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16. Abstract <p>More than 3 million persons reside in Maricopa County, Arizona, one of the fastest growing urban areas in the country. The urbanized portion of the county has been designated a nonattainment area for PM₁₀, by the U.S. Environmental Protection Agency for levels of particulate matter that exceed the National Ambient Air Quality Standards. In response, Maricopa County has enacted Rule 310 that contains measures to mitigate the generation of fugitive dust. Construction activities are estimated to generate nearly 40 percent of airborne particulates in the area. The Arizona Department of Transportation contracted with Lima & Associates and Cathy D. Arthur to develop an educational outreach program with the purpose of training construction industry personnel on the importance of controlling fugitive dust and the methods of so doing. This report summarizes the background leading up to the enactment of Rule 310 and the subsequent development of the outreach program. Elements of the program are described, and an implementation plan is provided. This report is accompanied by appendices that contain prototype elements of the training program that have been developed. These prototypes are intended to illustrate the results of the research only, and are not current training instruments.</p>					
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