



Arizona Department of Transportation
Transportation Planning Division

206 South Seventeenth Avenue Phoenix, Arizona 85007-3213

Janet Napolitano
Governor

Victor M. Mendez
Director

Dale Buskirk
Division Director

September 28, 2004

Ms. Nancy Wrona
Air Quality Division
Arizona Department of Environmental Quality
1110 West Washington Street
Phoenix, AZ 85007

Dear Nancy:

The purpose of this letter is to submit the Arizona Department of Transportation's commitment and the Arizona Transportation Board adopted resolution to implement measures to reduce reentrained dust emissions from targeted paved roads for the Maricopa County PM10 nonattainment area. Also included is the approach that ADOT will use to implement the commitment by February 2, 2005.

This submittal meets the conditions and requirements outlined in the ADEQ, Revised PM10 State Implementation Plan for the Salt River Area, August 2004. Please contact me at (602) 712-7487 if you have any questions or need further clarification.

Sincerely,

A handwritten signature in blue ink that reads "Beverly T. Chenausky".

Beverly T. Chenausky
Air Quality Policy Branch Supervisor

Attachments

cc: Richard Polito, MCESD



**RESOLUTION TO IMPLEMENT MEASURES TO REDUCE REENTRAINED DUST
EMISSIONS FROM TARGETED PAVED ROADS IN THE REVISED PM-10 STATE
IMPLEMENTATION PLAN FOR THE SALT RIVER AREA**

WHEREAS, the Maricopa County nonattainment has been classified as a Serious Area for PM -10 particulate matter; and

WHEREAS, the Maricopa County non attainment area continues to record violations of the federal standards for PM-10; and

WHEREAS, the Arizona Department of Environmental Quality has prepared a revised State Implementation Plan for the Salt River Area to address continued violations of the 24-hour PM-10 standard; and

WHEREAS, additional control measures are required to reduce reentrained dust emissions from paved roads in the Salt River Area and similar sources elsewhere in the PM-10 nonattainment area; and

WHEREAS, Arizona Revised Statutes 49-406 G. requires that each agency that commits to implement a control measure describe that commitment in a resolution adopted by the governing body which specifies its authority for implementing the measure as provided in statute, ordinance, or rule; a program for enforcement of the measures; and the level of personnel and funding allocated to the implementation of the measure.

NOW, THEREFORE, BE IT RESOLVED BY THE STATE TRANSPORTATION BOARD as follows:

SECTION 1. That the Arizona Department of Transportation agrees to proceed with a good faith effort to implement the measures identified in Exhibit A which is part of this resolution.


SECTION 2. That the Arizona Department of Transportation commits to implement the measures as scheduled and with the funding sources identified. Recognizing, however, that the availability of necessary funding may depend on the funding programs or processes of various state and federal agencies, the Arizona Department of Transportation agrees to consider modifications of the funding or schedules for implementation actions, if necessary.

PASSED AND ADOPTED by the State Transportation Board of Arizona this 17th Day of September 2004.



Bill Jeffers, Chairman
Arizona Transportation Board

ATTEST:



VICTOR M. MENDEZ, Director
Arizona Department of Transportation

EXHIBIT A

Measure Title: 04-DC-1 Reducing Reentrained Dust Emissions from Targeted Paved Roads

Measure Description: The Arizona Department of Transportation has developed a protocol to reduce reentrained dust emissions from paved roads that typically experience a high level of soil deposition. The protocol:

- Identifies targeted arterial and collector roadways and assign sweeping frequencies with PM10-efficient sweepers (or conventional sweepers if only these are available) or other control measures that would reduce the dust loading for each roadway;
- Describes how the protocol constitutes an enhancement or improvement over the commitment made in the Revised MAG 1999 Serious Area Particulate Plan for PM-10 for the Maricopa County Nonattainment Area, February 2000;
- Addresses trackout associated with facilities and activities regulated by Maricopa County, by notifying the County when rule violations are observed; and
- Provides for the annual reevaluation of the protocol.

Responsible Agency and Authority for Implementation: Pursuant to A.R.S. 28-104, ADOT has the responsibility for maintenance of facilities on the State Highway System.

Implementation Schedule: The protocol will be provided to the Maricopa County Environmental Services Department (MCESD) and the Arizona Department of Environmental Quality (ADEQ) by September 30, 2004 and will be implemented by February 2, 2005.

Level of Personnel and Funding Allocated for Implementation: The Phoenix Maintenance District is responsible for additional sweeping that may be required for implementing this protocol and the Phoenix Construction District is responsible for addressing the trackout provisions from construction, for this protocol. The funding allocated for FY04/05 is estimated at \$350,000 to implement the protocol and for the purchasing and operation of two additional certified PM10 sweepers. ADOT already has two sweepers in operation now that will aide in implementing the protocol.

Enforcement Program: AR.S. Section 49-406 grants Maricopa County and ADEQ the authority to enforce measures identified in the non-attainment area plans.

Monitoring Program: A reevaluation of the protocol for reducing PM-10 emissions from "high dust" paved roads will be conducted periodically by ADOT. ADOT will submit progress reports or any additional records of implementation to MCESD or ADEQ, upon request.