

2016 Ventura County Reasonably Available Control Measures Analysis

| Measure No. | Measure Title | Description | Feasible for Use in VC? | Reasoned Justification for Infeasible Measure | Potential Implementing Agency |
|---|---|---|-------------------------|--|---|
| Section 108(f) 1. Programs For Improved Public Transit | | | | | |
| 1.1 | Regional Express Bus Program | Purchase of buses to operate regional express bus services. | yes | | Transit Operators, VCTC |
| 1.2 | Transit Access to Airports | Operation of transit to airport to serve air passengers. | no | Not economically feasible because there are not enough air passengers in Ventura County. | |
| 1.3 | Study Benefits of a Particulate Trap Retrofit Program | Examine potential to accelerate application of particulate traps on diesel-powered buses to achieve earlier compliance with State regulations. | yes | | Transit Operators, VCAPCD |
| 1.4 | Major Expansion of Mass Transit | Major change to the scope and service levels. | no | Not economically feasible because there is not enough transit demand for order of magnitude increases in spending. | |
| 1.5 | Expansion of Public Transportation Systems | Expand and enhance existing public transit services. | yes | | Transit Operators, VCTC |
| 1.6 | Transit Service Improvements in Combination with Park-and-Ride Lots and Parking Management | Local jurisdictions and transit agency improve the public transit system and add new Park-and-Ride facilities and spaces on an as needed basis. | yes | | Cities, County, Transit Operators, VCTC |
| 1.7 | Free transit during special events | Offer free transit during selected special events to reduce event-related congestion and associated emission increases. | no | No authority to implement, however, individual transit agencies could decide whether this measure would be feasible to implement for them. | |
| 1.8 | Require that government employees use transit for home to work trips, expand transit, and encourage large businesses to promote transit use | Require all government employees use transit a specified number of times per week. | no | No authority to implement. | |
| 1.9 | Increase parking at transit centers or stops | Encourage transit convenience by providing additional parking at transit centers. | yes | | Cities, County, Transit Operators, VCTC |
| 1.10 | Expand regional transit connection ticket distribution | Provides interchangeability of transit ticket. | yes | | Transit Operators, VCTC |

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| (CONTINUED) Section 108(f) 1. Programs For Improved Public Transit | | | | | |
| 1.11 | Provide free public transit during episodes | Provide free transit rides during high level ozone episodes. | no | Not economically feasible. | |
| 1.12 | Dedicated Bus Lanes | Dedicate or construct lanes for transit bus service. | yes | | Cities, County, Transit Operators |
| 1.13 | Half Price Fares on Feeder Bus Service | All local transit bus services to rail stations reduce fare by half. | no | Not economically feasible. | |
| 1.14 | Real-Time Bus Schedule information | Expand trials of real-time bus schedule information to local transit providers. | yes | | Transit Operators, VCTC |
| 1.15 | Shorter Distance from Buildings to Bus Stops | For existing buildings, re-route traffic to allow buses to come closer to the building. For new buildings, alter setback requirements to allow closer bus access. | no | Not economically feasible. | |
| 1.16 | Subscription Services | Free van service to provide transportation for the elderly, handicapped or the individuals who have no access to transportation. | no | Not economically feasible. | |
| 1.17 | Consolidation of Public Transit Operators | Consolidate all public transit agencies in the County. | no | No authority to implement. | |
| 1.18 | Transit Voucher Program | Transit vouchers for elderly and low income commuter. | Yes | | Transit Operators, VCTC |

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| Section 108(f) 2. Restriction Of Certain Roads Or Lanes To, Or Construction Of Such Roads Or Lanes For Use By, Passenger Buses Or High Occupancy Vehicles | | | | | |
| 2.1 | Update High Occupancy Vehicle (HOV) Lane Master Plan | Analysis of increased enforcement, increasing occupancy requirements, conversion of existing HOV lanes to bus only lanes and/or designation of any new carpool lanes as bus-only lanes; utilization of freeway shoulders for peak-period express bus use; commercial vehicle buy-in to HOV lanes; and appropriateness of HOV lanes for corridors that have considered congestion pricing or value pricing. | yes | | Caltrans, SCAG, VCTC |
| 2.2 | Fixed Lanes for Buses and Carpools on Arterials | Provide fixed lanes for buses and carpools on arterial streets where appropriate. | yes | | Caltrans, SCAG, VCTC |
| 2.3 | Expand number of freeway miles available, allow use by alternative fuel vehicles, changes to HOV lane requirements and hours | Various measures evaluated in many ozone nonattainment areas. Specifics vary according to freeway system, use patterns and local characteristics. | yes | | ARB, Caltrans |

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| Section 108(f) 3. Employer-Based Transportation Management Plans, including incentives | | | | | |
| 3.1 | Commute Solutions | The federal law that complements parking cash-out is called the Commuter Choice Program. It provides for benefits that employers can offer to employees to commute to work by methods other than driving alone. | yes | | Employers, Transit Operators, VCTC |
| 3.2 | Parking Cash-Out | State law requires certain employers who provide subsidized parking for their employees to offer cash allowance in lieu of a parking space. | yes | | ARB, Employers |
| 3.3 | Employer Rideshare Program Incentives | Employer rideshare incentives and introduction of strategies designed to reduce single occupant vehicle trips. Examples include: public awareness campaigns, Transportation Management Associations among employers, alternative work hours, and financial incentives for TCM participants as well as tax breaks for employers. | yes | | Employers, VCAPCD, VCTC |
| 3.4 | Implement Parking Charge Incentive Program | Evaluate feasibility of an incentive program for cities and employers that convert free public parking spaces to paid spaces. Review existing parking policies as they relate to new development approvals. | yes | | Cities, County, Employers |
| 3.5 | Preferential Parking for Carpools and Vanpools | This measure encourages public and private employers to provide preferential parking spaces for carpools and vanpools to decrease the number of single occupant automobile work trips. The preferential treatment could include covered parking spaces or nearby spaces. | yes | | Employers, VCAPCD |
| 3.6 | Employee Parking Fees | Encourage public and private employers to charge employees for parking. | no | Not technologically feasible because the region is not urbanized enough to make it effective and could have negative effect to public parking areas (curb parking). | |

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| (CONTINUED) Section 108(f) 3. Employer-Based Transportation Management Plans, including incentives | | | | | |
| 3.7 | Merchant Transportation Incentives | Implement "non-work" trip reduction ordinances requiring merchants to offer customers mode shift travel incentives such as free bus passes and requiring owners/managers/developers of large retail establishments to provide facilities for non-motorized modes. | no | No authority to implement. | |
| 3.8 | Purchase vans for vanpools | Purchase a specified number of vans for use in employee commute travel. | yes | | Employers |
| 3.9 | Encourage merchants and employers to subsidize the cost of transit for employees | Provide outreach and possible financial incentives to encourage local employers to provide transit passes or subsidies to encourage less individual vehicle travel. | yes | | VCAPCD, VCTC |
| 3.10 | Off-days for ozone alerts just like sick days | On ozone alert days, notify employees through email that there is an ozone alert. Employees are given a pre-specified number of days they can decide not to come in to work on ozone forecast days. | no | No authority to implement. Not economically feasible. | |
| 3.11 | Pay for in-house meals on ozone action days | Employer pays for meals in-house on ozone alert days so that employees do not travel to off-site locations. | no | No authority to implement. | |
| 3.12 | Voluntary business closures on ozone action days | A more expensive version of "off-days" for ozone alerts. | no | No authority to implement. Not economically feasible. | |
| 3.13 | Close government offices on Ozone action days to serve as an example | Similar to voluntary business closures. | no | No authority to implement. | |
| 3.14 | Mandatory compressed work weeks | Self-explanatory. | no | No authority to implement. Employer could decide individually if measure is feasible for them. | |
| 3.15 | Telecommuting | Goal of specified percentage of employees telecommuting at least once per week. | no | No authority to implement. Employer could decide individually if measure is feasible for them. | |

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| (CONTINUED) Section 108(f) 3. Employer-Based Transportation Management Plans, including incentives | | | | | |
| 3.16 | Adopt a Safe Routes to School Policy | Adopt policy to increase the number of students to walk or bike to school by removing barriers that prevent children and adults from doing so. | yes | | Cities, County, School Districts, State, VCAPCD, VCTC |
| 3.17 | Increase Walk-to-School Programs | Develop and promote programs that encourage students to walk to school. | yes | | Cities, County, School Districts, VCAPCD, VCTC |
| 3.18 | Showers and Lockers at Work | Provide showers and lockers to encourage walking and biking to work. | yes | | Cities, County, State |
| 3.19 | Voluntary Employer Parking Cash-out Subsidy | Employers who provide free parking would voluntarily provide the cash equivalent of the parking subsidy to employees who do not drive to work. | yes | | Cities, County, Employers, State |
| 3.20 | Bike to Work Day | Conduct a one-day bike-to-work event. Provide outreach activities, education on the bike-to-work option, and provide assistance in trying bike to work. | yes | | Cities, County, VCAPCD, VCTC |

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| Section 108(f) 4. Trip Reduction Ordinance | | | | | |
| <p>In December 1995, Congress changed the Clean Air Act Amendments to make the Employee Commute Option program voluntary (no longer mandatory). California State Law prohibits mandatory employer based trip reduction ordinance programs (SB437). Therefore, no mandatory programs can be imposed.</p> | | | | | |

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| Section 108(f) 5. Traffic Flow Improvement Programs That Achieve Emission Reductions | | | | | |
| 5.1 | Develop Intelligent Transportation Systems | A variety of technological applications intended to produce more efficient use of existing transportation corridors. | Yes | | Caltrans, Cities, County, SCAG, Transit Operators, VCTC |
| 5.2 | Coordinate Traffic Signal Systems | This measure implements and enhances synchronized traffic signal systems to promote steady traffic flow at moderate speeds. | Yes | | Cities, County, VCTC |
| 5.3 | Reduce Traffic Congestion at Major Intersections | This measure implements a wide range of traffic control techniques designed to facilitate smooth, safe travel through intersections: signalization, turn lanes, median dividers, grade separations. | yes | | Cities, County |
| 5.4 | Site-Specific Transportation Control Measures | This measure could include geometric or traffic control improvements at specific congested intersections or at other substandard locations. Another example might be programming left turn signals at certain intersections to lag, rather than lead, the green time for through traffic. | yes | | Cities, County |
| 5.5 | Removal of On-Street Parking | Require all commercial/industrial development to design and implement off-street parking. | no | No authority to implement. | |
| 5.6 | Reversible Lanes | Implement reversible lanes on arterial streets to improve traffic flow where appropriate. | no | Not technologically feasible because there is not sufficient congestion. | |
| 5.7 | One-Way Streets | Redesignate streets (or portions of in downtown areas) as one-way to improve traffic flow where appropriate. | yes | | Cities, County |
| 5.8 | On-Street Parking Restrictions | Restrict on-street parking where appropriate. | no | No authority to implement. | |
| 5.9 | Bus Pullouts in Curbs for Passenger Loading | Provide bus pullouts in curbs, or queue jumper lanes for passenger loading and unloading. | yes | | Cities, County, Transit Operators, VCTC |

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| (CONTINUED) Section 108(f) 5. Traffic Flow Improvement Programs That Achieve Emission Reductions | | | | | |
| 5.10 | Additional Freeway Service Patrol | Operation of additional lane miles of new roving tow truck patrols to clear incidents and reduce delay on freeways during peak periods. | no | Not economically feasible. Current and projected congestion levels are too low to warrant measure. | |
| 5.11 | Consider coordinating scheduling of arterial and highway maintenance to exclude ozone action days if the maintenance activities require lane reductions on heavily utilized arterials and highways | Self-explanatory. | yes | | Caltrans, Cities, County, VCAPCD |
| 5.12 | Re-routing of trucks on ozone days | Self-explanatory. | yes | | VCAPCD |
| 5.13 | Fewer stop signs | Improve flow-through traffic by removing stop signs. | no | Not technologically feasible because the safety issue outweighs the potential small air quality benefit. | |
| 5.14 | Ban left turns | Banning all left turns would stop the creation of bottlenecks although slightly increase travel distances. | no | No clear demonstration of air quality benefits. | |
| 5.15 | Adaptive traffic signals and signal timing | Self explanatory. | yes | | Caltrans, Cities, County |
| 5.16 | Freeway bottleneck improvements (add lanes, construct shoulders, etc.) | Identify key freeway bottlenecks and take accelerated action to mitigate them. | yes | | Caltrans, SCAG, VCTC |
| 5.17 | Minimize impact of construction on traveling public. Have contractors pay when lanes are closed as an incentive to keep lanes open | Prohibit lane closures during peak hours, limit construction to weekends or nights. | yes | | Caltrans, Cities, County |
| 5.18 | Internet provided road and route information | Reduce travel on highly congested roadways by providing accessible information on congestion and travel. | yes | | Caltrans |
| 5.19 | Regional route marking systems to encourage underutilized capacity | Encourage travel on local roads and arterials by better route marking to show alternatives. | yes | | Caltrans, Cities, County, VCTC |

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| (CONTINUED) Section 108(f) 5. Traffic Flow Improvement Programs That Achieve Emission Reductions | | | | | |
| 5.20 | Congestion management field team to clear incidents | Self-explanatory. | no | Not economically feasible. Current and projected congestion levels too low to warrant measure. | |
| 5.21 | Use dynamic message signs to direct/smooth speeds during incidents | Self-explanatory. | yes | | Caltrans |
| 5.22 | Get real-time traffic information to drivers | Self-explanatory. | yes | | Caltrans, VCTC |
| 5.23 | 55 mph speed limit during ozone season | Self-explanatory. | no | No authority to implement. The measure requires state legislative change. | |
| 5.24 | Require 40 mph speed limit on all facilities | Depends on area's emission factors. | no | No authority to implement. The measure requires state legislative change. | |
| 5.25 | Require lower speeds during peak periods | Self-explanatory. | no | No authority to implement. The measure requires state legislative change. | |
| 5.26 | Street Intersection Realignment | Realign skewed intersections to provide better traffic flow and safety. | yes | | Caltrans, Cities, County |
| 5.27 | Extend Ramp Metering | Install signals to control flow of vehicles at selected freeway ramp entrances to maintain level of service. | yes | | Caltrans |
| 5.28 | Road Hazard Reporting | Provide real-time traffic information to help drivers make decisions about when and where to travel. | yes | | Caltrans |

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| Section 108(f) 6. Fringe And Transportation Corridor Parking Facilities Serving Multiple Occupancy Vehicle Programs Or Transit Service | | | | | |
| 6.1 | Park and ride lots | Develop, design and implement new Park and Ride facilities in locations where they are needed. | yes | | Caltrans, Cities, County, Transit Operators, VCTC |
| 6.2 | Park and ride lots serving perimeter counties | Specific to a locality. | yes | | Cities, County, SCAG, VCTC |
| 6.3 | Regional Parking Regulation to Provide Incentives for alternative transportation modes | Regulation to provide parking facilities and designs to encourage carpools, vanpools, and bicycling. | yes | | Cities, County, SCAG, VCTC |

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| Section 108(f) 7. Programs To Limit Or Restrict Vehicle Use In Downtown Areas Or Other Areas Of Emission Concentration Particularly During Periods Of Peak Use | | | | | |
| 7.1 | Off-Peak Goods Movement | Implement an ordinance to restrict truck deliveries by time or place in order to minimize traffic congestion during peak periods. | no | No authority to implement. | |
| 7.2 | Truck Restrictions During Peak Periods | Implement an ordinance to restrict truck travel during peak periods in order to minimize traffic congestion. | no | No authority to implement. | |
| 7.3 | Involve school districts to encourage walking to school | Decrease vehicle emissions due to school trips by reducing these trips through education and out-reach programs. | yes | | School Districts, VCAPCD |
| 7.4 | Adjust school hours so they do not coincide with peak traffic periods and Ozone seasons | Measure to reduce travel during peak periods and ozone-contributing periods in the early morning. | no | No authority to implement. | |
| 7.5 | Area-wide tax for parking | Reduce driving by limiting parking through pricing measures. | no | No authority to implement. | |
| 7.6 | Increase parking fees | Same as above. | no | No authority to implement. | |
| 7.7 | Graduated pricing starting with highest in Central Business District (CBD) | Charge the most for parking in the central business or other high volume areas in a city to discourage vehicle travel in these areas. | no | No authority to implement. | |
| 7.8 | Buy parking lots and convert to other land use | Limit parking by converting available parking to other land uses to discourage driving. | no | Not technologically feasible because the area is too rural to be able to make this effective. | |
| 7.9 | Limit the number of parking spaces at commercial airlines to support mass transit | Reduce airport travel by limits on parking at airports. | no | Not technologically feasible because it is at the discretion of regional and local airport authority to make land use decisions pertaining to airports. | |
| 7.10 | No CBD vehicles unless LEV or alt fuel or electric | Define high-use area and ticket any vehicles present unless they are low emitting, alternative fueled or electric. | no | No authority to implement. | |
| 7.11 | Auto restricted zones | No vehicles allowed in certain areas where high emissions, congestion or contribution to ozone problems. | no | No authority to implement. | |
| 7.12 | Incentives to increase density around transit centers | Lower travel by increasing residential and commercial density in areas near transit. | yes | | Cities, County |
| 7.13 | Land use/air quality guidelines | Guidelines for development that contributes to air quality goals. | yes | | VCAPCD |

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| (CONTINUED) Section 108(f) 7. Programs To Limit Or Restrict Vehicle Use In Downtown Areas Or Other Areas Of Emission Concentration Particularly During Periods Of Peak Use | | | | | |
| 7.14 | Incentives for cities with good development practices | Provide financial or other incentive to cities that practice air quality-sensitive development. | yes | | ARB, SCAG, State Legislature |
| 7.15 | Cash incentives to foster jobs/housing balance | Specific to locality – encouraged by California Clean Air Plan. | yes | | ARB, Cities, County, SCAG, VCAPCD |
| 7.16 | Trip reduction oriented development | Specific to locality – encouraged by California Clean Air Plan. | yes | | ARB, Cities, County, SCAG, VCAPCD |
| 7.17 | Transit oriented development | Specific to locality – encouraged by California Clean Air Plan. | yes | | ARB, Cities, County, SCAG, VCAPCD |
| 7.18 | Sustainable development | Specific to locality – encouraged by California Clean Air Plan. | yes | | ARB, Cities, County, SCAG, VCAPCD |

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| Section 108(f) 8. Programs For The Provision Of All Forms Of High-Occupancy, Shared-Ride Services | | | | | |
| 8.1 | Financial Incentives, Including Zero Bus Fares | Provide financial incentives or other benefits, such as free or subsidized bus passes and cash payments for not driving, in lieu of parking spaces for employees who do not drive to the workplace. | yes | | Employers |
| 8.2 | Internet ridematching services | Provide match-lists, route info, hours and contact information over the internet to assist individuals in joining or developing carpools. | yes | | SCAG, VCTC |
| 8.3 | Preferential parking for carpoolers | Provide free, covered, near-building or similar incentives to carpoolers. | yes | | Cities, County, Employers, VCTC |
| 8.4 | Credits and incentives for carpoolers | Self-explanatory. | yes | | Cities, County, Employers, VCTC |
| 8.5 | Employers provide vehicles to carpoolers for running errands or emergencies | Having vehicles available for work-day errands makes it easier to go to work without one. | yes | | Cities, County, Employers |
| 8.6 | Subscription Services | Free van services to provide transportation for the elderly, handicapped or other individuals who have no access to transportation. | yes | | Transit Operators, VCTC |
| 8.7 | School carpools | Self-explanatory. | no | No authority to implement. | |
| 8.8 | Guaranteed ride home | Provide guarantee rides via taxi, rental cars, etc. to carpoolers & vanpoolers who are left without a ride home. | yes | | Employers, VCTC |
| 8.9 | Auto sharing Program | Fund incentives for new auto sharing customers (i.e., Flexcar or Zipcar services). | yes | | Cities, County, VCTC |

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| Section 108(f) 9. Programs To Limit Portions Of Road Surfaces Or Certain Sections Of The Metropolitan Area To The Use Of Non-Motorized Vehicles Or Pedestrian Use, Both As To Time And Place | | | | | |
| 9.1 | Establish Auto Free Zones and Pedestrian Malls | Establish auto free zones and pedestrian malls where appropriate. | yes | | Cities, County |
| 9.2 | Encouragement of Pedestrian Travel | This measure involves encouraging the use of pedestrian travel as an alternative to automobile travel. Pedestrian travel is quite feasible for short shopping, business, or school trips. Promotion of pedestrian travel could be included in air pollution public awareness efforts to remind people of this basic alternative. | yes | | SCAG, VCTC, VCAPCD |
| 9.3 | Bicycle/Pedestrian Program | Fund high priority projects in countywide plans consistent with funding availability. | yes | | Cities, County, VCTC |
| 9.4 | Close certain roads for use by non-motorized traffic | During special events, weekends, or certain times of the day, close some roads to all but non-motorized traffic. | yes | | Cities, County |
| 9.5 | Encouragement of Bicycle Travel | Promotion of bicycle travel to reduce automobile use and improve air quality. Bikeway system planning, routes for inter-city bike trips to help bicyclists avoid other, less safe facilities. Another area for potential actions is the development and distribution of educational materials, regarding bicycle use and safety. | yes | | Caltrans, Cities, County, VCAPCD, VCTC |
| 9.6 | Free Bikes | Provide simple utilitarian bikes that can be used throughout the metro area and dropped off at destination for use by anyone desiring use. | no | No authority to implement. Evidence suggests that bicycle theft is a problem in other programs and renders this measure technically and economically infeasible. | |
| 9.7 | Cash Rebates for Bikes | Provide financial incentives to purchase bicycles and thereby encourage use. | no | No clear demonstration of air quality benefits. | |
| 9.8 | Close streets for special events for use by bikes and pedestrians | Self-explanatory. | yes | | Cities, County |
| 9.10 | Use condemned dirt roads for bike trails | Self-explanatory. | no | Not applicable because there are no condemned dirt roads in the region. | |

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| Section 108(f) 10. Programs For Secure Bicycle Storage Facilities And Other Facilities, Including Bicycle Lanes, For The Convenience And Protection Of Bicyclists, In Both Public And Private Areas | | | | | |
| 10.1 | Bike racks at work sites | Self explanatory. | yes | | Cities, County, Employers, VCTC |
| 10.2 | Bike Racks on Buses | Bike racks would be placed on a to-be-determined number of buses to increase bicycle travel. | yes | | Transit Operators, VCTC |
| 10.3 | Regional Bike Parking Ordinance for all new construction | Bike Transit Centers for/at all employment centers 100+ employees: Bike lockers, clothing lockers, showers, cleaners drop-off and pick-up. Bike repair and rental. | no | No authority to implement. | |
| 10.4 | Bike lockers at Metro stations, park & ride lots, other locations | Expand existing bike lockers at Metrorail stations; install bicycle storage spaces in parking lots. | no | Not economically feasible. | |
| 10.5 | Development of bicycle travel facilities | Encourages a variety of capital improvements to increase bicycle use. Off-street bikeways where high-speed roadways preclude safe bicycling. Clearly mark travel facilities signs and provide adequate maintenance. | yes | | Cities, County, VCTC |
| 10.6 | Provide bike pedestrian facilities safety patrols | Self-explanatory. | yes | | Cities, County |
| 10.7 | Inclusion of bicycle lanes on thoroughfare projects | Self-explanatory. | yes | | Cities, County, State |
| 10.8 | Bicycle lanes on arterial and frontage roads | Self-explanatory. | yes | | Cities, County, State |
| 10.9 | Bicycle route lighting | Self-explanatory. | yes | | Cities, County, State |

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| (CONTINUED) Section 108(f) 10. Programs For Secure Bicycle Storage Facilities And Other Facilities, Including Bicycle Lanes, For The Convenience And Protection Of Bicyclists, In Both Public And Private Areas | | | | | |
| 10.10 | Expedite bicycle projects from the RTP | Create bicycle and pedestrian master plan and build out at an accelerated rate to achieve benefits in time for attainment deadline. | Yes | | Cities, County, SCAG, VCTC |

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| Section 108(f) 11. Programs To Control Extended Idling Of Vehicles | | | | | |
| 11.1 | Limit Excessive Car Dealership Vehicle Starts | Require car dealers to limit the starting of vehicles for sale on their lot(s) to once every two weeks. Presently, a number of new and used car dealers start their vehicles daily to avoid batter failure and assure smooth start-ups for customer test drives. | no | Not technologically feasible because vehicles in the South Central Coast are started much less frequently than in colder climates. | |
| 11.2 | Limitations on Vehicle Idling | Limitations to limit extended idling operations of trucks. | yes | | ARB, VCAPCD |
| 11.3 | Turn off engines while stalled in traffic | Public outreach or police-enforced program. | no | The measure raises safety and congestion concerns and has no clear demonstration of air quality emissions benefits. | |
| 11.4 | Restrict idling | Require idle limits for trucks. | yes | | ARB, VCAPCD |
| 11.5 | Reduced idling at drive-throughs. Close window service | Mandate no idling or do not allow drive-through windows during ozone season. | no | No clear demonstration of air quality emissions benefits. This measure is not economically feasible. | |
| 11.6 | Promote use of Pony engines | Use special battery engines to keep air conditioning and other truck systems working while truck not in use. | yes | | ARB, VCAPCD |
| 11.7 | Idle restrictions at airport curbsides | Police enforced. | no | No commercial airport. This measure is implemented based on security restrictions. | |
| 11.8 | Control Extended idling of Buses and Trucks | Step-up enforcement of existing regulations to prevent extended vehicle idling. | no | Not economically feasible. Enforcement of idle restrictions is a low priority for police relative to their other missions. | |
| 11.9 | Outlaw idling in parking lots | Self-explanatory and police enforced program. | no | Not economically feasible. Enforcement of idle restrictions is a low priority for police relative to their other missions. The cost effectiveness of this measure has not been demonstrated. | |
| 11.10 | Truck Stop Electrification | Provide electric charging stations for at truck stops to power heating/AC units and other on-board equipment. | yes | | ARB, Caltrans, VCTC |

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| Section 108(f) 12. Program To Reduce Motor Vehicle Emissions, Consistent With Title II, Which Are Caused By Extreme Cold Start Conditions | | | | | |
| The definition of an "extreme cold start" specifies temperatures below 20 degrees Fahrenheit. Not applicable in the South Central Coast - no extreme cold start conditions. | | | | | |

2016 Ventura County Reasonably Available Control Measures Analysis

| Measure No. | Measure Title | Description | Feasible for Use in VC? | Reasoned Justification for Infeasible Measure | Potential Implementing Agency |
|---|-------------------------------------|--|-------------------------|---|-------------------------------|
| Section 108(f) 13. Employer-Sponsored Programs To Permit Flexible Work Schedules | | | | | |
| 13.1 | Alternative Work Schedules | Enables workers to choose their own working hours within certain constraints. Flextime provides the opportunity for employees to use public transit, ridesharing, and other nonmotorized transportation. A related strategy, staggered work hours, is designed to reduce peak congestion in the vicinity of the workplace. | yes | | Employers, VCAPCD |
| 13.2 | Modifications of Work Schedules | Implement alternate work schedules that flex the scheduled shift time for employees. Encourage the use of flexible or staggered work hours to promote off-peak driving and accommodate the use of transit and carpooling. | yes | | Employers, VCAPCD |
| 13.3 | Telecommunications-Telecommuting | Encourage the use of telecommuting in place of motor vehicle use where appropriate. | yes | | SCAG, VCAPCD |
| 13.4 | Telecommunications-Teleconferencing | Encourage the use of teleconferencing in place of motor vehicle use where appropriate. | yes | | SCAG, VCAPCD |

2016 Ventura County Reasonably Available Control Measures Analysis

| Measure No. | Measure Title | Description | Feasible for Use in VC? | Reasoned Justification for Infeasible Measure | Potential Implementing Agency |
|--|--|---|-------------------------|---|-------------------------------|
| Section 108(f) 14. Programs And Ordinances To Facilitate Non-Automobile Travel, Provision And Utilization Of Mass Transit, And To Generally Reduce The Need For Single-Occupant Vehicle Travel, As Part Of Transportation Planning And Development Efforts Of A Locality, Including Programs And Ordinances Applicable To New Shopping Centers, Special Events, And Other Centers Of Vehicle Activity | | | | | |
| 14.1 | Areawide Public Awareness Programs | This measure focuses on conducting ongoing public awareness programs throughout the year to provide the public with information on air pollution and encourage changes in driving behavior and transportation mode use. | yes | | VCAPCD, VCTC |
| 14.2 | Special Event Controls | This measure would require new and existing owners/operators of the special event centers to reduce mobile source emissions generated by their events. A list of optional strategies would be available that reduce mobile source emissions. The definition of "special event center" could be developed through the rule development process. | yes | | VCAPCD |
| 14.3 | Land Use/Development Alternatives | This measure includes encouraging land use patterns which support public transit and other alternative modes of transportation. In general, this measure would also encourage land use patterns designed to reduce travel distances between related land uses (e.g., residential-commercial). Shorter trip lengths ultimately relieve traffic congestion and improve air quality. | yes | | Cities, County, SCAG, VCTC |
| 14.4 | Voluntary No Drive Day Programs | Conduct voluntary no drive day programs during the ozone season through media and employer based public awareness activities. | yes | | VCAPCD |
| 14.5 | Evaluation of the Air Quality Impacts of New development and Mitigation of Adverse Impacts | Evaluate the air quality impacts of new development and mitigate any adverse impacts. | yes | | Cities, County, VCAPCD |
| 14.6 | Transportation for Livable Communities (TLC)/Housing Incentive Program | Program provides planning grants, technical assistance, and capital grants to help cities and nonprofit agencies define and implement transportation projects that support community plans including increased housing near transit. | yes | | SCAG, State, VCTC |
| 14.7 | Incentives to increase density around transit centers | Lower travel by increasing residential and commercial density in areas near transit. | yes | | Cities, County |

2016 Ventura County Reasonably Available Control Measures Analysis

| Measure No. | Measure Title | Description | Feasible for Use in VC? | Reasoned Justification for Infeasible Measure | Potential Implementing Agency |
|--|--|---|-------------------------|--|-------------------------------|
| (CONTINUED) Section 108(f) 14. Programs And Ordinances To Facilitate Non-Automobile Travel, Provision And Utilization Of Mass Transit, And To Generally Reduce The Need For Single-Occupant Vehicle Travel, As Part Of Transportation Planning And Development Efforts Of A Locality, Including Programs And Ordinances Applicable To New Shopping Centers, Special Events, And Other Centers Of Vehicle Activity | | | | | |
| 14.8 | Incentives for cities with good development practices | Provide financial or other incentive to local cities that practice air quality sensitive development. | yes | | Cities, SCAG, State |
| 14.9 | Increase state gas tax | Self-explanatory. | no | No authority to implement and no clear demonstration of air quality benefits. | |
| 14.10 | Notification of Spare The Air | This measure focuses on conducting ongoing public awareness programs throughout the year to provide the public with information on air pollution and encourage changes in driving behavior and transportation mode use. | yes | | VCAPCD |
| 14.11 | Display air quality data on billboards | Self-explanatory. | no | Not economically feasible. | |
| 14.12 | Sell clean air license plate to fund air quality programs | Self-explanatory | no | Need state legislation. No clear demonstration of air quality benefits. | |
| 14.13 | Government Action Days (spare the air day, ozone action day) | Declare a Spare The Air day when ozone levels reach episodic thresholds so that the public is informed and encouraged to scale back activities generating pollutants. | yes | | VCAPCD |
| 14.14 | Vehicle tax for two or more vehicles per household | Initiate legislation to put a vehicle tax on household with 2 or more vehicles. | no | Need state legislation. No clear demonstration of air quality benefits. Not economically feasible. | |
| 14.15 | Pay-As-You Drive Insurance | Self-explanatory. | No | Need state legislation. No clear demonstration of air quality emissions benefits. | |

2016 Ventura County Reasonably Available Control Measures Analysis

| Measure No. | Measure Title | Description | Feasible for Use in VC? | Reasoned Justification for Infeasible Measure | Potential Implementing Agency |
|--|--|---|-------------------------|--|-------------------------------|
| Section 108 (f) 15. Programs For New Construction And Major Reconstructions Of Paths, Tracks Or Areas Solely For The Use By Pedestrian Or Other Non-Motorized Means Of Transportation When Economically Feasible And In The Public Interest. For Purposes Of This Clause, The Administrator Shall Also Consult With The Secretary Of The Interior | | | | | |
| 15.1 | Encouragement of Pedestrian Travel | Promote public awareness and use of walking as an alternative to the motor vehicle | yes | | ARB, SCAG, VCAPCD |
| 15.2 | Pedestrian and Bicycle Overpasses Where Safety Dictates | Ongoing implementation as development occurs. | yes | | Cities, County |
| 15.3 | Require inclusion of bicycle lanes on state and federally funded thoroughfare projects | Require bicycle lanes on all state and federally funded road projects. | no | No authority to implement. Not economically feasible. | |
| 15.4 | Require inclusion of Paved shoulders adequate for bicycle use on state or federally funded reconstruction or widening of federal collectors | Require paved shoulders on state and federally funded roads that require reconstruction or widening. | no | No authority to implement. Not economically feasible. | |

2016 Ventura County Reasonably Available Control Measures Analysis

| Section 108(f) 16. Program To Encourage The Voluntary Removal From Use And The Marketplace Of Pre-1980 Model Year Light Duty Vehicles And Pre-1980 Model Light Duty Trucks | | | | | |
|--|--|---|-----|---|-------------|
| 16.1 | Counties assess ten dollar license plate fee to fund repair/replacement program for high-emitters | Self-explanatory. | no | No authority to implement. | |
| 16.2 | Buy vehicles older than 1975 | Self-explanatory. | yes | | ARB, VCAPCD |
| 16.3 | Demolish impounded vehicles that are high emitters | Self-explanatory. | no | No authority to implement. Not economically feasible. | |
| 16.4 | Do whatever is necessary to allow cities to remove the engines of high emitting vehicles (pre-1980) that are abandoned and to be auctioned | Self-explanatory. | no | No authority to implement. Not economically feasible. | |
| 16.5 | Accelerated retirement program | Identify high emitting vehicle age groups and develop a program to remove them from use. | yes | | ARB, VCAPCD |
| 16.6 | Increase fees for parking garages and meters during ozone episodes | Increase fees for parking garages to deter vehicle use during high ozone level days. | no | Not economically feasible. | |
| 16.7 | Charge city-owned parking garage pass holders a fee for more than one entrance and exit each day | Extra charges for pass holders to deter vehicle use and vehicle trips. | no | Not economically feasible. | |
| 16.8 | VMT Tax | Charge VMT tax of \$0.02 per mile for all vehicles registered or garaged in the region. | no | Need state legislation. | |