



# Road Stabilization & Dust Abatement Practices

**Course Overview:** This half-day or one-day course provides participants with an overview of dust control requirements and current strategies for preventing, mitigating and controlling dust on roads. Students will learn the effects that vegetation removal, wind and mechanical movement of soil has on roads and will get a general understanding of soil modification methods for improving construction operations and the characteristics, advantages and limitation of soil stabilization methods. The course combines lecture with group discussions, case studies and group activities.

## Course content includes:

- Importance of proper fines when constructing a road
- How to preserve fines with dust suppressants
- Importance of proper drainage and impact of erosion on unpaved roads
- Smoothing and reshaping
- Creating proper crown and shoulder
- Shoulder maintenance
- Causes of wash-boarding, rutting, frost boils
- Equipment needs
- Soil classifications
- Benefits of soil stabilization & dust abatement
- Good gravel versus bad gravel
- Options for recycled products with the gravel

**Upon completion of the course,** participants will understand:

- Effects of erosion on unpaved roads
- Situations when soil stabilization will be effective in improving the quality of the soil
- Impact of fugitive dust
- Various soil issues and their impact
- How and when to apply appropriate dust control measures
- How to preserve fines with dust suppressants

Participants will receive a Training Certificate!



**For more information or to inquire about upcoming training dates:**

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