$50,672	\$37,320	\$0	\$13,352	\$13,352
	West Covina	\$428,732	\$140,400	\$0	\$569,132	\$203,715	\$6,408	\$359,009	\$359,000
	West Hollywood	\$153,296	\$59,446	\$4,577	\$217,319	\$23,321	\$0	\$193,998	\$150,000
	Westlake Village	\$60,438	\$10,841	\$1,094	\$72,373	\$0	\$0	\$72,373	\$55,000
	Whittier	\$804,706	\$113,323	\$37,281	\$955,310	\$43,821	\$5,946	\$905,543	\$905,543
	<b>County Total:</b>	<b>\$32,394,955</b>	<b>\$12,892,925</b>	<b>\$677,070</b>	<b>\$45,964,951</b>	<b>\$11,374,688</b>	<b>\$166,821</b>	<b>\$34,423,441</b>	<b>\$31,165,132</b>
	<b>Orange</b>								
	Aliso Viejo	\$886,137	\$67,382	\$26,181	\$979,699	\$40,578	\$0	\$939,121	\$685,000
	Anaheim	\$133,083	\$463,159	\$2,075	\$598,317	\$370,828	\$12,419	\$215,070	\$210,000
	Brea	\$242,077	\$58,225	\$10,710	\$311,012	\$0	\$0	\$311,012	\$311,012
	Buena Park	\$631,022	\$108,946	\$8,915	\$748,883	\$63,986	\$0	\$684,897	\$674,853
	Costa Mesa	\$355,038	\$149,546	\$13,414	\$517,998	\$116,604	\$0	\$401,394	\$174,904
	County of Orange	\$292,569	\$164,414	\$5,332	\$462,315	\$215,451	\$3,122	\$243,742	\$243,742
	Cypress	\$70,364	\$64,825	\$1,982	\$137,171	\$137,171	\$0	\$0	\$0
	Dana Point	\$455,664	\$44,192	\$10,978	\$510,834	\$0	\$0	\$510,834	\$510,834
	Fountain Valley	\$540,353	\$73,829	\$7,853	\$622,035	\$248,189	\$449	\$373,397	\$373,000
	Fullerton	\$553,888	\$180,881	\$20,055	\$754,824	\$291,483	\$1,568	\$461,773	\$461,773
	Garden Grove	\$527,155	\$223,308	\$7,948	\$758,411	\$133,408	\$16,867	\$608,136	\$472,632
	Huntington Beach	\$1,057,446	\$83,721	\$36,105	\$1,177,272	\$105,529	\$1,080	\$1,070,663	\$1,035,000
	Irvine	\$450,508	\$358,216	\$15,088	\$823,812	\$284,820	\$10,191	\$528,801	\$528,801

County	Local Name	Beginning Balance	Motor Vehicle Fees Received	Interest	Revenue	Project Spending	Admin	Funds	
								Ending Balance	Pre-designated for Future Year
	La Habra	\$34,494	\$81,520	\$327	\$116,341	\$81,139	\$0	\$35,202	\$30,000
	La Palma	\$134,338	\$20,686	\$4,182	\$159,205	\$0	\$0	\$159,205	\$159,205
	Laguna Beach	\$17,572	\$30,233	\$636	\$48,441	\$26,533	\$0	\$21,908	\$8,000
	Laguna Hills	\$179,110	\$41,270	\$3,825	\$224,205	\$0	\$0	\$224,205	\$224,205
	Laguna Niguel	\$513,707	\$84,798	\$14,443	\$612,948	\$47,796	\$0	\$565,152	\$565,152
	Laguna Woods	\$158,576	\$21,527	\$3,450	\$183,553	\$0	\$0	\$183,553	\$50,000
	Lake Forest	\$584,014	\$110,049	\$12,691	\$706,754	\$109,726	\$0	\$597,028	\$445,200
	Los Alamitos	\$82,245	\$15,387	\$1,933	\$99,565	\$0	\$0	\$99,565	\$86,150
	Mission Viejo	\$280,693	\$124,501	\$4,013	\$409,207	\$152,408	\$6,628	\$250,172	\$250,000
	Newport Beach	\$1,051,030	\$111,720	\$37,242	\$1,199,992	\$124,079	\$0	\$1,075,913	\$350,000
	Orange (City)	\$148,798	\$184,120	\$3,610	\$336,528	\$198,893	\$4,372	\$133,263	\$56,917
	Placentia	\$183,695	\$68,426	\$3,600	\$255,721	\$65,454	\$0	\$190,267	\$190,268
	Rancho Santa Margarita	\$233,278	\$63,983	\$5,711	\$302,971	\$46,364	\$0	\$256,608	\$256,608
	San Clemente	\$189,603	\$85,013	\$1,977	\$276,593	\$66,152	\$0	\$210,441	\$156,944
	San Juan Capistrano	\$350,873	\$47,679	\$10,230	\$408,781	\$72,327	\$0	\$336,454	\$252,340
	Santa Ana	\$1,212,199	\$324,985	\$20,573	\$1,557,757	\$356,468	\$19,920	\$1,181,369	\$1,086,119
	Seal Beach	\$75	\$33,703	\$62	\$33,840	\$33,840	\$0	\$0	\$0
	Stanton	\$178,952	\$51,195	\$3,683	\$233,829	\$265	\$2,450	\$231,114	\$230,000
	Tustin	\$311,614	\$106,805	\$11,671	\$430,090	\$0	\$208	\$429,882	\$429,882
	Villa Park	\$41,137	\$9,676	\$327	\$51,140	\$0	\$484	\$50,656	\$46,184
	Westminster	\$457,012	\$122,541	\$8,861	\$588,414	\$108,693	\$7,659	\$472,062	\$350,137
	Yorba Linda	\$1,066,239	\$89,653	\$36,861	\$1,192,753	\$97,339	\$0	\$1,095,414	\$1,095,414
	<b>County Total:</b>	<b>\$13,604,556</b>	<b>\$3,870,112</b>	<b>\$356,544</b>	<b>\$17,831,213</b>	<b>\$3,595,522</b>	<b>\$87,417</b>	<b>\$14,148,274</b>	<b>\$12,000,277</b>
<b>Riverside</b>									
	Banning	\$119,115	\$40,575	\$2,974	\$162,664	\$3,000	\$0	\$159,664	\$159,664

County	Local Name	Beginning Balance	Motor Vehicle Fees Received	Interest	Revenue	Project Spending	Admin	Funds	
								Ending Balance	Pre-designated for Future Year
Beaumont		\$370,380	\$62,566	\$11,137	\$444,083	\$0	\$0	\$444,083	\$444,000
Calimesa		\$51,165	\$11,513	\$795	\$63,473	\$53,000	\$90	\$10,383	\$10,383
Canyon Lake		\$80,467	\$14,291	\$1,222	\$95,980	\$0	\$0	\$95,980	\$95,980
Cathedral City		\$105,082	\$71,212	\$11,896	\$188,190	\$53,300	\$0	\$134,890	\$134,745
Coachella		\$18,218	\$59,191	\$0	\$77,409	\$44,393	\$0	\$33,016	\$33,000
Corona		\$1,155,973	\$218,650	\$51,539	\$1,426,162	\$17,309	\$1,148	\$1,407,705	\$600,000
County of Riverside		\$181,552	\$491,932	\$1,847	\$675,332	\$423,604	\$0	\$251,728	\$175,000
Desert Hot Springs		\$29,747	\$38,577	\$0	\$68,324	\$28,933	\$0	\$39,391	\$25,851
Eastvale		\$288,560	\$84,121	\$4,002	\$376,683	\$57,477	\$600	\$318,607	\$110,000
Hemet		\$526,271	\$107,871	\$13,272	\$647,414	\$5,000	\$0	\$642,414	\$526,271
Indian Wells		\$7,704	\$7,230	\$19	\$14,953	\$5,422	\$0	\$9,530	\$9,530
Indio		\$195,651	\$113,989	\$6,258	\$315,898	\$122,398	\$3,204	\$190,296	\$150,000
Jurupa Valley		\$167,590	\$137,558	\$1,995	\$307,143	\$8,749	\$0	\$298,394	\$298,394
La Quinta		\$103,141	\$53,444	\$2,770	\$159,355	\$40,083	\$0	\$119,272	\$103,141
Lake Elsinore		\$238,895	\$82,188	\$10,272	\$331,355	\$0	\$0	\$331,355	\$327,246
Menifee		\$176,895	\$119,202	\$1,898	\$297,995	\$226,209	\$0	\$71,786	\$71,786
Moreno Valley		\$282,676	\$269,307	\$4,695	\$556,678	\$225,539	\$9,103	\$322,036	\$229,650
Murrieta		\$407,096	\$147,269	\$7,246	\$561,611	\$83,017	\$2,218	\$476,376	\$245,000
Norco		\$96,151	\$34,711	\$2,470	\$133,332	\$28,319	\$1,500	\$103,513	\$89,000
Palm Desert		\$126,070	\$68,444	\$3,629	\$198,143	\$56,698	\$0	\$141,445	\$140,000
Palm Springs		\$41,805	\$61,877	\$2,568	\$106,251	\$46,408	\$3,850	\$55,993	\$55,500
Perris		\$221,409	\$100,959	\$5,268	\$327,636	\$107,944	\$0	\$219,692	\$219,692
Rancho Mirage		\$65,726	\$24,304	\$223	\$90,253	\$18,228	\$0	\$72,025	\$75,025
Riverside (City)		\$1,132,882	\$421,092	\$31,548	\$1,585,522	\$329,293	\$2,058	\$1,254,171	\$1,254,171
San Jacinto		\$94,794	\$62,448	\$1,754	\$158,996	\$6,000	\$3,043	\$149,953	\$149,943

County	Local Name	Beginning Balance	Motor Vehicle Fees Received	Interest	Revenue	Project Spending	Admin	Funds	
								Ending Balance	Pre-designated for Future Year
	Temecula	\$132,593	\$146,802	\$3,145	\$282,540	\$57,000	\$0	\$225,540	\$225,540
	Wildomar	\$79,976	\$47,066	\$122	\$127,165	\$0	\$2,422	\$124,743	\$79,976
	<b>County Total:</b>	<b>\$6,497,584</b>	<b>\$3,098,390</b>	<b>\$184,566</b>	<b>\$9,780,541</b>	<b>\$2,047,324</b>	<b>\$29,236</b>	<b>\$7,703,981</b>	<b>\$6,038,489</b>
<b>San Bernardino</b>									
	Big Bear Lake	\$63,185	\$7,149	\$1,654	\$71,988	\$0	\$0	\$71,988	\$71,988
	Chino	\$633,169	\$112,529	\$14,221	\$759,919	\$5,624	\$0	\$754,295	\$700,000
	Chino Hills	\$479,966	\$107,862	\$22,863	\$610,691	\$77,209	\$4,937	\$528,545	\$466,522
	Colton	\$225,667	\$69,683	\$18,217	\$313,567	\$105,146	\$0	\$208,421	\$180,000
	County of San Bernardino	\$349,876	\$312,627	\$15,463	\$677,966	\$453,696	\$19,539	\$204,731	\$204,731
	Fontana	\$849,521	\$355,476	\$28,729	\$1,233,726	\$64,840	\$13,400	\$1,155,486	\$1,155,486
	Grand Terrace	\$85,022	\$16,244	\$1,041	\$102,307	\$55,075	\$0	\$47,232	\$16,000
	Highland	\$359,212	\$71,028	\$8,247	\$438,487	\$100,056	\$3,825	\$334,607	\$334,607
	Loma Linda	\$27,763	\$31,059	\$433	\$59,255	\$31,752	\$1,553	\$25,951	\$25,951
	Montclair	\$135,859	\$50,664	\$766	\$187,289	\$0	\$0	\$187,289	\$187,000
	Ontario	\$1,421,137	\$215,390	\$41,932	\$1,678,459	\$58,427	\$10,147	\$1,609,885	\$1,421,137
	Rancho Cucamonga	\$1,321,471	\$229,153	\$36,582	\$1,587,206	\$873,930	\$1,840	\$711,436	\$711,000
	Redlands	\$469,958	\$92,345	\$16,032	\$578,335	\$0	\$829	\$577,506	\$500,000
	Rialto	\$417,048	\$139,000	\$6,582	\$562,630	\$50,673	\$6,190	\$505,767	\$417,048
	San Bernardino (City)	\$588,730	\$286,819	\$14,209	\$889,758	\$12,688	\$634	\$876,436	\$699,045
	Upland	\$181,219	\$99,896	\$4,241	\$285,356	\$8,748	\$6,243	\$270,365	\$175,000
	Yucaipa	\$13,664	\$70,886	\$9,189	\$93,739	\$45,923	\$0	\$47,816	\$35,552
	<b>County Total:</b>	<b>\$7,622,467</b>	<b>\$2,267,810</b>	<b>\$240,401</b>	<b>\$10,130,679</b>	<b>\$1,943,785</b>	<b>\$69,137</b>	<b>\$8,117,756</b>	<b>\$7,301,067</b>
	<b>GRAND TOTAL:</b>	<b>\$60,119,563</b>	<b>\$22,129,237</b>	<b>\$1,458,582</b>	<b>\$83,707,383</b>	<b>\$18,961,319</b>	<b>\$352,611</b>	<b>\$64,393,453</b>	<b>\$56,504,964</b>
	<i>Number of Local</i>	162							

## Local Government Administrative Costs

Fiscal Year 2018 - 2019

Local Government	Administrative Costs	Motor Vehicle Revenues	Admin Costs as % of Revenues
Agoura Hills	\$0	\$27,080	0%
Alhambra	\$5,444	\$112,410	5%
Aliso Viejo	\$0	\$67,382	0%
Anaheim	\$12,419	\$463,159	3%
Arcadia	\$0	\$74,845	0%
Artesia	\$1,360	\$21,780	6%
Azusa	\$0	\$64,793	0%
Baldwin Park	\$0	\$99,495	0%
Banning	\$0	\$40,575	0%
Beaumont	\$0	\$62,566	0%
Bell	\$605	\$47,116	1%
Bell Gardens	\$0	\$55,840	0%
Bellflower	\$0	\$100,758	0%
Beverly Hills	\$0	\$44,755	0%
Big Bear Lake	\$0	\$7,149	0%
Brea	\$0	\$58,225	0%
Buena Park	\$0	\$108,946	0%
Burbank	\$0	\$138,979	0%
Calabasas	\$0	\$31,513	0%
Calimesa	\$90	\$11,513	1%
Canyon Lake	\$0	\$14,291	0%
Carson	\$3,000	\$121,663	2%
Cathedral City	\$0	\$71,212	0%
Cerritos	\$3,974	\$63,590	6%
Chino	\$0	\$112,529	0%
Chino Hills	\$4,937	\$107,862	5%
Claremont	\$0	\$47,273	0%
Coachella	\$0	\$59,191	0%
Colton	\$0	\$69,683	0%
Commerce	\$0	\$12,633	0%
Compton	\$4,317	\$129,540	3%
Corona	\$1,148	\$218,650	1%
Costa Mesa	\$0	\$149,546	0%
County of LA	\$0	\$1,371,201	0%
County of Orange	\$3,122	\$164,414	2%
County of Riverside	\$0	\$491,932	0%
County of San Bernardino	\$19,539	\$312,627	6%
Covina	\$2,270	\$63,564	4%
Cudahy	\$195	\$23,389	1%
Culver City	\$0	\$51,701	0%
Cypress	\$0	\$64,825	0%
Dana Point	\$0	\$44,192	0%
Desert Hot Springs	\$0	\$38,577	0%
Diamond Bar	\$0	\$74,529	0%
Downey	\$5,000	\$148,054	3%
Duarte	\$1,929	\$28,552	7%
Eastvale	\$600	\$84,121	1%
El Monte	\$0	\$152,020	0%
El Segundo	\$0	\$21,770	0%
Fontana	\$13,400	\$355,476	4%
Fountain Valley	\$449	\$73,829	1%
Fullerton	\$1,568	\$180,881	1%
Garden Grove	\$16,867	\$223,308	8%
Gardena	\$3,500	\$79,440	4%
Glendale	\$0	\$266,592	0%
Glendora	\$3,779	\$68,359	6%

<b>Local Government</b>	<b>Administrative Costs</b>	<b>Motor Vehicle Revenues</b>	<b>Admin Costs as % of Revenues</b>
Grand Terrace	\$0	\$16,244	0%
Hawaiian Gardens	\$0	\$19,023	0%
Hawthorne	\$1,660	\$115,142	1%
Hemet	\$0	\$107,871	0%
Hermosa Beach	\$0	\$25,517	0%
Hidden Hills	\$0	\$2,454	0%
Highland	\$3,825	\$71,028	5%
Huntington Beach	\$1,080	\$83,721	1%
Huntington Park	\$0	\$77,140	0%
Indian Wells	\$0	\$7,230	0%
Indio	\$3,204	\$113,989	3%
Inglewood	\$0	\$147,293	0%
Irvine	\$10,191	\$358,216	3%
Irwindale	\$0	\$1,881	0%
Jurupa Valley	\$0	\$137,558	0%
La Canada Flintridge	\$0	\$26,827	0%
La Habra	\$0	\$81,520	0%
La Habra Heights	\$0	\$7,074	0%
La Mirada	\$0	\$64,321	0%
La Palma	\$0	\$20,686	0%
La Puente	\$1,152	\$52,772	2%
La Quinta	\$0	\$53,444	0%
La Verne	\$1,918	\$43,140	4%
Laguna Beach	\$0	\$30,233	0%
Laguna Hills	\$0	\$41,270	0%
Laguna Niguel	\$0	\$84,798	0%
Laguna Woods	\$0	\$21,527	0%
Lake Elsinore	\$0	\$82,188	0%
Lake Forest	\$0	\$110,049	0%
Lakewood	\$0	\$105,294	0%
Lawndale	\$0	\$43,590	0%
Loma Linda	\$1,553	\$31,059	5%
Lomita	\$0	\$26,869	0%
Long Beach	\$552	\$620,722	0%
Los Alamitos	\$0	\$15,387	0%
Los Angeles (City)	\$59,246	\$5,258,794	1%
Lynwood	\$0	\$93,408	0%
Malibu	\$0	\$16,806	0%
Manhattan Beach	\$2,100	\$46,682	4%
Maywood	\$0	\$36,374	0%
Menifee	\$0	\$119,202	0%
Mission Viejo	\$6,628	\$124,501	5%
Monrovia	\$0	\$50,309	0%
Montclair	\$0	\$50,664	0%
Montebello	\$5,121	\$83,436	6%
Monterey Park	\$0	\$80,729	0%
Moreno Valley	\$9,103	\$269,307	3%
Murrieta	\$2,218	\$147,269	2%
Newport Beach	\$0	\$111,720	0%
Norco	\$1,500	\$34,711	4%
Norwalk	\$0	\$139,493	0%
Ontario	\$10,147	\$215,390	5%
Orange (City)	\$4,372	\$184,120	2%
Palm Desert	\$0	\$68,444	0%
Palm Springs	\$3,850	\$61,877	6%
Palos Verdes Estates	\$0	\$17,535	0%
Paramount	\$3,452	\$72,635	5%
Pasadena	\$0	\$187,436	0%
Perris	\$0	\$100,959	0%
Pico Rivera	\$5,264	\$83,349	6%
Placentia	\$0	\$68,426	0%

<b>Local Government</b>	<b>Administrative Costs</b>	<b>Motor Vehicle Revenues</b>	<b>Admin Costs as % of Revenues</b>
Pomona	\$12,711	\$201,935	6%
Rancho Cucamonga	\$1,840	\$229,153	1%
Rancho Mirage	\$0	\$24,304	0%
Rancho Palos Verdes	\$0	\$55,413	0%
Rancho Santa Margarita	\$0	\$63,983	0%
Redlands	\$829	\$92,345	1%
Redondo Beach	\$4,505	\$65,984	7%
Rialto	\$6,190	\$139,000	4%
Riverside (City)	\$2,058	\$421,092	0%
Rolling Hills Estates	\$0	\$10,520	0%
Rosemead	\$0	\$71,685	0%
San Bernardino (City)	\$634	\$286,819	0%
San Clemente	\$0	\$85,013	0%
San Dimas	\$2,238	\$44,758	5%
San Fernando	\$0	\$31,910	0%
San Gabriel	\$0	\$53,076	0%
San Jacinto	\$3,043	\$62,448	5%
San Juan Capistrano	\$0	\$47,679	0%
San Marino	\$0	\$17,215	0%
Santa Ana	\$19,920	\$324,985	6%
Santa Clarita	\$3,164	\$280,929	1%
Santa Fe Springs	\$0	\$29,593	0%
Santa Monica	\$7,491	\$119,869	6%
Seal Beach	\$0	\$33,703	0%
Sierra Madre	\$0	\$13,049	0%
Signal Hill	\$0	\$15,239	0%
South El Monte	\$0	\$27,085	0%
South Gate	\$6,000	\$127,284	5%
South Pasadena	\$0	\$33,784	0%
Stanton	\$2,450	\$51,195	5%
Temecula	\$0	\$146,802	0%
Temple City	\$0	\$47,227	0%
Torrance	\$2,519	\$193,579	1%
Tustin	\$208	\$106,805	0%
Upland	\$6,243	\$99,896	6%
Villa Park	\$484	\$9,676	5%
Walnut	\$0	\$39,505	0%
West Covina	\$6,408	\$140,400	5%
West Hollywood	\$0	\$59,446	0%
Westlake Village	\$0	\$10,841	0%
Westminster	\$7,659	\$122,541	6%
Whittier	\$5,946	\$113,323	5%
Wildomar	\$2,422	\$47,066	5%
Yorba Linda	\$0	\$89,653	0%
Yucaipa	\$0	\$70,886	0%

# Local Government Projects Funded by Category

Fiscal Year 2018 - 2019

Project Category	Project Subcategory	Project Name	Motor Vehicle Expenditures
<b>(1) Alternative Fuels/Electric Vehicles</b>			
(1a) Alternative Fuel Vehicle Purchases			
Alhambra		Purchase of two (2) 2018 Honda Clarity	\$71,158
Aliso Viejo		1 alternative fuel vehicle	\$40,578
Arcadia		Vehicle Replacement - Passenger Car	\$27,579
Azusa		Alternative Fuel Sweeper Leases - Two	\$21,151
Azusa		Lease of Hybrid Pool Vehicle	\$3,882
Baldwin Park		Fleet Leasing Program	\$66,209
Bell		1 UNIT FORD F350 PASSENGER VAN \$ 1 UNIT FORD 350 CREW CAB	\$134,049
Bell		1 UNIT PROPANE FORKLIFT	\$27,808
Bell Gardens		Purchase 3 RAV4 Hybrid for Police Dept	\$90,649
Beverly Hills		CNG STREET SWEEPER	\$250,000
Beverly Hills		CNG SOLID WASTE COLLECTION VEHICLES (2)	\$60,000
Beverly Hills		CNG AERIAL PLATFORM BOOM VEHICLE (1)	\$30,000
Buena Park		Purchase of Hybrid Sedans	\$54,177
Calabasas		Continued lease of City fleet	\$41,125
Carson		ACQUISITION OF ONE (1) PB LOADER TRUCK FOR CITY PUBLIC	\$120,000
Covina		Purchase 4 New 2018 Toyota RAV4 Hybrid Vehicles	\$124,496
Cudahy		Leased Light Duty Trucks	\$16,239
Culver City		Purchase of Eight (8) Front Loader Refuse Trucks	\$54,441
Cypress		Compressed Natural Gas Sewer Cleaning Truck	\$137,171
Duarte		City of Duarte Purchase of Hybrid Vehicle	\$20,146
Fontana		AFV Rebate Program	\$500
Fullerton		Lease of Pool Cars	\$8,731
Garden Grove		Alternative Fuel Vehicle Rebate Program	\$4,000
Gardena		2018 Kia Niro Plug-In Hybrid	\$36,746
Gardena		2019 Honda Insight LX	\$23,135
Gardena		Lease Payments for (2) 2016 Ford Fusion Hybrid	\$13,621
Gardena		Lease payment for (1) 2018 Toyota Avalon Hybrid	\$7,774
Gardena		Lease payments for (1) 2015 Chevrolet Volt	\$7,477
Gardena		Lease payment for (1) 2019 Hyundai Ioniq	\$2,376
Grand Terrace		Hybrid Ford F-250 Truck	\$55,075
Hawaiian Gardens		Transportation Hybrid Vehicle	\$47,076
Hawaiian Gardens		Public Safety Hybrid Vehicle	\$45,820
Hawaiian Gardens		Public Work Flex Fuel Vehicle	\$32,822
Huntington Beach		hybrid vehicle purchase	\$30,784
Huntington Beach		hybrid vehicle purchase	\$30,783
Huntington Park		Hybrid Leased Vehicles	\$18,200
La Habra Heights		Vehicle Replacement	\$25,000
La Mirada		PURCHASE 2 FORD FUSION FOR PUBLIC SAFETY	\$61,318
Laguna Niguel		Hybrid Lease Vehicles	\$25,886
Lakewood		Purchase New Ford F250 Crew Cab CNG Long Bed Truck	\$41,922
Lawndale		2018 Ford F250 Pick-Up	\$39,605
Long Beach		Medium-Duty Incremental Costs-Alt Fueled Vehicles (FMFSIC)	\$165,300
Long Beach		Light-Duty Incremental Costs-Alt Fueled Vehicles (FMFSIC)	\$75,450
Long Beach		Heavy Duty Incremental Costs-Alt Fueled Vehicles (FMFSIC)	\$48,500
Long Beach		CNG Street Sweeper	\$12,000
Los Angeles (City)		#1 Alt Fuel Veh Purch-12 CNG Solid Resources Collection Veh	\$283,919
Los Angeles (City)		1(a) Alt Fuel Veh Purch-12 New CNG Street Sweepers	\$283,919
Menifee		Alternative Fuel Vehicle Purchase	\$226,209
Newport Beach		1 CNG Sewer Cleaner	\$100,000
Norco		One 2019 Hybrid Nissan Rogue	\$28,319
Norwalk		Cleaner Street Sweeping Contract	\$87,564
Norwalk		1 - 2017 Ford Super Duty F-350 DRW	\$73,893
Palos Verdes Estates		2019 Toyota Camry Hybrid SE	\$31,569
Paramount		Purchase of 1 hybrid vehicle	\$48,121



<b>Project Category</b>	<b>Project Subcategory</b>	<b>Project Name</b>	<b>Motor Vehicle Expenditures</b>
Perris		Purchase of One NEW 2019 Toyota Highlander and RAV4	\$79,424
Pico Rivera		2019 F250 CNG Truck Unit#210	\$50,362
Pico Rivera		Lease payments of (6) Hybrid Vehicles (2014 Toyota Prius C)	\$15,571
Pomona		CNG Trash Trucks Lease Payment (22)	\$85,000
Pomona		CNG 2017 Ford F-250 3/4 Ton pickup	\$46,562
Rancho Cucamonga		CNG Ten Wheel Dump Truck	\$219,040
Rancho Cucamonga		Traffic Signal Hybrid Aerial Truck	\$133,804
Rancho Santa Margarita		Toyota Rav4	\$29,308
San Fernando		Ford Truck Purchase	\$42,710
San Gabriel		Toyota Prius	\$27,325
Sierra Madre		Purchase 2016 Chevy Volt	\$20,320
Sierra Madre		Purchase 2017 Chevy Volt	\$19,833
Signal Hill		Vehicle Replacement	\$97,005
Temple City		Lease of 5 Plug-in Hybrid vehicles	\$74,466
West Covina		Alternative-Fueled Vehicles Purchase	\$176,592
Yorba Linda		Alternative Vehicle Program	\$86,304
		<b>Subcategory Total</b>	<b>\$4,617,896</b>
	(1b) Alternative Fuel Vehicle Conversions		
Rancho Cucamonga		L9N 320 HO Natural Gas Engine	\$72,006
		<b>Subcategory Total</b>	<b>\$72,006</b>
	(1c) Alternative Fuel Infrastructure (refueling, etc.)		
Baldwin Park		Compressed Natural Gas Fueling Station	\$9,949
Jurupa Valley		Fuel	\$8,749
Lakewood		CNG Fuel Tank Upgrade	\$7,838
Los Angeles (City)		BOE Alt Fuel Infrastructure Eng Design & Tech Support	\$101,638
Monterey Park		CNG Station Compression Services Tariff (CST) Agreement	\$71,200
Ontario		Compressed Natural Gas - Slow Fill Posts	\$32,037
San Dimas		Fueling Software Upgrade	\$18,673
		<b>Subcategory Total</b>	<b>\$250,083</b>
	(1d) Electric Vehicle Purchases		
Chino Hills		Purchase of 2 Chevy EV Bolt	\$77,209
Colton		Zero Emission Truck	\$105,146
County of Orange		Electric Forklift Replacement Program Purchase 1 Unit	\$47,182
County of Orange		Electric Forklift Replacement Program Purchase 1 Unit	\$46,038
County of Orange		Electric Forklift Replacement Program Purchase 1 Unit	\$43,881
County of Orange		Electric Forklift Replacement Program Purchase 1 Unit	\$43,350
Cudahy		Neighborhood Electric Vehicle	\$58,875
Culver City		Purchase of One (1) Nissan Leaf for Culver CityBus	\$1,130
Diamond Bar		Ford Fusion EV Purchase	\$34,473
Diamond Bar		Electric Work Truck Purchase	\$19,819
Eastvale		Purchase of (2) 2019 Nissan Leaf SV EL	\$51,477
El Segundo		Purchased 1 Nissan Leaf	\$28,797
Fontana		AFV Rebate Program	\$500
Fountain Valley		Purchase 3 Electric Vehicles	\$106,815
Garden Grove		Alternative Fuel Vehicle Rebate Program	\$17,500
Gardena		Lease payment for (1) 2019 Tesla Model 3	\$3,680
Hermosa Beach		Electric Car	\$38,531
Indio		Electric Vehicle Purchase	\$15,000
La Habra Heights		Electric Club Car	\$10,800
Lomita		lease of alternative fuel vehicle to replace gas vehicle	\$4,120
Lynwood		Electric Cargo Van Purchase (MSRC)	\$113,096
Manhattan Beach		Fleet Replacement to Electric Vehicles	\$158,107
Orange (City)		Electric Motor Vehicle Replacement	\$72,166
Orange (City)		Public Works Electric Vehicle Initiative	\$26,195
Placentia		Placentia's Electric Vehicle Fleet Project: 10 Chevy Sparks	\$50,620
Riverside (City)		Electric Vehicle Rebate Program	\$5,500
San Fernando		Electric Vehicle Purchase	\$24,177
Santa Ana		Electric Vehicle Purchase	\$148,664
South Gate		2019 Chevy Bolts for Public Works	\$193,290

<b>Project Category</b>	<b>Project Subcategory</b>	<b>Project Name</b>	<b>Motor Vehicle Expenditures</b>
South Gate		John Deer Gator for Parks and Recreation Department	\$26,195
		<b>Subcategory Total</b>	<b>\$1,572,333</b>
	(1f) Electric Veh Infrastructure		
Artesia		Electric Vehicle Charging Station	\$11,027
El Monte		Alternative Fuels/Electric Vehicles	\$9,597
Fountain Valley		7 Electric Vehicle Charging Stations	\$141,374
Gardena		Electric Vehicle Charging Station	\$4,419
Hidden Hills		Electric Vehicle Charging Stations	\$33,537
Highland		Electric Vehicle Charging Stations EVC 19001	\$36,183
Long Beach		Solar Powered EV Chargers	\$152,052
Los Angeles (City)		LADOT/St Lighting Installation of EV Chargers Citywide	\$957,869
Murrieta		EV CHARGER STATIONS (CIP10036)	\$6,867
Newport Beach		Installing Electric Vehicle Charging Stations	\$20,740
Palm Desert		ChargePoint Network Service	\$4,480
Pico Rivera		City Hall Electric Vehicle Charging Stations (EVCS)	\$33,553
San Dimas		Electrical Charging Station	\$24,796
Santa Ana		Installation of EV Charging Stations	\$21,245
Santa Clarita		EV Charging Stations (R0022)	\$206,596
Santa Monica		EV Infrastructure Installation	\$29,850
Signal Hill		90.18007 Installation of EV Charging Stations	\$16,553
Temecula		Electric Vehicle Charging Stations	\$47,000
West Covina		Electric Vehicle Charging Stations	\$16,780
Westminster		Electric Vehicle Charging Station	\$100,732
Yorba Linda		EV Charging infrastructure program	\$11,035
		<b>Subcategory Total</b>	<b>\$1,886,285</b>
	(1h) Alternative Fuel Vehicle Research & Development		
Malibu		Electric Vehicle Charging Stations (Design)	\$1,720
		<b>Subcategory Total</b>	<b>\$1,720</b>
		<b>Category Total</b>	<b>\$8,400,323</b>
<b>(3) Land Use</b>			
	(3a) Plan Elements		
Bell Gardens		SR-91/I-604/I-405 "Hot Spots" Gateway Project	\$13,000
Bell Gardens		Gateway Cities COG-I-710 Major Corridor Study	\$10,000
Hawaiian Gardens		Gateway Cities Strategic Transportation Plan	\$6,825
Los Angeles (City)		Land Use--LADOT Complete Streets	\$313,464
Lynwood		Gateway Cities COG	\$12,500
Mission Viejo		Land Use & Transportation VMT Reduction: FY 18/19	\$23,813
Pico Rivera		Development of Strategic Transportation Plans	\$11,025
Santa Ana		General Plan Update & Land Use	\$78,691
Santa Ana		General Plan Circulation Element	\$14,050
Whittier		Dev. Gateway COG Strategic Transportation Plan	\$15,497
		<b>Subcategory Total</b>	<b>\$498,864</b>
	(3b) Development Guidelines		
Lakewood		91/605/405 COG Major Corridor Study	\$10,000
		<b>Subcategory Total</b>	<b>\$10,000</b>
	(3c) Facilities (Pedestrian, mixed use, etc.)		
Fontana		Sierra @ Metrolink RR Crossing	\$7,467
Fontana		Juniper @ Metrolink RR crossing	\$6,491
Yucaipa		Acacia Ave, YPAC Street Improvements	\$44,286
Yucaipa		12th & 13th, Avenue E to Oak Glen Road	\$1,637
		<b>Subcategory Total</b>	<b>\$59,881</b>
	(3d) Land Use Research		
Santa Ana		TOD Parking Guidelines	\$22,659
Santa Ana		Metro Mixed Use Overlay District Air & GHG	\$7,834
Santa Clarita		Regional Transit Center Design (T3021)	\$1,635
Signal Hill		I-710 Corridor EIR/EIS Report	\$1,000
		<b>Subcategory Total</b>	<b>\$33,128</b>
		<b>Category Total</b>	<b>\$601,873</b>

<b>Project Category</b>	<b>Project Subcategory</b>	<b>Project Name</b>	<b>Motor Vehicle Expenditures</b>
<b>(4) Public Transportation (Transit &amp; Rail)</b>			
(4a) Public Transportation Facilities (multi-modal, shelters)			
Irvine		Bus stop/shelter signs and schedule holders	\$6,681
Los Angeles (City)		APP-Based On-Demand Door-to-Door Shuttle Service	\$186,287
<b>Subcategory Total</b>			<b>\$192,968</b>
(4c) Transit Operations (new service, shuttles, fuel subsidies)			
Huntington Beach		Major Event Shuttle Program	\$25,046
La Habra		Shuttle to Transport Seniors	\$81,139
Mission Viejo		Mission Viejo (MV) Shuttle: FY18/19	\$73,941
Placentia		Senior Mobility Program	\$11,321
Rancho Palos Verdes		Route 225 Extension (Year3 of 3)	\$50,000
San Clemente		San Clemente Summer Trolley	\$66,152
San Juan Capistrano		Trolley Program	\$55,698
San Juan Capistrano		Sr. Nutritional Transportation Program	\$12,618
Seal Beach		Senior Transportation Nutrition Shuttle	\$33,840
<b>Subcategory Total</b>			<b>\$409,754</b>
(4d) Passenger Fare Subsidies			
Anaheim		Metrolink OCTA Subsidies	\$115,615
Azusa		Transit Pass Subsidy	\$1,008
Claremont		Public Transportation Reimbursement	\$2,400
Compton		Bus Pass Subsidies	\$37,928
Corona		Corona Cruiser Fare Subsidy	\$11,309
Covina		Commuter Choice	\$1,098
Garden Grove		Transit Subsidy (Metrolink & Bus)	\$2,985
Glendale		Transit Fare Subsidy	\$56,166
Laguna Beach		Free Main Line Service During the Summer	\$24,842
Monrovia		Bus Services	\$36,792
Norwalk		Transit Subsidy	\$13,408
Riverside (City)		Riverside Go Transit Bus Pass Subsidy Program	\$121,894
Riverside (City)		City Pass Program	\$21,243
Santa Fe Springs		GO RIO (2018-2019)	\$2,062
Santa Fe Springs		GO RIO (2017-2018)	\$2,062
Santa Fe Springs		GO RIO (2016-2017)	\$2,062
South El Monte		Bus Subsidy Program	\$6,583
South Pasadena		Free Ride to Work Bus Pass Program	\$20,461
Walnut		Bus Pass Subsidies	\$7,320
Whittier		GO RIO Whittier College bus pass program	\$9,268
<b>Subcategory Total</b>			<b>\$496,507</b>
<b>Category Total</b>			<b>\$1,099,229</b>
<b>(5) Traffic Management</b>			
(5a) Traffic Calming			
Long Beach		Market St Pedestrian Improvements & Streetscape Enhancement	\$71,317
Long Beach		Atlantic Ave Streetscape Improvements	\$21,877
Long Beach		15th Street Traffic Calming (PWT010-23)	\$18,613
Long Beach		6th Street Traffic Calming (PWT010-17)	\$9,055
Long Beach		Citywide 8 to 80 Connections	\$427
<b>Subcategory Total</b>			<b>\$121,289</b>
(5b) Traffic Flow or Signalization (timing, surveillance)			
Anaheim		Citywide Traffic Signal Synchronization	\$61,996
Costa Mesa		Fairview Road Traffic Signal Synchronization Project	\$75,916
Costa Mesa		Sunflower Avenue Traffic Signal Synchronization Project	\$24,331
Costa Mesa		Bear Street Traffic Signal Synchronization Project	\$9,976
Highland		Traffic Signal Synchronization	\$63,873
Laguna Niguel		Traffic Signal Coordination	\$21,910
Lake Forest		Prof Serv-Traffic Engineer for Traffic Signal Monitoring	\$31,820
Lake Forest		Barranca/Muirlands Traffic Signal Synchronization	\$26,594
Lake Forest		Alton Parkway Traffic Signal Synchronization	\$22,402
Lake Forest		El Toro Rd Traffic Signal Synchronization	\$21,771
Lake Forest		Signal Maintenance Centracs Software	\$6,922

<b>Project Category</b>	<b>Project Subcategory</b>	<b>Project Name</b>	<b>Motor Vehicle Expenditures</b>
Lake Forest		Bake Parkway Traffic Signal Synchronization	\$218
Loma Linda		Fiber Optic Cable Install - Traffic Signal Coordination	\$9,145
Los Angeles (City)		11. San Fernando Road from Fox St to Hollywood Wy	\$164,257
Los Angeles (City)		9. Louise Av from Rinaldi St to Ventura Bl	\$99,668
Los Angeles (City)		Transportation Initiatives Through Traffic Intelligence	\$84,000
Los Angeles (City)		6. 1st Street from Main St to Indiana St	\$33,099
Los Angeles (City)		8. Hooper Av from Slauson Av to Olympic Bl	\$29,303
Los Angeles (City)		2. Martin Luther King Bl from Normandie Av to Crenshaw Bl	\$20,779
Los Angeles (City)		4. Van Ness Av from Slauson to Manchester	\$19,790
Los Angeles (City)		5. York Bl from San Pascual to Armadale Av	\$19,790
Los Angeles (City)		10. Front St / Harbor Bl from Pacific Av to 7th St	\$12,863
Los Angeles (City)		7. 14th Street from San Pedro to Wilson	\$12,312
Los Angeles (City)		1. Griffin Av from Mission Rd to Ave 28	\$10,884
Los Angeles (City)		3. La Tijera Bl from La Cienega to 74th	\$7,916
Mission Viejo		City of Mission Viejo Traffic Signal Synchronization:FY18-19	\$53,314
Moreno Valley		Traffic Signal Coordination Program	\$14,297
Murrieta		TRAFFIC OPTIMIZATION (CIP 8330)	\$76,150
Placentia		Chapman-Malvern Regional Traffic Signal Synchronization	\$3,513
Rancho Cucamonga		FWY/Arterial Synchronization Project	\$49,760
Rancho Santa Margarita		Antonio Pkwy Signal & Equip. Upgrade	\$17,056
Riverside (City)		Riverside Traffic Management Center	\$29,030
Santa Clarita		Signal Synchronization Phase V Project C0048	\$152,682
Santa Clarita		Signal Synchronization Phase IV Project I0009 Part 2	\$96,538
		<b>Subcategory Total</b>	<b>\$1,383,873</b>
	(5c) Alternate Mode Signalization (transit/bike pre-emption)		
Costa Mesa		Install Bicycle Signal on Placentia Ave	\$6,381
Diamond Bar		Traffic Signal Infrastructure Upgrades Phase 3 (PJ#24018)	\$49,265
Pomona		Traffic Operations Communication Upgrade	\$21,484
Pomona		Traffic Signal and Street Light Program	\$4,762
Pomona		Traffic Signal System Improvements - Citywide	\$257
		<b>Subcategory Total</b>	<b>\$82,149</b>
	(5d) Traffic Management Research and Dev		
Diamond Bar		Neighborhood Traffic Management	\$10,090
Huntington Beach		traffic counts	\$1,965
Los Angeles (City)		Traffic Calming Studies and Implementation	\$100,309
		<b>Subcategory Total</b>	<b>\$112,364</b>
		<b>Category Total</b>	<b>\$1,699,676</b>
<b>(6) Transportation Demand Management</b>			
	(6a) Employer-Based Trip Reduction		
Anaheim		TRIP REDUCTION	\$70,084
Arcadia		Rideshare Plus Program	\$20,154
Azusa		Rideshare Financial Incentives	\$9,097
Baldwin Park		Employer Trip Reduction Incentive Program	\$1,665
Bell Gardens		Employee Rideshare Subsidies	\$3,815
Buena Park		Employer Trip Reduction Program	\$9,809
Burbank		Employee Transit Subsidies	\$53,044
Burbank		Employee Rideshare Subsidies	\$36,745
Carson		EMPLOYEE CARPOOL PROGRAM	\$7,285
Cerritos		City Employee Rideshare Trip Rebate Program	\$30,485
Commerce		Employer Based Trip Reduction	\$12,633
County of LA		Employee Commute Reduction Program	\$521,130
County of Orange		Employee Rideshare Program	\$35,000
County of Riverside		Commuter Service Rideshare Program	\$147,206
County of San Bernardino		Employee Commute Reduction Program	\$430,899
Downey		Downey Employee "Thumbs Up" Commuting Program	\$123,196
El Monte		Monthly Rideshare Incentive	\$42,712
Fontana		Employee Rideshare Program	\$12,709
Garden Grove		TDM Services	\$33,887
Glendale		Employer Based Trip Reduction Program	\$97,500

<b>Project Category</b>	<b>Project Subcategory</b>	<b>Project Name</b>	<b>Motor Vehicle Expenditures</b>
Glendora		Alternative Commute Program	\$10,321
Hawthorne		Financial Incentive for Rideshare	\$2,450
Hermosa Beach		Auto Trip Reduction	\$4,620
Huntington Beach		Employee Rideshare	\$16,951
La Verne		Bike, Carpool, Walk, Incentive Program	\$9,965
Los Angeles (City)		Employer's Transit Subsidy Program	\$700,344
Los Angeles (City)		Employer's Carpool Transit Incentive Program	\$148,779
Los Angeles (City)		Employer's Walk Incentive Program	\$15,140
Los Angeles (City)		Bicycle Transit Incentive Program	\$8,411
Monrovia		Rideshare Program Raffle	\$1,650
Montebello		Employee Commute Reduction Program	\$21,285
Monterey Park		Employee Rideshare Program	\$16,000
Newport Beach		Employee Rideshare Program	\$3,339
Ontario		Rideshare	\$26,390
Orange (City)		Trip Reduction Program	\$92,162
Palm Desert		City Rideshare Program	\$885
Pasadena		Rideshare program	\$113,323
Rancho Cucamonga		Rideshare Program	\$15,227
Redondo Beach		Employee Rideshare	\$55,579
Rialto		Employee Rideshare Program	\$50,673
Riverside (City)		Employee Rideshare Program	\$1,200
San Bernardino (City)		Rideshare Program	\$12,688
Santa Ana		Blue Skies Rideshare	\$63,325
Santa Clarita		Rideshare passes	\$1,408
Stanton		Commute Incentive Program	\$265
Torrance		Employee Rideshare	\$148,826
Upland		Rideshare Activities	\$8,748
West Hollywood		Alternative Mode Transportation Incentive	\$23,321
Westminster		Employee Rideshare Program	\$7,961
Whittier		Employee-Based Trip Reduction	\$5,167
		<b>Subcategory Total</b>	<b>\$3,285,456</b>
	(6b) Other Trip Reduction Incentive Programs		
Laguna Beach		Free Ride to Work Bus Pass Program	\$1,691
Los Angeles (City)		Carshare and Bikeshare Professional Services	\$50,967
		<b>Subcategory Total</b>	<b>\$52,658</b>
	(6c) Vanpool Programs		
Anaheim		Vanpool	\$111,682
County of San Bernardino		Vanpool Subsidy Program	\$22,797
Garden Grove		Vanpool Program Conventional Gas	\$69,151
Los Angeles (City)		Employer's Vanpool Program	\$132,518
		<b>Subcategory Total</b>	<b>\$336,147</b>
	(6d) Park and Ride Lots (for carpools, transit)		
Irvine		Security Service Provided by Irvine PS at Train Station	\$179,421
		<b>Subcategory Total</b>	<b>\$179,421</b>
	(6e) Telecommunication		
South Pasadena		Laptop for Telecommunication	\$2,395
Whittier		Web-based software upgrade	\$10,000
		<b>Subcategory Total</b>	<b>\$12,395</b>
	(6f) Transportation Management Agencies/Organizations		
Glendale		Transportation Management Agency Services	\$8,111
Irvine		Irvine Spectrum TMA	\$4,019
Los Angeles (City)		LADOT Trip Reduction Program Implementation	\$295,551
		<b>Subcategory Total</b>	<b>\$307,681</b>
		<b>Category Total</b>	<b>\$4,173,758</b>
<b>(8) Bicycles</b>			
	(8a) Bicycle Lanes and Trails (also bridges)		
Calimesa		County Line Road Transportation Corridor Improvement Project	\$50,000
Fontana		Alder-Locust-Ramona SRTS	\$37,173
Fullerton		East Wilshire Bike Boulevard	\$265,907

<b>Project Category</b>	<b>Project Subcategory</b>	<b>Project Name</b>	<b>Motor Vehicle Expenditures</b>
Irvine	Infrastructure and Amenity Improvements for Bike Lanes		\$87,130
Long Beach	3rd & Broadway Cycle Track		\$344,867
Long Beach	Willow St Bike Path Gap Closure		\$162,816
Long Beach	Pier J Bicycle Path		\$8,816
Rancho Cucamonga	PE Trail Enhancements		\$384,093
		<b>Subcategory Total</b>	<b>\$1,340,802</b>
	(8b) Other Bicycle Facilities (racks, lockers, loop detectors)		
Bell Gardens	Bike Rack Repair		\$893
		<b>Subcategory Total</b>	<b>\$893</b>
	(8c) Bicycle Usage (electric bikes, purchases, loaner projects)		
Garden Grove	Bicycle Purchase Loan Program		\$1,000
Glendora	Purchase of New Bikes		\$1,197
Long Beach	Bike Share (PWT010-35)		\$64,103
Orange (City)	Police Bike Team		\$8,370
Perris	Purchase of Electric Bikes		\$28,520
Riverside (City)	Bike Riverside		\$69,638
		<b>Subcategory Total</b>	<b>\$172,828</b>
	(8d) Bicycle Research and Dev (engineering studies)		
Garden Grove	Bicycle Corridor Improvement Project		\$4,885
		<b>Subcategory Total</b>	<b>\$4,885</b>
		<b>Category Total</b>	<b>\$1,519,409</b>
<b>(9) PM Reduction Strategies</b>			
	(9a) Road Dust Control (paving roads, shoulders, street sweeping)		
Cathedral City	Regional PM10 Street Sweeping Program Using 2 Sweepers		\$53,300
Coachella	Regional PM10 Street Sweeping Program Using 2 Sweepers		\$44,393
County of Riverside	Regional PM10 Street Sweeping Program Using 2 Sweepers		\$49,982
Desert Hot Springs	Regional PM 10 Street Sweeping Program		\$28,933
El Monte	Regional PM10 Street Sweeper Contract (2 Vehicles)		\$26,754
Hawthorne	RM 10 reduction street sweeping project		\$100,087
Indian Wells	Regional PM10 Street Sweeping Program Using 2 Sweepers		\$5,422
Indio	Regional PM10 Street Sweeping Program Using 2 Sweepers		\$107,398
La Quinta	Regional PM10 Street Sweeping Program Using 2 Sweepers		\$40,083
Loma Linda	City Street Sweeping		\$22,607
Lomita	Leasing alternative fuel street sweepers		\$15,000
Moreno Valley	Street Sweeping Program		\$196,242
Palm Desert	Regional PM10 Street Sweeping Program Using 2 Sweepers		\$51,333
Palm Springs	Regional PM 10 Stret Sweeping Program Using 2 Sweepers		\$46,408
Rancho Mirage	Regional PM10 Street Sweeping Program Using 2 Sweepers		\$18,228
Walnut	Street Sweeping with CNG Sweeper		\$30,000
		<b>Subcategory Total</b>	<b>\$836,172</b>
		<b>Category Total</b>	<b>\$836,172</b>
<b>(10) Public Education</b>			
	(10a) Short Term PE (promote transit, rideshare; conferences)		
Anaheim	Rideshare Outreach		\$11,451
Claremont	CicLAVia & Educational Materials		\$4,061
County of Riverside	WRCOG Clean Cities Coalition Program		\$25,000
Monrovia	Public Education: Website and Supplies		\$14,129
Riverside (City)	Clean Cities Coalition		\$25,000
Santa Clarita	Bike to Work Day Event Promotional Costs		\$4,243
Santa Clarita	Rideshare Week Promotional Costs		\$2,650
Santa Monica	Public Education		\$10,000
		<b>Subcategory Total</b>	<b>\$96,533</b>
	(10b) Long Term PE (curriculum, video, brochures, bilingual)		
Long Beach	Bike Planning & Promotion (PWT010-06)		\$23,426
Long Beach	Livability Initiatives		\$6,350
Monrovia	Capital Outlay: GoMonrovia		\$1,100
		<b>Subcategory Total</b>	<b>\$30,876</b>
		<b>Category Total</b>	<b>\$127,409</b>

<b>Project Category</b>	<b>Project Subcategory</b>	<b>Project Name</b>	<b>Motor Vehicle Expenditures</b>
<b>(11) Miscellaneous Projects</b>			
(11a) Miscellaneous (use with "Miscellaneous Projects" Category)			
Alhambra		Rule 2202	\$23,368
Banning		WRCOG Clean Cities Coalition	\$3,000
Calimesa		CLEAN CITIES COALITION	\$3,000
Chino		Vehicle Emission Credits Purchased	\$5,055
Chino		Emission Credit Filing Fee	\$569
Corona		Western Riverside Council of Gov. Clean Cities Coalition	\$6,000
County of Riverside		Purchase of Mobile Source Emission Reduction Credits	\$186,542
County of Riverside		Rule 2202 Multisite Cluster Registration	\$7,504
County of Riverside		Audit of AB2766 Revenue and Expense	\$7,370
Downey		2019 Audit	\$1,910
Eastvale		WRCOG FY18-19 Clean Cities Coalition	\$6,000
Fullerton		Rule 2202 Emission Credits	\$16,845
Gardena		Gardena Rule 2202 Compliance	\$1,070
Hemet		WRCOG Clean Cities Coalition	\$5,000
Inglewood		Rule 2202 MSERC's	\$6,710
Inglewood		AQMD Audit Fees	\$5,400
Irvine		Purchase Rule 2202 Credits	\$7,569
Long Beach		E-Scooter Pilot Program	\$2,545
Long Beach		Rule 2202 Compliance	\$2,120
Los Angeles (City)		Deployment of EV Charging Stations at Citywide Locations	\$61,949
Los Angeles (City)		Annual AB2766 Audit	\$12,456
Mission Viejo		City of Mission Viejo AB 2766 FY17/18 Audit	\$1,340
Moreno Valley		WRCOG - Clean Cities Coalition	\$15,000
Norwalk		Ab 2766 Audit Expenses	\$2,810
Pomona		Purchase of Emission Credits	\$3,900
Riverside (City)		ProjectDox	\$38,226
Riverside (City)		AQMD Rule 2202 Compliance	\$17,562
San Fernando		CNG Station Upgrade Project	\$16,407
San Jacinto		WRCOG Clean Cities Coalition	\$6,000
San Juan Capistrano		Horse Mounted Patrols	\$4,012
Santa Clarita		Audit Expenses	\$2,000
Temecula		Clean Cities Coalition	\$10,000
West Covina		Rule 2202 Compliance	\$8,802
West Covina		AQMD 2766 Annual Audit Fee	\$1,540
Whittier		Rule 2202 Compliance - Emission Credits Purchased	\$3,300
Whittier		Rule 2202 Filing Fee	\$589
		<b>Subcategory Total</b>	<b>\$503,469</b>
		<b>Category Total</b>	<b>\$503,469</b>
		<b>GRAND TOTAL:</b>	<b>\$18,961,319</b>

## Percent of Project Expenditures by Project Category

Fiscal Year 2018 - 2019

Project Category	Project Expenditures	Percent of Total Project Expenditures	Number of Projects
(1) Alternative Fuels/Electric Vehicles	\$8,400,323	44%	130
(6) Transportation Demand Management	\$4,173,758	22%	62
(5) Traffic Management	\$1,699,676	9%	47
(8) Bicycles	\$1,519,409	8%	16
(4) Public Transportation (Transit & Rail)	\$1,099,229	6%	31
(9) PM Reduction Strategies	\$836,172	4%	16
(3) Land Use	\$601,873	3%	19
(11) Miscellaneous Projects	\$503,469	3%	36
(10) Public Education	\$127,409	1%	11
	<b>\$18,961,319</b>	<b>100%</b>	<b>368</b>



## Summary of Spending by Project SubCategory

Fiscal Year 2018 - 2019

Subcategory	Category	Expenditures by Subcategory	Number of Projects
<b>(1) Alternative Fuels/Electric Vehicles</b>			
(1a)	Alternative Fuel Vehicle Purchases	\$4,617,896	70
(1b)	Alternative Fuel Vehicle Conversions	\$72,006	1
(1c)	Alternative Fuel Infrastructure (refueling, etc.)	\$250,083	7
(1d)	Electric Vehicle Purchases	\$1,572,333	30
(1f)	Electric Veh Infrastructure	\$1,886,285	21
(1h)	Alternative Fuel Vehicle Research & Development	\$1,720	1
<b>(3) Land Use</b>			
(3a)	Plan Elements	\$498,864	10
(3b)	Development Guidelines	\$10,000	1
(3c)	Facilities (Pedestrian, mixed use, etc.)	\$59,881	4
(3d)	Land Use Research	\$33,128	4
<b>(4) Public Transportation (Transit &amp; Rail)</b>			
(4a)	Public Transportation Facilities (multi-modal, shelters)	\$192,968	2
(4c)	Transit Operations (new service, shuttles, fuel subsidies)	\$409,754	9
(4d)	Passenger Fare Subsidies	\$496,507	20
<b>(5) Traffic Management</b>			
(5a)	Traffic Calming	\$121,289	5
(5b)	Traffic Flow or Signalization (timing, surveillance)	\$1,383,873	34
(5c)	Alternate Mode Signalization (transit/bike pre-emption)	\$82,149	5
(5d)	Traffic Management Research and Dev	\$112,364	3
<b>(6) Transportation Demand Management</b>			
(6a)	Employer-Based Trip Reduction	\$3,285,456	50
(6b)	Other Trip Reduction Incentive Programs	\$52,658	2
(6c)	Vanpool Programs	\$336,147	4
(6d)	Park and Ride Lots (for carpools, transit)	\$179,421	1
(6e)	Telecommunication	\$12,395	2
(6f)	Transportation Management Agencies/Organizations	\$307,681	3
<b>(8) Bicycles</b>			
(8a)	Bicycle Lanes and Trails (also bridges)	\$1,340,802	8
(8b)	Other Bicycle Facilities (racks, lockers, loop detectors)	\$893	1
(8c)	Bicycle Usage (electric bikes, purchases, loaner projects)	\$172,828	6
(8d)	Bicycle Research and Dev (engineering studies)	\$4,885	1
<b>(9) PM Reduction Strategies</b>			
(9a)	Road Dust Control (paving roads, shoulders, street	\$836,172	16
<b>(10) Public Education</b>			
(10a)	Short Term PE (promote transit, rideshare; conferences)	\$96,533	8
(10b)	Long Term PE (curriculum, video, brochures, bilingual)	\$30,876	3
<b>(11) Miscellaneous Projects</b>			
(11a)	Miscellaneous (use with "Miscellaneous Projects")	\$503,469	36
<b>Grand Total</b>		<b>\$18,961,319</b>	<b>368</b>

## Project Funding Sources

Fiscal Year 2018 - 2019

Project Name	MVFees	MSRC	CMAQ	Moyer	CoFunding
<b>Alhambra</b>					
Purchase of two (2) 2018 Honda Clarity	\$71,158	\$0	\$0	\$0	\$0
Rule 2202	\$23,368	\$0	\$0	\$0	\$0
<b>Aliso Viejo</b>					
1 alternative fuel vehicle	\$40,578	\$0	\$0	\$0	\$0
<b>Anaheim</b>					
Citywide Traffic Signal Synchronization	\$61,996	\$0	\$0	\$0	\$8,103
Metrolink OCTA Subsidies	\$115,615	\$0	\$0	\$0	\$25,809
Rideshare Outreach	\$11,451	\$0	\$0	\$0	\$1,599
TRIP REDUCTION	\$70,084	\$0	\$0	\$0	\$9,220
Vanpool	\$111,682	\$0	\$0	\$0	\$23,127
<b>Arcadia</b>					
Rideshare Plus Program	\$20,154	\$0	\$0	\$0	\$0
Vehicle Replacement - Passenger Car	\$27,579	\$0	\$0	\$0	\$0
<b>Artesia</b>					
Electric Vehicle Charging Station	\$11,027	\$0	\$0	\$0	\$0
<b>Azusa</b>					
Alternative Fuel Sweeper Leases - Two	\$21,151	\$0	\$0	\$0	\$7,051
Lease of Hybrid Pool Vehicle	\$3,882	\$0	\$0	\$0	\$0
Rideshare Financial Incentives	\$9,097	\$0	\$0	\$0	\$0
Transit Pass Subsidy	\$1,008	\$0	\$0	\$0	\$2,037
<b>Baldwin Park</b>					
Compressed Natural Gas Fueling Station	\$9,949	\$0	\$0	\$0	\$0
Employer Trip Reduction Incentive Program	\$1,665	\$0	\$0	\$0	\$0
Fleet Leasing Program	\$66,209	\$0	\$0	\$0	\$0
<b>Banning</b>					
WRCOG Clean Cities Coalition	\$3,000	\$0	\$0	\$0	\$0
<b>Bell</b>					
1 UNIT FORD F350 PASSENGER VAN \$ 1 UNIT FORD 350 CREW CAB	\$134,049	\$0	\$0	\$0	\$0
1 UNIT PROPANE FORKLIFT	\$27,808	\$0	\$0	\$0	\$0

<b>Project Name</b>	<b>MVFees</b>	<b>MSRC</b>	<b>CMAQ</b>	<b>Moyer</b>	<b>CoFunding</b>
<b>Bell Gardens</b>					
Bike Rack Repair	\$893	\$0	\$0	\$0	\$0
Employee Rideshare Subsidies	\$3,815	\$0	\$0	\$0	\$0
Gateway Cities COG-I-710 Major Corridor Study	\$10,000	\$0	\$0	\$0	\$0
Purchase 3 RAV4 Hybrid for Police Dept	\$90,649	\$0	\$0	\$0	\$0
SR-91/I-604/I-405 "Hot Spots" Gateway Project	\$13,000	\$0	\$0	\$0	\$0
<b>Beverly Hills</b>					
CNG AERIAL PLATFORM BOOM VEHICLE (1)	\$30,000	\$30,000	\$0	\$0	\$119,822
CNG SOLID WASTE COLLECTION VEHICLES (2)	\$60,000	\$60,000	\$0	\$0	\$538,374
CNG STREET SWEEPER	\$250,000	\$0	\$0	\$0	\$124,420
<b>Buena Park</b>					
Employer Trip Reduction Program	\$9,809	\$0	\$0	\$0	\$0
Purchase of Hybrid Sedans	\$54,177	\$0	\$0	\$0	\$0
<b>Burbank</b>					
Employee Rideshare Subsidies	\$36,745	\$0	\$0	\$0	\$0
Employee Transit Subsidies	\$53,044	\$0	\$0	\$0	\$0
<b>Calabasas</b>					
Continued lease of City fleet	\$41,125	\$0	\$0	\$0	\$0
<b>Calimesa</b>					
CLEAN CITIES COALITION	\$3,000	\$0	\$0	\$0	\$0
County Line Road Transportation Corridor Improvement Project	\$50,000	\$0	\$0	\$0	\$0
<b>Carson</b>					
ACQUISITION OF ONE (1) PB LOADER TRUCK FOR CITY PUBLIC EMPLOYEE CARPOOL PROGRAM	\$120,000	\$0	\$0	\$0	\$233,201
	\$7,285	\$0	\$0	\$0	\$0
<b>Cathedral City</b>					
Regional PM10 Street Sweeping Program Using 2 Sweepers	\$53,300	\$0	\$0	\$0	\$0
<b>Cerritos</b>					
City Employee Rideshare Trip Rebate Program	\$30,485	\$0	\$0	\$0	\$0
<b>Chino</b>					
Emission Credit Filing Fee	\$569	\$0	\$0	\$0	\$0
Vehicle Emission Credits Purchased	\$5,055	\$0	\$0	\$0	\$0
<b>Chino Hills</b>					
Purchase of 2 Chevy EV Bolt	\$77,209	\$0	\$0	\$0	\$0

<b>Project Name</b>	<b>MVFees</b>	<b>MSRC</b>	<b>CMAQ</b>	<b>Moyer</b>	<b>CoFunding</b>
<b>Claremont</b>					
CicLAvia & Educational Materials	\$4,061	\$0	\$0	\$0	\$0
Public Transportation Reimbursement	\$2,400	\$0	\$0	\$0	\$0
<b>Coachella</b>					
Regional PM10 Street Sweeping Program Using 2 Sweepers	\$44,393	\$0	\$0	\$0	\$0
<b>Colton</b>					
Zero Emission Truck	\$105,146	\$35,667	\$0	\$0	\$0
<b>Commerce</b>					
Employer Based Trip Reduction	\$12,633	\$0	\$0	\$0	\$0
<b>Compton</b>					
Bus Pass Subsidies	\$37,928	\$0	\$0	\$0	\$0
<b>Corona</b>					
Corona Cruiser Fare Subsidy	\$11,309	\$0	\$0	\$0	\$0
Western Riverside Council of Gov. Clean Cities Coalition	\$6,000	\$0	\$0	\$0	\$0
<b>Costa Mesa</b>					
Bear Street Traffic Signal Synchronization Project	\$9,976	\$0	\$0	\$0	\$0
Fairview Road Traffic Signal Synchronization Project	\$75,916	\$0	\$0	\$0	\$0
Install Bicycle Signal on Placentia Ave	\$6,381	\$0	\$0	\$0	\$0
Sunflower Avenue Traffic Signal Synchronization Project	\$24,331	\$0	\$0	\$0	\$0
<b>County of LA</b>					
Employee Commute Reduction Program	\$521,130	\$0	\$0	\$0	\$0
<b>County of Orange</b>					
Electric Forklift Replacement Program Purchase 1 Unit	\$43,881	\$0	\$0	\$0	\$0
Electric Forklift Replacement Program Purchase 1 Unit	\$43,350	\$0	\$0	\$0	\$0
Electric Forklift Replacement Program Purchase 1 Unit	\$46,038	\$0	\$0	\$0	\$0
Electric Forklift Replacement Program Purchase 1 Unit	\$47,182	\$0	\$0	\$0	\$0
Employee Rideshare Program	\$35,000	\$0	\$0	\$0	\$252,125
<b>County of Riverside</b>					
Audit of AB2766 Revenue and Expense	\$7,370	\$0	\$0	\$0	\$0
Commuter Service Rideshare Program	\$147,206	\$0	\$0	\$0	\$0
Purchase of Mobile Source Emission Reduction Credits	\$186,542	\$0	\$0	\$0	\$0
Regional PM10 Street Sweeping Program Using 2 Sweepers	\$49,982	\$0	\$0	\$0	\$0
Rule 2202 Multisite Cluster Registration	\$7,504	\$0	\$0	\$0	\$0

<b>Project Name</b>	<b>MVFees</b>	<b>MSRC</b>	<b>CMAQ</b>	<b>Moyer</b>	<b>CoFunding</b>
WRCOG Clean Cities Coalition Program <b>County of San Bernardino</b>	\$25,000	\$0	\$0	\$0	\$0
Employee Commute Reduction Program	\$430,899	\$0	\$0	\$0	\$0
Vanpool Subsidy Program <b>Covina</b>	\$22,797	\$0	\$0	\$0	\$0
Commuter Choice	\$1,098	\$0	\$0	\$0	\$0
Purchase 4 New 2018 Toyota RAV4 Hybrid Vehicles <b>Cudahy</b>	\$124,496	\$0	\$0	\$0	\$0
Leased Light Duty Trucks	\$16,239	\$0	\$0	\$0	\$0
Neighborhood Electric Vehicle <b>Culver City</b>	\$58,875	\$0	\$0	\$0	\$0
Purchase of Eight (8) Front Loader Refuse Trucks	\$54,441	\$51,000	\$0	\$0	\$2,932,416
Purchase of One (1) Nissan Leaf for Culver CityBus <b>Cypress</b>	\$1,130	\$1,130	\$0	\$0	\$30,514
Compressed Natural Gas Sewer Cleaning Truck <b>Desert Hot Springs</b>	\$137,171	\$0	\$0	\$0	\$0
Regional PM 10 Street Sweeping Program <b>Diamond Bar</b>	\$28,933	\$0	\$0	\$0	\$0
Electric Work Truck Purchase	\$19,819	\$0	\$0	\$0	\$0
Ford Fusion EV Purchase	\$34,473	\$0	\$0	\$0	\$0
Neighborhood Traffic Management	\$10,090	\$0	\$0	\$0	\$0
Traffic Signal Infrastructure Upgrades Phase 3 (PJ#24018) <b>Downey</b>	\$49,265	\$0	\$0	\$0	\$0
2019 Audit	\$1,910	\$0	\$0	\$0	\$0
Downey Employee "Thumbs Up" Commuting Program <b>Duarte</b>	\$123,196	\$0	\$0	\$0	\$0
City of Duarte Purchase of Hybrid Vehicle <b>Eastvale</b>	\$20,146	\$0	\$0	\$0	\$0
Purchase of (2) 2019 Nissan Leaf SV EL	\$51,477	\$0	\$0	\$0	\$0
WRCOG FY18-19 Clean Cities Coalition <b>El Monte</b>	\$6,000	\$0	\$0	\$0	\$0
Alternative Fuels/Electric Vehicles	\$9,597	\$0	\$0	\$0	\$0
Monthly Rideshare Incentive	\$42,712	\$0	\$0	\$0	\$0

<b>Project Name</b>	<b>MVFees</b>	<b>MSRC</b>	<b>CMAQ</b>	<b>Moyer</b>	<b>CoFunding</b>
Regional PM10 Street Sweeper Contract (2 Vehicles)	\$26,754	\$0	\$0	\$0	\$0
<b>El Segundo</b>					
Purchased 1 Nissan Leaf	\$28,797	\$0	\$0	\$0	\$0
<b>Fontana</b>					
AFV Rebate Program	\$500	\$0	\$0	\$0	\$0
AFV Rebate Program	\$500	\$0	\$0	\$0	\$0
Alder-Locust-Ramona SRTS	\$37,173	\$0	\$0	\$0	\$0
Employee Rideshare Program	\$12,709	\$0	\$0	\$0	\$0
Juniper @ Metrolink RR crossing	\$6,491	\$0	\$0	\$0	\$0
Sierra @ Metrolink RR Crossing	\$7,467	\$0	\$0	\$0	\$0
<b>Fountain Valley</b>					
7 Electric Vehicle Charging Stations	\$141,374	\$46,100	\$0	\$0	\$0
Purchase 3 Electric Vehicles	\$106,815	\$0	\$0	\$0	\$0
<b>Fullerton</b>					
East Wilshire Bike Boulevard	\$265,907	\$0	\$0	\$0	\$0
Lease of Pool Cars	\$8,731	\$0	\$0	\$0	\$0
Rule 2202 Emission Credits	\$16,845	\$0	\$0	\$0	\$0
<b>Garden Grove</b>					
Alternative Fuel Vehicle Rebate Program	\$17,500	\$0	\$0	\$0	\$0
Alternative Fuel Vehicle Rebate Program	\$4,000	\$0	\$0	\$0	\$0
Bicycle Corridor Improvement Project	\$4,885	\$0	\$0	\$0	\$0
Bicycle Purchase Loan Program	\$1,000	\$0	\$0	\$0	\$0
TDM Services	\$33,887	\$0	\$0	\$0	\$0
Transit Subsidy (Metrolink & Bus)	\$2,985	\$0	\$0	\$0	\$0
Vanpool Program Conventional Gas	\$69,151	\$0	\$0	\$0	\$0
<b>Gardena</b>					
2018 Kia Niro Plug-In Hybrid	\$36,746	\$0	\$0	\$0	\$0
2019 Honda Insight LX	\$23,135	\$0	\$0	\$0	\$0
Electric Vehicle Charging Station	\$4,419	\$0	\$0	\$0	\$0
Gardena Rule 2202 Compliance	\$1,070	\$0	\$0	\$0	\$0
Lease payment for (1) 2018 Toyota Avalon Hybrid	\$7,774	\$0	\$0	\$0	\$0
Lease payment for (1) 2019 Hyundai Ioniq	\$2,376	\$0	\$0	\$0	\$0
Lease payment for (1) 2019 Tesla Model 3	\$3,680	\$0	\$0	\$0	\$0
Lease payments for (1) 2015 Chevrolet Volt	\$7,477	\$0	\$0	\$0	\$0
Lease Payments for (2) 2016 Ford Fusion Hybrid	\$13,621	\$0	\$0	\$0	\$0

<b>Project Name</b>	<b>MVFees</b>	<b>MSRC</b>	<b>CMAQ</b>	<b>Moyer</b>	<b>CoFunding</b>
<b>Glendale</b>					
Employer Based Trip Reduction Program	\$97,500	\$0	\$0	\$0	\$0
Transit Fare Subsidy	\$56,166	\$0	\$0	\$0	\$0
Transportation Management Agency Services	\$8,111	\$0	\$0	\$0	\$0
<b>Glendora</b>					
Alternative Commute Program	\$10,321	\$0	\$0	\$0	\$0
Purchase of New Bikes	\$1,197	\$0	\$0	\$0	\$0
<b>Grand Terrace</b>					
Hybrid Ford F-250 Truck	\$55,075	\$0	\$0	\$0	\$0
<b>Hawaiian Gardens</b>					
Gateway Cities Strategic Transportation Plan	\$6,825	\$0	\$0	\$0	\$0
Public Safety Hybrid Vehicle	\$45,820	\$0	\$0	\$0	\$0
Public Work Flex Fuel Vehicle	\$32,822	\$0	\$0	\$0	\$0
Transportation Hybrid Vehicle	\$47,076	\$0	\$0	\$0	\$0
<b>Hawthorne</b>					
Financial Incentive for Rideshare	\$2,450	\$0	\$0	\$0	\$0
RM 10 reduction street sweeping project	\$100,087	\$0	\$0	\$0	\$0
<b>Hemet</b>					
WRCOG Clean Cities Coalition	\$5,000	\$0	\$0	\$0	\$0
<b>Hermosa Beach</b>					
Auto Trip Reduction	\$4,620	\$0	\$0	\$0	\$0
Electric Car	\$38,531	\$0	\$0	\$0	\$0
<b>Hidden Hills</b>					
Electric Vehicle Charging Stations	\$33,537	\$33,427	\$0	\$0	\$64,074
<b>Highland</b>					
Electric Vehicle Charging Stations EVC 19001	\$36,183	\$0	\$0	\$0	\$144,731
Traffic Signal Synchronization	\$63,873	\$0	\$0	\$0	\$32,000
<b>Huntington Beach</b>					
Employee Rideshare	\$16,951	\$0	\$0	\$0	\$0
hybrid vehicle purchase	\$30,784	\$0	\$0	\$0	\$0
hybrid vehicle purchase	\$30,783	\$0	\$0	\$0	\$0
Major Event Shuttle Program	\$25,046	\$0	\$0	\$0	\$0
traffic counts	\$1,965	\$0	\$0	\$0	\$0

<b>Project Name</b>	<b>MVFees</b>	<b>MSRC</b>	<b>CMAQ</b>	<b>Moyer</b>	<b>CoFunding</b>
<b>Huntington Park</b>					
Hybrid Leased Vehicles	\$18,200	\$0	\$0	\$0	\$0
<b>Indian Wells</b>					
Regional PM10 Street Sweeping Program Using 2 Sweepers	\$5,422	\$0	\$0	\$0	\$0
<b>Indio</b>					
Electric Vehicle Purchase	\$15,000	\$10,000	\$0	\$0	\$10,000
Regional PM10 Street Sweeping Program Using 2 Sweepers	\$107,398	\$0	\$0	\$0	\$0
<b>Inglewood</b>					
AQMD Audit Fees	\$5,400	\$0	\$0	\$0	\$0
Rule 2202 MSERC's	\$6,710	\$0	\$0	\$0	\$0
<b>Irvine</b>					
Bus stop/shelter signs and schedule holders	\$6,681	\$0	\$0	\$0	\$0
Infrastructure and Amenity Improvements for Bike Lanes	\$87,130	\$0	\$0	\$0	\$0
Irvine Spectrum TMA	\$4,019	\$0	\$0	\$0	\$0
Purchase Rule 2202 Credits	\$7,569	\$0	\$0	\$0	\$0
Security Service Provided by Irvine PS at Train Station	\$179,421	\$0	\$0	\$0	\$0
<b>Jurupa Valley</b>					
Fuel	\$8,749	\$0	\$0	\$0	\$0
<b>La Habra</b>					
Shuttle to Transport Seniors	\$81,139	\$0	\$0	\$0	\$94,298
<b>La Habra Heights</b>					
Electric Club Car	\$10,800	\$9,200	\$0	\$0	\$0
Vehicle Replacement	\$25,000	\$0	\$0	\$0	\$0
<b>La Mirada</b>					
PURCHASE 2 FORD FUSION FOR PUBLIC SAFETY	\$61,318	\$0	\$0	\$0	\$0
<b>La Quinta</b>					
Regional PM10 Street Sweeping Program Using 2 Sweepers	\$40,083	\$0	\$0	\$0	\$0
<b>La Verne</b>					
Bike, Carpool, Walk, Incentive Program	\$9,965	\$0	\$0	\$0	\$0
<b>Laguna Beach</b>					
Free Main Line Service During the Summer	\$24,842	\$0	\$0	\$0	\$0
Free Ride to Work Bus Pass Program	\$1,691	\$0	\$0	\$0	\$0



<b>Project Name</b>	<b>MVFees</b>	<b>MSRC</b>	<b>CMAQ</b>	<b>Moyer</b>	<b>CoFunding</b>
<b>Laguna Niguel</b>					
Hybrid Lease Vehicles	\$25,886	\$0	\$0	\$0	\$0
Traffic Signal Coordination	\$21,910	\$0	\$0	\$0	\$0
<b>Lake Forest</b>					
Alton Parkway Traffic Signal Synchronization	\$22,402	\$0	\$0	\$0	\$0
Bake Parkway Traffic Signal Synchronization	\$218	\$0	\$0	\$0	\$0
Barranca/Muirlands Traffic Signal Synchronization	\$26,594	\$0	\$0	\$0	\$2,551,249
El Toro Rd Traffic Signal Synchronization	\$21,771	\$0	\$0	\$0	\$1,227,159
Prof Serv-Traffic Engineer for Traffic Signal Monitoring	\$31,820	\$0	\$0	\$0	\$0
Signal Maintenance Centracs Software	\$6,922	\$0	\$0	\$0	\$0
<b>Lakewood</b>					
91/605/405 COG Major Corridor Study	\$10,000	\$0	\$0	\$0	\$0
CNG Fuel Tank Upgrade	\$7,838	\$0	\$0	\$0	\$0
Purchase New Ford F250 Crew Cab CNG Long Bed Truck	\$41,922	\$0	\$0	\$0	\$0
<b>Lawndale</b>					
2018 Ford F250 Pick-Up	\$39,605	\$0	\$0	\$0	\$0
<b>Loma Linda</b>					
City Street Sweeping	\$22,607	\$0	\$0	\$0	\$0
Fiber Optic Cable Install - Traffic Signal Coordination	\$9,145	\$0	\$0	\$0	\$0
<b>Lomita</b>					
lease of alternative fuel vehicle to replace gas vehicle	\$4,120	\$0	\$0	\$0	\$0
Leasing alternative fuel street sweepers	\$15,000	\$0	\$0	\$0	\$0
<b>Long Beach</b>					
15th Street Traffic Calming (PWT010-23)	\$18,613	\$0	\$0	\$0	\$97,056
3rd & Broadway Cycle Track	\$344,867	\$0	\$0	\$0	\$1,231,123
6th Street Traffic Calming (PWT010-17)	\$9,055	\$0	\$0	\$0	\$63,924
Atlantic Ave Streetscape Improvements	\$21,877	\$0	\$0	\$0	\$51,068
Bike Planning & Promotion (PWT010-06)	\$23,426	\$0	\$0	\$0	\$78,225
Bike Share (PWT010-35)	\$64,103	\$0	\$0	\$0	\$517,689
Citywide 8 to 80 Connections	\$427	\$0	\$0	\$0	\$4,756
CNG Street Sweeper	\$12,000	\$30,000	\$0	\$0	\$342,779
E-Scooter Pilot Program	\$2,545	\$0	\$0	\$0	\$141,971
Heavy Duty Incremental CostS-Alt Fueled Vehicles (FMFSIC)	\$48,500	\$25,500	\$0	\$0	\$511,529
Light-Duty Incremental Costs-Alt Fueled Vehicles (FMFSIC)	\$75,450	\$0	\$0	\$0	\$99,880
Livabililty Initiatives	\$6,350	\$0	\$0	\$0	\$0

<b>Project Name</b>	<b>MVFees</b>	<b>MSRC</b>	<b>CMAQ</b>	<b>Moyer</b>	<b>CoFunding</b>
Market St Pedestrian Improvements & Streetscape Enhancement	\$71,317	\$0	\$0	\$0	\$42,862
Medium-Duty Incremental Costs-Alt Fueled Vehicles (FMFSIC)	\$165,300	\$130,000	\$0	\$0	\$498,235
Pier J Bicycle Path	\$8,816	\$0	\$0	\$0	\$17,004
Rule 2202 Compliance	\$2,120	\$0	\$0	\$0	\$0
Solar Powered EV Chargers	\$152,052	\$0	\$0	\$0	\$0
Willow St Bike Path Gap Closure	\$162,816	\$0	\$0	\$0	\$6,048
<b>Los Angeles (City)</b>					
#1 Alt Fuel Veh Purch-12 CNG Solid Resources Collection Veh	\$283,919	\$0	\$0	\$0	\$4,024,686
1(a) Alt Fuel Veh Purch-12 New CNG Street Sweepers	\$283,919	\$0	\$0	\$0	\$4,651,987
1. Griffin Av from Mission Rd to Ave 28	\$10,884	\$0	\$0	\$0	\$0
10. Front St / Harbor Bl from Pacific Av to 7th St	\$12,863	\$0	\$0	\$0	\$0
11. San Fernando Road from Fox St to Hollywood Wy	\$164,257	\$0	\$0	\$0	\$0
2. Martin Luther King Bl from Normandie Av to Crenshaw Bl	\$20,779	\$0	\$0	\$0	\$0
3. La Tijera Bl from La Cienega to 74th	\$7,916	\$0	\$0	\$0	\$0
4. Van Ness Av from Slauson to Manchester	\$19,790	\$0	\$0	\$0	\$0
5. York Bl from San Pascual to Armadale Av	\$19,790	\$0	\$0	\$0	\$0
6. 1st Street from Main St to Indiana St	\$33,099	\$0	\$0	\$0	\$0
7. 14th Street from San Pedro to Wilson	\$12,312	\$0	\$0	\$0	\$0
8. Hooper Av from Slauson Av to Olympic Bl	\$29,303	\$0	\$0	\$0	\$0
9. Louise Av from Rinaldi St to Ventura Bl	\$99,668	\$0	\$0	\$0	\$0
Annual AB2766 Audit	\$12,456	\$0	\$0	\$0	\$37,582
APP-Based On-Demand Door-to-Door Shuttle Service	\$186,287	\$0	\$0	\$0	\$241,818
Bicycle Transit Incentive Program	\$8,411	\$0	\$0	\$0	\$0
BOE Alt Fuel Infrastructure Eng Design & Tech Support	\$101,638	\$0	\$0	\$0	\$197,718
Carshare and Bikeshare Professional Services	\$50,967	\$0	\$0	\$0	\$155,678
Deployment of EV Charging Stations at Citywide Locations	\$61,949	\$0	\$0	\$0	\$0
Employer's Carpool Transit Incentive Program	\$148,779	\$0	\$0	\$0	\$0
Employer's Transit Subsidy Program	\$700,344	\$0	\$0	\$0	\$0
Employer's Vanpool Program	\$132,518	\$0	\$0	\$0	\$575,234
Employer's Walk Incentive Program	\$15,140	\$0	\$0	\$0	\$0
LADOT Trip Reduction Program Implementation	\$295,551	\$0	\$0	\$0	\$383,653
LADOT/St Lighting Installation of EV Chargers Citywide	\$957,869	\$0	\$0	\$0	\$154,115
Land Use-LADOT Complete Streets	\$313,464	\$0	\$0	\$0	\$406,905
Traffic Calming Studies and Implementation	\$100,309	\$0	\$0	\$0	\$130,211
Transportation Initiatives Through Traffic Intelligence	\$84,000	\$0	\$0	\$0	\$299,356
<b>Lynwood</b>					
Electric Cargo Van Purchase (MSRC)	\$113,096	\$44,506	\$0	\$0	\$0

<b>Project Name</b>	<b>MVFees</b>	<b>MSRC</b>	<b>CMAQ</b>	<b>Moyer</b>	<b>CoFunding</b>
Gateway Cities COG	\$12,500	\$0	\$0	\$0	\$0
<b>Malibu</b>					
Electric Vehicle Charging Stations (Design)	\$1,720	\$0	\$0	\$0	\$0
<b>Manhattan Beach</b>					
Fleet Replacement to Electric Vehicles	\$158,107	\$0	\$0	\$0	\$0
<b>Menifee</b>					
Alternative Fuel Vehicle Purchase	\$226,209	\$0	\$0	\$0	\$0
<b>Mission Viejo</b>					
City of Mission Viejo AB 2766 FY17/18 Audit	\$1,340	\$0	\$0	\$0	\$0
City of Mission Viejo Traffic Signal Synchronization: FY18-19	\$53,314	\$0	\$0	\$0	\$0
Land Use & Transportation VMT Reduction: FY 18/19	\$23,813	\$0	\$0	\$0	\$0
Mission Viejo (MV) Shuttle: FY18/19	\$73,941	\$0	\$0	\$0	\$0
<b>Monrovia</b>					
Bus Services	\$36,792	\$0	\$0	\$0	\$0
Capital Outlay: GoMonrovia	\$1,100	\$0	\$0	\$0	\$0
Public Education: Website and Supplies	\$14,129	\$0	\$0	\$0	\$0
Rideshare Program Raffle	\$1,650	\$0	\$0	\$0	\$0
<b>Montebello</b>					
Employee Commute Reduction Program	\$21,285	\$0	\$0	\$0	\$0
<b>Monterey Park</b>					
CNG Station Compression Services Tariff (CST) Agreement	\$71,200	\$0	\$0	\$0	\$104,228
Employee Rideshare Program	\$16,000	\$0	\$0	\$0	\$0
<b>Moreno Valley</b>					
Street Sweeping Program	\$196,242	\$0	\$0	\$0	\$0
Traffic Signal Coordination Program	\$14,297	\$0	\$0	\$0	\$0
WRCOG - Clean Cities Coalition	\$15,000	\$0	\$0	\$0	\$0
<b>Murrieta</b>					
EV CHARGER STATIONS (CIP10036)	\$6,867	\$0	\$0	\$0	\$0
TRAFFIC OPTIMIZATION (CIP 8330)	\$76,150	\$0	\$0	\$0	\$0
<b>Newport Beach</b>					
1 CNG Sewer Cleaner	\$100,000	\$0	\$0	\$0	\$385,584
Employee Rideshare Program	\$3,339	\$0	\$0	\$0	\$0
Installing Electric Vehicle Charging Stations	\$20,740	\$0	\$0	\$0	\$0

<b>Project Name</b>	<b>MVFees</b>	<b>MSRC</b>	<b>CMAQ</b>	<b>Moyer</b>	<b>CoFunding</b>
<b>Norco</b>					
One 2019 Hybrid Nissan Rogue	\$28,319	\$0	\$0	\$0	\$0
<b>Norwalk</b>					
1 - 2017 Ford Super Duty F-350 DRW	\$73,893	\$0	\$0	\$0	\$0
Ab 2766 Audit Expenses	\$2,810	\$0	\$0	\$0	\$0
Cleaner Street Sweeping Contract	\$87,564	\$0	\$0	\$0	\$747,436
Transit Subsidy	\$13,408	\$0	\$0	\$0	\$0
<b>Ontario</b>					
Compressed Natural Gas - Slow Fill Posts	\$32,037	\$0	\$0	\$0	\$0
Rideshare	\$26,390	\$0	\$0	\$0	\$0
<b>Orange (City)</b>					
Electric Motor Vehicle Replacement	\$72,166	\$0	\$0	\$0	\$0
Police Bike Team	\$8,370	\$0	\$0	\$0	\$0
Public Works Electric Vehicle Initiative	\$26,195	\$0	\$0	\$0	\$0
Trip Reduction Program	\$92,162	\$0	\$0	\$0	\$0
<b>Palm Desert</b>					
ChargePoint Network Service	\$4,480	\$0	\$0	\$0	\$0
City Rideshare Program	\$885	\$0	\$0	\$0	\$0
Regional PM10 Street Sweeping Program Using 2 Sweepers	\$51,333	\$0	\$0	\$0	\$0
<b>Palm Springs</b>					
Regional PM 10 Stret Sweeping Program Using 2 Sweepers	\$46,408	\$0	\$0	\$0	\$0
<b>Palos Verdes Estates</b>					
2019 Toyota Camry Hybrid SE	\$31,569	\$0	\$0	\$0	\$0
<b>Paramount</b>					
Purchase of 1 hybrid vehicle	\$48,121	\$0	\$0	\$0	\$0
<b>Pasadena</b>					
Rideshare program	\$113,323	\$0	\$0	\$0	\$0
<b>Perris</b>					
Purchase of Electric Bikes	\$28,520	\$0	\$0	\$0	\$0
Purchase of One NEW 2019 Toyota Highlander and RAV4	\$79,424	\$0	\$0	\$0	\$0
<b>Pico Rivera</b>					
2019 F250 CNG Truck Unit#210	\$50,362	\$0	\$0	\$0	\$0
City Hall Electric Vehicle Charging Stations (EVCS)	\$33,553	\$0	\$0	\$0	\$2,091

<b>Project Name</b>	<b>MVFees</b>	<b>MSRC</b>	<b>CMAQ</b>	<b>Moyer</b>	<b>CoFunding</b>
Development of Strategic Transportation Plans	\$11,025	\$0	\$0	\$0	\$0
Lease payments of (6) Hybrid Vehicles (2014 Toyota Prius C)	\$15,571	\$0	\$0	\$0	\$0
<b>Placentia</b>					
Chapman-Malvern Regional Traffic Signal Synchronization	\$3,513	\$0	\$0	\$0	\$0
Placentia's Electric Vehicle Fleet Project: 10 Chevy Sparks	\$50,620	\$0	\$0	\$0	\$0
Senior Mobility Program	\$11,321	\$0	\$0	\$0	\$48,285
<b>Pomona</b>					
CNG 2017 Ford F-250 3/4 Ton pickup	\$46,562	\$10,000	\$0	\$0	\$0
CNG Trash Trucks Lease Payment (22)	\$85,000	\$0	\$0	\$0	\$555,400
Purchase of Emission Credits	\$3,900	\$0	\$0	\$0	\$0
Traffic Operations Communication Upgrade	\$21,484	\$0	\$0	\$0	\$0
Traffic Signal and Street Light Program	\$4,762	\$0	\$0	\$0	\$0
Traffic Signal System Improvements - Citywide	\$257	\$0	\$0	\$0	\$0
<b>Rancho Cucamonga</b>					
CNG Ten Wheel Dump Truck	\$219,040	\$0	\$0	\$0	\$0
FWY/Arterial Synchronization Project	\$49,760	\$0	\$0	\$0	\$0
L9N 320 HO Natural Gas Engine	\$72,006	\$0	\$0	\$0	\$0
PE Trail Enhancements	\$384,093	\$326,922	\$0	\$0	\$0
Rideshare Program	\$15,227	\$0	\$0	\$0	\$0
Traffic Signal Hybrid Aerial Truck	\$133,804	\$0	\$0	\$0	\$0
<b>Rancho Mirage</b>					
Regional PM10 Street Sweeping Program Using 2 Sweepers	\$18,228	\$0	\$0	\$0	\$0
<b>Rancho Palos Verdes</b>					
Route 225 Extension (Year3 of 3)	\$50,000	\$0	\$0	\$0	\$0
<b>Rancho Santa Margarita</b>					
Antonio Pkwy Signal & Equip. Upgrade	\$17,056	\$0	\$0	\$0	\$0
Toyota Rav4	\$29,308	\$0	\$0	\$0	\$0
<b>Redondo Beach</b>					
Employee Rideshare	\$55,579	\$0	\$0	\$0	\$0
<b>Rialto</b>					
Employee Rideshare Program	\$50,673	\$0	\$0	\$0	\$0
<b>Riverside (City)</b>					
AQMD Rule 2202 Compliance	\$17,562	\$0	\$0	\$0	\$0
Bike Riverside	\$69,638	\$0	\$0	\$0	\$0

<b>Project Name</b>	<b>MVFees</b>	<b>MSRC</b>	<b>CMAQ</b>	<b>Moyer</b>	<b>CoFunding</b>
City Pass Program	\$21,243	\$0	\$0	\$0	\$0
Clean Cities Coalition	\$25,000	\$0	\$0	\$0	\$0
Electric Vehicle Rebate Program	\$5,500	\$0	\$0	\$0	\$0
Employee Rideshare Program	\$1,200	\$0	\$0	\$0	\$0
ProjectDox	\$38,226	\$0	\$0	\$0	\$0
Riverside Go Transit Bus Pass Subsidy Program	\$121,894	\$0	\$0	\$0	\$0
Riverside Traffic Management Center	\$29,030	\$0	\$0	\$0	\$0
<b>San Bernardino (City)</b>					
Rideshare Program	\$12,688	\$0	\$0	\$0	\$0
<b>San Clemente</b>					
San Clemente Summer Trolley	\$66,152	\$0	\$0	\$0	\$0
<b>San Dimas</b>					
Electrical Charging Station	\$24,796	\$0	\$0	\$0	\$0
Fueling Software Upgrade	\$18,673	\$0	\$0	\$0	\$0
<b>San Fernando</b>					
CNG Station Upgrade Project	\$16,407	\$387,091	\$0	\$0	\$1,350,000
Electric Vehicle Purchase	\$24,177	\$10,000	\$0	\$0	\$0
Ford Truck Purchase	\$42,710	\$0	\$0	\$0	\$0
<b>San Gabriel</b>					
Toyota Prius	\$27,325	\$0	\$0	\$0	\$0
<b>San Jacinto</b>					
WRCOG Clean Cities Coalition	\$6,000	\$0	\$0	\$0	\$0
<b>San Juan Capistrano</b>					
Horse Mounted Patrols	\$4,012	\$0	\$0	\$0	\$0
Sr. Nutritional Transportation Program	\$12,618	\$0	\$0	\$0	\$52,293
Trolley Program	\$55,698	\$0	\$0	\$0	\$134,197
<b>Santa Ana</b>					
Blue Skies Rideshare	\$63,325	\$0	\$0	\$0	\$0
Electric Vehicle Purchase	\$148,664	\$60,000	\$0	\$0	\$5,750
General Plan Circulation Element	\$14,050	\$0	\$0	\$0	\$0
General Plan Update & Land Use	\$78,691	\$0	\$0	\$0	\$99,770
Installation of EV Charging Stations	\$21,245	\$24,033	\$0	\$0	\$0
Metro Mixed Use Overlay District Air & GHG	\$7,834	\$0	\$0	\$0	\$0
TOD Parking Guidelines	\$22,659	\$0	\$0	\$0	\$0

<b>Project Name</b>	<b>MVFees</b>	<b>MSRC</b>	<b>CMAQ</b>	<b>Moyer</b>	<b>CoFunding</b>
<b>Santa Clarita</b>					
Audit Expenses	\$2,000	\$0	\$0	\$0	\$0
Bike to Work Day Event Promotional Costs	\$4,243	\$0	\$0	\$0	\$0
EV Charging Stations (R0022)	\$206,596	\$0	\$0	\$0	\$0
Regional Transit Center Design (T3021)	\$1,635	\$0	\$0	\$0	\$0
Rideshare passes	\$1,408	\$0	\$0	\$0	\$0
Rideshare Week Promotional Costs	\$2,650	\$0	\$0	\$0	\$0
Signal Synchronization Phase IV Project I0009 Part 2	\$96,538	\$0	\$0	\$0	\$0
Signal Synchronization Phase V Project C0048	\$152,682	\$0	\$0	\$0	\$0
<b>Santa Fe Springs</b>					
GO RIO (2016-2017)	\$2,062	\$0	\$0	\$0	\$0
GO RIO (2017-2018)	\$2,062	\$0	\$0	\$0	\$0
GO RIO (2018-2019)	\$2,062	\$0	\$0	\$0	\$0
<b>Santa Monica</b>					
EV Infrastructure Installation	\$29,850	\$0	\$0	\$0	\$0
Public Education	\$10,000	\$0	\$0	\$0	\$15,000
<b>Seal Beach</b>					
Senior Transportation Nutrition Shuttle	\$33,840	\$0	\$0	\$0	\$0
<b>Sierra Madre</b>					
Purchase 2016 Chevy Volt	\$20,320	\$0	\$0	\$0	\$0
Purchase 2017 Chevy Volt	\$19,833	\$0	\$0	\$0	\$0
<b>Signal Hill</b>					
90.18007 Installation of EV Charging Stations	\$16,553	\$46,079	\$0	\$0	\$0
I-710 Corridor EIR/EIS Report	\$1,000	\$0	\$0	\$0	\$0
Vehicle Replacement	\$97,005	\$0	\$0	\$0	\$0
<b>South El Monte</b>					
Bus Subsidy Program	\$6,583	\$0	\$0	\$0	\$0
<b>South Gate</b>					
2019 Chevy Bolts for Public Works	\$193,290	\$0	\$0	\$0	\$0
John Deer Gator for Parks and Recreation Department	\$26,195	\$0	\$0	\$0	\$0
<b>South Pasadena</b>					
Free Ride to Work Bus Pass Program	\$20,461	\$0	\$0	\$0	\$0
Laptop for Telecommunication	\$2,395	\$0	\$0	\$0	\$0

<b>Project Name</b>	<b>MVFees</b>	<b>MSRC</b>	<b>CMAQ</b>	<b>Moyer</b>	<b>CoFunding</b>
<b>Stanton</b>					
Commute Incentive Program	\$265	\$0	\$0	\$0	\$0
<b>Temecula</b>					
Clean Cities Coalition	\$10,000	\$0	\$0	\$0	\$0
Electric Vehicle Charging Stations	\$47,000	\$0	\$0	\$0	\$0
<b>Temple City</b>					
Lease of 5 Plug-in Hybrid vehicles	\$74,466	\$0	\$0	\$0	\$0
<b>Torrance</b>					
Employee Rideshare	\$148,826	\$0	\$0	\$0	\$0
<b>Upland</b>					
Rideshare Activities	\$8,748	\$0	\$0	\$0	\$0
<b>Walnut</b>					
Bus Pass Subsidies	\$7,320	\$0	\$0	\$0	\$0
Street Sweeping with CNG Sweeper	\$30,000	\$0	\$0	\$0	\$0
<b>West Covina</b>					
Alternative-Fueled Vehicles Purchase	\$176,592	\$0	\$0	\$0	\$0
AQMD 2766 Annual Audit Fee	\$1,540	\$0	\$0	\$0	\$0
Electric Vehicle Charging Stations	\$16,780	\$0	\$0	\$0	\$0
Rule 2202 Compliance	\$8,802	\$0	\$0	\$0	\$0
<b>West Hollywood</b>					
Alternative Mode Transportation Incentive	\$23,321	\$0	\$0	\$0	\$0
<b>Westminster</b>					
Electric Vehicle Charging Station	\$100,732	\$0	\$0	\$0	\$0
Employee Rideshare Program	\$7,961	\$0	\$0	\$0	\$0
<b>Whittier</b>					
Dev. Gateway COG Strategic Transportation Plan	\$15,497	\$0	\$0	\$0	\$0
Employee-Based Trip Reduction	\$5,167	\$0	\$0	\$0	\$0
GO RIO Whittier College bus pass program	\$9,268	\$0	\$0	\$0	\$0
Rule 2202 Compliance - Emission Credits Purchased	\$3,300	\$0	\$0	\$0	\$0
Rule 2202 Filing Fee	\$589	\$0	\$0	\$0	\$0
Web-based software upgrade	\$10,000	\$0	\$0	\$0	\$0
<b>Yorba Linda</b>					
Alternative Vehicle Program	\$86,304	\$0	\$0	\$0	\$0



EV Charging infrastructure program	\$11,035	\$0	\$0	\$0	\$11,035
<b>Yucaipa</b>					
12th & 13th, Avenue E to Oak Glen Road	\$1,637	\$0	\$0	\$0	\$0
Acacia Ave, YPAC Street Improvements	\$44,286	\$0	\$0	\$0	\$0
<b>Totals</b>	<b>\$18,961,319</b>	<b>\$1,370,655</b>	<b>\$0</b>	<b>\$0</b>	<b>\$26,905,492</b>

## Range of Cost-Effectiveness by Subcategory for Fiscal Year 2018 - 2019

	Lowest (ROG + NO <sub>x</sub> + PM <sub>2.5</sub> )	Highest	Lowest (ROG + NO <sub>x</sub> + PM <sub>2.5</sub> + CO/7)	Highest
<b>(1a) Alternative Fuel Vehicle Purchases</b>	\$10.49	\$59,509.98	\$10.49	\$19,570.40
<b>(1b) Alternative Fuel Vehicle Conversions</b>	\$2,052.61	\$2,052.61	\$2,052.61	\$2,052.61
<b>(1d) Electric Vehicle Purchases</b>	\$5.89	\$14,941.37	\$4.43	\$4,294.31
<b>(3c) Facilities (Pedestrian, mixed use, etc.)</b>	\$176.28	\$681.23	\$109.68	\$423.88
<b>(4c) Transit Operations (new service, shuttles, fuel subsidies)</b>	\$185.47	\$4,777.02	\$128.87	\$3,812.59
<b>(4d) Passenger Fare Subsidies</b>	\$21.09	\$544.52	\$12.63	\$334.29
<b>(5b) Traffic Flow or Signalization (timing, surveillance)</b>	\$0.07	\$63.29	\$0.04	\$47.47
<b>(6a) Employer-Based Trip Reduction</b>	\$5.23	\$1,143.41	\$3.01	\$656.89
<b>(6b) Other Trip Reduction Incentive Programs</b>	\$22.78	\$22.78	\$13.98	\$13.98
<b>(6c) Vanpool Programs</b>	\$33.87	\$567.23	\$24.16	\$406.48
<b>(6e) Telecommunication</b>	\$81.04	\$566.14	\$46.23	\$324.84
<b>(8a) Bicycle Lanes and Trails (also bridges)</b>	\$139.29	\$12,007.08	\$87.75	\$7,591.64
<b>(8c) Bicycle Usage (electric bikes, purchases, loaner projects)</b>	\$177.84	\$8,335.36	\$63.60	\$2,395.67
<b>(9a) Road Dust Control (paving roads, shoulders, street</b>	\$1.43	\$188.35	\$1.43	\$188.34
<b>(11a) Miscellaneous (use with "Miscellaneous Projects"</b>	\$10.33	\$2,782.55	\$6.13	\$2,526.18

Cost-effectiveness is based on MV Fees + MSRC + Moyer funding.

# Average Cost-Effectiveness by Project

Fiscal Year 2018 - 2019

Project Category	Project Name	MVFees	Air Funds* Amortized	Emission Reductions ROG+NOx+PM2.5 +CO/7 (lbs/year)	Cost- Effectiveness (\$/lb)
<b>(I) Alternative Fuels/Electric Vehicles</b>					
<b>(1a) Alternative Fuel Vehicle Purchases</b>					
Bell	1 UNIT PROPANE FORKLIFT	\$27,808	\$3,260	311	\$10.49
Rancho Cucamonga	CNG Ten Wheel Dump Truck	\$219,040	\$22,005	326	\$67.55
Fontana	AFV Rebate Program	\$500	\$177	2	\$104.73
Pomona	CNG Trash Trucks Lease Payment (22)	\$85,000	\$8,539	596	\$14.32
Beverly Hills	CNG SOLID WASTE COLLECTION VEHICLES (2)	\$60,000	\$14,068	634	\$22.20
Beverly Hills	CNG STREET SWEEPER	\$250,000	\$29,308	338	\$86.68
Rancho Cucamonga	Traffic Signal Hybrid Aerial Truck	\$133,804	\$15,686	100	\$156.69
Garden Grove	Alternative Fuel Vehicle Rebate Program	\$4,000	\$570	4	\$160.76
Pomona	CNG 2017 Ford F-250 3/4 Ton pickup	\$46,562	\$5,682	35	\$163.06
Norwalk	Cleaner Street Sweeping Contract	\$87,564	\$90,191	4,803	\$18.78
Los Angeles (City)	#1 Alt Fuel Veh Purch-12 CNG Solid Resources Collection Veh	\$283,919	\$33,284	2,542	\$13.09
Beverly Hills	CNG AERIAL PLATFORM BOOM VEHICLE (1)	\$30,000	\$7,034	82	\$85.68
Huntington Park	Hybrid Leased Vehicles	\$18,200	\$2,593	9	\$294.78
Long Beach	CNG Street Sweeper	\$12,000	\$4,924	117	\$42.09
Cypress	Compressed Natural Gas Sewer Cleaning Truck	\$137,171	\$16,081	38	\$419.57
Carson	ACQUISITION OF ONE (1) PB LOADER TRUCK FOR	\$120,000	\$14,068	96	\$146.82
Culver City	Purchase of Eight (8) Front Loader Refuse Trucks	\$54,441	\$15,021	599	\$25.06
Azusa	Lease of Hybrid Pool Vehicle	\$3,882	\$553	1	\$756.10
Baldwin Park	Fleet Leasing Program	\$66,209	\$14,457	19	\$759.46
Los Angeles (City)	1(a) Alt Fuel Veh Purch-12 New CNG Street Sweepers	\$283,919	\$33,284	751	\$44.34
Fullerton	Lease of Pool Cars	\$8,731	\$1,244	1	\$901.96
Gardena	Lease payment for (1) 2019 Hyundai Ioniq	\$2,376	\$381	0	\$903.90
Lakewood	Purchase New Ford F250 Crew Cab CNG Long Bed Truck	\$41,922	\$4,915	5	\$1,007.64
Laguna Niguel	Hybrid Lease Vehicles	\$25,886	\$3,688	3	\$1,100.36
Gardena	Lease payment for (1) 2018 Toyota Avalon Hybrid	\$7,774	\$1,248	1	\$1,267.35
Calabasas	Continued lease of City fleet	\$41,125	\$5,858	5	\$1,301.61
Temple City	Lease of 5 Plug-in Hybrid vehicles	\$74,466	\$7,481	5	\$1,519.63
Duarte	City of Duarte Purchase of Hybrid Vehicle	\$20,146	\$2,024	1	\$1,630.51
Norco	One 2019 Hybrid Nissan Rogue	\$28,319	\$4,034	2	\$1,738.29
Azusa	Alternative Fuel Sweeper Leases - Two	\$21,151	\$2,480	2	\$1,328.85

<b>Project Category</b>	<b>Project Name</b>	<b>MVFees</b>	<b>Air Funds* Amortized</b>	<b>Emission Reductions ROG+NOx+PM2.5 +CO/7 (lbs/year)</b>	<b>Cost- Effectiveness (\$/lb)</b>
<i>Sierra Madre</i>	Purchase 2017 Chevy Volt	\$19,833	\$2,825	1	\$1,895.01
<i>West Covina</i>	Alternative-Fueled Vehicles Purchase	\$176,592	\$20,702	10	\$2,016.21
<i>Arcadia</i>	Vehicle Replacement - Passenger Car	\$27,579	\$3,929	2	\$2,059.90
<i>Gardena</i>	Lease Payments for (2) 2016 Ford Fusion Hybrid	\$13,621	\$2,186	1	\$2,189.17
<i>Palos Verdes Estates</i>	2019 Toyota Camry Hybrid SE	\$31,569	\$3,701	2	\$2,192.64
<i>Huntington Beach</i>	hybrid vehicle purchase	\$30,783	\$4,385	2	\$2,347.87
<i>Norwalk</i>	1 - 2017 Ford Super Duty F-350 DRW	\$73,893	\$8,663	3	\$2,606.74
<i>Yorba Linda</i>	Alternative Vehicle Program	\$86,304	\$12,295	5	\$2,648.78
<i>Cudahy</i>	Leased Light Duty Trucks	\$16,239	\$2,313	1	\$2,741.17
<i>Alhambra</i>	Purchase of two (2) 2018 Honda Clarity	\$71,158	\$10,137	3	\$3,002.88
<i>Menifee</i>	Alternative Fuel Vehicle Purchase	\$226,209	\$32,225	11	\$3,054.76
<i>Gardena</i>	Lease payments for (1) 2015 Chevrolet Volt	\$7,477	\$1,200	0	\$3,160.28
<i>Newport Beach</i>	1 CNG Sewer Cleaner	\$100,000	\$11,723	16	\$728.58
<i>Covina</i>	Purchase 4 New 2018 Toyota RAV4 Hybrid Vehcles	\$124,496	\$12,507	3	\$3,912.38
<i>Hawaiian Gardens</i>	Public Safety Hybrid Vehicle	\$45,820	\$6,527	2	\$3,995.09
<i>Paramount</i>	Purchase of 1 hybrid vehicle	\$48,121	\$6,855	2	\$4,061.46
<i>Pico Rivera</i>	2019 F250 CNG Truck Unit#210	\$50,362	\$7,174	2	\$4,250.60
<i>Long Beach</i>	Heavy Duty Incremental Costs-Alt Fueled Vehicles (FMFSIC)	\$48,500	\$8,675	16	\$542.15
<i>Bell Gardens</i>	Purchase 3 RAV4 Hybrid for Police Dept	\$90,649	\$12,914	3	\$4,371.92
<i>Sierra Madre</i>	Purchase 2016 Chevy Volt	\$20,320	\$2,895	1	\$4,378.72
<i>La Habra Heights</i>	Vehicle Replacement	\$25,000	\$3,561	1	\$5,064.05
<i>Grand Terrace</i>	Hybrid Ford F-250 Truck	\$55,075	\$6,456	1	\$5,464.65
<i>Perris</i>	Purchase of One NEW 2019 Toyota Highlander and RAV4	\$79,424	\$7,979	1	\$5,539.74
<i>Pico Rivera</i>	Lease payments of (6) Hybrid Vehicles (2014 Toyota Prius C)	\$15,571	\$16,038	3	\$5,848.76
<i>Rancho Santa Margarita</i>	Toyota Rav4	\$29,308	\$4,175	1	\$5,936.73
<i>Signal Hill</i>	Vehicle Replacement	\$97,005	\$13,819	2	\$6,549.81
<i>Long Beach</i>	Light-Duty Incremental Costs-Alt Fueled Vehicles (FMFSIC)	\$75,450	\$10,748	4	\$2,941.59
<i>San Gabriel</i>	Toyota Prius	\$27,325	\$3,893	1	\$6,851.96
<i>Buena Park</i>	Purchase of Hybrid Sedans	\$54,177	\$7,718	1	\$6,858.88
<i>Huntington Beach</i>	hybrid vehicle purchase	\$30,784	\$4,385	1	\$7,668.07
<i>Long Beach</i>	Medium-Duty Incremental Costs-Alt Fueled Vehicles	\$165,300	\$34,618	11	\$3,039.24
<i>Hawaiian Gardens</i>	Transportation Hybrid Vehicle	\$47,076	\$6,706	1	\$8,294.90
<i>San Fernando</i>	Ford Truck Purchase	\$42,710	\$5,007	1	\$8,899.32
<i>Gardena</i>	2018 Kia Niro Plug-In Hybrid	\$36,746	\$5,898	1	\$9,529.96
<i>Hawaiian Gardens</i>	Public Work Flex Fuel Vehicle	\$32,822	\$4,676	0	\$10,949.43
<i>La Mirada</i>	PURCHASE 2 FORD FUSION FOR PUBLIC SAFETY	\$61,318	\$8,735	1	\$11,500.65

Project Category	Project Name	MVFees	Air Funds* Amortized	Emission Reductions ROG+NOx+PM2.5 +CO/7 (lbs/year)	Cost- Effectiveness (\$/lb)
Lawndale	2018 Ford F250 Pick-Up	\$39,605	\$5,642	0	\$13,370.79
Gardena	2019 Honda Insight LX	\$23,135	\$3,713	0	\$14,666.98
Bell	1 UNIT FORD F350 PASSENGER VAN \$ 1 UNIT FORD 350	\$134,049	\$15,715	1	\$15,960.72
Aliso Viejo	1 alternative fuel vehicle	\$40,578	\$5,781	0	\$19,570.40
<b>Subcategory Totals and Average cost-effectiveness**:</b>		<b>\$4,617,896</b>	<b>\$713,230</b>	<b>11,545</b>	<b>\$61.78</b>
<b>(1b) Alternative Fuel Vehicle Conversions</b>					
Rancho Cucamonga	L9N 320 HO Natural Gas Engine	\$72,006	\$7,234	4	\$2,052.61
<b>Subcategory Totals and Average cost-effectiveness**:</b>		<b>\$72,006</b>	<b>\$7,234</b>	<b>4</b>	<b>\$2,052.61</b>
<b>(1d) Electric Vehicle Purchases</b>					
Riverside (City)	Electric Vehicle Rebate Program	\$5,500	\$645	146	\$4.43
County of Orange	Electric Forklift Replacement Program Purchase 1 Unit	\$43,350	\$5,082	863	\$5.89
County of Orange	Electric Forklift Replacement Program Purchase 1 Unit	\$46,038	\$5,397	863	\$6.25
County of Orange	Electric Forklift Replacement Program Purchase 1 Unit	\$43,881	\$5,144	445	\$11.56
County of Orange	Electric Forklift Replacement Program Purchase 1 Unit	\$47,182	\$5,531	445	\$12.43
Fontana	AFV Rebate Program	\$500	\$177	11	\$15.89
Garden Grove	Alternative Fuel Vehicle Rebate Program	\$17,500	\$2,052	73	\$27.95
Placentia	Placentia's Electric Vehicle Fleet Project: 10 Chevy Sparks	\$50,620	\$5,934	74	\$80.57
Gardena	Lease payment for (1) 2019 Tesla Model 3	\$3,680	\$591	5	\$115.81
Diamond Bar	Ford Fusion EV Purchase	\$34,473	\$4,041	21	\$189.48
San Fernando	Electric Vehicle Purchase	\$24,177	\$4,007	19	\$216.03
South Gate	John Deer Gator for Parks and Recreation Department	\$26,195	\$5,720	26	\$219.70
Orange (City)	Electric Motor Vehicle Replacement	\$72,166	\$8,460	38	\$220.88
La Habra Heights	Electric Club Car	\$10,800	\$2,345	7	\$328.78
Orange (City)	Public Works Electric Vehicle Initiative	\$26,195	\$3,071	9	\$331.16
El Segundo	Purchased 1 Nissan Leaf	\$28,797	\$3,376	9	\$363.19
Culver City	Purchase of One (1) Nissan Leaf for Culver CityBus	\$1,130	\$265	9	\$28.57
Indio	Electric Vehicle Purchase	\$15,000	\$2,931	9	\$316.05
South Gate	2019 Chevy Bolts for Public Works	\$193,290	\$22,659	42	\$543.01
Lomita	lease of alternative fuel vehicle to replace gas vehicle	\$4,120	\$4,244	7	\$641.09
Manhattan Beach	Fleet Replacement to Electric Vehicles	\$158,107	\$18,535	21	\$869.03
Colton	Zero Emission Truck	\$105,146	\$16,508	18	\$899.95
Cudahy	Neighborhood Electric Vehicle	\$58,875	\$6,902	6	\$1,240.49
Eastvale	Purchase of (2) 2019 Nissan Leaf SV EL	\$51,477	\$6,035	5	\$1,327.28
Fountain Valley	Purchase 3 Electric Vehicles	\$106,815	\$12,522	8	\$1,540.79
Chino Hills	Purchase of 2 Chevy EV Bolt	\$77,209	\$9,051	5	\$1,815.62

Project Category	Project Name	MVFees	Air Funds* Amortized	Emission Reductions ROG+NOx+PM2.5 +CO/7 (lbs/year)	Cost- Effectiveness (\$/lb)	
<i>Hermosa Beach</i>	Electric Car	\$38,531	\$4,517	2	\$1,948.43	
<i>Lynwood</i>	Electric Cargo Van Purchase (MSRC)	\$113,096	\$18,476	7	\$2,810.47	
<i>Santa Ana</i>	Electric Vehicle Purchase	\$148,664	\$24,462	7	\$3,381.95	
<i>Diamond Bar</i>	Electric Work Truck Purchase	\$19,819	\$1,991	0	\$4,294.31	
<b>Subcategory Totals and Average cost-effectiveness**:</b>		<b>Subcategory Summary</b>	<b>\$1,572,333</b>	<b>\$210,668</b>	<b>3,202</b>	<b>\$65.80</b>
		<i>Category Summary</i>	<i>\$6,262,235</i>	<i>\$931,132</i>	<i>14,750</i>	<i>\$63.13</i>
<b>(3) Land Use</b>						
<b>(3c) Facilities (Pedestrian, mixed use, etc.)</b>						
<i>Yucaipa</i>	12th & 13th, Avenue E to Oak Glen Road	\$1,637	\$110	1	\$109.68	
<i>Yucaipa</i>	Acacia Ave, YPAC Street Improvements	\$44,286	\$2,977	7	\$423.88	
<b>Subcategory Totals and Average cost-effectiveness**:</b>		<b>Subcategory Summary</b>	<b>\$45,923</b>	<b>\$3,087</b>	<b>8</b>	<b>\$384.60</b>
		<i>Category Summary</i>	<i>\$45,923</i>	<i>\$3,087</i>	<i>8</i>	<i>\$384.60</i>
<b>(4) Public Transportation (Transit &amp; Rail)</b>						
<b>(4c) Transit Operations (new service, shuttles, fuel subsidies)</b>						
<i>San Clemente</i>	San Clemente Summer Trolley	\$66,152	\$68,137	529	\$128.87	
<i>Rancho Palos Verdes</i>	Route 225 Extension (Year3 of 3)	\$50,000	\$51,500	225	\$229.21	
<i>Huntington Beach</i>	Major Event Shuttle Program	\$25,046	\$25,797	32	\$818.41	
<i>Placentia</i>	Senior Mobility Program	\$11,321	\$11,661	66	\$176.47	
<i>Mission Viejo</i>	Mission Viejo (MV) Shuttle: FY18/19	\$73,941	\$76,159	72	\$1,064.21	
<i>San Juan Capistrano</i>	Sr. Nutritional Transportation Program	\$12,618	\$12,996	51	\$257.16	
<i>San Juan Capistrano</i>	Trolley Program	\$55,698	\$57,369	59	\$964.41	
<i>Seal Beach</i>	Senior Transportation Nutrition Shuttle	\$33,840	\$34,855	9	\$3,812.59	
<i>La Habra</i>	Shuttle to Transport Seniors	\$81,139	\$83,573	30	\$2,799.28	
<b>Subcategory Totals and Average cost-effectiveness**:</b>		<b>Subcategory Summary</b>	<b>\$409,754</b>	<b>\$422,047</b>	<b>1,072</b>	<b>\$393.84</b>
<b>(4d) Passenger Fare Subsidies</b>						
<i>Whittier</i>	GO RIO Whittier College bus pass program	\$9,268	\$9,546	756	\$12.63	
<i>Riverside (City)</i>	Riverside Go Transit Bus Pass Subsidy Program	\$121,894	\$125,551	8,362	\$15.02	
<i>Santa Fe Springs</i>	GO RIO (2016-2017)	\$2,062	\$2,124	122	\$17.37	
<i>Santa Fe Springs</i>	GO RIO (2017-2018)	\$2,062	\$2,124	110	\$19.34	
<i>Santa Fe Springs</i>	GO RIO (2018-2019)	\$2,062	\$2,124	99	\$21.38	
<i>South El Monte</i>	Bus Subsidy Program	\$6,583	\$6,781	242	\$27.98	
<i>Walnut</i>	Bus Pass Subsidies	\$7,320	\$7,540	145	\$51.88	
<i>Corona</i>	Corona Cruiser Fare Subsidy	\$11,309	\$11,648	207	\$56.26	

Project Category	Project Name	MVFees	Air Funds* Amortized	Emission	Cost-
				Reductions ROG+NO <sub>x</sub> +PM <sub>2.5</sub> +CO/7 (lbs/year)	Effectiveness (\$/lb)
<i>Covina</i>	Commuter Choice	\$1,098	\$1,131	17	\$67.66
<i>Garden Grove</i>	Transit Subsidy (Metrolink & Bus)	\$2,985	\$3,075	43	\$71.91
<i>Azusa</i>	Transit Pass Subsidy	\$1,008	\$1,038	40	\$26.19
<i>Norwalk</i>	Transit Subsidy	\$13,408	\$13,810	154	\$89.91
<i>Claremont</i>	Public Transportation Reimbursement	\$2,400	\$2,472	25	\$99.37
<i>Riverside (City)</i>	City Pass Program	\$21,243	\$21,880	218	\$100.52
<i>Glendale</i>	Transit Fare Subsidy	\$56,166	\$57,851	496	\$116.64
<i>Monrovia</i>	Bus Services	\$36,792	\$37,896	323	\$117.29
<i>Compton</i>	Bus Pass Subsidies	\$37,928	\$39,066	191	\$205.06
<i>Anaheim</i>	Metrolink OCTA Subsidies	\$115,615	\$119,083	700	\$170.21
<i>South Pasadena</i>	Free Ride to Work Bus Pass Program	\$20,461	\$21,075	81	\$259.21
<i>Laguna Beach</i>	Free Main Line Service During the Summer	\$24,842	\$25,587	77	\$334.29
<b>Subcategory Totals and Average cost-effectiveness**:</b>					
	<b>Subcategory Summary</b>	<b>\$496,507</b>	<b>\$511,402</b>	<b>12,406</b>	<b>\$41.22</b>
	<i>Category Summary</i>	<i>\$906,261</i>	<i>\$933,449</i>	<i>13,477</i>	<i>\$69.26</i>

## (5) Traffic Management

### (5b) Traffic Flow or Signalization (timing, surveillance)

<i>Lake Forest</i>	Bake Parkway Traffic Signal Synchronization	\$218	\$224	6,093	\$0.04
<i>Placentia</i>	Chapman-Malvern Regional Traffic Signal Synchronization	\$3,513	\$767	1,668	\$0.46
<i>Laguna Niguel</i>	Traffic Signal Coordination	\$21,910	\$22,567	22,554	\$1.00
<i>Los Angeles (City)</i>	3. La Tijera Bl from La Cienega to 74th	\$7,916	\$1,728	769	\$2.25
<i>Lake Forest</i>	Alton Parkway Traffic Signal Synchronization	\$22,402	\$23,074	10,159	\$2.27
<i>Anaheim</i>	Citywide Traffic Signal Synchronization	\$61,996	\$13,537	4,250	\$3.19
<i>Mission Viejo</i>	City of Mission Viejo Traffic Signal Synchronization:FY18-19	\$53,314	\$18,848	4,456	\$4.23
<i>Rancho Santa Margarita</i>	Antonio Pkwy Signal & Equip. Upgrade	\$17,056	\$3,724	833	\$4.47
<i>Los Angeles (City)</i>	6. 1st Street from Main St to Indiana St	\$33,099	\$7,227	1,484	\$4.87
<i>Los Angeles (City)</i>	11. San Fernando Road from Fox St to Hollywood Wy	\$164,257	\$35,866	7,021	\$5.11
<i>Highland</i>	Traffic Signal Synchronization	\$63,873	\$13,947	4,080	\$3.42
<i>Rancho Cucamonga</i>	FWY/Arterial Synchronization Project	\$49,760	\$10,865	2,018	\$5.38
<i>Los Angeles (City)</i>	7. 14th Street from San Pedro to Wilson	\$12,312	\$2,688	462	\$5.81
<i>Los Angeles (City)</i>	5. York Bl from San Pascual to Armadale Av	\$19,790	\$4,321	609	\$7.10
<i>Los Angeles (City)</i>	2. Martin Luther King Bl from Normandie Av to Crenshaw Bl	\$20,779	\$4,537	600	\$7.56
<i>Murrieta</i>	TRAFFIC OPTIMIZATION (CIP 8330)	\$76,150	\$16,628	2,072	\$8.03
<i>Santa Clarita</i>	Signal Synchronization Phase V Project C0048	\$152,682	\$33,339	3,759	\$8.87
<i>Los Angeles (City)</i>	4. Van Ness Av from Slauson to Manchester	\$19,790	\$4,321	467	\$9.26
<i>Costa Mesa</i>	Bear Street Traffic Signal Synchronization Project	\$9,976	\$10,275	914	\$11.24

Project Category	Project Name	MV Fees	Air Funds* Amortized	Emission	Cost-	
				Reductions ROG+NOx+PM2.5 +CO/7 (lbs/year)	Effectiveness (\$/lb)	
Los Angeles (City)	8. Hooper Av from Slauson Av to Olympic Bl	\$29,303	\$6,398	549	\$11.65	
Santa Clarita	Signal Synchronization Phase IV Project I0009 Part 2	\$96,538	\$21,079	1,706	\$12.36	
Los Angeles (City)	9. Louise Av from Rinaldi St to Ventura Bl	\$99,668	\$21,763	1,605	\$13.56	
Los Angeles (City)	1. Griffin Av from Mission Rd to Ave 28	\$10,884	\$2,377	163	\$14.57	
Los Angeles (City)	10. Front St / Harbor Bl from Pacific Av to 7th St	\$12,863	\$2,809	155	\$18.15	
Costa Mesa	Sunflower Avenue Traffic Signal Synchronization Project	\$24,331	\$25,061	1,375	\$18.23	
Loma Linda	Fiber Optic Cable Install - Traffic Signal Coordination	\$9,145	\$1,997	108	\$18.53	
Costa Mesa	Fairview Road Traffic Signal Synchronization Project	\$75,916	\$78,193	3,838	\$20.37	
Riverside (City)	Riverside Traffic Management Center	\$29,030	\$6,339	304	\$20.82	
Lake Forest	El Toro Rd Traffic Signal Synchronization	\$21,771	\$4,754	7,495	\$0.63	
Moreno Valley	Traffic Signal Coordination Program	\$14,297	\$3,122	66	\$47.47	
Lake Forest	Barranca/Muirlands Traffic Signal Synchronization	\$26,594	\$5,807	6,124	\$0.95	
<b>Subcategory Totals and Average cost-effectiveness**:</b>		<b>Subcategory Summary</b>	<b>\$1,261,131</b>	<b>\$408,184</b>	<b>97,756</b>	<b>\$4.18</b>
		<b>Category Summary</b>	<b>\$1,261,131</b>	<b>\$408,184</b>	<b>97,756</b>	<b>\$4.18</b>
<b>(6) Transportation Demand Management</b>						
<b>(6a) Employer-Based Trip Reduction</b>						
County of Riverside	Commuter Service Rideshare Program	\$147,206	\$151,622	22,825	\$6.64	
County of LA	Employee Commute Reduction Program	\$521,130	\$536,764	42,210	\$12.72	
Glendale	Employer Based Trip Reduction Program	\$97,500	\$100,425	7,503	\$13.38	
Monrovia	Rideshare Program Raffle	\$1,650	\$1,700	124	\$13.66	
Santa Clarita	Rideshare passes	\$1,408	\$1,450	90	\$16.08	
Fontana	Employee Rideshare Program	\$12,709	\$13,091	643	\$20.36	
County of Orange	Employee Rideshare Program	\$35,000	\$36,050	11,995	\$3.01	
Bell Gardens	Employee Rideshare Subsidies	\$3,815	\$3,929	157	\$25.05	
Pasadena	Rideshare program	\$113,323	\$116,723	3,298	\$35.40	
Glendora	Alternative Commute Program	\$10,321	\$10,630	280	\$37.99	
Stanton	Commute Incentive Program	\$265	\$273	6	\$43.89	
Torrance	Employee Rideshare	\$148,826	\$153,291	3,353	\$45.72	
Westminster	Employee Rideshare Program	\$7,961	\$8,200	171	\$47.95	
Los Angeles (City)	Employer's Transit Subsidy Program	\$700,344	\$721,354	14,564	\$49.53	
Baldwin Park	Employer Trip Reduction Incentive Program	\$1,665	\$1,715	34	\$50.14	
Palm Desert	City Rideshare Program	\$885	\$912	17	\$52.44	
Monterey Park	Employee Rideshare Program	\$16,000	\$16,480	280	\$58.89	
Commerce	Employer Based Trip Reduction	\$12,633	\$13,012	217	\$60.00	
Los Angeles (City)	Employer's Carpool Transit Incentive Program	\$148,779	\$153,242	2,414	\$63.49	



Project Category	Project Name	MVFees	Air Funds* Amortized	Emission Reductions ROG+NOx+PM2.5 +CO/7 (lbs/year)	Cost- Effectiveness (\$/lb)
Anaheim	TRIP REDUCTION	\$70,084	\$72,187	1,244	\$58.04
Ontario	Rideshare	\$26,390	\$27,182	414	\$65.73
Carson	EMPLOYEE CARPOOL PROGRAM	\$7,285	\$7,504	106	\$70.97
Riverside (City)	Employee Rideshare Program	\$1,200	\$1,236	17	\$72.27
Azusa	Rideshare Financial Incentives	\$9,097	\$9,370	129	\$72.61
Redondo Beach	Employee Rideshare	\$55,579	\$57,246	761	\$75.20
Montebello	Employee Commute Reduction Program	\$21,285	\$21,924	284	\$77.27
Orange (City)	Trip Reduction Program	\$92,162	\$94,926	1,094	\$86.79
El Monte	Monthly Rideshare Incentive	\$42,712	\$43,993	498	\$88.29
San Bernardino (City)	Rideshare Program	\$12,688	\$13,069	138	\$94.98
Burbank	Employee Rideshare Subsidies	\$36,745	\$37,847	393	\$96.32
Hawthorne	Financial Incentive for Rideshare	\$2,450	\$2,524	26	\$98.37
County of San Bernardino	Employee Commute Reduction Program	\$430,899	\$443,826	4,478	\$99.12
Cerritos	City Employee Rideshare Trip Rebate Program	\$30,485	\$31,400	271	\$116.07
Buena Park	Employer Trip Reduction Program	\$9,809	\$10,103	74	\$136.81
Los Angeles (City)	Employer's Walk Incentive Program	\$15,140	\$15,594	111	\$140.87
Whittier	Employee-Based Trip Reduction	\$5,167	\$5,322	36	\$149.07
Upland	Rideshare Activities	\$8,748	\$9,010	60	\$150.52
Hermosa Beach	Auto Trip Reduction	\$4,620	\$4,759	31	\$153.03
West Hollywood	Alternative Mode Transportation Incentive	\$23,321	\$24,021	137	\$175.49
Rialto	Employee Rideshare Program	\$50,673	\$52,193	268	\$194.61
Arcadia	Rideshare Plus Program	\$20,154	\$20,759	106	\$196.35
Rancho Cucamonga	Rideshare Program	\$15,227	\$15,684	79	\$197.80
Huntington Beach	Employee Rideshare	\$16,951	\$17,460	87	\$199.59
Downey	Downey Employee "Thumbs Up" Commuting Program	\$123,196	\$126,892	539	\$235.54
La Verne	Bike, Carpool, Walk, Incentive Program	\$9,965	\$10,264	42	\$244.51
Burbank	Employee Transit Subsidies	\$53,044	\$54,635	215	\$254.64
Los Angeles (City)	Bicycle Transit Incentive Program	\$8,411	\$8,663	25	\$353.15
Garden Grove	TDM Services	\$33,887	\$34,904	95	\$368.03
Newport Beach	Employee Rideshare Program	\$3,339	\$3,439	6	\$542.17
Santa Ana	Blue Skies Rideshare	\$63,325	\$65,225	99	\$656.89
<b>Subcategory Totals and Average cost-effectiveness**:</b>	<b>Subcategory Summary</b>	<b>\$3,285,456</b>	<b>\$3,384,019</b>	<b>122,040</b>	<b>\$27.73</b>
<b>(6b) Other Trip Reduction Incentive Programs</b>					
Laguna Beach	Free Ride to Work Bus Pass Program	\$1,691	\$1,741	125	\$13.98
<b>Subcategory Totals and Average cost-effectiveness**:</b>	<b>Subcategory Summary</b>	<b>\$1,691</b>	<b>\$1,741</b>	<b>125</b>	<b>\$13.98</b>

<b>Project Category</b>	<b>Project Name</b>	<b>MVFees</b>	<b>Air Funds* Amortized</b>	<b>Emission Reductions ROG+NOx+PM2.5 +CO/7 (lbs/year)</b>	<b>Cost- Effectiveness (\$/lb)</b>
<b>(6c) Vanpool Programs</b>					
<i>County of San Bernardino</i>	Vanpool Subsidy Program	\$22,797	\$23,481	577	\$40.67
<i>Los Angeles (City)</i>	Employer's Vanpool Program	\$132,518	\$136,493	5,649	\$24.16
<i>Garden Grove</i>	Vanpool Program Conventional Gas	\$69,151	\$71,226	496	\$143.68
<i>Anaheim</i>	Vanpool	\$111,682	\$115,032	283	\$406.48
<b>Subcategory Totals and Average cost-effectiveness**:</b>		<b>\$336,147</b>	<b>\$346,232</b>	<b>7,005</b>	<b>\$49.42</b>
<b>(6e) Telecommunication</b>					
<i>Whittier</i>	Web-based software upgrade	\$10,000	\$2,184	47	\$46.23
<i>South Pasadena</i>	Laptop for Telecommunication	\$2,395	\$523	2	\$324.84
<b>Subcategory Totals and Average cost-effectiveness**:</b>		<b>\$12,395</b>	<b>\$2,707</b>	<b>49</b>	<b>\$55.41</b>
		<b>Subcategory Summary</b>	<b>\$3,635,689</b>	<b>\$3,734,699</b>	<b>129,219</b>
		<b>Category Summary</b>			<b>\$28.90</b>
<b>(8) Bicycles</b>					
<b>(8a) Bicycle Lanes and Trails (also bridges)</b>					
<i>Fullerton</i>	East Wilshire Bike Boulevard	\$265,907	\$22,274	254	\$87.75
<i>Calimesa</i>	County Line Road Transportation Corridor Improvement	\$50,000	\$4,188	19	\$221.11
<i>Long Beach</i>	Willow St Bike Path Gap Closure	\$162,816	\$10,944	34	\$325.45
<i>Rancho Cucamonga</i>	PE Trail Enhancements	\$384,093	\$59,559	83	\$717.86
<i>Fontana</i>	Alder-Locust-Ramona SRTS	\$37,173	\$38,288	24	\$1,610.45
<i>Irvine</i>	Infrastructure and Amenity Improvements for Bike Lanes	\$87,130	\$7,299	3	\$2,424.25
<i>Long Beach</i>	3rd & Broadway Cycle Track	\$344,867	\$23,180	29	\$788.66
<i>Long Beach</i>	Pier J Bicycle Path	\$8,816	\$739	0	\$7,591.64
<b>Subcategory Totals and Average cost-effectiveness**:</b>		<b>\$1,340,802</b>	<b>\$166,471</b>	<b>446</b>	<b>\$373.55</b>
<b>(8c) Bicycle Usage (electric bikes, purchases, loaner projects)</b>					
<i>Orange (City)</i>	Police Bike Team	\$8,370	\$981	15	\$63.60
<i>Glendora</i>	Purchase of New Bikes	\$1,197	\$171	1	\$159.41
<i>Garden Grove</i>	Bicycle Purchase Loan Program	\$1,000	\$1,030	3	\$303.43
<i>Riverside (City)</i>	Bike Riverside	\$69,638	\$8,164	11	\$748.63
<i>Perris</i>	Purchase of Electric Bikes	\$28,520	\$3,343	1	\$2,395.67
<i>Long Beach</i>	Bike Share (PWT010-35)	\$64,103	\$66,026	84	\$785.44
<b>Subcategory Totals and Average cost-effectiveness**:</b>		<b>\$172,828</b>	<b>\$79,715</b>	<b>116</b>	<b>\$685.68</b>
		<b>Subcategory Summary</b>	<b>\$1,513,631</b>	<b>\$246,186</b>	<b>562</b>
		<b>Category Summary</b>			<b>\$438.13</b>

Project Category	Project Name	MVFees	Air Funds* Amortized	Emission Reductions ROG+NOx+PM2.5 +CO/7 (lbs/year)	Cost- Effectiveness (\$/lb)	
<b>(9) PM Reduction Strategies</b>						
<b>(9a) Road Dust Control (paving roads, shoulders, street sweeping)</b>						
<i>El Monte</i>	Regional PM10 Street Sweeper Contract (2 Vehicles)	\$26,754	\$3,136	2,197	\$1.43	
<i>Lomita</i>	Leasing alternative fuel street sweepers	\$15,000	\$1,758	1,076	\$1.63	
<i>Walnut</i>	Street Sweeping with CNG Sweeper	\$30,000	\$3,517	936	\$3.76	
<i>Hawthorne</i>	RM 10 reduction street sweeping project	\$100,087	\$11,733	2,280	\$5.15	
<i>Moreno Valley</i>	Street Sweeping Program	\$196,242	\$23,006	2,371	\$9.70	
<i>Loma Linda</i>	City Street Sweeping	\$22,607	\$2,650	84	\$31.47	
<i>County of Riverside</i>	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$49,982	\$51,481	354	\$145.62	
<i>Indian Wells</i>	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$5,422	\$5,585	38	\$146.57	
<i>Rancho Mirage</i>	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$18,228	\$18,775	126	\$148.87	
<i>Palm Desert</i>	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$51,333	\$52,873	354	\$149.56	
<i>Desert Hot Springs</i>	Regional PM 10 Street Sweeping Program	\$28,933	\$29,801	199	\$149.96	
<i>Palm Springs</i>	Regional PM 10 Street Sweeping Program Using 2 Sweepers	\$46,408	\$47,800	318	\$150.11	
<i>Cathedral City</i>	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$53,300	\$54,899	365	\$150.31	
<i>La Quinta</i>	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$40,083	\$41,285	275	\$150.33	
<i>Coachella</i>	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$44,393	\$45,725	304	\$150.50	
<i>Indio</i>	Regional PM10 Street Sweeping Program Using 2 Sweepers	\$107,398	\$110,620	587	\$188.34	
<b>Subcategory Totals and Average cost-effectiveness**:</b>		<b>Subcategory Summary</b>	<b>\$836,172</b>	<b>\$504,646</b>	<b>11,863</b>	<b>\$42.54</b>
		<b>Category Summary</b>	<b>\$836,172</b>	<b>\$504,646</b>	<b>11,863</b>	<b>\$42.54</b>
<b>(11) Miscellaneous Projects</b>						
<b>(11a) Miscellaneous (use with "Miscellaneous Projects" Category)</b>						
<i>Whittier</i>	Rule 2202 Compliance - Emission Credits Purchased	\$3,300	\$3,399	555	\$6.13	
<i>Inglewood</i>	Rule 2202 MSERC's	\$6,710	\$6,911	1,012	\$6.83	
<i>Pomona</i>	Purchase of Emission Credits	\$3,900	\$4,017	547	\$7.34	
<i>Chino</i>	Vehicle Emission Credits Purchased	\$5,055	\$5,206	424	\$12.29	
<i>Irvine</i>	Purchase Rule 2202 Credits	\$7,569	\$7,796	544	\$14.34	
<i>Fullerton</i>	Rule 2202 Emission Credits	\$16,845	\$17,350	1,108	\$15.66	
<i>County of Riverside</i>	Purchase of Mobile Source Emission Reduction Credits	\$186,542	\$192,138	9,347	\$20.56	
<i>Riverside (City)</i>	AQMD Rule 2202 Compliance	\$17,562	\$18,089	862	\$20.98	
<i>Alhambra</i>	Rule 2202	\$23,368	\$24,069	328	\$73.35	
<i>Riverside (City)</i>	ProjectDox	\$38,226	\$39,373	16	\$2,526.18	
<b>Subcategory Totals and Average cost-effectiveness**:</b>		<b>Subcategory Summary</b>	<b>\$309,076</b>	<b>\$318,348</b>	<b>14,742</b>	<b>\$21.59</b>
		<b>Category Summary</b>	<b>\$309,076</b>	<b>\$318,348</b>	<b>14,742</b>	<b>\$21.59</b>

Project Category	Project Name	MV Fees	Air Funds* Amortized	Emission Reductions ROG+NOx+PM2.5 +CO/7 (lbs/year)	Cost- Effectiveness (\$/lb)
<b>Program Summary</b>		<b>\$14,770,118</b>	<b>\$7,079,732</b>	<b>282,377</b>	<b>\$25.07</b>

\*Air Funds amortized equals (MV Fees + MSRC + Moyer) multiplied by the Capital Recovery Factor.

Cost-effectiveness is based on air funds and on ROG + NOx + PM2.5 + CO/7.

Only those projects with cost-effectiveness greater than zero are included in this report.

## Cost-Effectiveness of Funding by Project

Fiscal Year 2018 - 2019

Project Category	Project Name	Cost-Effectiveness (\$/lb)		Cost-Effectiveness (\$/lb)	
		*Based on		Based on	
		ROG+NOx+PM2.5		ROG+NOx+PM2.5+CO/7	
		Air Funds	ALL Funds	Air Funds	ALL Funds
<b>(1) Alternative Fuels/Electric Vehicles</b>					
<i>Alhambra</i>	Purchase of two (2) 2018 Honda Clarity	\$9,131.22	\$9,131.22	\$3,002.88	\$3,002.88
<i>Aliso Viejo</i>	1 alternative fuel vehicle	\$59,509.98	\$59,509.98	\$19,570.40	\$19,570.40
<i>Arcadia</i>	Vehicle Replacement - Passenger Car	\$6,263.79	\$6,263.79	\$2,059.90	\$2,059.90
<i>Azusa</i>	Lease of Hybrid Pool Vehicle	\$2,299.17	\$2,299.17	\$756.10	\$756.10
<i>Azusa</i>	Alternative Fuel Sweeper Leases - Two	\$1,328.85	\$1,771.85	\$1,328.85	\$1,771.85
<i>Baldwin Park</i>	Fleet Leasing Program	\$3,084.35	\$3,084.35	\$759.46	\$759.46
<i>Bell</i>	1 UNIT PROPANE FORKLIFT	\$10.49	\$10.49	\$10.49	\$10.49
<i>Bell</i>	1 UNIT FORD F350 PASSENGER VAN \$	\$48,533.63	\$48,533.63	\$15,960.72	\$15,960.72
<i>Bell Gardens</i>	Purchase 3 RAV4 Hybrid for Police Dept	\$13,294.20	\$13,294.20	\$4,371.92	\$4,371.92
<i>Beverly Hills</i>	CNG STREET SWEEPER	\$86.75	\$129.93	\$86.68	\$129.82
<i>Beverly Hills</i>	CNG SOLID WASTE COLLECTION	\$22.46	\$123.22	\$22.20	\$121.80
<i>Beverly Hills</i>	CNG AERIAL PLATFORM BOOM	\$87.49	\$262.21	\$85.68	\$256.78
<i>Buena Park</i>	Purchase of Hybrid Sedans	\$20,856.60	\$20,856.60	\$6,858.88	\$6,858.88
<i>Calabasas</i>	Continued lease of City fleet	\$3,957.95	\$3,957.95	\$1,301.61	\$1,301.61
<i>Carson</i>	ACQUISITION OF ONE (1) PB LOADER	\$148.53	\$437.17	\$146.82	\$432.14
<i>Chino Hills</i>	Purchase of 2 Chevy EV Bolt	\$6,317.16	\$6,317.16	\$1,815.62	\$1,815.62
<i>Colton</i>	Zero Emission Truck	\$934.56	\$934.56	\$899.95	\$899.95
<i>County of Orange</i>	Electric Forklift Replacement Program	\$6.25	\$6.25	\$6.25	\$6.25
<i>County of Orange</i>	Electric Forklift Replacement Program	\$5.89	\$5.89	\$5.89	\$5.89
<i>County of Orange</i>	Electric Forklift Replacement Program	\$11.56	\$11.56	\$11.56	\$11.56
<i>County of Orange</i>	Electric Forklift Replacement Program	\$12.43	\$12.43	\$12.43	\$12.43
<i>Covina</i>	Purchase 4 New 2018 Toyota RAV4 Hybrid	\$11,896.84	\$11,896.84	\$3,912.38	\$3,912.38
<i>Cudahy</i>	Neighborhood Electric Vehicle	\$4,316.09	\$4,316.09	\$1,240.49	\$1,240.49
<i>Cudahy</i>	Leased Light Duty Trucks	\$8,335.40	\$8,335.40	\$2,741.17	\$2,741.17
<i>Culver City</i>	Purchase of One (1) Nissan Leaf for Culver	\$99.41	\$1,441.61	\$28.57	\$414.33
<i>Culver City</i>	Purchase of Eight (8) Front Loader Refuse	\$25.26	\$727.68	\$25.06	\$721.95
<i>Cypress</i>	Compressed Natural Gas Sewer Cleaning	\$424.45	\$424.45	\$419.57	\$419.57
<i>Diamond Bar</i>	Electric Work Truck Purchase	\$14,941.37	\$14,941.37	\$4,294.31	\$4,294.31
<i>Diamond Bar</i>	Ford Fusion EV Purchase	\$659.27	\$659.27	\$189.48	\$189.48
<i>Duarte</i>	City of Duarte Purchase of Hybrid Vehicle	\$4,958.07	\$4,958.07	\$1,630.51	\$1,630.51
<i>Eastvale</i>	Purchase of (2) 2019 Nissan Leaf SV EL	\$4,618.05	\$4,618.05	\$1,327.28	\$1,327.28
<i>El Segundo</i>	Purchased 1 Nissan Leaf	\$1,256.29	\$1,256.29	\$363.19	\$363.19

Project Category	Project Name	Cost-Effectiveness (\$/lb)		Cost-Effectiveness (\$/lb)	
		*Based on		Based on	
		ROG+NOx+PM2.5		ROG+NOx+PM2.5+CO/7	
		Air Funds	ALL Funds	Air Funds	ALL Funds
Fontana	AFV Rebate Program	\$318.46	\$318.46	\$104.73	\$104.73
Fontana	AFV Rebate Program	\$55.27	\$55.27	\$15.89	\$15.89
Fountain Valley	Purchase 3 Electric Vehicles	\$5,360.94	\$5,360.94	\$1,540.79	\$1,540.79
Fullerton	Lease of Pool Cars	\$2,742.71	\$2,742.71	\$901.96	\$901.96
Garden Grove	Alternative Fuel Vehicle Rebate Program	\$97.25	\$97.25	\$27.95	\$27.95
Garden Grove	Alternative Fuel Vehicle Rebate Program	\$488.85	\$488.85	\$160.76	\$160.76
Gardena	2018 Kia Niro Plug-In Hybrid	\$28,978.87	\$28,978.87	\$9,529.96	\$9,529.96
Gardena	2019 Honda Insight LX	\$44,599.59	\$44,599.59	\$14,666.98	\$14,666.98
Gardena	Lease Payments for (2) 2016 Ford Fusion	\$6,656.86	\$6,656.86	\$2,189.17	\$2,189.17
Gardena	Lease payment for (1) 2019 Tesla Model 3	\$402.96	\$402.96	\$115.81	\$115.81
Gardena	Lease payment for (1) 2018 Toyota Avalon	\$3,853.78	\$3,853.78	\$1,267.35	\$1,267.35
Gardena	Lease payments for (1) 2015 Chevrolet Volt	\$9,609.83	\$9,609.83	\$3,160.28	\$3,160.28
Gardena	Lease payment for (1) 2019 Hyundai Ioniq	\$2,748.59	\$2,748.59	\$903.90	\$903.90
Grand Terrace	Hybrid Ford F-250 Truck	\$16,616.99	\$16,616.99	\$5,464.65	\$5,464.65
Hawaiian Gardens	Public Safety Hybrid Vehicle	\$12,148.34	\$12,148.34	\$3,995.09	\$3,995.09
Hawaiian Gardens	Public Work Flex Fuel Vehicle	\$33,295.21	\$33,295.21	\$10,949.43	\$10,949.43
Hawaiian Gardens	Transportation Hybrid Vehicle	\$25,223.26	\$25,223.26	\$8,294.90	\$8,294.90
Hermosa Beach	Electric Car	\$6,779.25	\$6,779.25	\$1,948.43	\$1,948.43
Huntington Beach	hybrid vehicle purchase	\$7,139.44	\$7,139.44	\$2,347.87	\$2,347.87
Huntington Beach	hybrid vehicle purchase	\$23,317.19	\$23,317.19	\$7,668.07	\$7,668.07
Huntington Park	Hybrid Leased Vehicles	\$896.36	\$896.36	\$294.78	\$294.78
Indio	Electric Vehicle Purchase	\$1,099.64	\$1,539.50	\$316.05	\$442.47
La Habra Heights	Vechile Replacement	\$15,398.86	\$15,398.86	\$5,064.05	\$5,064.05
La Habra Heights	Electric Club Car	\$486.60	\$486.60	\$328.78	\$328.78
La Mirada	PURCHASE 2 FORD FUSION FOR	\$34,971.38	\$34,971.38	\$11,500.65	\$11,500.65
Laguna Niguel	Hybrid Lease Vehicles	\$3,346.01	\$3,346.01	\$1,100.36	\$1,100.36
Lakewood	Purchase New Ford F250 Crew Cab CNG	\$1,487.47	\$1,487.47	\$1,007.64	\$1,007.64
Lawndale	2018 Ford F250 Pick-Up	\$40,658.12	\$40,658.12	\$13,370.79	\$13,370.79
Lomita	lease of alternative fuel vehicle to replace gas	\$972.68	\$972.68	\$641.09	\$641.09
Long Beach	CNG Street Sweeper	\$42.52	\$389.53	\$42.09	\$385.57
Long Beach	Light-Duty Incremental Costs-Alt Fueled	\$8,944.83	\$20,785.91	\$2,941.59	\$6,835.63
Long Beach	Medium-Duty Incremental Costs-Alt Fueled	\$4,486.50	\$12,056.19	\$3,039.24	\$8,167.10
Long Beach	Heavy Duty Incremental CostS-Alt Fueled	\$548.46	\$4,339.70	\$542.15	\$4,289.82
Los Angeles (City)	1(a) Alt Fuel Veh Purch-12 New CNG Street	\$44.40	\$771.97	\$44.34	\$770.79
Los Angeles (City)	#1 Alt Fuel Veh Purch-12 CNG Solid	\$13.24	\$200.99	\$13.09	\$198.68
Lynwood	Electric Cargo Van Purchase (MSRC)	\$7,328.10	\$7,328.10	\$2,810.47	\$2,810.47
Manhattan Beach	Fleet Replacement to Electric Vehicles	\$3,023.66	\$3,023.66	\$869.03	\$869.03

Project Category	Project Name	Cost-Effectiveness (\$/lb)		Cost-Effectiveness (\$/lb)	
		*Based on		Based on	
		ROG+NOx+PM2.5		ROG+NOx+PM2.5+CO/7	
		Air Funds	ALL Funds	Air Funds	ALL Funds
<i>Menifee</i>	Alternative Fuel Vehicle Purchase	\$9,288.96	\$9,288.96	\$3,054.76	\$3,054.76
<i>Newport Beach</i>	1 CNG Sewer Cleaner	\$741.99	\$3,602.96	\$728.58	\$3,537.86
<i>Norco</i>	One 2019 Hybrid Nissan Rogue	\$5,285.82	\$5,285.82	\$1,738.29	\$1,738.29
<i>Norwalk</i>	Cleaner Street Sweeping Contract	\$18.79	\$179.17	\$18.78	\$179.06
<i>Norwalk</i>	1 - 2017 Ford Super Duty F-350 DRW	\$3,786.25	\$3,786.25	\$2,606.74	\$2,606.74
<i>Orange (City)</i>	Electric Motor Vehicle Replacement	\$782.45	\$782.45	\$220.88	\$220.88
<i>Orange (City)</i>	Public Works Electric Vehicle Initiative	\$1,152.21	\$1,152.21	\$331.16	\$331.16
<i>Palos Verdes Estates</i>	2019 Toyota Camry Hybrid SE	\$6,667.43	\$6,667.43	\$2,192.64	\$2,192.64
<i>Paramount</i>	Purchase of 1 hybrid vehicle	\$12,350.14	\$12,350.14	\$4,061.46	\$4,061.46
<i>Perris</i>	Purchase of One NEW 2019 Toyota	\$22,498.12	\$22,498.12	\$5,539.74	\$5,539.74
<i>Pico Rivera</i>	2019 F250 CNG Truck Unit#210	\$12,925.29	\$12,925.29	\$4,250.60	\$4,250.60
<i>Pico Rivera</i>	Lease payments of (6) Hybrid Vehicles	\$17,785.01	\$17,785.01	\$5,848.76	\$5,848.76
<i>Placentia</i>	Placentia's Electric Vehicle Fleet Project: 10	\$122.24	\$122.24	\$80.57	\$80.57
<i>Pomona</i>	CNG 2017 Ford F-250 3/4 Ton pickup	\$170.60	\$170.60	\$163.06	\$163.06
<i>Pomona</i>	CNG Trash Trucks Lease Payment (22)	\$14.98	\$112.88	\$14.32	\$107.88
<i>Rancho Cucamonga</i>	CNG Ten Wheel Dump Truck	\$68.33	\$68.33	\$67.55	\$67.55
<i>Rancho Cucamonga</i>	Traffic Signal Hybrid Aerial Truck	\$157.73	\$157.73	\$156.69	\$156.69
<i>Rancho Cucamonga</i>	L9N 320 HO Natural Gas Engine	\$2,052.61	\$2,052.61	\$2,052.61	\$2,052.61
<i>Rancho Santa Margarita</i>	Toyota Rav4	\$18,052.49	\$18,052.49	\$5,936.73	\$5,936.73
<i>Riverside (City)</i>	Electric Vehicle Rebate Program	\$15.40	\$15.40	\$4.43	\$4.43
<i>San Fernando</i>	Electric Vehicle Purchase	\$751.65	\$751.65	\$216.03	\$216.03
<i>San Fernando</i>	Ford Truck Purchase	\$27,061.18	\$27,061.18	\$8,899.32	\$8,899.32
<i>San Gabriel</i>	Toyota Prius	\$20,835.54	\$20,835.54	\$6,851.96	\$6,851.96
<i>Santa Ana</i>	Electric Vehicle Purchase	\$11,766.95	\$12,091.21	\$3,381.95	\$3,475.15
<i>Sierra Madre</i>	Purchase 2016 Chevy Volt	\$13,314.87	\$13,314.87	\$4,378.72	\$4,378.72
<i>Sierra Madre</i>	Purchase 2017 Chevy Volt	\$5,762.39	\$5,762.39	\$1,895.01	\$1,895.01
<i>Signal Hill</i>	Vehicle Replacement	\$19,916.78	\$19,916.78	\$6,549.81	\$6,549.81
<i>South Gate</i>	2019 Chevy Bolts for Public Works	\$1,889.33	\$1,889.33	\$543.01	\$543.01
<i>South Gate</i>	John Deer Gator for Parks and Recreation	\$219.70	\$219.70	\$219.70	\$219.70
<i>Temple City</i>	Lease of 5 Plug-in Hybrid vehicles	\$4,620.92	\$4,620.92	\$1,519.63	\$1,519.63
<i>West Covina</i>	Alternative-Fueled Vehicles Purchase	\$6,130.93	\$6,130.93	\$2,016.21	\$2,016.21
<i>Yorba Linda</i>	Alternative Vehicle Program	\$8,054.44	\$8,054.44	\$2,648.78	\$2,648.78
<b>(3) Land Use</b>					
<i>Yucaipa</i>	12th & 13th, Avenue E to Oak Glen Road	\$176.28	\$176.28	\$109.68	\$109.68
<i>Yucaipa</i>	Acacia Ave, YPAC Street Improvements	\$681.23	\$681.23	\$423.88	\$423.88

Project Category	Project Name	Cost-Effectiveness (\$/lb)		Cost-Effectiveness (\$/lb)	
		*Based on		Based on	
		ROG+NOx+PM2.5		ROG+NOx+PM2.5+CO/7	
		Air Funds	ALL Funds	Air Funds	ALL Funds
<b>(4) Public Transportation (Transit &amp; Rail)</b>					
Anaheim	Metrolink OCTA Subsidies	\$296.34	\$362.49	\$170.21	\$208.20
Azusa	Transit Pass Subsidy	\$45.59	\$137.73	\$26.19	\$79.11
Claremont	Public Transportation Reimbursement	\$173.01	\$173.01	\$99.37	\$99.37
Compton	Bus Pass Subsidies	\$356.37	\$356.37	\$205.06	\$205.06
Corona	Corona Cruiser Fare Subsidy	\$90.75	\$90.75	\$56.26	\$56.26
Covina	Commuter Choice	\$117.72	\$117.72	\$67.66	\$67.66
Garden Grove	Transit Subsidy (Metrolink & Bus)	\$125.20	\$125.20	\$71.91	\$71.91
Glendale	Transit Fare Subsidy	\$203.08	\$203.08	\$116.64	\$116.64
Huntington Beach	Major Event Shuttle Program	\$1,317.04	\$1,317.04	\$818.41	\$818.41
La Habra	Shuttle to Transport Seniors	\$4,777.02	\$10,328.76	\$2,799.28	\$6,052.54
Laguna Beach	Free Main Line Service During the Summer	\$544.52	\$544.52	\$334.29	\$334.29
Mission Viejo	Mission Viejo (MV) Shuttle: FY18/19	\$785.60	\$785.60	\$1,064.21	\$1,064.21
Monrovia	Bus Services	\$199.22	\$199.22	\$117.29	\$117.29
Norwalk	Transit Subsidy	\$156.53	\$156.53	\$89.91	\$89.91
Placentia	Senior Mobility Program	\$307.24	\$1,617.67	\$176.47	\$929.14
Rancho Palos Verdes	Route 225 Extension (Year3 of 3)	\$423.72	\$423.72	\$229.21	\$229.21
Riverside (City)	Riverside Go Transit Bus Pass Subsidy	\$25.30	\$25.30	\$15.02	\$15.02
Riverside (City)	City Pass Program	\$175.19	\$175.19	\$100.52	\$100.52
San Clemente	San Clemente Summer Trolley	\$185.47	\$185.47	\$128.87	\$128.87
San Juan Capistrano	Sr. Nutritional Transportation Program	\$422.55	\$2,173.76	\$257.16	\$1,322.94
San Juan Capistrano	Trolley Program	\$1,401.84	\$4,779.41	\$964.41	\$3,288.05
Santa Fe Springs	GO RIO (2018-2019)	\$35.62	\$35.62	\$21.38	\$21.38
Santa Fe Springs	GO RIO (2017-2018)	\$32.27	\$32.27	\$19.34	\$19.34
Santa Fe Springs	GO RIO (2016-2017)	\$29.04	\$29.04	\$17.37	\$17.37
Seal Beach	Senior Transportation Nutrition Shuttle	\$1,881.13	\$1,881.13	\$3,812.59	\$3,812.59
South El Monte	Bus Subsidy Program	\$47.53	\$47.53	\$27.98	\$27.98
South Pasadena	Free Ride to Work Bus Pass Program	\$451.75	\$451.75	\$259.21	\$259.21
Walnut	Bus Pass Subsidies	\$88.12	\$88.12	\$51.88	\$51.88
Whittier	GO RIO Whittier College bus pass program	\$21.09	\$21.09	\$12.63	\$12.63
<b>(5) Traffic Management</b>					
Anaheim	Citywide Traffic Signal Synchronization	\$4.21	\$4.76	\$3.19	\$3.60
Costa Mesa	Bear Street Traffic Signal Synchronization	\$14.63	\$14.63	\$11.24	\$11.24
Costa Mesa	Sunflower Avenue Traffic Signal	\$24.18	\$24.18	\$18.23	\$18.23
Costa Mesa	Fairview Road Traffic Signal	\$26.52	\$26.52	\$20.37	\$20.37
Highland	Traffic Signal Synchronization	\$4.64	\$6.96	\$3.42	\$5.13



Project Category	Project Name	Cost-Effectiveness (\$/lb)		Cost-Effectiveness (\$/lb)	
		*Based on		Based on	
		ROG+NOx+PM2.5		ROG+NOx+PM2.5+CO/7	
		Air Funds	ALL Funds	Air Funds	ALL Funds
Laguna Niguel	Traffic Signal Coordination	\$1.29	\$1.29	\$1.00	\$1.00
Lake Forest	Alton Parkway Traffic Signal Synchronization	\$3.87	\$3.87	\$2.27	\$2.27
Lake Forest	El Toro Rd Traffic Signal Synchronization	\$0.84	\$48.27	\$0.63	\$36.39
Lake Forest	Barranca/Muirlands Traffic Signal	\$1.26	\$121.93	\$0.95	\$91.92
Lake Forest	Bake Parkway Traffic Signal	\$0.07	\$0.07	\$0.04	\$0.04
Loma Linda	Fiber Optic Cable Install - Traffic Signal	\$22.94	\$22.94	\$18.53	\$18.53
Los Angeles (City)	4. Van Ness Av from Slauson to	\$11.91	\$11.91	\$9.26	\$9.26
Los Angeles (City)	8. Hooper Av from Slauson Av to	\$14.98	\$14.98	\$11.65	\$11.65
Los Angeles (City)	7. 14th Street from San Pedro to Wilson	\$7.68	\$7.68	\$5.81	\$5.81
Los Angeles (City)	9. Louise Av from Rinaldi St to Ventura Bl	\$18.08	\$18.08	\$13.56	\$13.56
Los Angeles (City)	5. York Bl from San Pascual to Armadale Av	\$9.13	\$9.13	\$7.10	\$7.10
Los Angeles (City)	3. La Tijera Bl from La Cienega to 74th	\$2.78	\$2.78	\$2.25	\$2.25
Los Angeles (City)	2. Martin Luther King Bl from Normandie	\$10.80	\$10.80	\$7.56	\$7.56
Los Angeles (City)	1. Griffin Av from Mission Rd to Ave 28	\$18.74	\$18.74	\$14.57	\$14.57
Los Angeles (City)	11. San Fernando Road from Fox St to	\$6.57	\$6.57	\$5.11	\$5.11
Los Angeles (City)	10. Front St / Harbor Bl from Pacific Av to	\$25.92	\$25.92	\$18.15	\$18.15
Los Angeles (City)	6. 1st Street from Main St to Indiana St	\$6.12	\$6.12	\$4.87	\$4.87
Mission Viejo	City of Mission Viejo Traffic Signal	\$5.57	\$5.57	\$4.23	\$4.23
Moreno Valley	Traffic Signal Coordination Program	\$63.29	\$63.29	\$47.47	\$47.47
Murrieta	TRAFFIC OPTIMIZATION (CIP 8330)	\$10.89	\$10.89	\$8.03	\$8.03
Placentia	Chapman-Malvern Regional Traffic Signal	\$0.62	\$0.62	\$0.46	\$0.46
Rancho Cucamonga	FWY/Arterial Synchronization Project	\$7.31	\$7.31	\$5.38	\$5.38
Rancho Santa Margarita	Antonio Pkwy Signal & Equip. Upgrade	\$8.30	\$8.30	\$4.47	\$4.47
Riverside (City)	Riverside Traffic Management Center	\$27.36	\$27.36	\$20.82	\$20.82
Santa Clarita	Signal Synchronization Phase IV Project	\$15.71	\$15.71	\$12.36	\$12.36
Santa Clarita	Signal Synchronization Phase V Project C0048	\$11.76	\$11.76	\$8.87	\$8.87
<b>(6) Transportation Demand Management</b>					
Anaheim	TRIP REDUCTION	\$101.05	\$114.34	\$58.04	\$65.67
Anaheim	Vanpool	\$567.23	\$684.69	\$406.48	\$490.65
Arcadia	Rideshare Plus Program	\$341.85	\$341.85	\$196.35	\$196.35
Azusa	Rideshare Financial Incentives	\$126.42	\$126.42	\$72.61	\$72.61
Baldwin Park	Employer Trip Reduction Incentive Program	\$87.29	\$87.29	\$50.14	\$50.14
Bell Gardens	Employee Rideshare Subsidies	\$43.57	\$43.57	\$25.05	\$25.05
Buena Park	Employer Trip Reduction Program	\$238.19	\$238.19	\$136.81	\$136.81
Burbank	Employee Transit Subsidies	\$443.35	\$443.35	\$254.64	\$254.64
Burbank	Employee Rideshare Subsidies	\$167.69	\$167.69	\$96.32	\$96.32

Project Category	Project Name	Cost-Effectiveness (\$/lb)		Cost-Effectiveness (\$/lb)	
		*Based on		Based on	
		ROG+NOx+PM2.5		ROG+NOx+PM2.5+CO/7	
		Air Funds	ALL Funds	Air Funds	ALL Funds
Carson	EMPLOYEE CARPOOL PROGRAM	\$123.57	\$123.57	\$70.97	\$70.97
Cerritos	City Employee Rideshare Trip Rebate	\$202.08	\$202.08	\$116.07	\$116.07
Commerce	Employer Based Trip Reduction	\$104.45	\$104.45	\$60.00	\$60.00
County of LA	Employee Commute Reduction Program	\$22.14	\$22.14	\$12.72	\$12.72
County of Orange	Employee Rideshare Program	\$5.23	\$42.89	\$3.01	\$24.66
County of Riverside	Commuter Service Rideshare Program	\$11.55	\$11.55	\$6.64	\$6.64
County of San Bernardino	Employee Commute Reduction Program	\$172.57	\$172.57	\$99.12	\$99.12
County of San Bernardino	Vanpool Subsidy Program	\$63.10	\$63.10	\$40.67	\$40.67
Downey	Downey Employee "Thumbs Up"	\$410.09	\$410.09	\$235.54	\$235.54
El Monte	Monthly Rideshare Incentive	\$153.71	\$153.71	\$88.29	\$88.29
Fontana	Employee Rideshare Program	\$35.42	\$35.42	\$20.36	\$20.36
Garden Grove	TDM Services	\$640.75	\$640.75	\$368.03	\$368.03
Garden Grove	Vanpool Program Conventional Gas	\$236.58	\$236.58	\$143.68	\$143.68
Glendale	Employer Based Trip Reduction Program	\$23.30	\$23.30	\$13.38	\$13.38
Glendora	Alternative Commute Program	\$66.13	\$66.13	\$37.99	\$37.99
Hawthorne	Financial Incentive for Rideshare	\$171.27	\$171.27	\$98.37	\$98.37
Hermosa Beach	Auto Trip Reduction	\$266.44	\$266.44	\$153.03	\$153.03
Huntington Beach	Employee Rideshare	\$347.78	\$347.78	\$199.59	\$199.59
La Verne	Bike, Carpool, Walk, Incentive Program	\$425.70	\$425.70	\$244.51	\$244.51
Laguna Beach	Free Ride to Work Bus Pass Program	\$22.78	\$22.78	\$13.98	\$13.98
Los Angeles (City)	Employer's Carpool Transit Incentive Program	\$110.53	\$110.53	\$63.49	\$63.49
Los Angeles (City)	Bicycle Transit Incentive Program	\$625.19	\$625.19	\$353.15	\$353.15
Los Angeles (City)	Employer's Transit Subsidy Program	\$86.23	\$86.23	\$49.53	\$49.53
Los Angeles (City)	Employer's Vanpool Program	\$33.87	\$180.89	\$24.16	\$129.04
Los Angeles (City)	Employer's Walk Incentive Program	\$250.08	\$250.08	\$140.87	\$140.87
Monrovia	Rideshare Program Raffle	\$23.79	\$23.79	\$13.66	\$13.66
Montebello	Employee Commute Reduction Program	\$134.53	\$134.53	\$77.27	\$77.27
Monterey Park	Employee Rideshare Program	\$102.53	\$102.53	\$58.89	\$58.89
Newport Beach	Employee Rideshare Program	\$943.94	\$943.94	\$542.17	\$542.17
Ontario	Rideshare	\$114.43	\$114.43	\$65.73	\$65.73
Orange (City)	Trip Reduction Program	\$151.10	\$151.10	\$86.79	\$86.79
Palm Desert	City Rideshare Program	\$91.23	\$91.23	\$52.44	\$52.44
Pasadena	Rideshare program	\$61.63	\$61.63	\$35.40	\$35.40
Rancho Cucamonga	Rideshare Program	\$344.38	\$344.38	\$197.80	\$197.80
Redondo Beach	Employee Rideshare	\$130.86	\$130.86	\$75.20	\$75.20
Rialto	Employee Rideshare Program	\$338.82	\$338.82	\$194.61	\$194.61
Riverside (City)	Employee Rideshare Program	\$125.83	\$125.83	\$72.27	\$72.27

Project Category	Project Name	Cost-Effectiveness (\$/lb)		Cost-Effectiveness (\$/lb)	
		*Based on		Based on	
		ROG+NOx+PM2.5		ROG+NOx+PM2.5+CO/7	
		Air Funds	ALL Funds	Air Funds	ALL Funds
<i>San Bernardino (City)</i>	Rideshare Program	\$165.36	\$165.36	\$94.98	\$94.98
<i>Santa Ana</i>	Blue Skies Rideshare	\$1,143.41	\$1,143.41	\$656.89	\$656.89
<i>Santa Clarita</i>	Rideshare passes	\$28.00	\$28.00	\$16.08	\$16.08
<i>South Pasadena</i>	Laptop for Telecommunication	\$566.14	\$566.14	\$324.84	\$324.84
<i>Stanton</i>	Commute Incentive Program	\$76.41	\$76.41	\$43.89	\$43.89
<i>Torrance</i>	Employee Rideshare	\$79.53	\$79.53	\$45.72	\$45.72
<i>Upland</i>	Rideshare Activities	\$262.07	\$262.07	\$150.52	\$150.52
<i>West Hollywood</i>	Alternative Mode Transportation Incentive	\$305.53	\$305.53	\$175.49	\$175.49
<i>Westminster</i>	Employee Rideshare Program	\$83.48	\$83.48	\$47.95	\$47.95
<i>Whittier</i>	Employee-Based Trip Reduction	\$259.90	\$259.90	\$149.07	\$149.07
<i>Whittier</i>	Web-based software upgrade	\$81.04	\$81.04	\$46.23	\$46.23
<b>(8) Bicycles</b>					
<i>Calimesa</i>	County Line Road Transportation Corridor	\$350.96	\$350.96	\$221.11	\$221.11
<i>Fontana</i>	Alder-Locust-Ramona SRTS	\$2,847.03	\$2,847.03	\$1,610.45	\$1,610.45
<i>Fullerton</i>	East Wilshire Bike Boulevard	\$139.29	\$139.29	\$87.75	\$87.75
<i>Garden Grove</i>	Bicycle Purchase Loan Program	\$848.52	\$848.52	\$303.43	\$303.43
<i>Glendora</i>	Purchase of New Bikes	\$445.78	\$445.78	\$159.41	\$159.41
<i>Irvine</i>	Infrastructure and Amenity Improvements	\$3,749.19	\$3,749.19	\$2,424.25	\$2,424.25
<i>Long Beach</i>	Pier J Bicycle Path	\$12,007.08	\$35,165.65	\$7,591.64	\$22,233.95
<i>Long Beach</i>	3rd & Broadway Cycle Track	\$1,261.47	\$5,764.73	\$788.66	\$3,604.05
<i>Long Beach</i>	Bike Share (PWT010-35)	\$1,227.03	\$11,136.39	\$785.44	\$7,128.59
<i>Long Beach</i>	Willow St Bike Path Gap Closure	\$520.56	\$539.90	\$325.45	\$337.54
<i>Orange (City)</i>	Police Bike Team	\$177.84	\$177.84	\$63.60	\$63.60
<i>Perris</i>	Purchase of Electric Bikes	\$8,335.36	\$8,335.36	\$2,395.67	\$2,395.67
<i>Rancho Cucamonga</i>	PE Trail Enhancements	\$1,139.44	\$1,139.44	\$717.86	\$717.86
<i>Riverside (City)</i>	Bike Riverside	\$1,092.31	\$1,092.31	\$748.63	\$748.63
<b>(9) PM Reduction Strategies</b>					
<i>Cathedral City</i>	Regional PM10 Street Sweeping Program	\$150.33	\$150.33	\$150.31	\$150.31
<i>Coachella</i>	Regional PM10 Street Sweeping Program	\$150.51	\$150.51	\$150.50	\$150.50
<i>County of Riverside</i>	Regional PM10 Street Sweeping Program	\$145.63	\$145.63	\$145.62	\$145.62
<i>Desert Hot Springs</i>	Regional PM 10 Street Sweeping Program	\$149.98	\$149.98	\$149.96	\$149.96
<i>El Monte</i>	Regional PM10 Street Sweeper Contract (2	\$1.43	\$1.43	\$1.43	\$1.43
<i>Hawthorne</i>	RM 10 reduction street sweeping project	\$5.22	\$5.22	\$5.15	\$5.15
<i>Indian Wells</i>	Regional PM10 Street Sweeping Program	\$146.59	\$146.59	\$146.57	\$146.57
<i>Indio</i>	Regional PM10 Street Sweeping Program	\$188.35	\$188.35	\$188.34	\$188.34
<i>La Quinta</i>	Regional PM10 Street Sweeping Program	\$150.35	\$150.35	\$150.33	\$150.33

Project Category	Project Name	Cost-Effectiveness (\$/lb)		Cost-Effectiveness (\$/lb)	
		*Based on		Based on	
		ROG+NOx+PM2.5		ROG+NOx+PM2.5+CO/7	
		Air Funds	ALL Funds	Air Funds	ALL Funds
<i>Loma Linda</i>	City Street Sweeping	\$31.60	\$31.60	\$31.47	\$31.47
<i>Lomita</i>	Leasing alternative fuel street sweepers	\$1.65	\$1.65	\$1.63	\$1.63
<i>Moreno Valley</i>	Street Sweeping Program	\$9.83	\$9.83	\$9.70	\$9.70
<i>Palm Desert</i>	Regional PM10 Street Sweeping Program	\$149.57	\$149.57	\$149.56	\$149.56
<i>Palm Springs</i>	Regional PM 10 Street Sweeping Program	\$150.13	\$150.13	\$150.11	\$150.11
<i>Rancho Mirage</i>	Regional PM10 Street Sweeping Program	\$148.89	\$148.89	\$148.87	\$148.87
<i>Walnut</i>	Street Sweeping with CNG Sweeper	\$3.81	\$3.81	\$3.76	\$3.76
<b>(11) Miscellaneous Projects</b>					
<i>Alhambra</i>	Rule 2202	\$128.71	\$128.71	\$73.35	\$73.35
<i>Chino</i>	Vehicle Emission Credits Purchased	\$20.74	\$20.74	\$12.29	\$12.29
<i>County of Riverside</i>	Purchase of Mobile Source Emission	\$20.56	\$20.56	\$20.56	\$20.56
<i>Fullerton</i>	Rule 2202 Emission Credits	\$26.41	\$26.41	\$15.66	\$15.66
<i>Inglewood</i>	Rule 2202 MSERC's	\$11.98	\$11.98	\$6.83	\$6.83
<i>Irvine</i>	Purchase Rule 2202 Credits	\$25.15	\$25.15	\$14.34	\$14.34
<i>Pomona</i>	Purchase of Emission Credits	\$19.22	\$19.22	\$7.34	\$7.34
<i>Riverside (City)</i>	AQMD Rule 2202 Compliance	\$35.40	\$35.40	\$20.98	\$20.98
<i>Riverside (City)</i>	ProjectDox	\$2,782.55	\$2,782.55	\$2,526.18	\$2,526.18
<i>Whittier</i>	Rule 2202 Compliance - Emission Credits	\$10.33	\$10.33	\$6.13	\$6.13

\*Used for Statewide Comparisons.

Air Funds include MV Fees, MSRC, and Moyer dollars. All Funds also include CMAQ and other Co-funding.

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## Summary of Projects that Reported Cost-Effectiveness

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Fiscal Year 2018 - 2019

<b>Motor Vehicle Fees</b>	\$14,770,118
<b>Air Funds (MV Fees+ MSRC + Moyer)</b>	\$15,604,043
<b>Amortized Air Funds</b>	\$7,079,732
<b>Emission Reductions (lbs per year)</b> (ROG + NOx + PM2.5 + CO/7)	282,377
<b>Average Cost-Effectiveness (dollars per lb)</b>	\$25.07

This report includes only projects with cost-effectiveness greater than zero.

Cost-effectiveness equals amortized Air Funds (MV Fees + MSRC + Moyer dollars) divided by  
ROG + NOx + PM2.5 + CO/7.