

Project Title	Objective	Air Quality Website(s)
Field Study of PM2.5 Emissions Generated from SR92 Road Widening	To (1) Characterize and quantify PM2.5, PM10, and other emissions from road construction. (2) Identify and quantify the potential effectiveness of emissions mitigation and reduction measures. (3) Develop method to estimate emissions and identify mitigation strategies for road widening projects.	<a href="http://mpd.azdot.gov/mpd/air_quality/pdf/FieldStudy.htm">http://mpd.azdot.gov/mpd/air_quality/pdf/FieldStudy.htm</a>
Transportation Control Measure and Analysis Update	To Update Regional Emission Analysis Procedures for Criteria Pollutants and Developing an Air Quality and Climate Change Screening Tool for project evaluation.	<a href="http://mpd.azdot.gov/mpd/air_quality/pdf/PMPLAN.htm">http://mpd.azdot.gov/mpd/air_quality/pdf/PMPLAN.htm</a>
Identification of Emission sources in Pinal County	To develop methods or models that can be used in Pinal County to address air pollution problems in the county and develop an evaluation and forecasting tool for assessing PM10 air quality Impacts in Pinal County.	<a href="http://mpd.azdot.gov/mpd/air_quality/pdf/Pinal.pdf">http://mpd.azdot.gov/mpd/air_quality/pdf/Pinal.pdf</a>
Tire Wear Emissions for Asphalt Rubber and Portland Cement Concrete Pavement Surfaces	To (1) Measure the PM emissions from on-road vehicle traffic for two different roadway surfaces, AR-ACFC and PCC. (2) Analyze PM emissions to determine emission factors for tire wear emissions for the two road surfaces, (3) Collect and analyze representative air samples and relate the emissions to roughness and frictional characteristics of the two pavement types.	<a href="http://mpd.azdot.gov/mpd/air_quality/pdf/DP.pdf">http://mpd.azdot.gov/mpd/air_quality/pdf/DP.pdf</a>
A Field Study of Particulate Emissions from Major Roadways in the Phoenix Airshed	To Evaluate transportation-related particulates that are essential for future transportation modeling due to (1) the serious non-attainment status of the Phoenix airshed, (2) the continuing growth in traffic caused by growing population, and (3) the eventual enforcement of the PM2.5 standard.	<a href="http://mpd.azdot.gov/mpd/air_quality/pdf/AZ495.pdf">http://mpd.azdot.gov/mpd/air_quality/pdf/AZ495.pdf</a>
Sources of High Particulate Emission at Greenwood Monitor.	To Analyze data from the Greenwood air monitor with the specific intent of estimating the PM10 impact from nearby traffic sources and comparing these impacts with those observed at other monitoring sites in the area	<a href="http://mpd.azdot.gov/mpd/air_quality/pdf/AZ496.pdf">http://mpd.azdot.gov/mpd/air_quality/pdf/AZ496.pdf</a>