



Regional Planning Partnership

October 21, 2009

PM_{2.5} Qualitative Analysis for Eureka Boulevard Project

Issue: Would the Eureka Boulevard Project create a significant enough impact from particulate matter (PM_{2.5}) emissions to find it to be a “project of air quality concern” (POAQC) which would require a qualitative hot spot analysis under federal guidance?

Recommendation: That the Partnership, in its air quality conformity consultation role and using the criteria discussed below, make the finding that the Eureka Boulevard Project does not require a qualitative PM_{2.5} hot spot analysis (i.e., the project is not a project of air quality concern).

Discussion: Projects in Placer County—a non-attainment area for PM_{2.5}—that are non-exempt from regional emissions analysis may require a qualitative hot spot analysis if they meet certain criteria associated with specific types of projects. The guidance issued by EPA and FHWA requires qualitative hot spot analysis for the five following types of projects:

- I. New or expanded highway projects that have a significant number of or significant increase in diesel vehicles;
- II. Projects affecting intersections that are at Level-of-Service D, E, or F with a significant number of diesel vehicles, or those that will change to Level-of-Service D, E, or F because of increased traffic volumes from a significant number of diesel vehicles related to the project;
- III. New bus and rail terminals and transfer points that have a significant number of diesel vehicles congregating at a single location;
- IV. Expanded bus and rail terminals and transfer points that significantly increase the number of diesel vehicles congregating at a single location; and
- V. Projects in or affecting locations, areas, or categories of sites which are identified in the PM_{2.5} or PM₁₀ applicable implementation plan or implementation plan submission, as appropriate, as sites of violation or possible violation.

The project in question proposes improvements to the Eureka Road corridor between North Sunrise Avenue and the eastbound I-80 on-ramp in the northeast area of Roseville.

This project does not meet any of the criteria for a Project of Air Quality Concern as described in the EPA Final Rule of 3/10/2006 and the EPA Guidance of 3/29/2006.

Nina Buelna and Raul Cervantes, City of Roseville Public Works Department, and Shannon Hatcher, ICF Jones & Stokes, will be at the partnership meeting to discuss this item and answer questions.

LS:gg
Attachment

Key Staff: Matt Carpenter, Director of Transportation Planning, (916) 340-6276
Jason Crow, Senior Planner, (916) 340-6219
Lacey Symons, Assistant Planner, (916) 340-6212