

San Joaquin Valley Air Pollution Control District
Project Plan:
South Central Fresno Community Emission Reduction Plan

Project Identification: *HD.11: HEAVY DUTY TRUCK REROUTING*

This is a Community Identified Project included and prioritized in the adopted South Central Fresno Community Emission Reduction Plan (page 58).

Project Description:

This measure will study whether heavy-duty trucks travelling within the community can be rerouted to reduce emissions exposure of South Central Fresno community residents. The CARB-derived 2017 community-scale emissions inventory for South Central Fresno indicates that heavy duty trucks emit 596 tpy of NO_x, which is 54% of the mobile source NO_x Inventory, and 32% of the overall NO_x inventory. Furthermore, heavy duty trucks account for 76 tpy of toxic diesel PM emissions in this community, which is 40% of the overall diesel PM inventory. The City of Fresno Public Works Department, Traffic Operations and Planning staff will provide in-kind services to support the preparation of a Truck Rerouting Study, "Study". The Study will focus on the analysis of existing and future planned routes as defined on the September 25, 2005 City of Fresno Designated Truck Route Map in the boundary area defined by Assembly Bill (AB) 617. The Study will also analyze potential changes to the designated routes, including eliminating existing routes and proposed new routes, as identified in the Southwest Specific Plan and during the community engagement process. The following scope is for the in-kind services the City of Fresno will provide in support of a Truck Rerouting Study.

- 1) City of Fresno staff will aid in the preparation of and processing the agreement between the San Joaquin Valley Air Pollution Control District (APCD) and the City of Fresno, including coordination with the legal staffs at both entities. City of Fresno staff will prepare a draft scope of work and provide to the San Joaquin Valley APCD for review and comment. City staff will facilitate the consultant selection and award process in consultation with the APCD. It will take approximately ten to twelve weeks to the award of a consultant contract.
- 2) City of Fresno staff will collect classification counts at all designated existing and future truck routes included in the AB617 boundary area. Staff will also collect classification counts along existing routes proposed to be eliminated or added through community plans, such as the Southwest Specific Plan and the community engagement process. Collection of the classification counts can begin in August assuming school is back in session and business activities are returned to a pre-COVID level. It will take approximately nine weeks to collect the classification count data.

- 3) City of Fresno staff will provide Project Management services throughout the project and serve as the lead with the Technical Working Group and be an active participant in all community meetings. The Technical Working Group will be comprised of a combination of Community Steering Committee members, City staff, Fresno COG staff, District staff and other key stakeholders and participants. The role of the Technical Working Group will be to devise the scope of the study, develop the solicitation materials, assist in selecting a contractor to complete the study and provide input to the contractor in all facets of the administration of the project. It is estimated the project can be completed in ten to twelve months after award of the contract.
- 4) The goal of this project is to study current truck routes in the community and determine whether potential alternative route(s) would support the goals of the AB 617 program to reduce community exposure to air pollution from local sources. The final report from the contractor is expected to demonstrate the feasibility and merit of the proposed new route(s), which will aim to include the following metrics: truck counts along current route of interest; identification of alternative routes; accessibility, capacity, VMT impact of proposed alternative routes; and air quality impact of alternative routes on community. The City of Fresno Public Works Department will then take the results of the study to the Fresno City Council for the governing body to consider implementing and enforcing the proposed new route(s).

Project Funding:

Total estimated funding amount is \$333,800, which includes:

- \$267,500 for a consultant contract and related project management costs
- \$66,300 in in-kind services from the City of Fresno

Eligibility:

- Any entity that meets the minimum qualifications established in the forthcoming solicitation is eligible to apply to administer this truck rerouting study.
- The selection of a contractor will be based on the results of a competitive solicitation. The scoring criteria for the solicitation will be developed collectively by the Technical Working Group, which will be comprised of a combination of Community Steering Committee members, City staff, Fresno COG staff, District staff and other key stakeholders and participants. Each application will be ranked and scored against this pre-determined scope of work and scoring criteria.

Community Support:

This measure was included in the approved CERP for South Central Fresno and was discussed at length during the adoption hearing on February 13, 2020. In addition, this measure was heavily supported during a September 2019 steering committee meeting during which a CERP measure prioritization exercise was conducted. The results of this prioritization exercise indicated strong community support for this measure. All community steering committee meetings are open to the public and time is made available at each meeting for public comments on any agenda items or other areas of interest to the general-public. In addition, the public is invited to participate in project/program prioritization exercises during the committee meetings.

Emission Reduction and Exposure Benefits:

This scope of measure is to study the potential for reducing resident's exposure to harmful emissions from rerouting heavy-duty trucks away from the community. Therefore, there are no direct emission reduction or exposure reduction benefits associated with this measure.

Qualitative Benefits:

This scope of measure is to study the potential for reducing resident's exposure to harmful emissions from rerouting heavy-duty trucks away from the community. The CCI Funding Guidelines Benefit Criteria Tables do not identify a qualitative benefit for this measure. However, should the results of the study identify feasible alternative truck routes that have the potential to reduce resident's exposure to emissions from heavy-duty vehicles without shifting emissions to another community or resulting in a significant impact to regional air quality through an increase in vehicle miles travelled (VMT), this measure may have indirect benefits. However, these benefits, presented in the form of recommendations, as described above would need to be adopted and implemented by the responsible entities to achieve the expected reductions in exposure within the community.