Estimating Drag Reduction Achieved through Heavy Vehicle Platooning

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This seminar discusses the development of an aerodynamics model of a heavy vehicle platoon configuration. The objective of the research is to produce a model of the well-known correlation between vehicle spacing and drag reduction. The research is being performed as a component of a grant awarded by the Federal Highway Administration (FHWA) as part of the Exploratory Advanced Research Program (EARP). An overview of the entire platooning project is also included.