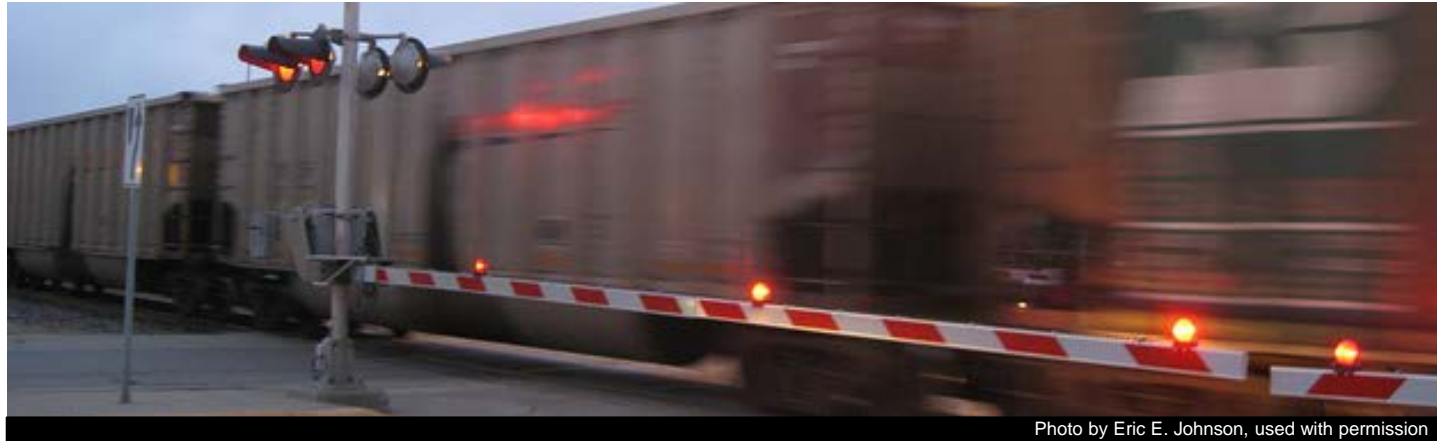


Predicting Derailments at Highway-Rail Grade Crossings

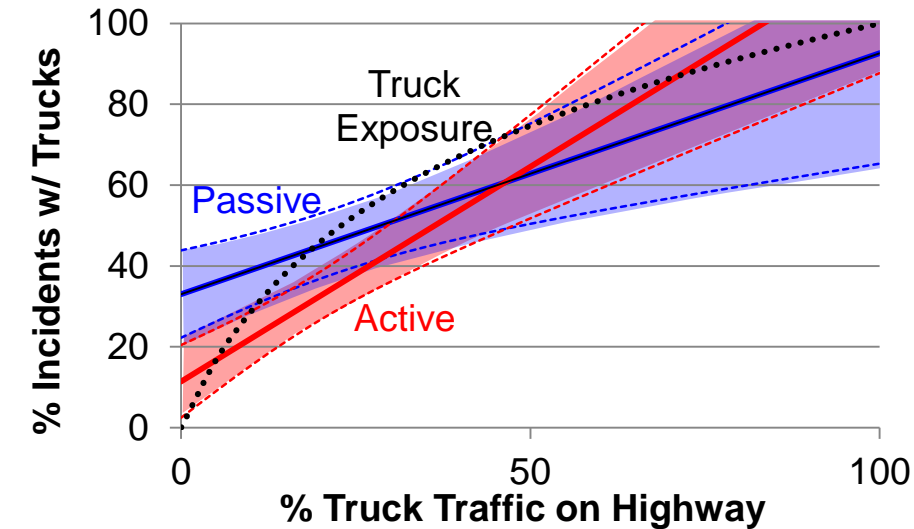
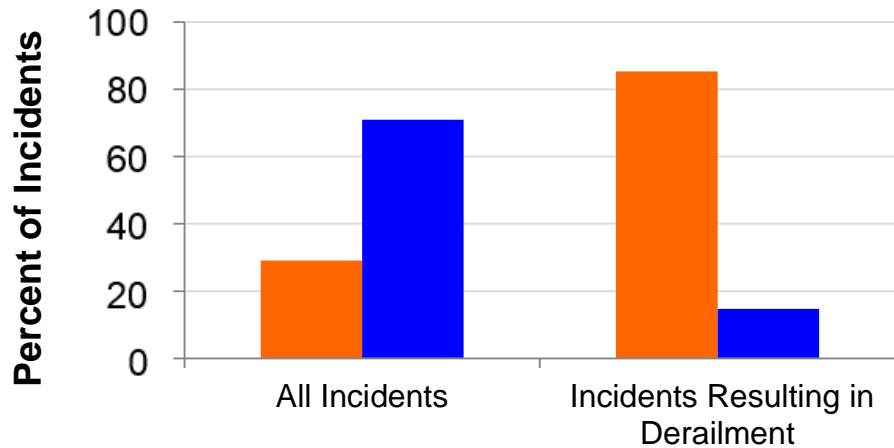


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Predicting Derailments at Highway-Rail Grade Crossings

■ Large Vehicle Involvement
■ No Large Vehicle Involvement



P(D|I) Calculator

Enter Crossing Factors

Posted Highway Speed Limit*	35 mph
Timetable Speed*	45 mph
* values must be greater than 0	
Grade Crossing Type	Other Active
Percent Truck Traffic	8 (0-100)

Results

Probability of Derailment	0.000380
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Derailment likelihood: a new way to quantify and rank risk at highway-rail grade crossings